smart mit led gmbh

LED Streifen

Design Flexibilität Effizienz

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02

NEONFLEX

03

230V LED Streifen

05

Full Spektrum LED

ISO - TEMPERATURE LINES

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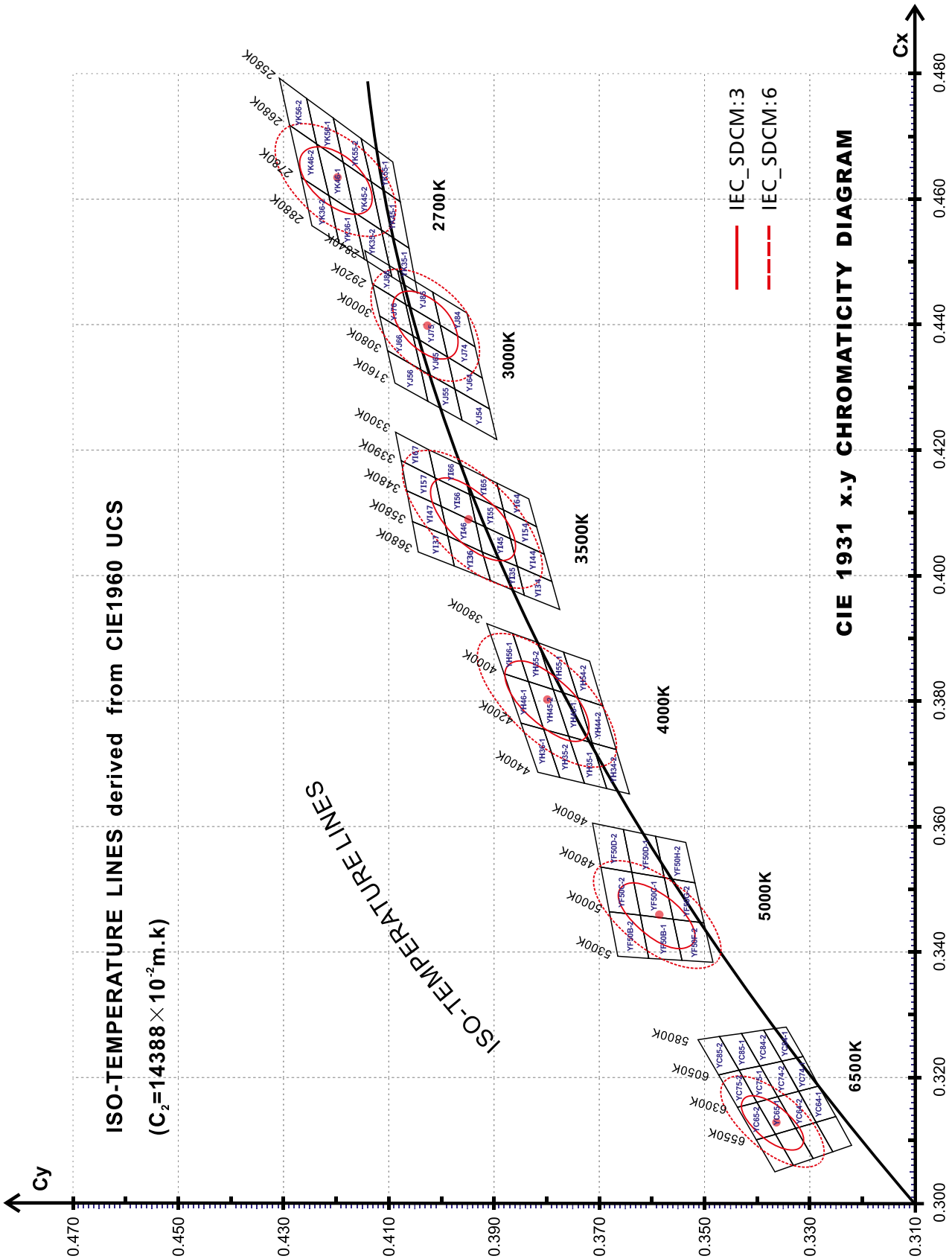

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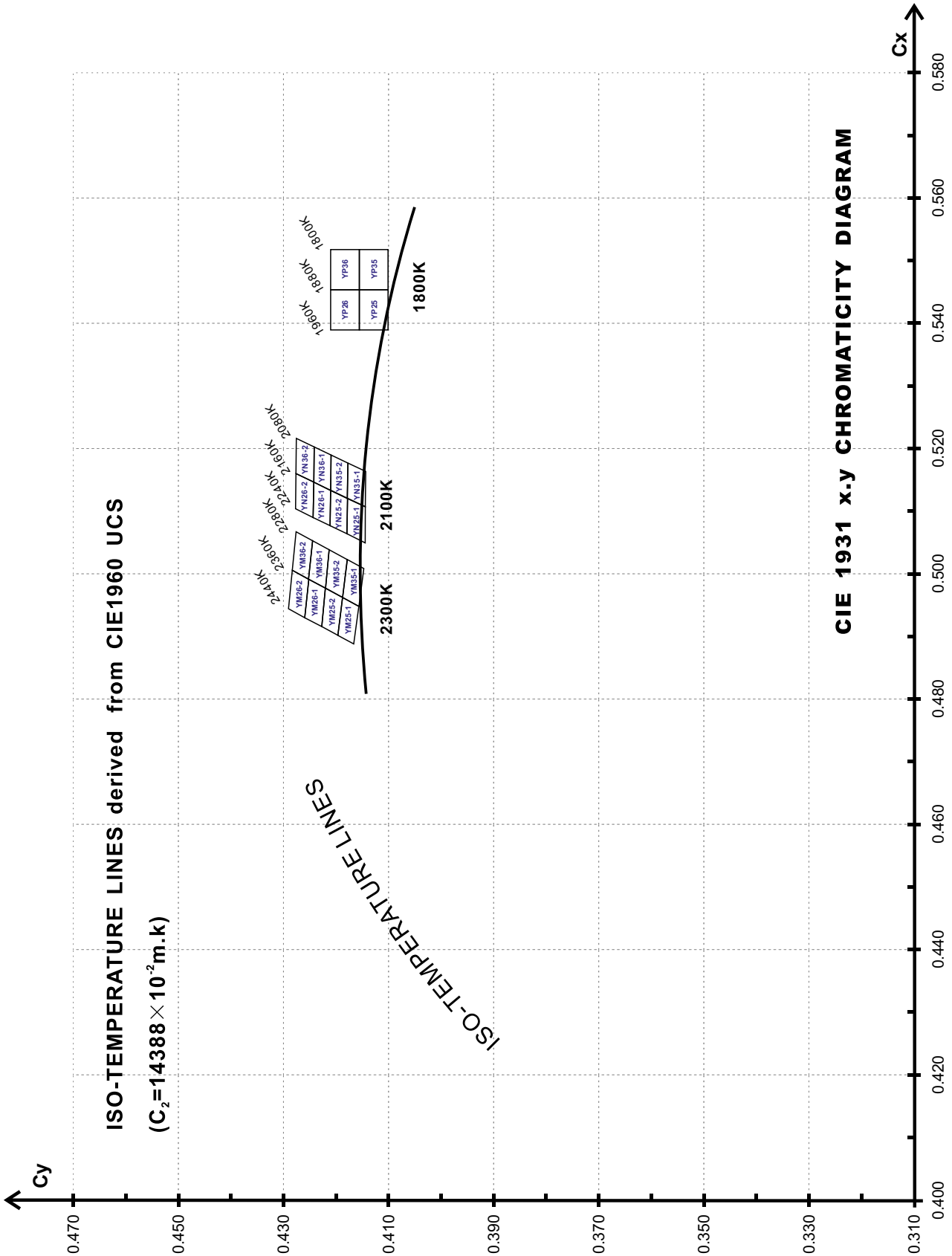
ISO - TEMPERATURE LINES



Full Spectrum

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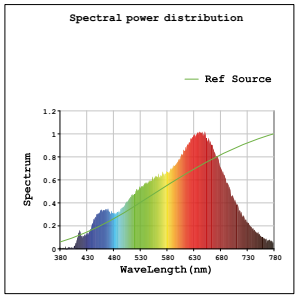

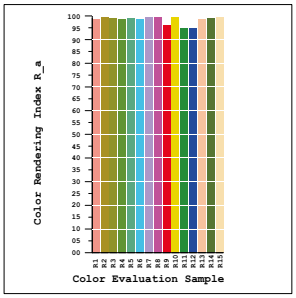

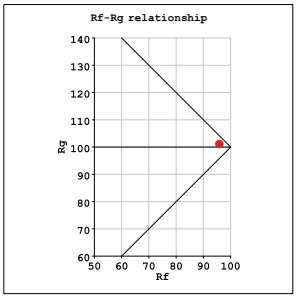

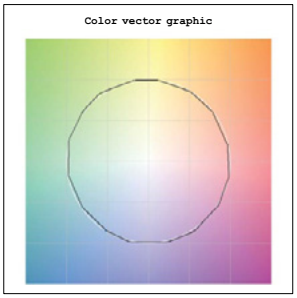

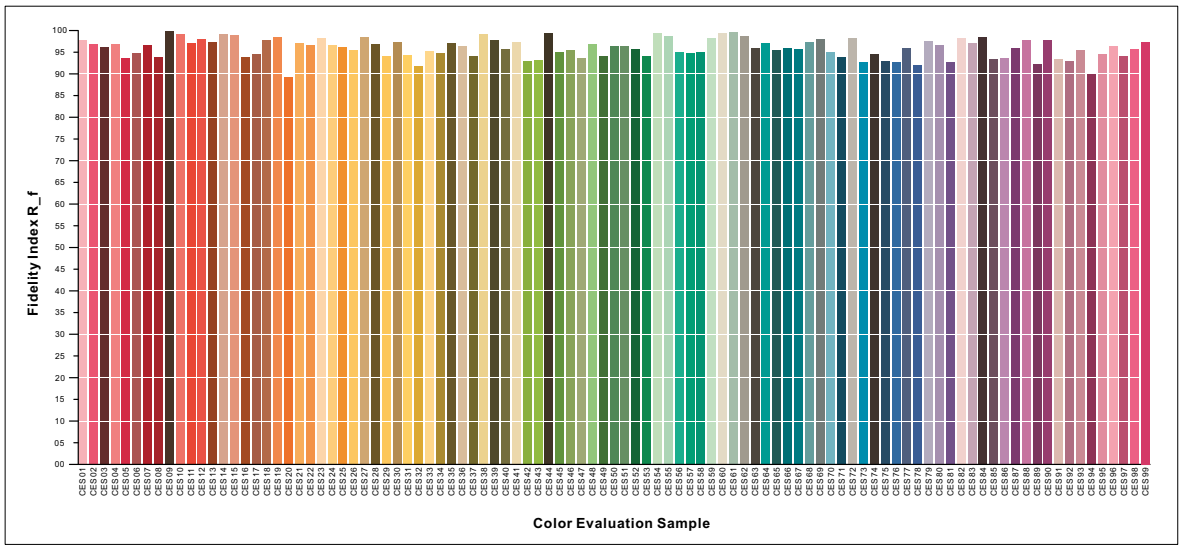

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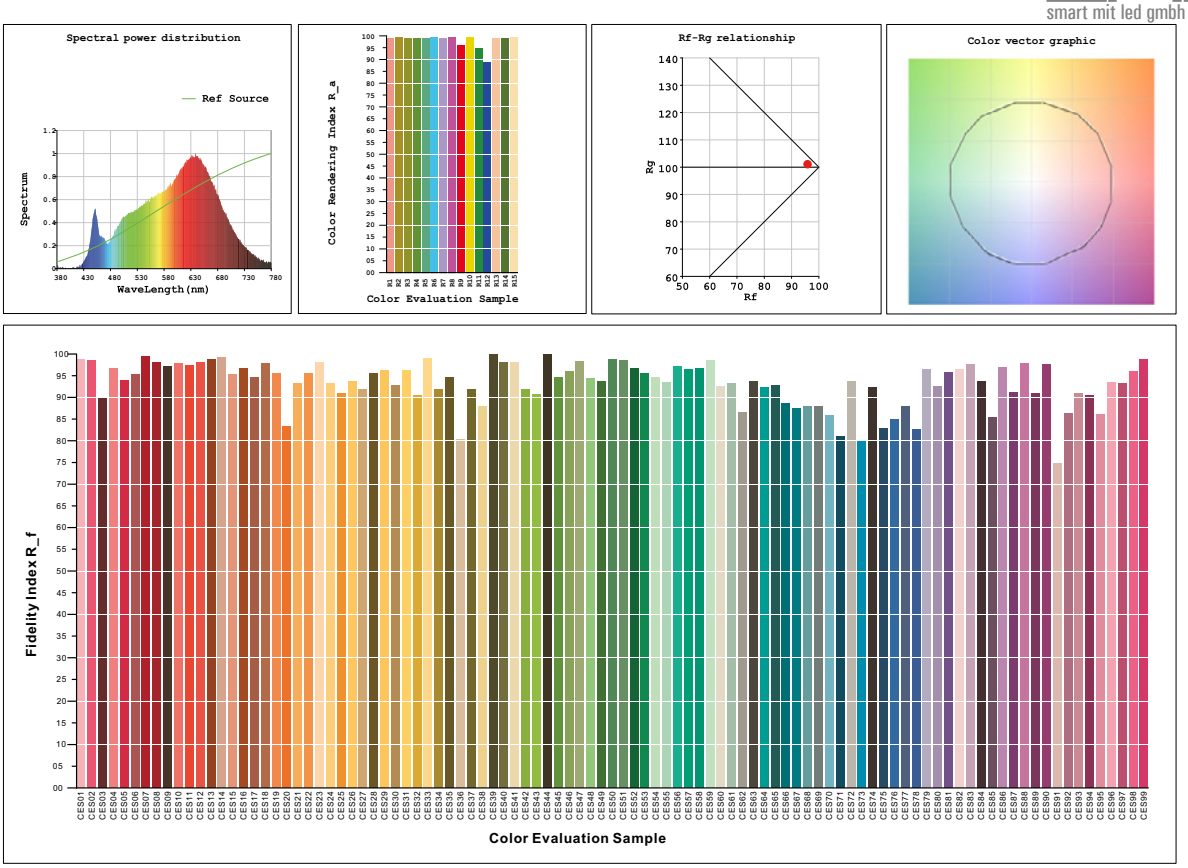
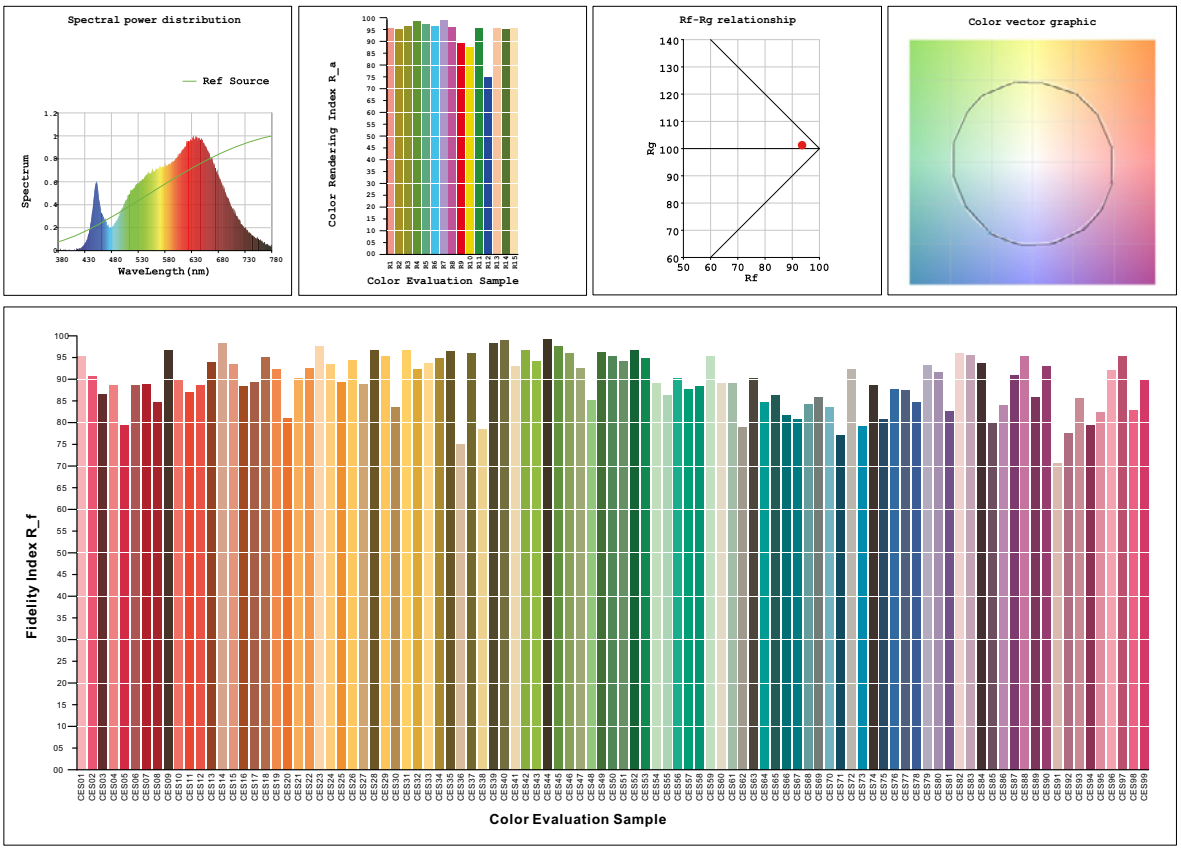
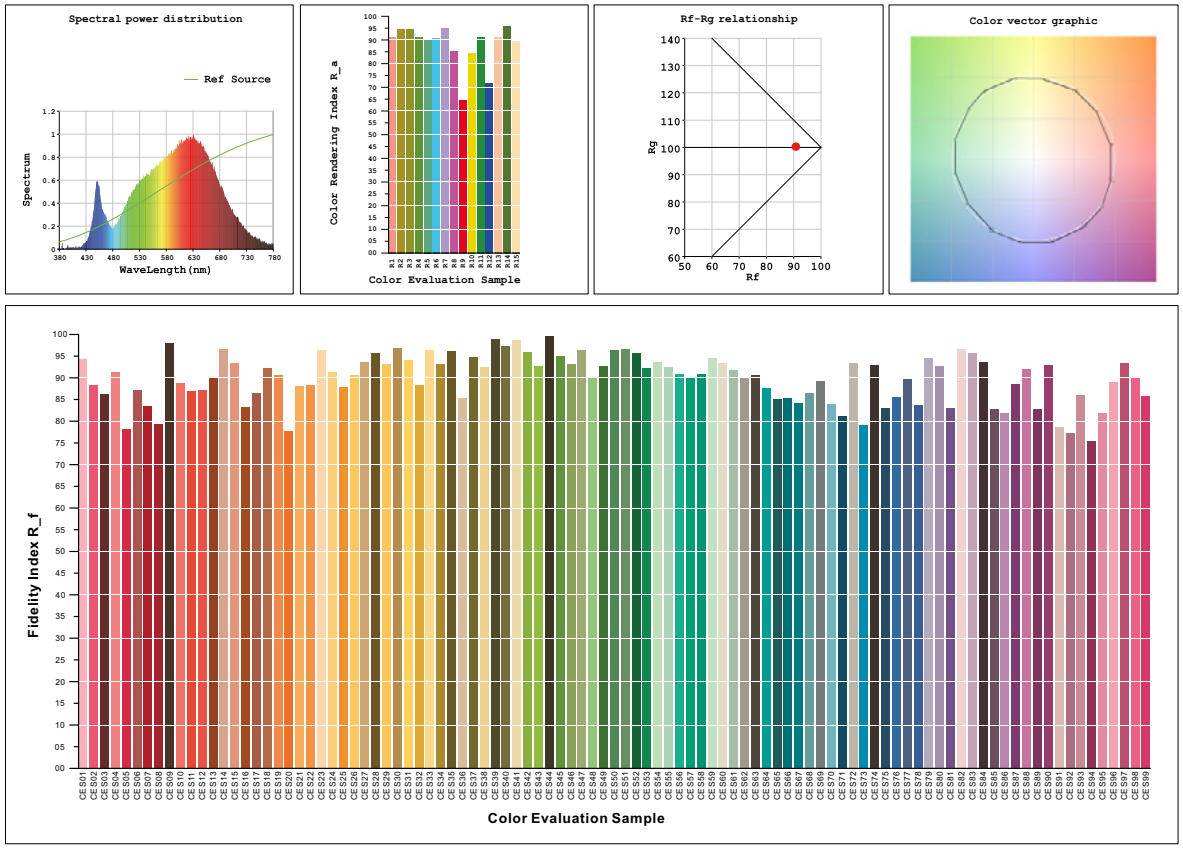
CRI 97+


Spectral power distribution
Ref Source
Spectrum
WaveLength (nm)
Color Rendering Index R_a
Color Evaluation Sample
Rf-Rg relationship
Rg
Rf
Color vector graphic
Fidelity Index R_f
Color Evaluation Sample

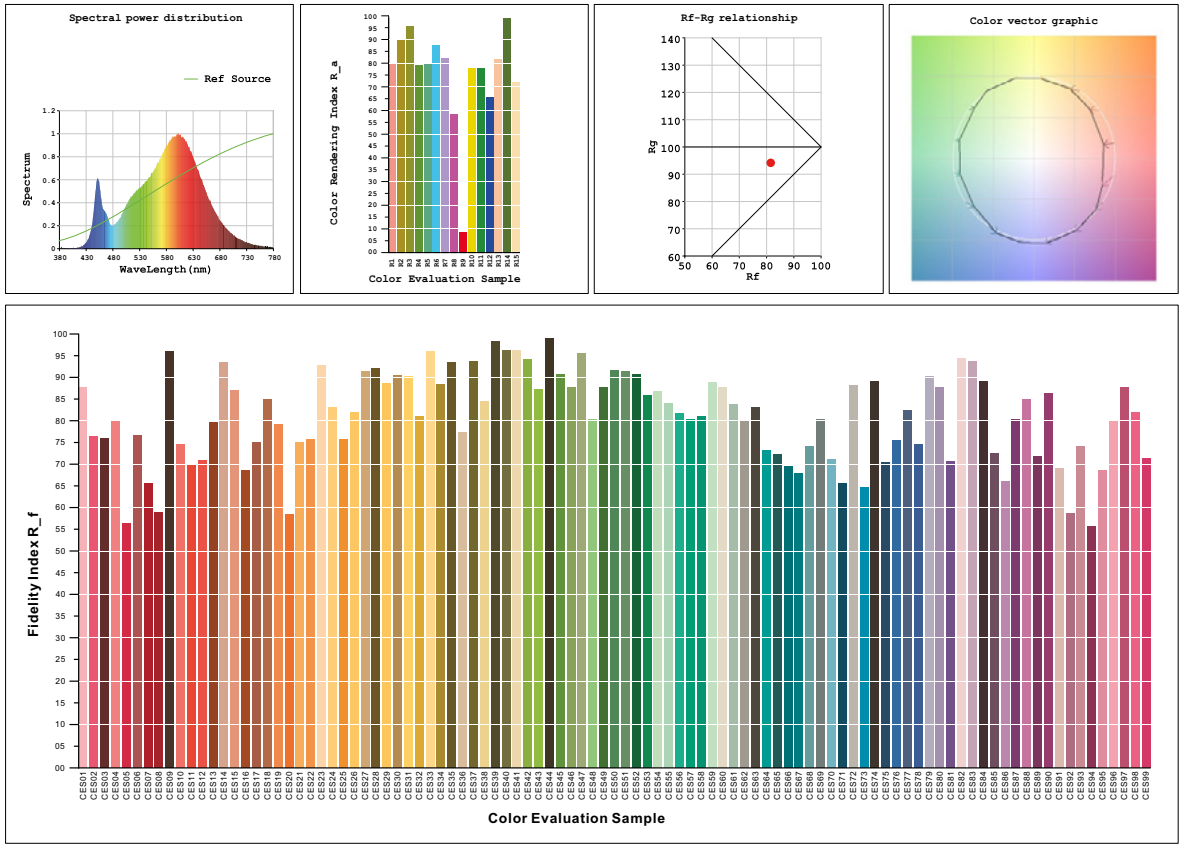
CRI 94+


Spectral power distribution
Ref Source
Spectrum
WaveLength (nm)
Color Rendering Index R_a
Color Evaluation Sample
Rf-Rg relationship
Rg
Rf
Color vector graphic
Fidelity Index R_f
Color Evaluation Sample

CRI 90+



CRI 80+



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IP Schutzart

IP Schutzart	Symbol	Beschreibung
IP20		Ohne Schutz
IP54		Nano beschichtet
IP65		Silikon beschichtet
IP67		PVC Extrusion
IP67		Silicon Extrusion
IP67		Silikonschlauch
IP68		Silikonschlauch ausgefüllt mit Silikon

UL676

Swimmingpool LED Streifen

Anti
CHLOR

Anwendungsbeispiele:

Swimmingpool,

Springbrunnen,

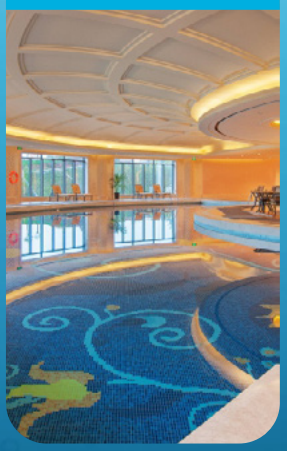
SPA Poole,

Schwimmbecken,

Gartenbecken,

.

Hotel Club



Swimming pool

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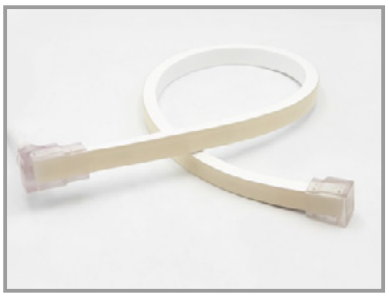
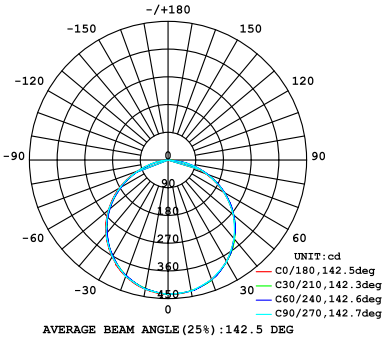
Swimmingpool LED Streifen

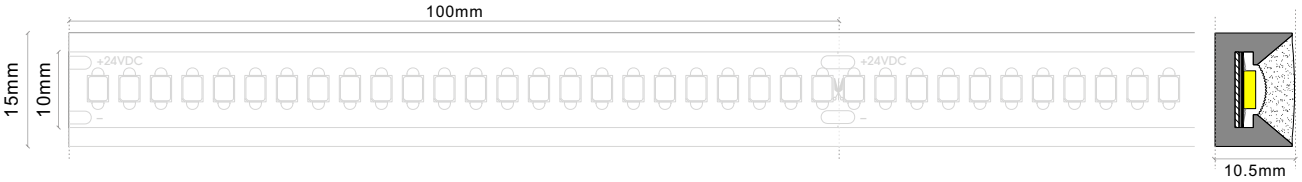
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP28352794-240-24-IP68	2700K	820LM	<10W	82LM/W	94+	3OZ
ES-SP28353594-240-24-IP68	3500K	900LM	<10W	90LM/W	94+	3OZ
ES-SP28354094-240-24-IP68	4000K	900LM	<10W	90LM/W	94+	3OZ

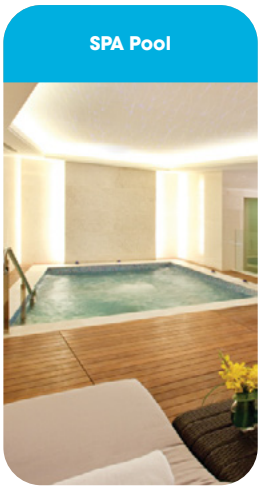


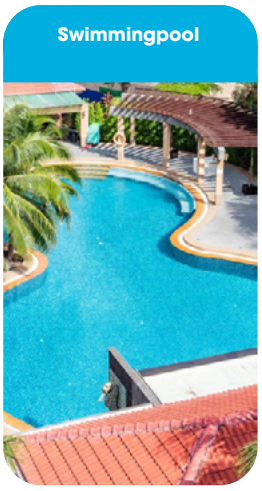


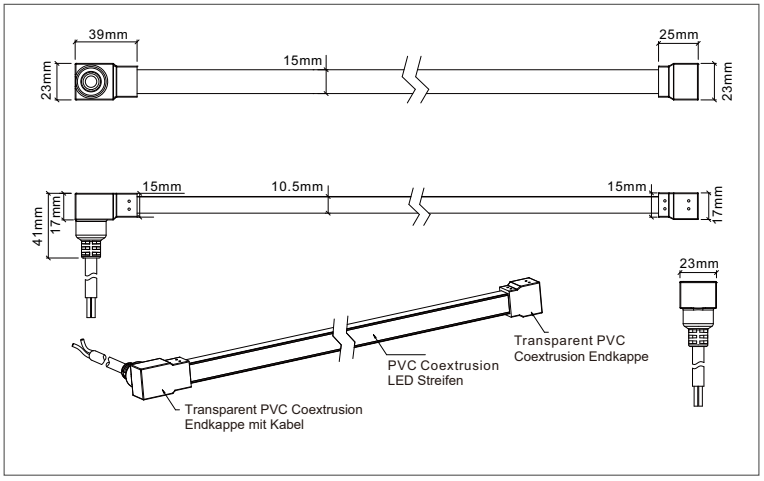
Swimmingpool LED Streifen

1. IP Schutzart: IP68.
2. Maximale Tiefe: 2 Meters
3. Umgebungstemperatur: -10°C-50°C.
4. Material:PVC,Chlor resistent.
5. Garantie: 3 Jahre.
6. Lichtaustritt: Oben.









01 LED Streifen

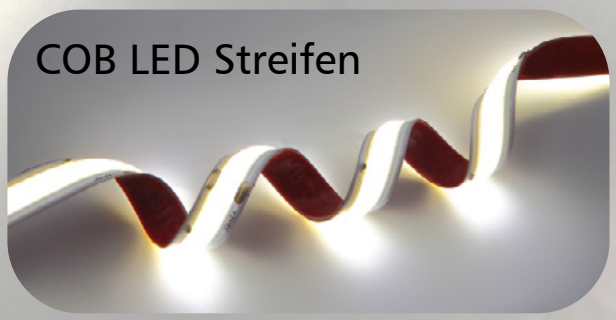
TÜVRheinland
CERTIFIED
ENERG YIJA IEIA
енергия · ενεργεια
A++
A+
A+
A
B
C
D
E
XXX kwh/1000h

COB LED Streifen

Durchgehend helles und gleichmäßges Lichtband

Produkteigenschaften

1. Homogene Lichtlinie, auch in sehr flachen Aluprofilen
2. Durchgängiges, schmales Akzentlicht
3. Absolut gleichmäßig bei indirekter Beleuchtung in kürzesten Abständen



COB LED Streifen

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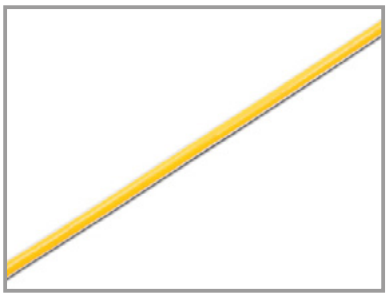
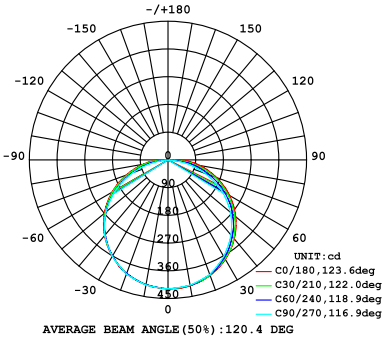
FPC 4mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-4COB27-24-Y	2700K	744LM	<8W	93LM/W	90+	2OZ
ES-4COB30-24-Y	3000K	760LM	<8W	95LM/W	90+	2OZ
ES-4COB40-24-Y	4000K	840LM	<8W	105LM/W	90+	2OZ
ES-4COB65-24-Y	6500K	816LM	<8W	102LM/W	90+	2OZ
ES-4COBG-24-Y	517-522 NM NM	— —	<8W	— —	90+	2OZ
ES-4COBB-24-Y	465-470 NM NM	— —	<8W	— —	90+	2OZ



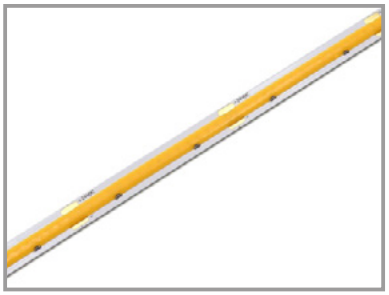
Max. Länge **CE:500CM** **UL:16.4FT**

c UL us LISTED E466567 | CE | RoHS | 3 Jahre Garantie | LM-79 | Ra 90+ | SDCM < 3 | 120° | IP20



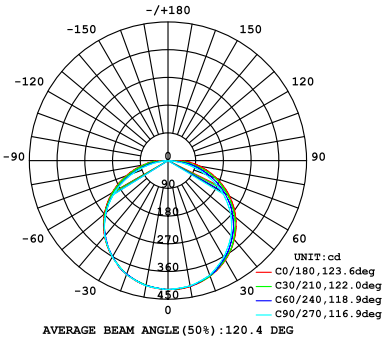
FPC 8mm

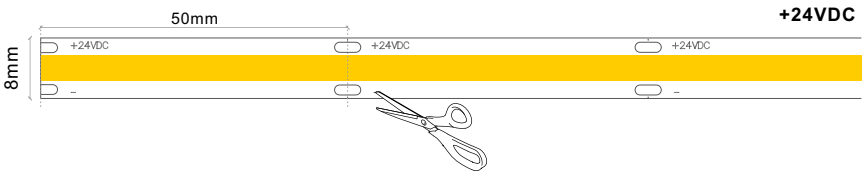
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-8COB27-24-Y	2700K	830LM	<10W	83LM/W	90+	2OZ
ES-8COB30-24-Y	3000K	850LM	<10W	85LM/W	90+	2OZ
ES-8COB40-24-Y	4000K	910LM	<10W	91LM/W	90+	2OZ
ES-8COB65-24-Y	6500K	900LM	<10W	90LM/W	90+	2OZ
ES-8COBG-24-Y	517-522 NM NM	— —	<10W	— —	90+	2OZ
ES-8COBB-24-Y	465-470 NM NM	— —	<10W	— —	90+	2OZ



Max. Länge **CE:500CM** **UL:16.4FT**

c UL us LISTED E466567 | CE | RoHS | 3 Jahre Garantie | LM-79 | Ra 90+ | SDCM < 3 | 120° | IP20





COB LED Streifen

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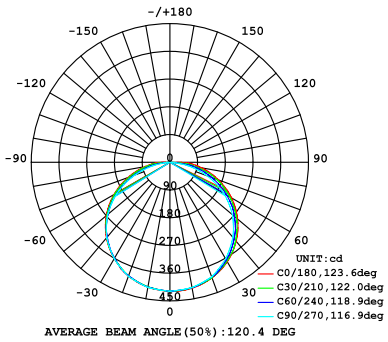
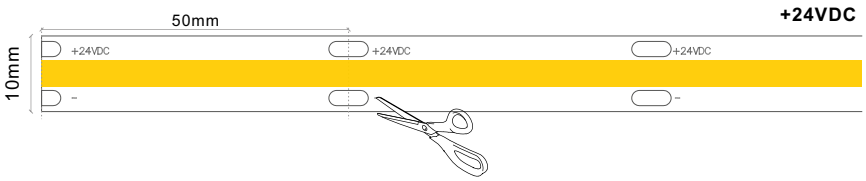
FPC 10mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-10COB27-24-Y	2700K	1245LM	<15W	83LM/W	90+	2OZ
ES-10COB30-24-Y	3000K	1275LM	<15W	85LM/W	90+	2OZ
ES-10COB40-24-Y	4000K	1365LM	<15W	91LM/W	90+	2OZ
ES-10COB65-24-Y	6500K	1350LM	<15W	90LM/W	90+	2OZ
ES-10COBG-24-Y	517-522 NM NM	— —	<15W	— —	90+	2OZ
ES-10COBB-24-Y	465-470 NM NM	— —	<15W	— —	90+	2OZ

Max. Länge **CE:500CM** **UL:16.4FT**

c UL us LISTED E466567 | CE | RoHS | 3 Jahre Garantie | LM-79 | Ra 90+ | SDCM < 3 | 120° | IP20





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COB LED Streifen

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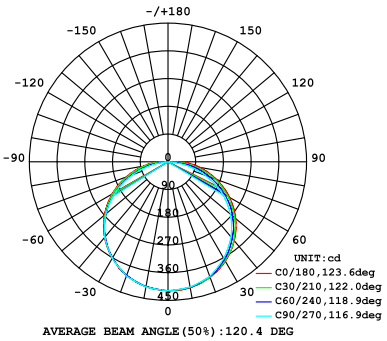
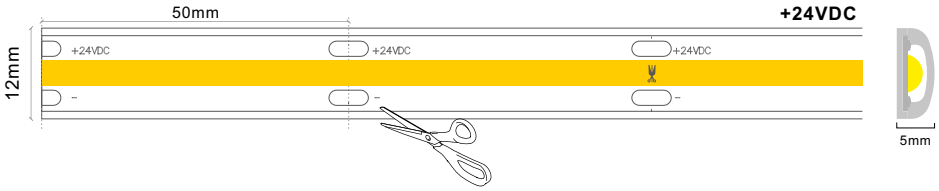
IP67

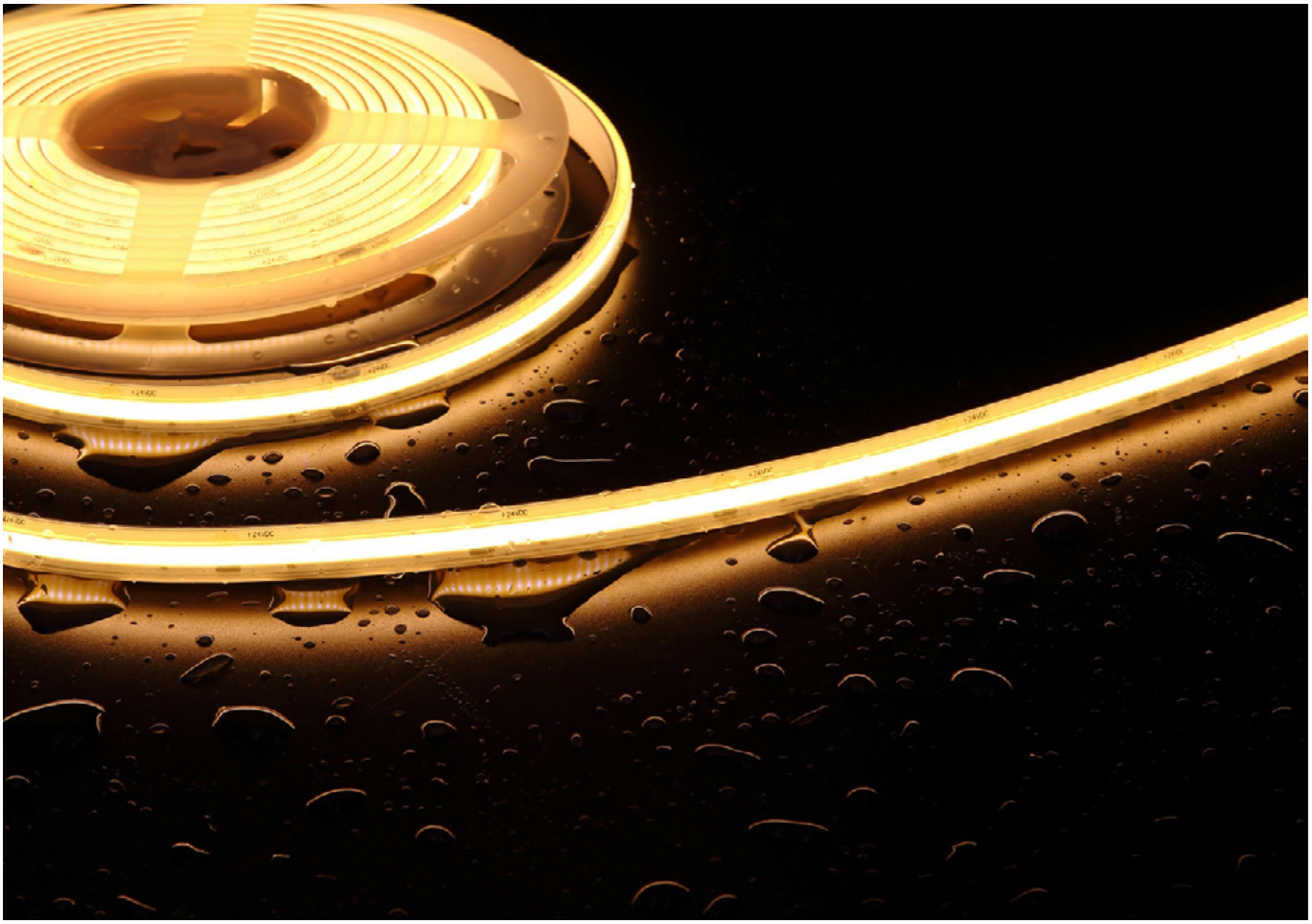
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-12COB27-24-Y	2700K	1150LM	<15W	76LM/W	90+	2OZ
ES-12COB30-24-Y	3000K	1200LM	<15W	80LM/W	90+	2OZ
ES-12COB40-24-Y	4000K	1300LM	<15W	86LM/W	90+	2OZ
ES-12COB65-24-Y	6500K	1300LM	<15W	86LM/W	90+	2OZ
ES-12COBG-24-Y	517-522 NM NM	— —	<15W	— —	90+	2OZ
ES-12COBB-24-Y	465-470 NM NM	— —	<15W	— —	90+	2OZ

Max. Länge **CE:500CM** **UL:16.4FT**

c UL us LISTED E466567 | CE | RoHS | 3 Jahre Garantie | LM-79 | Ra 90+ | SDCM < 5 | 120° | IP67







Full Spectrum

Produkteigenschaften

1. Simuliert natürliches Tageslicht
2. Höchste Farbwiedergabe
3. Reduziert Blendung, Müdigkeit und Augenbelastung.

Full Spectrum

LED Streifen

1

LED Type

SMD2835

2

Farbtemperatur

3000 K	3500 K	4000 K	5000 K

3

LED pro Meter

238 | 182 | 112

4

Spannung

24VDC

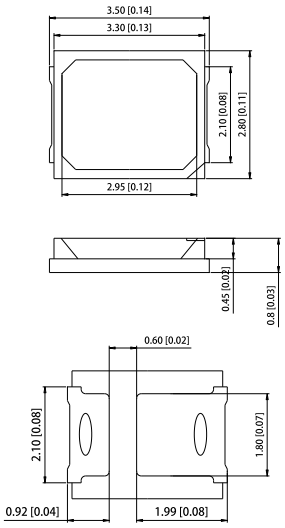
5

IP Schutzart

IP20 | IP54 | IP65

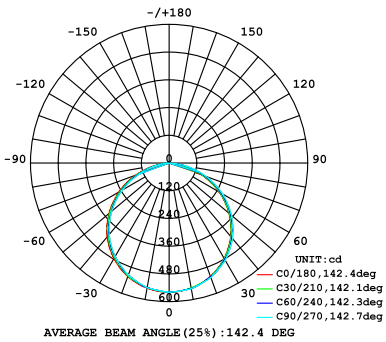
IP67 | IP68

Model	Farbtemp.	Luminous Flux@60mA		I_F		CRI(Ra)	R9/R12
		Min.	Max.	Current	Max.		
SMD2835	2700K	20LM	22LM	60mA	150mA	97+	**95+**
	3000K	20LM	22LM	60mA	150mA	97+	**95+**
	3500K	20LM	22LM	60mA	150mA	97+	**95+**
	4000K	20LM	22LM	60mA	150mA	97+	**95+**
	5000K	20LM	22LM	60mA	150mA	97+	**95+**



Full Spectrum

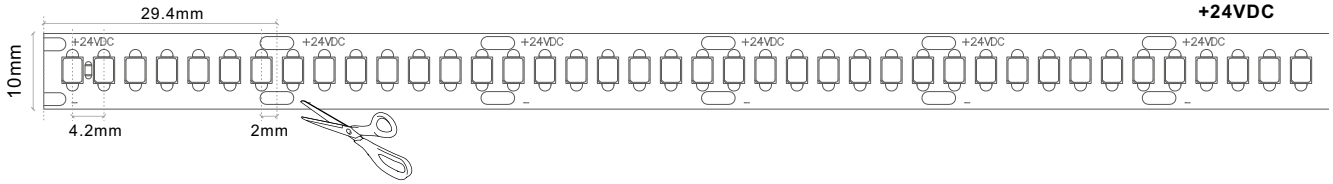
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C2797-238-24-Y	2700K	1536LM	<19.2W	80LM/W	97+	3OZ
ES-2835C3097-238-24-Y	3000K	1593LM	<19.2W	83LM/W	97+	3OZ
ES-2835C3597-238-24-Y	3500K	1632LM	<19.2W	85LM/W	97+	3OZ
ES-2835C4097-238-24-Y	4000K	1728LM	<19.2W	90LM/W	97+	3OZ
ES-2835C5097-238-24-Y	5000K	1785LM	<19.2W	93LM/W	97+	3OZ



R9/R12
95+

c UL us LISTED E466567

Ma. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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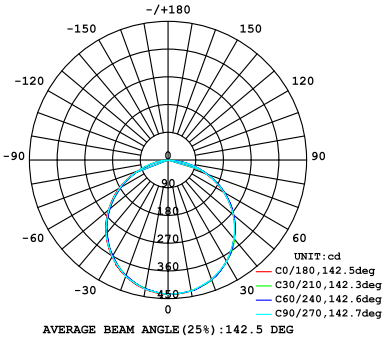
Full Spectrum

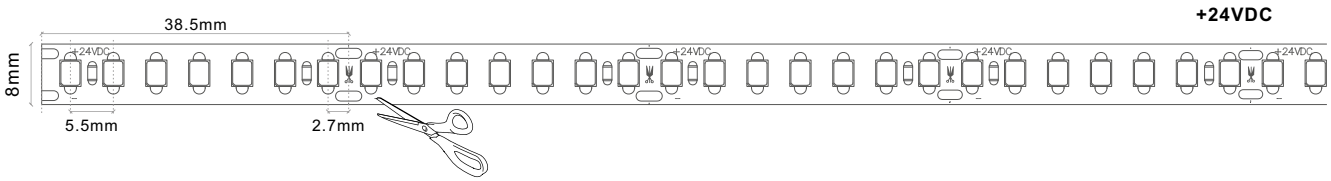
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C2797-182-24-Y	2700K	1152LM	<14.4W	80LM/W	97+	3OZ
ES-F835C3097-182-24-Y	3000K	1195LM	<14.4W	83LM/W	97+	3OZ
ES-2835C3597-182-24-Y	3500K	1224LM	<14.4W	85LM/W	97+	3OZ
ES-2835C4097-182-24-Y	4000K	1296LM	<14.4W	90LM/W	97+	3OZ
ES-2835C5097-182-24-Y	5000K	1339LM	<14.4W	93LM/W	97+	3OZ

R9/R12
95+



c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 Ra 97+ 1 BIN 120°

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

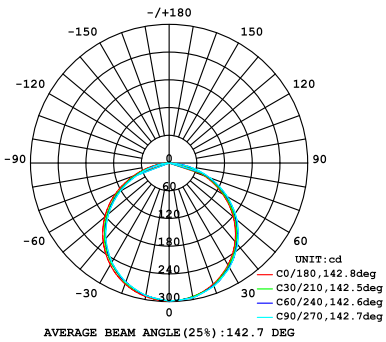
- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

Full Spectrum

smart mit led gmbh

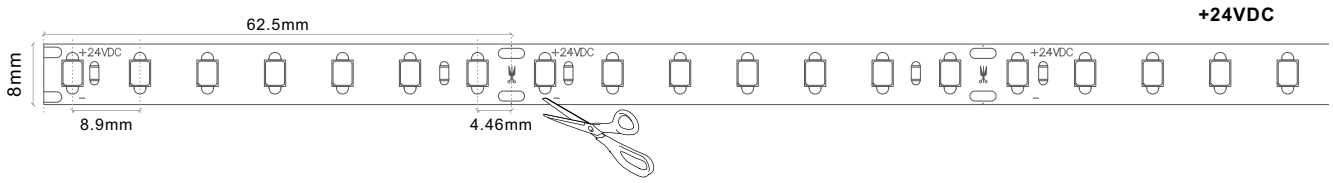
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C2797-112-24-Y	2700K	768LM	<9.6W	80LM/W	97+	3OZ
ES-2835C3097-112-24-Y	3000K	797LM	<9.6W	83LM/W	97+	3OZ
ES-2835C3597-112-24-Y	3500K	816LM	<9.6W	85LM/W	97+	3OZ
ES-2835C4097-112-24-Y	4000K	864LM	<9.6W	90LM/W	97+	3OZ
ES-28355097-112-24-Y	5000K	893LM	<9.6W	93LM/W	97+	3OZ

R9/R12
95+



c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 Ra 97+ 1 BIN 120°

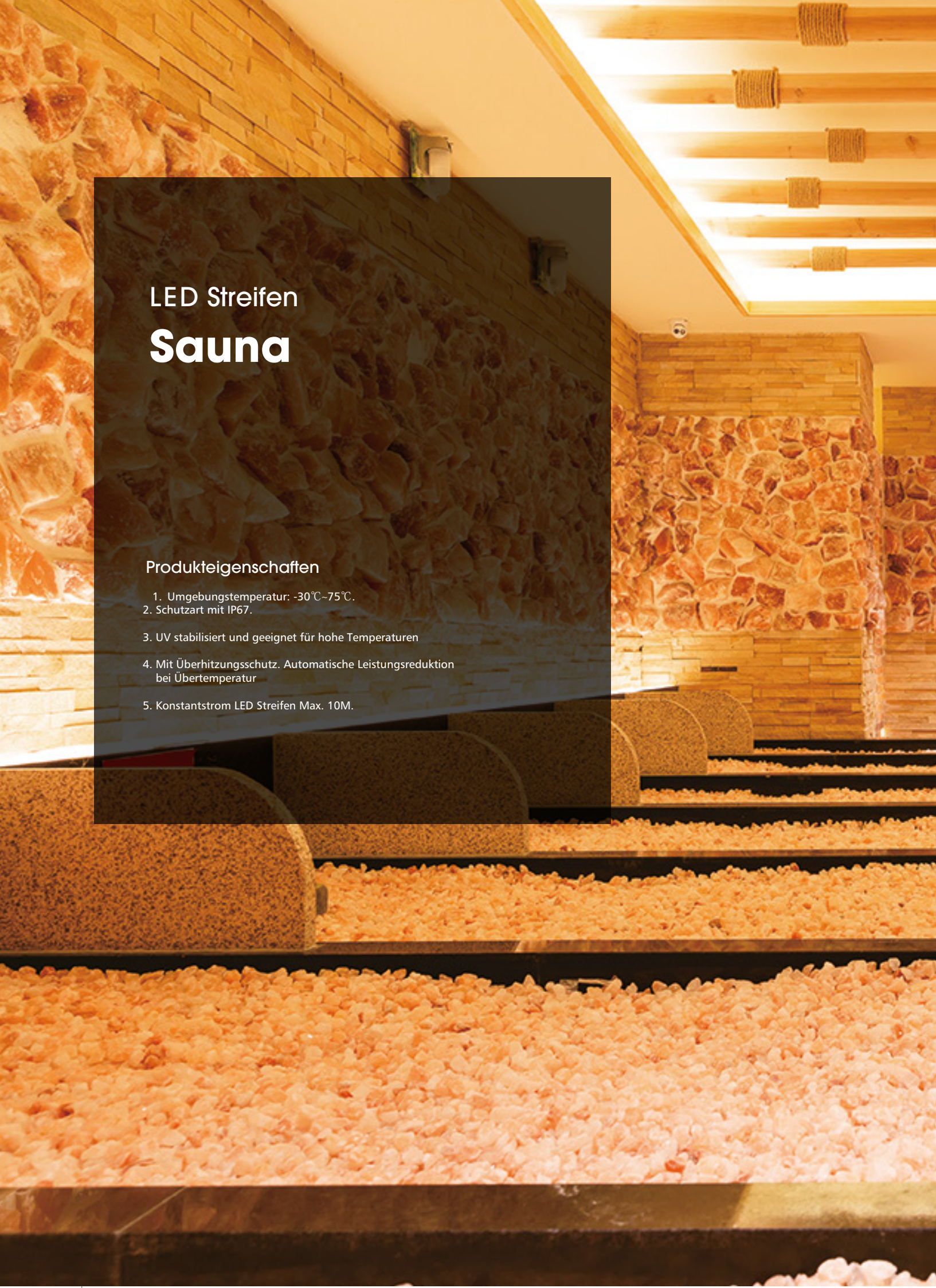
Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com



LED Streifen

Sauna

Produkteigenschaften

1. Umgebungstemperatur: -30℃~75℃.
2. Schutzart mit IP67.
3. UV stabilisiert und geeignet für hohe Temperaturen
4. Mit Überhitzungsschutz. Automatische Leistungsreduktion bei Übertemperatur
5. Konstantstrom LED Streifen Max. 10M.

LED Streifen

Sauna

1

LED Type

SMD2835

2

Farbtemperatur

1800 K	2100 K	2300 K	2700 K	3000 K
3500 K	4000 K	5000 K	6500 K	

3

Konstantstrom

WWC | NWC | PWC

4

LED pro Meter

120

5

Spannung

24VDC

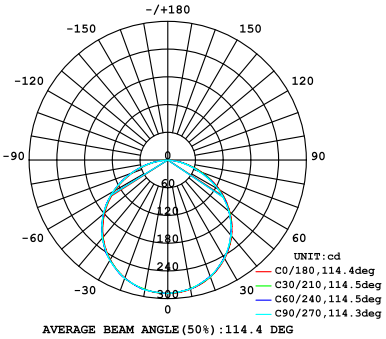
6

IP Schutzart

IP68 Silicon extrusion

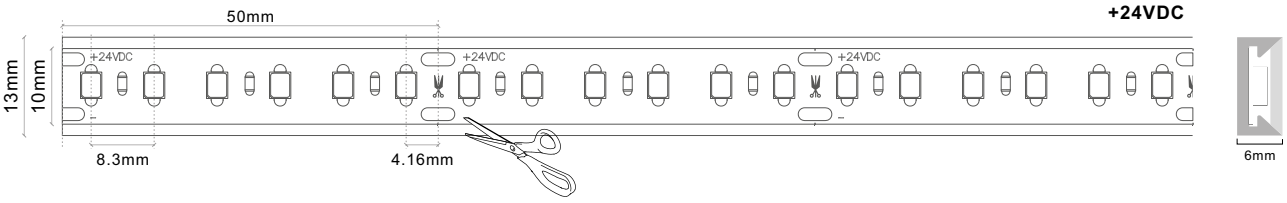
Sauna

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835CC1894-120-24-Y	1800K	672LM	<9.6W	70LM/W	94+	3OZ
ES-2835CC2197-120-24-Y	2100K	672LM	<9.6W	70LM/W	94+	3OZ
ES-2835CC2394-120-24-Y	2300K	749LM	<9.6W	78LM/W	94+	3OZ
ES-2835CC2794-120-24-Y	2700K	816LM	<9.6W	85LM/W	94+	3OZ
ES-2835CC3094-120-24-Y	3000K	816LM	<9.6W	85LM/W	94+	3OZ
ES-2835CC3594-120-24-Y	3500K	845LM	<9.6W	88LM/W	94+	3OZ
ES-2835CC4094-120-24-Y	4000K	864LM	<9.6W	90LM/W	94+	3OZ
ES-2835CC5094-120-24-Y	5000K	864LM	<9.6W	90LM/W	94+	3OZ
ES-2835CC6594-120-24-Y	6500K	864LM	<9.6W	90LM/W	94+	3OZ



c UL us LISTED E466567

Max. Länge CE:1000CM UL:32.8FT



IP Schutzart:

☑ IP67---Silicon extrusion

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Ultralong

Konstantstrom LED Streifen

Produkteigenschaften

1. Längen bis zu 40Meter mit einseitiger Einspeisung
2. Bei den Längen 20M/40M nur geringer Spannungsabfall und keine sichtbare Lichtstärkenveränderung
3. Bei RGB ist eine Länge von 10Meter mit nur einer Einspeisung möglich. Bei Mitteleinspeisungen sind 20 Meter möglich.

Ultralong

Konstantstrom LED Streifen

1

LED Type

SMD2835 |SMD3528

SMD3535

2

Farbtemperatur

2700 K	3000 K	3500 K
4000 K	5000 K	6500 K

3

Konstantstrom

WWC | NWC | PWC

RGB

4

LED pro Meter

120

5

Spannung

24VDC | 12VDC

6

IP Schutzart

IP20 | IP54 | IP65

IP67 | IP68

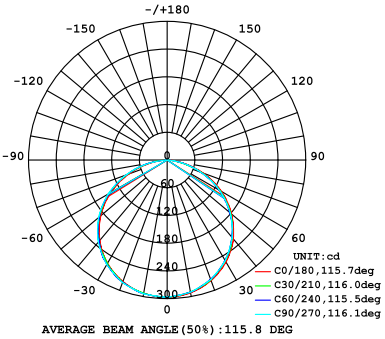
Ultralong LED Streifen

ULTRALONG - Konstantstrom

smart mit led gmbh

Dimmable: **0-10V | PWM | Triac | DALI**

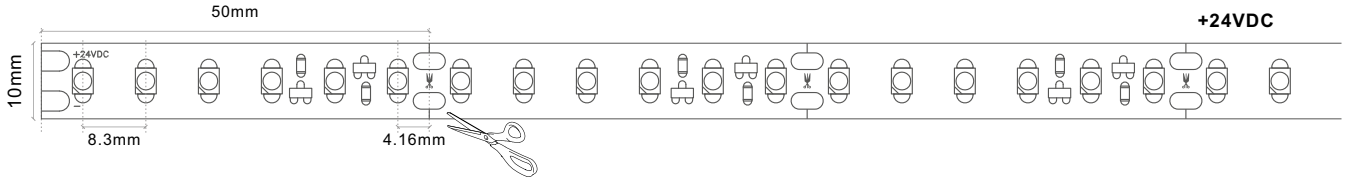
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835CC1894-120-24-Y	1800K	672LM	<9.6W		94+	4OZ
ES-2835CC2194-120-24-Y	2100K	672LM	<9.6W		94+	4OZ
ES-2835CC2394-120-24-Y	2300K	691LM	<9.6W		94+	4OZ
ES-2835CC2494-120-24-Y	2700K	740LM	<9.6W		94+	4OZ
ES-2835CC3094-120-24-Y	3000K	740LM	<9.6W		94+	4OZ
ES-2835CC3594-120-24-Y	3500K	768LM	<9.6W		94+	4OZ
ES-2835CC4094-120-24-Y	4000K	768LM	<9.6W		94+	4OZ
ES-2835CC5094-120-24-Y	5000K	768LM	<9.6W		94+	4OZ
ES-2835CC6594-120-24-Y	6500K	780LM	<9.6W		94+	4OZ



c UL us LISTED E466567 | CE | RoHS | TÜV Rheinland | 7 Jahre Garantie | LM-80 | LM-79 | Ra 90+ | 1 BIN | dimmable | 120°

Länge 20M

Max. Länge **CE:2000CM** **UL:34FT**



IP Schutzart:

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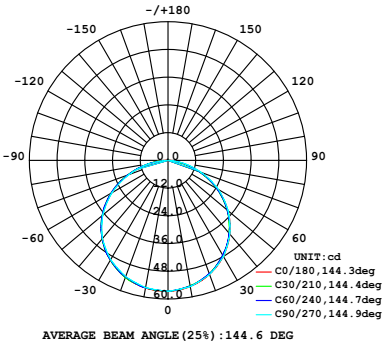
office@smart-mit-led.com www.smart-mit-led.com

ULTRALONG - Konstantstrom

smart mit led gmbh

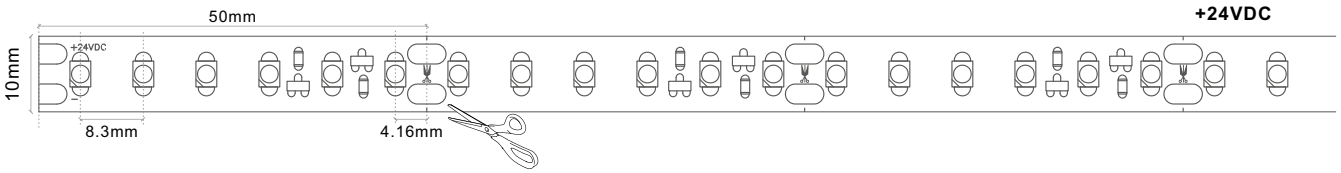
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528CC2790-120-24-Y	2700K	180LM	<2.4W		90+	4OZ
ES-3528CC3090-120-24-Y	3000K	180LM	<2.4W		90+	4OZ
ES-3528CC3590-120-24-Y	3500K	180LM	<2.4W		90+	4OZ
ES-3528CC4090-120-24-Y	4000K	195LM	<2.4W		90+	4OZ
ES-3528CC5090-120-24-Y	5000K	195LM	<2.4W		90+	4OZ
ES-3528CC6590-120-24-Y	6500K	200LM	<2.4W		90+	4OZ
ES-3528CCRO90-120-24-Y	620-625 NM NM	— —	<2.4W		90+	4OZ
ES-3528CCGE90-120-24-Y	585-590 NM NM	— —	<2.4W		90+	4OZ
ES-3528CCGR90-120-24-Y	517-522 NM NM	— —	<2.4W		90+	4OZ
ES-3528CCBL90-120-24-Y	465-470 NM NM	— —	<2.4W		90+	4OZ



c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 Ra 90+ 1 BIN 120°

Länge 40M

Max. Länge **CE:4000CM** **UL:68FT**

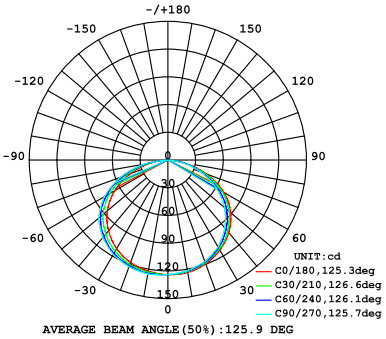


IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☑ IP67-1
- ☒ IP67-2
- ☒ IP68

ULTRALONG - Konstantstrom

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3535CROGRBL-120-24-Y	620-625 NM NM 517-522 NM NM 465-470 NM NM	657LM	<14.4W			4OZ



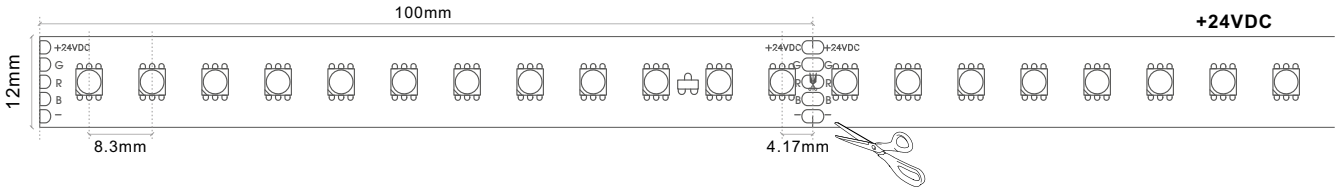
Controller

Artikel Nr.:	Beschreibung
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)

E466567

Länge **10M**

Max. Länge **CE:1000CM** **UL:32.8FT**



IP Schutzart:

- ☑ IP20
- ☑ IP54
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- ☑ IP68

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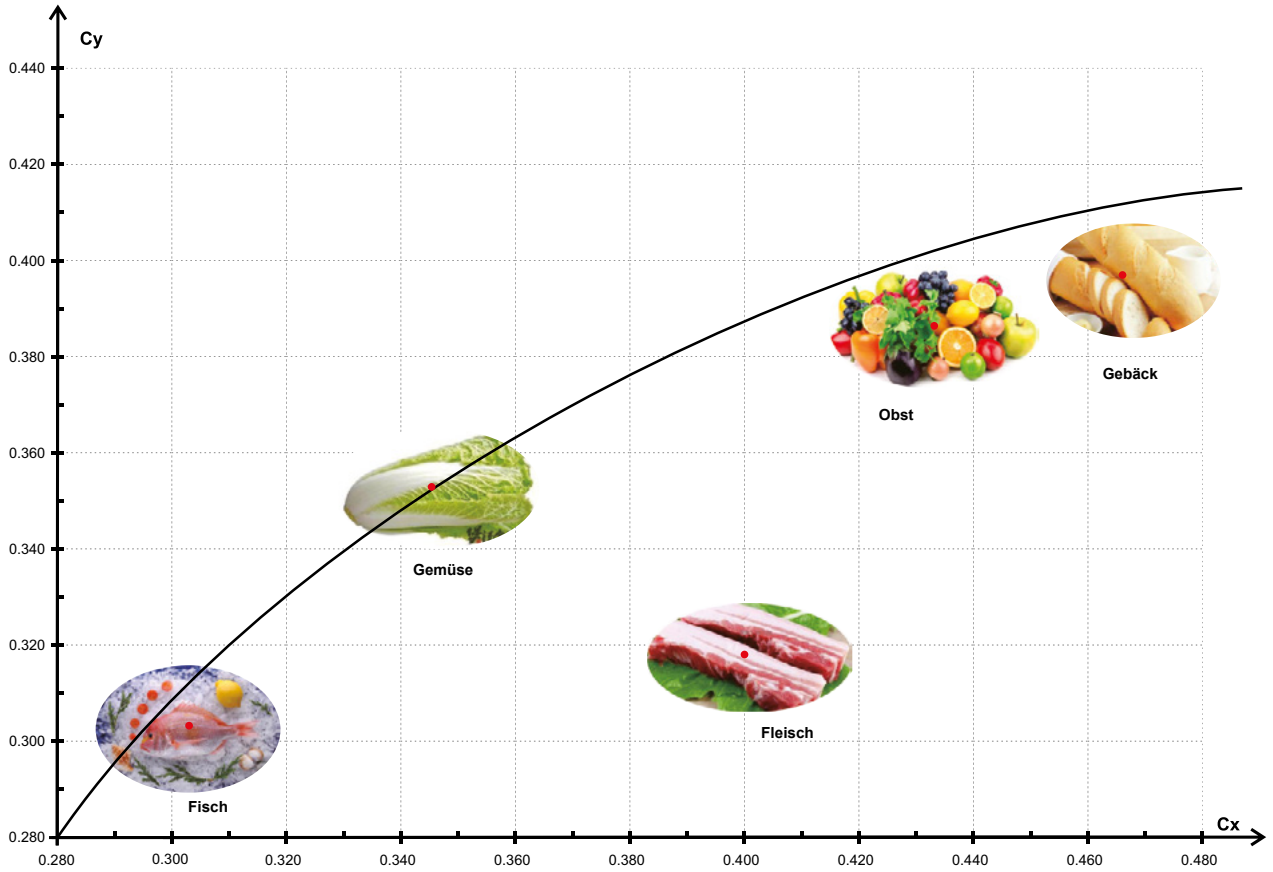
office@smart-mit-led.com www.smart-mit-led.com

Lebensmittel LED Streifen

Fresh

Anwendungsbereiche

1. Gebäck: Warm gelb
2. Fleisch: Pink
3. Obst: Gelblich
4. Gemüse: Helles gelbes Licht
5. Fisch: Tageslicht ähnliche Lichtfarbe



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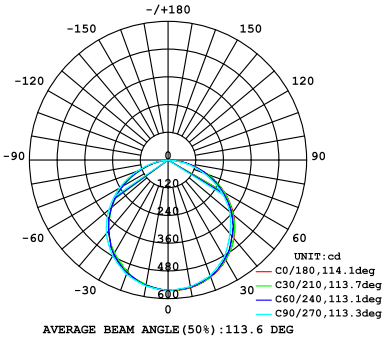
Fresh

smart mit led gmbh

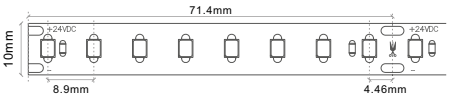
Artikel Nr.:		Lichtfarbe	Lumen/m	Watt/m	FPC	
ES-2835C25-112-24-Y	Gebäck	2500K	1368LM	<14.4W	3OZ	IP20 IP54 IP67
ES-2835C29-112-24-Y	Fleisch	Pink	1411LM	<14.4W	3OZ	
ES-2835C30-112-24-Y	Obst Gemüse	3000K	1411LM	<14.4W	3OZ	
ES-2835C50-112-24-Y	Gemüse	5000K	1512LM	<14.4W	3OZ	
ES-2835C75-112-24-Y	Fisch	7500K	1440LM	<14.4W	3OZ	



LISTED E466567

Höchst verlässlich | **Hohe Lichtqualität** | **Hohe Farbwiedergabe**

Max. Länge CE:500CM UL:16.4FT



S Type

LED **Streifen**

Produkteigenschaften

1. RA 90+(SMD3528) and RA 94+(SMD2835)
2. 12VDC und 24VDC
3. Höchst flexibel – bestens geeignet für runde Leuchten

S Type

LED **Streifen**

1

LED Type

SMD2835 | SMD3528

2

Farbtemberatur

1800 K	2100 K	2300 K	2700 K	3000 K
	3500 K	4000 K	5000 K	6500 K
				RGB

3

LED pro Meter

60

4

Spannung

24VDC | 12VDC

5

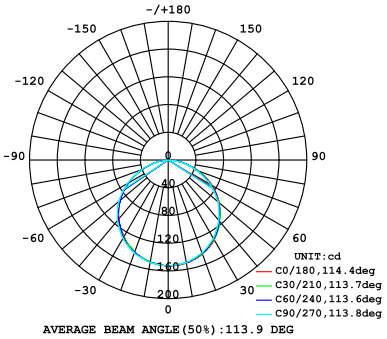
IP Schutzart

IP20 | IP54

S Type LED Streifen

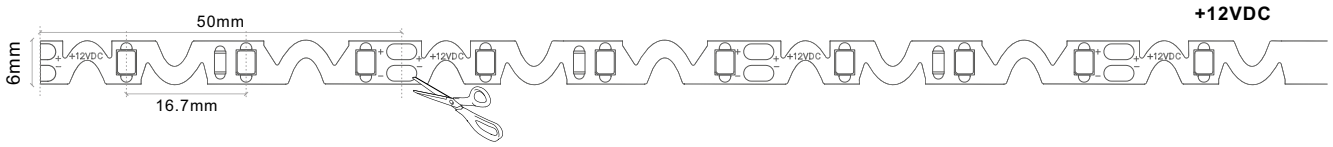
S Type

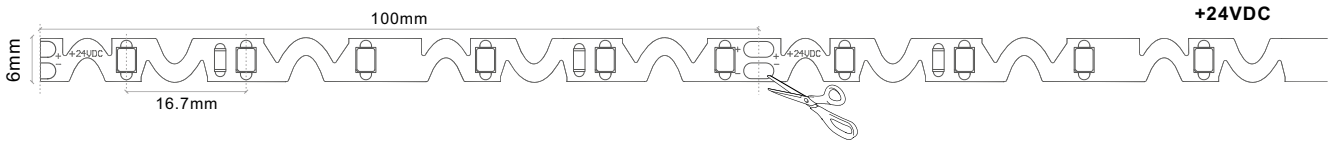
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-S2835C1894-60-24-Y	1800K	700LM	<12W		94+	2OZ
ES-S2835C2194-60-24-Y	2100K	700LM	<12W		94+	2OZ
ES-S2835C2394-60-24-Y	2300K	720LM	<12W		94+	2OZ
ES-S2835C2794-60-24-Y	2700K	780LM	<12W		94+	2OZ
ES-S2835C3094-60-24-Y	3000K	780LM	<12W		94+	2OZ
ES-S2835C3594-60-24-Y	3500K	800LM	<12W		94+	2OZ
ES-S2835C4094-60-24-Y	4000K	840LM	<12W		94+	2OZ
ES-S2835C5094-60-24-Y	5000K	840LM	<12W		94+	2OZ
ES-S2835C6594-60-24-Y	6500K	890LM	<12W		94+	2OZ



c UL us LISTED E466567

Max. Länge CE: 300CM UL: 9.8FT(12V) | 9.8FT(24V)





IP Schutzart:

☑ IP20

☑ IP54

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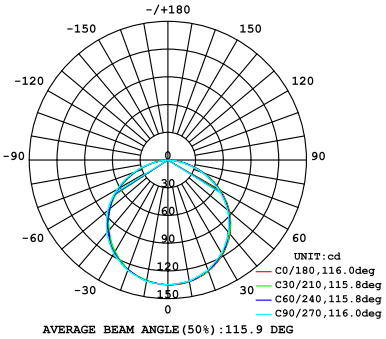
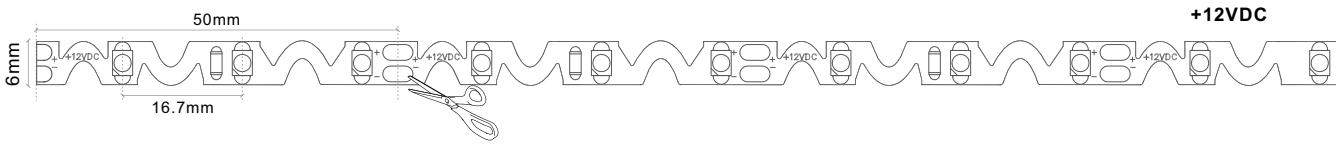
S Type

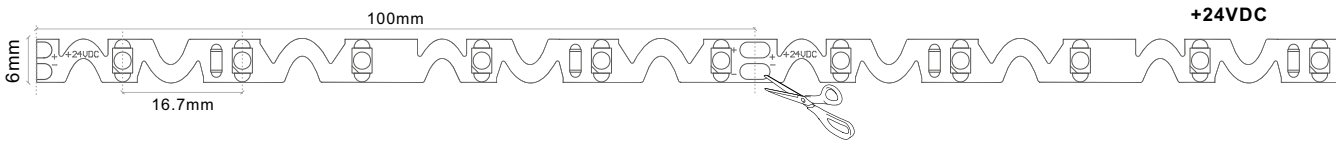
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-S3528C2790-60-24-Y	2700K	360LM	<4.8W		90+	2OZ
ES-S3528C3090-60-24-Y	3000K	360LM	<4.8W		90+	2OZ
ES-S3528C3590-60-24-Y	3500K	390LM	<4.8W		90+	2OZ
ES-S3528C4090-60-24-Y	4000K	390LM	<4.8W		90+	2OZ
ES-S3528C5090-60-24-Y	5000K	390LM	<4.8W		90+	2OZ
ES-S3528C6590-60-24-Y	6500K	400LM	<4.8W		90+	2OZ
ES-S3528CRO-60-24-Y	620-625 NM NM	— —	<4.8W		— —	2OZ
ES-S3528CGE-60-24-Y	585-590 NM NM	— —	<4.8W		— —	2OZ
ES-S3528CGR-60-24-Y	517-522 NM NM	— —	<4.8W		— —	2OZ
ES-S3528CBL-60-24-Y	465-470 NM NM	— —	<4.8W		— —	2OZ



c UL us LISTED E466567

Max. Länge CE: 500CM UL: 16.4FT(12V) | 16.4FT(24V)





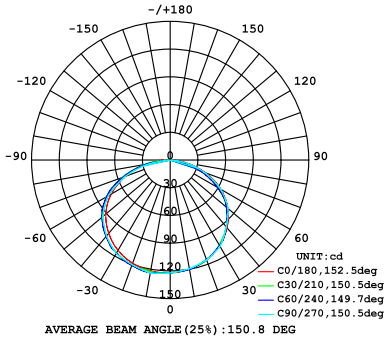
IP Schutzart:

☑ IP20

☑ IP54

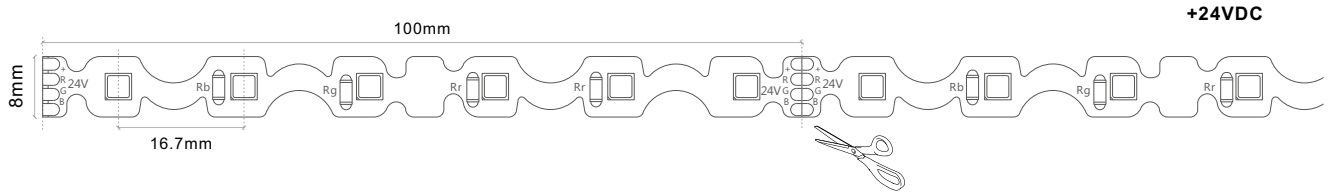
S Type

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-S3535CROGRBL-60-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	540LM	<14.4W			3OZ



c UL us LISTED E466567

Max. Länge CE: 500CM UL: 16.4FT



IP Schutzart:

☑ IP20

☑ IP54

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Side View

LED **Streifen**

Produkteigenschaften

1. Flexibler LED Streifen mit seitlicher Abstrahlung

Side View

smart mit led gmbh

LED **Streifen**

1

LED Type

SMD3014

2

Farbtemperatur

3000 K	4000 K	5000 K	6500 K

RGB | RGB W

3

LED pro Meter

120

4

Spannung

24VDC | 12VDC

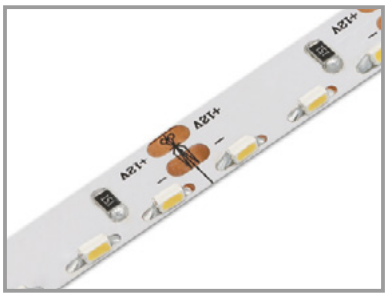
5

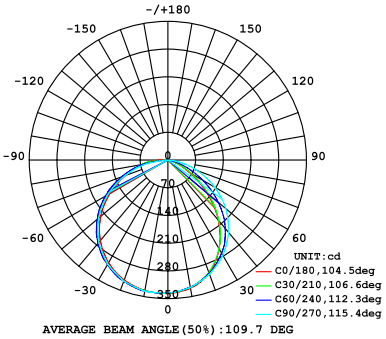
IP Schutzart

IP20 | IP54 | IP67

Side View

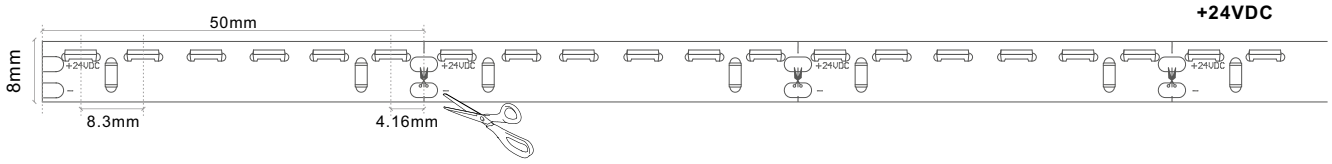
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3014C3080-120-24-Y	3000K	864LM	<9. 6W		80+	3OZ
ES-3014C4080-120-24-Y	4000K	915LM	<9. 6W		80+	3OZ
ES-3014C5080-120-24-Y	5000K	915LM	<9. 6W		80+	3OZ
ES-3014C6580-120-24-Y	6500K	915LM	<9. 6W		80+	3OZ
ES-3014CRO-120-24-Y	620-625 NM NM	— —	<9. 6W		— —	3OZ
ES-3014CGE-120-24-Y	585-590 NM NM	— —	<9. 6W		— —	3OZ
ES-3014CGR-120-24-Y	517-522 NM NM	— —	<9. 6W		— —	3OZ
ES-3014CBL-120-24-Y	465-470 NM NM	— —	<9. 6W		— —	3OZ

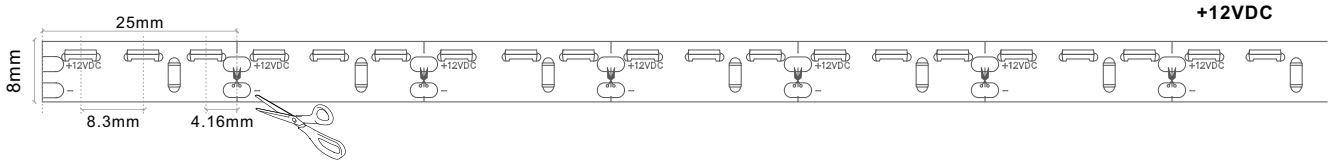




c UL us LISTED E466567

Max. Länge CE: 500CM UL: 16.4FT





IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP67-2

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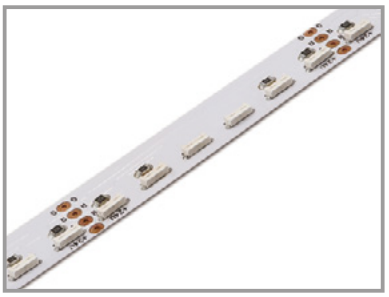
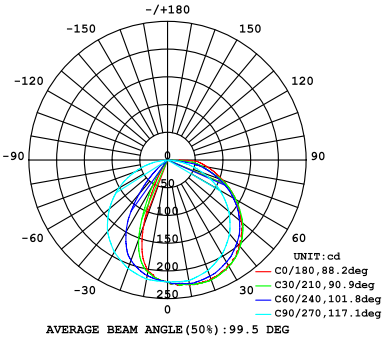
Side View

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3014ROGRBL-120-24-Y	620-625 NM NM 517-522 NM NM 465-470 NM NM	720LM	<23W			3OZ



Controller

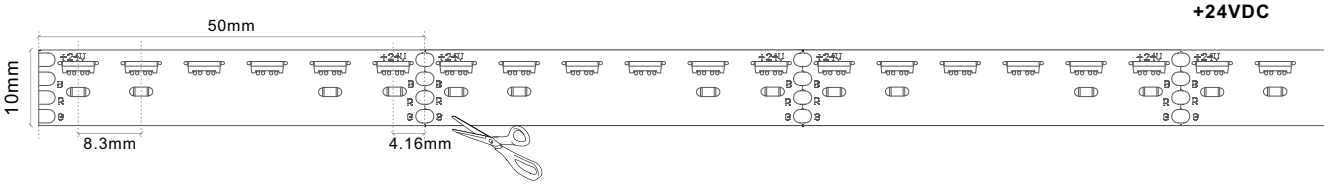
Artikel Nr.:	Beschreibung
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)



c UL us LISTED E466567

Max. Länge CE: 500CM UL: 16.4FT

+24VDC



IP Schutzart:

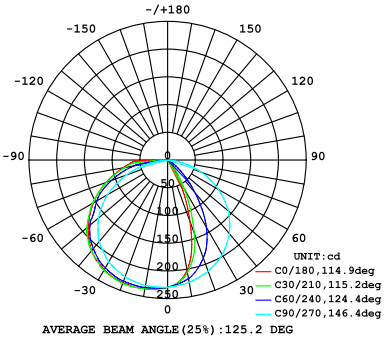
- ☑ IP20
- ☑ IP54
- ☑ IP67-2

Side View

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3014ROGRBLO-120-24-Y	620-625 NM NM 517-522 NM NM 465-470 NM NM 2700-6500 K K	565LM	<14.4W			3OZ

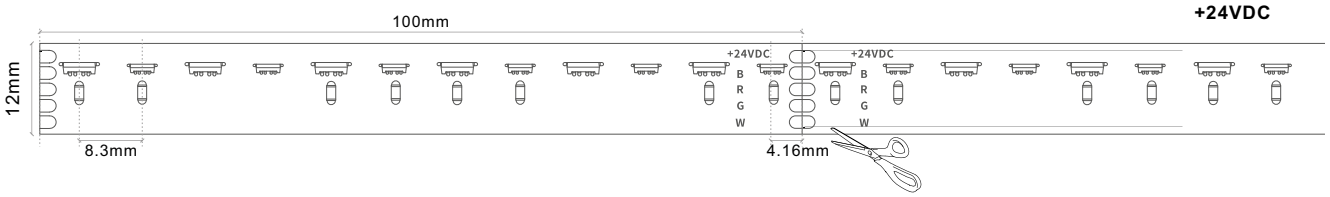
Controller

Artikel Nr.:	Beschreibung
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)



c UL us LISTED E466567

Max. Länge CE: 500CM UL: 16.4FT



IP Schutzart:

- ☑ IP20
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- ☑ IP67-2

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COL

3D

LED **Streifen**

Produkteigenschaften

1. 3D Streifen - 90-180Grad biegbar.
2. RA 90+(SMD3528) and RA 94+(SMD2835)
3. IP20 und IP67

3D

LED **Streifen**

1

LED Type

SMD3528

2

Farbtemperatur

2700 K	3000 K	3500 K
4000 K	5000 K	6500 K

3

LED pro Meter

120

4

Spannung

24VDC

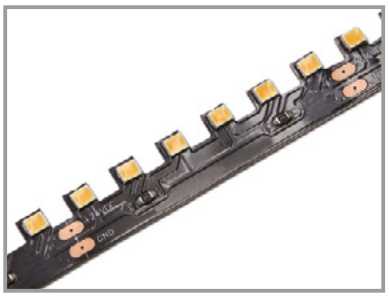
5

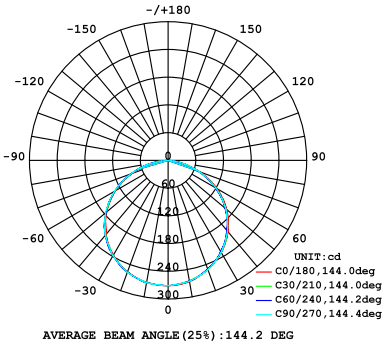
IP Schutzart

IP20 | IP67

3D

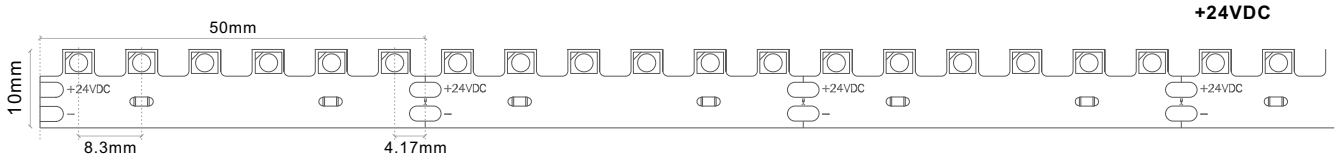
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3D3528C2790-120-24-Y	2700K	740LM	<9. 6W		90+	3OZ
ES-3D3528C3090-120-24-Y	3000K	740LM	<9. 6W		90+	3OZ
ES-3D3528C3590-120-24-Y	3500K	740LM	<9. 6W		90+	3OZ
ES-3D3528C4090-120-24-Y	4000K	768LM	<9. 6W		90+	3OZ
ES-3D3528C6590-120-24-Y	6500K	780LM	<9. 6W		90+	3OZ
ES-3D3014CRO-120-24-Y	620-625 NM NM	— —	<9. 6W		— —	3OZ
ES-3D3014CGE-120-24-Y	585-590 NM NM	— —	<9. 6W		— —	3OZ
ES-3D3014CGR-120-24-Y	517-522 NM NM	— —	<9. 6W		— —	3OZ
ES-3D3014CBL-120-24-Y	465-470 NM NM	— —	<9. 6W		— —	3OZ





c UL us LISTED E466567

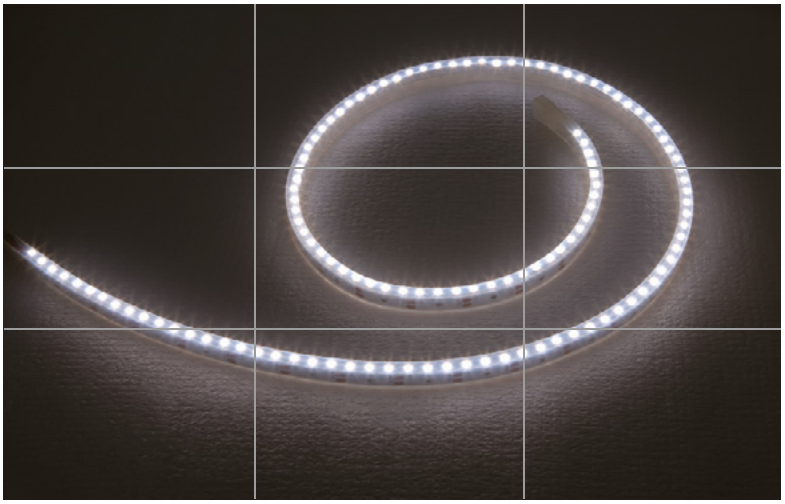
Max. Länge CE: 500CM UL: 16.4FT



IP Schutzart:

☑ IP20

☑ IP67-2



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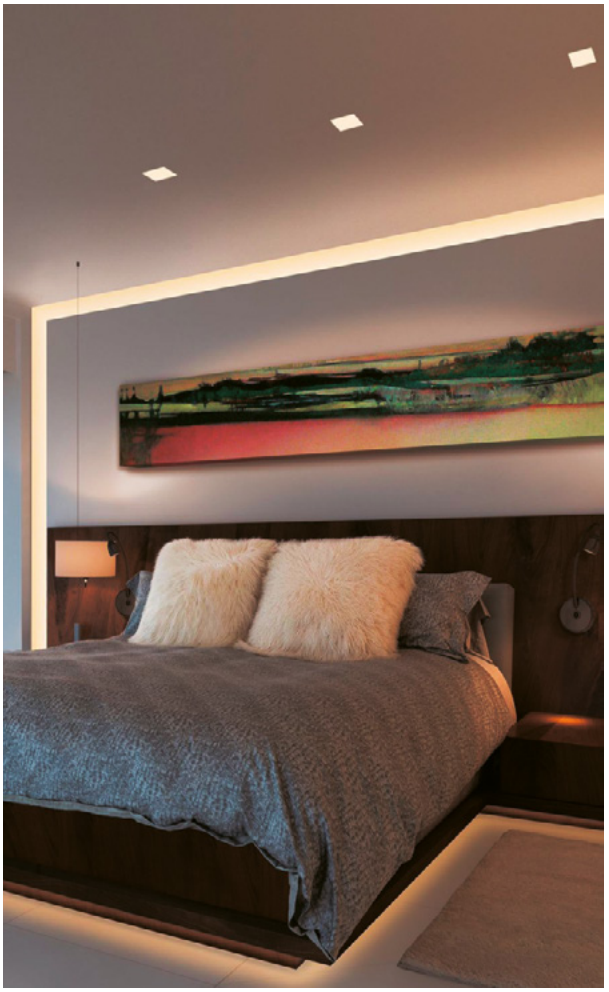

Multi Row

RA 94+ SMD2835 Series
RA 82+ SMD2835 Series

Multi Row LED Streifen

Produkteigenschaften

1. Höchst effizient mit 140 LM/W(Ra 82+) and 110 LM/W(Ra 94+).
2. LED Streifen Breiten von 20mm,30mm und 55 mm

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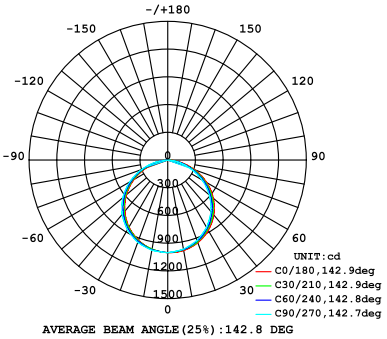
Multi Row

7 Jahre Garantie | Ra 94+

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C1894-480-24-Y	1800K	2600LM	<30W	85LM/W	94+	2OZ
ES-2835C2194-480-24-Y	2100K	2600LM	<30W	85LM/W	94+	2OZ
ES-2835C2394-480-24-Y	2300K	2850LM	<30W	95LM/W	94+	2OZ
ES-2835C2794-480-24-Y	2700K	3150LM	<30W	105LM/W	94+	2OZ
ES-2835C3094-480-24-Y	3000K	3150LM	<30W	105LM/W	94+	2OZ
ES-2835C3594-480-24-Y	3500K	3300LM	<30W	110LM/W	94+	2OZ
ES-2835C4094-480-24-Y	4000K	3450LM	<30W	115LM/W	94+	2OZ
ES-2835C5094-480-24-Y	5000K	3450LM	<30W	115LM/W	94+	2OZ
ES2835C6594-480-24-Y	6500K	3540LM	<30W	118LM/W	94+	2OZ

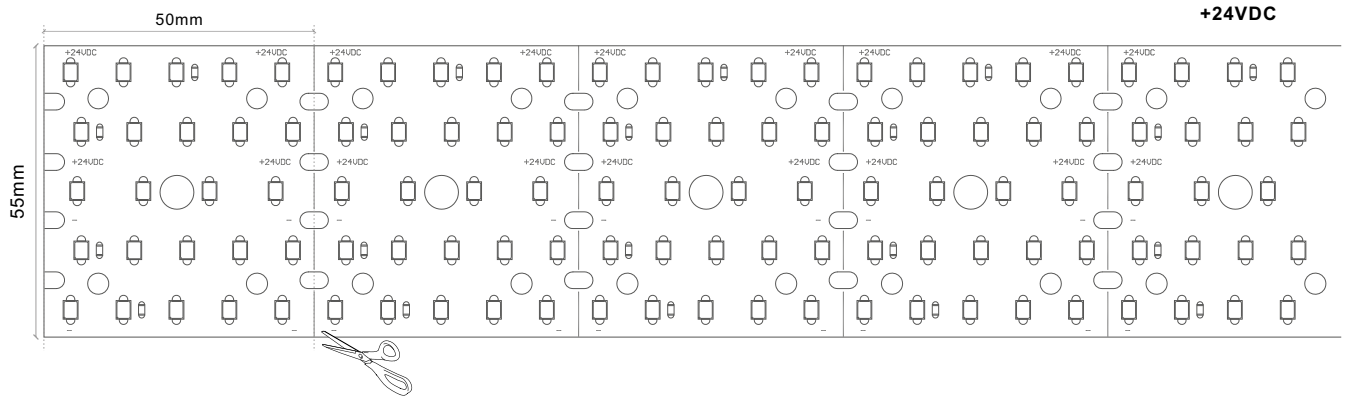


3 Jahre Garantie | Ra 82+

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C3082-480-24-Y	3000K	4200LM	<30W	140LM/W	82+	2OZ
ES-2835C3582-480-24-Y	3500K	4200LM	<30W	140LM/W	82+	2OZ
ES-2835C4082-480-24-Y	4000K	4500LM	<30W	150LM/W	82+	2OZ
ES-2835C5082-480-24-Y	5000K	4800LM	<30W	160LM/W	82+	2OZ
ES-2835C6582-480-24-Y	6500K	4800LM	<30W	160LM/W	82+	2OZ

c UL us LISTED E466567 | CE | RoHS | LM-80 | LM-79 | 1 BIN | 120°

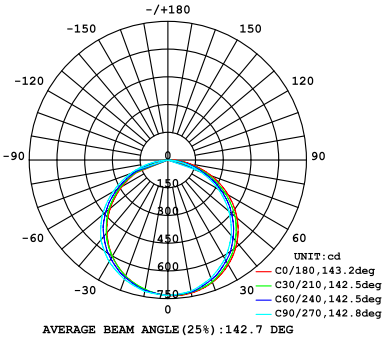
Max. Länge CE:500CM UL:10.92FT



Multi Row

7 years warranty | Ra 94+

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C1894-320-24-Y	1800K	2100LM	<25W	85LM/W	94+	2OZ
ES-2835C2194-320-24-Y	2100K	2100LM	<25W	85LM/W	94+	2OZ
ES-2835C2394-320-24-Y	2300K	2375LM	<25W	95LM/W	94+	2OZ
ES-2835C2794-320-24-Y	2700K	2625LM	<25W	105LM/W	94+	2OZ
ES-2835C3094-320-24-Y	3000K	2625LM	<25W	105LM/W	94+	2OZ
ES-2835C3594-320-24-Y	3500K	2750LM	<25W	110LM/W	94+	2OZ
ES-2835C4094-320-24-Y	4000K	2875LM	<25W	115LM/W	94+	2OZ
ES-2835C5094-320-24-Y	5000K	2875LM	<25W	115LM/W	94+	2OZ
ES-2835C6594-320-24-Y	6500K	2950LM	<25W	118LM/W	94+	2OZ

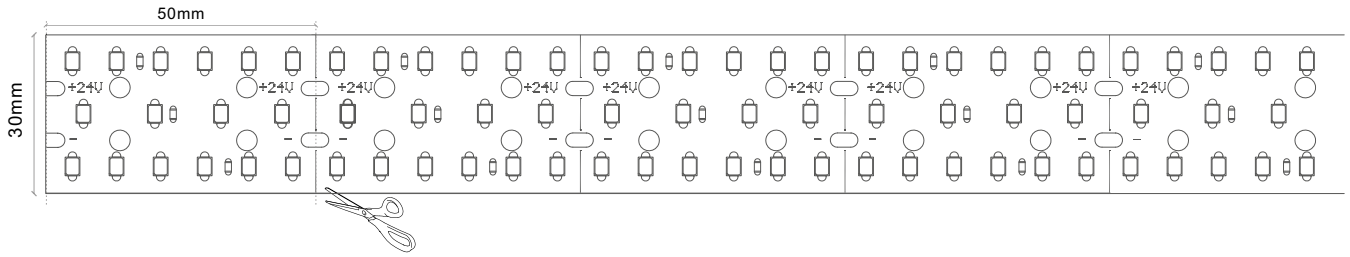


3 Jahre Garantie | Ra 82+

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C3082-320-24-Y	3000K	3500LM	<25W	140LM/W	82+	2OZ
ES-2835C3582-320-24-Y	3500K	3500LM	<25W	140LM/W	82+	2OZ
ES-2835C4082-320-24-Y	4000K	3750LM	<25W	150LM/W	82+	2OZ
ES-2835C5082-320-24-Y	5000K	4000LM	<25W	160LM/W	82+	2OZ
ES-2835C6582-320-24-Y	6500K	4000LM	<25W	160LM/W	82+	2OZ

c UL us LISTED E466567 | CE | RoHS | LM-80 | LM-79 | 1 BIN | 120°

Max. Länge CE:500CM UL:13.16FT



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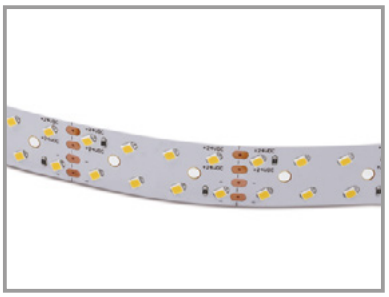
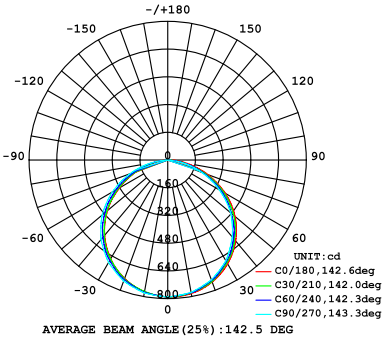
Multi Row

7 Jahre Garantie | Ra 94+

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C1894-160-24-Y	1800K	1700LM	<20W	85LM/W	94+	2OZ
ES-2835C2194-160-24-Y	2100K	1700LM	<20W	85LM/W	94+	2OZ
ES-2835C2394-160-24-Y	2300K	1900LM	<20W	95LM/W	94+	2OZ
ES-2835C2794-160-24-Y	2700K	2100LM	<20W	105LM/W	94+	2OZ
ES-2835C3094-160-24-Y	3000K	2100LM	<20W	105LM/W	94+	2OZ
ES-2835C3594-160-24-Y	3500K	2200LM	<20W	110LM/W	94+	2OZ
ES-2835C4094-160-24-Y	4000K	2300LM	<20W	115LM/W	94+	2OZ
ES-2835C5094-160-24-Y	5000K	2300LM	<20W	115LM/W	94+	2OZ
ES-2835C6594-160-24-Y	6500K	2360LM	<20W	118LM/W	94+	2OZ



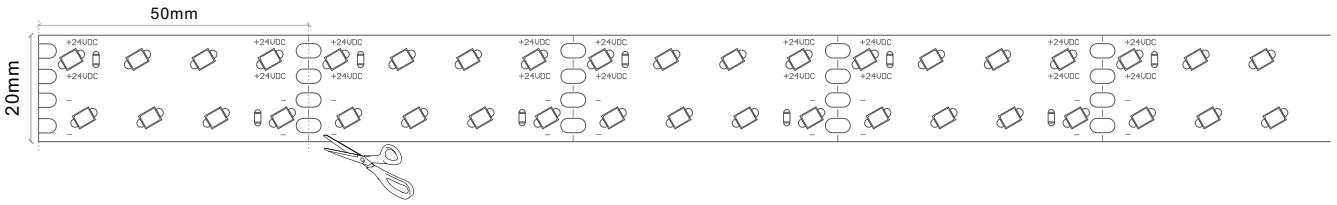


3 Jahre Garantie | Ra 82+

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C3082-160-24-Y	3000K	2800LM	<20W	140LM/W	82+	2OZ
ES-2835C3582-160-24-Y	3500K	2800LM	<20W	140LM/W	82+	2OZ
ES-2835C4082-160-24-Y	4000K	3000LM	<20W	150LM/W	82+	2OZ
ES-2835C5082-160-24-Y	5000K	3000LM	<20W	150LM/W	82+	2OZ
ES-2835C6582-160-24-Y	6500K	3000LM	<20W	150LM/W	82+	2OZ

c UL us LISTED E466567 | CE | RoHS | LM-80 | LM-79 | 1 BIN | 120°

Max. Länge CE:500CM UL:16.4FT



Super Slim

4mm LED **Streifen**

Produkteigenschaften

1. 4mm LED Streifen mit SMD2216 LED.
2. Höchst effizient mit 100LM/W mit 7LEDs und 85LM/W mit 6LEDs
3. IP20 und IP54

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Super Slim

smart mit led gmbh

4mm LED **Streifen**

1

LED Type

SMD2216

2

Farbtemperatur

1800 K	2100 K	2300 K	2700 K	3000 K
	3500 K	4000 K	5000 K	6500 K

3

LED pro Meter

266 | 264 | 182 | 180

120 | 112

4

Spannung

24VDC

5

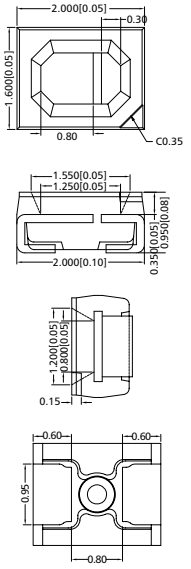
IP Schutzart

IP20 | IP54 | IP65

IP67 | IP68

Superslim 4mm LED Streifen

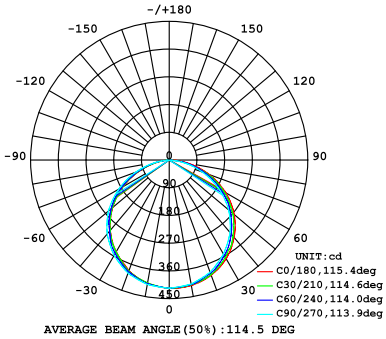
Model	Color temp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD2216	1800K	7LM	8LM	30mA	3.0V	3.2V	90+
	2100K	7LM	8LM	30mA	3.0V	3.2V	90+
	2300K	7LM	8LM	30mA	3.0V	3.2V	90+
	2700K	8LM	9LM	30mA	3.0V	3.2V	90+
	3000K	9LM	10LM	30mA	3.0V	3.2V	90+
	3500K	9LM	10LM	30mA	3.0V	3.2V	90+
	4000K	10LM	11LM	30mA	3.0V	3.2V	90+
	5000K	10LM	11LM	30mA	3.0V	3.2V	90+
	6500K	10LM	11LM	30mA	3.0V	3.2V	90+



smart mit led gmbh

Super Slim 4mm

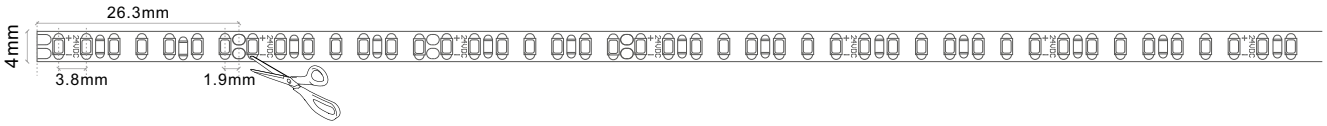
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-266H-24-Y	1800K	950LM	<12W	79LM/W	90+	3OZ
ES-2216C2190-266H-24-Y	2100K	1000LM	<12W	83LM/W	90+	3OZ
ES-2216C2390-266H-24-Y	2300K	1000LM	<12W	83LM/W	90+	3OZ
ES-2216C2790-266H-24-Y	2700K	1050LM	<12W	87LM/W	90+	3OZ
ES-2216C3090-266H-24-Y	3000K	1050LM	<12W	87LM/W	90+	3OZ
ES-2216C3590-266H-24-Y	3500K	1050LM	<12W	87LM/W	90+	3OZ
ES-2216C4090-266H-24-Y	4000K	1200LM	<12W	100LM/W	90+	3OZ
ES-2216C5090-266H-24-Y	5000K	1200LM	<12W	100LM/W	90+	3OZ
ES-2216C6590-266H-24-Y	6500K	1200LM	<12W	100LM/W	90+	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT

+24VDC



IP Schutzart:

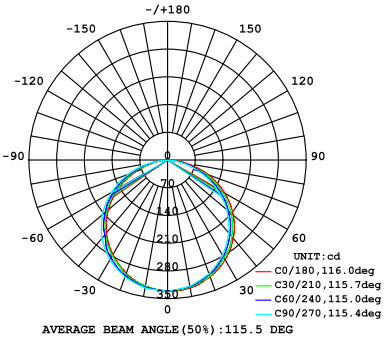
☑ IP20

☑ IP54

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

Super Slim 4mm

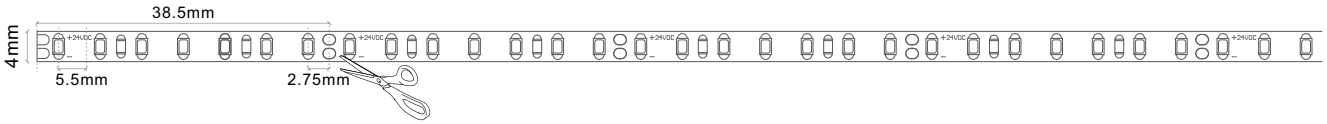
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-182H-24-Y	1800K	690LM	<9W	76LM/W	90+	3OZ
ES-2216C2190-182H-24-Y	2100K	720LM	<9W	80LM/W	90+	3OZ
ES-2216C2390-182H-24-Y	2300K	720LM	<9W	80LM/W	90+	3OZ
ES-2216C2790-182H-24-Y	2700K	780LM	<9W	86LM/W	90+	3OZ
ES-2216C3090-182H-24-Y	3000K	780LM	<9W	86LM/W	90+	3OZ
ES-2216C3590-182H-24-Y	3500K	780LM	<9W	86LM/W	90+	3OZ
ES-2216C4090-182H-24-Y	4000K	850LM	<9W	94LM/W	90+	3OZ
ES-2216C5090-182H-24-Y	5000K	850LM	<9W	94LM/W	90+	3OZ
ES-2216C6590-182H-24-Y	6500K	850LM	<9W	94LM/W	90+	3OZ



E466567

Max. Länge CE:500CM UL:16.4FT

+24VDC



IP Schutzart:

☑ IP20

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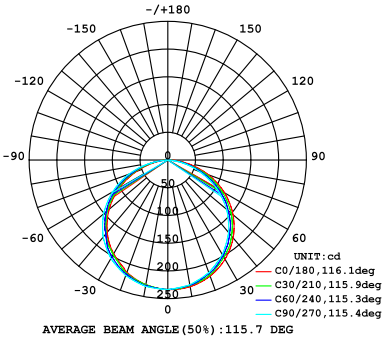
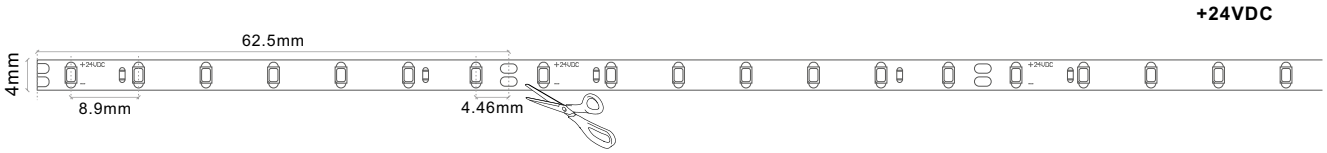
Super Slim 4mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-112H-24-Y	1800K	570LM	<7.2W	79LM/W	90+	3OZ
ES-2216C2190-112H-24-Y	2100K	600LM	<7.2W	83LM/W	90+	3OZ
ES-2216C2390-112H-24-Y	2300K	600LM	<7.2W	83LM/W	90+	3OZ
ES-2216C2790-112H-24-Y	2700K	620LM	<7.2W	86LM/W	90+	3OZ
ES-2216C3090-112H-24-Y	3000K	620LM	<7.2W	86LM/W	90+	3OZ
ES-2216C3590-112H-24-Y	3500K	620LM	<7.2W	86LM/W	90+	3OZ
ES-2216C4090-112H-24-Y	4000K	680LM	<7.2W	94LM/W	90+	3OZ
ES-2216C5090-112H-24-Y	5000K	680LM	<7.2W	94LM/W	90+	3OZ
ES-2216C6590-112H-24-Y	6500K	680LM	<7.2W	94LM/W	90+	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

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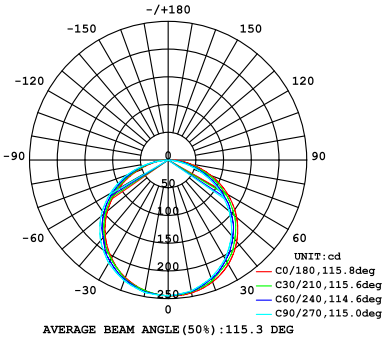
office@smart-mit-led.com www.smart-mit-led.com

Super Slim 4mm

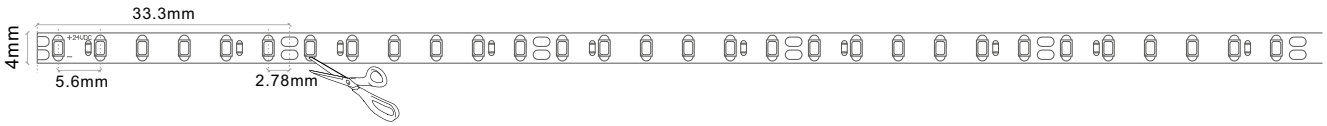
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-180-24-Y	1800K	600LM	<9W		90+	3OZ
ES-2216C2190-180-24-Y	2100K	630LM	<9W		90+	3OZ
ES-2216C2390-180-24-Y	2300K	630LM	<9W		90+	3OZ
ES-2216C2790-180-24-Y	2700K	680LM	<9W		90+	3OZ
ES-2216C3090-180-24-Y	3000K	680LM	<9W		90+	3OZ
ES-2216C3590-180-24-Y	3500K	680LM	<9W		90+	3OZ
ES-2216C4090-180-24-Y	4000K	760LM	<9W		90+	3OZ
ES-2216C5090-180-24-Y	5000K	760LM	<9W		90+	3OZ
ES-2216C6590-180-24-Y	6500K	778LM	<9W		90+	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT

+24VDC



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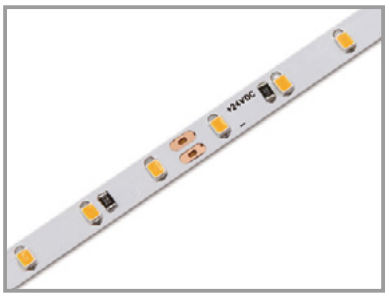
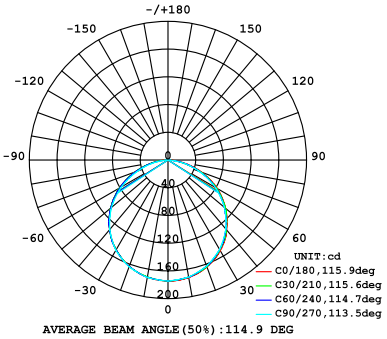
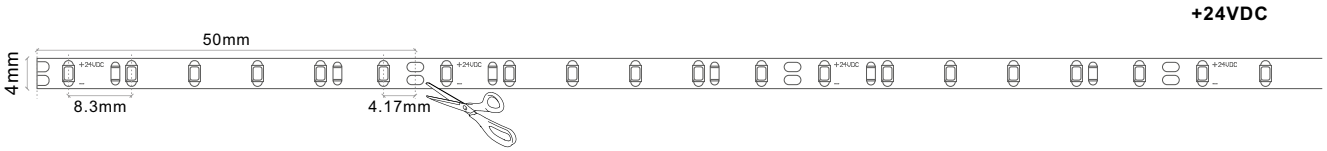
Super Slim 4mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-120-24-Y	1800K	500LM	<7.2W		90+	3OZ
ES-2216C2190-120-24-Y	2100K	540LM	<7.2W		90+	3OZ
ES-2216C2390-120-24-Y	2300K	540LM	<7.2W		90+	3OZ
ES-2216C2790-120-24-Y	2700K	573LM	<7.2W		90+	3OZ
ES-2216C3090-120-24-Y	3000K	573LM	<7.2W		90+	3OZ
ES-2216C3590-120-24-Y	3500K	573LM	<7.2W		90+	3OZ
ES-2216C4090-120-24-Y	4000K	600LM	<7.2W		90+	3OZ
ES-2216C5090-120-24-Y	5000K	600LM	<7.2W		90+	3OZ
ES-2216C6590-120-24-Y	6500K	620LM	<7.2W		90+	3OZ





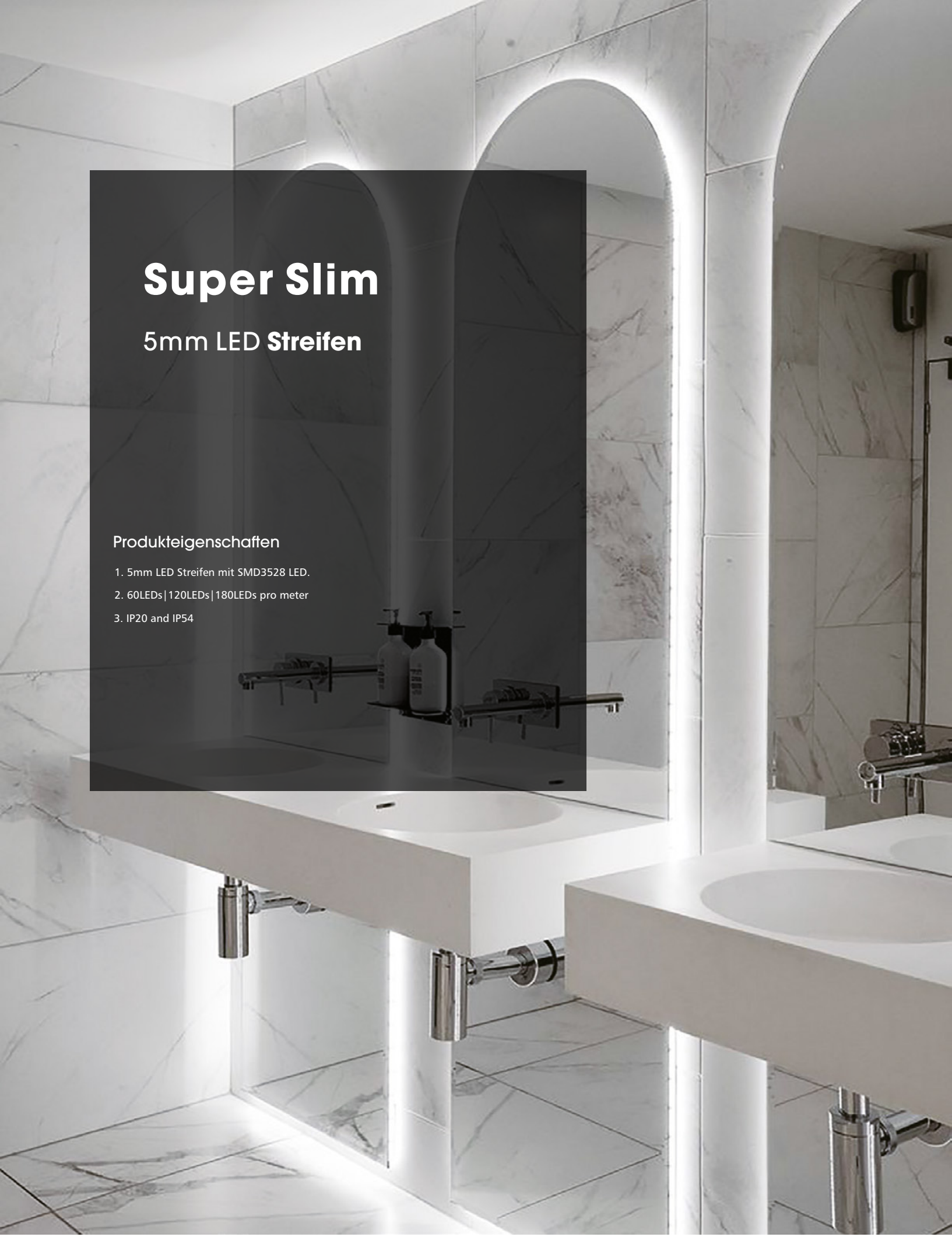
Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

☑ IP20

☑ IP54



Super Slim

5mm LED **Streifen**

Produkteigenschaften

1. 5mm LED Streifen mit SMD3528 LED.
2. 60LEDs|120LEDs|180LEDs pro meter
3. IP20 and IP54

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

Super Slim

smart mit led gmbh

5mm LED **Streifen**

1

LED Type

SMD3528

2

Farbtemperatur

2700 K	3000 K	3500 K
4000 K	5000 K	6500 K

3

LED pro Meter

180 | 120 | 60

4

Spannung

24VDC | 12VDC

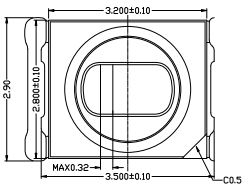
5

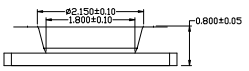
IP Schutzart

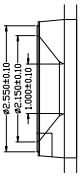
IP20 | IP54

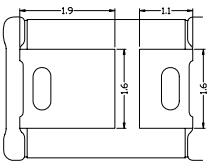
Superslim 5mm LED Streifen

Model	CCT Wave lengths	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD3528	2700K	16LM	18LM	60mA	3.0V	3.2V	90+
	3000K	16LM	18LM	60mA	3.0V	3.2V	90+
	3500K	18LM	20LM	60mA	3.0V	3.2V	90+
	4000K	18LM	20LM	60mA	3.0V	3.2V	90+
	5000K	18LM	20LM	60mA	3.0V	3.2V	90+
	6500K	18LM	20LM	60mA	3.0V	3.2V	90+
	620-625 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	585-590 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	517-522 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	465-470 NM NM	— —	— —	60mA	3.0V	3.2V	— —



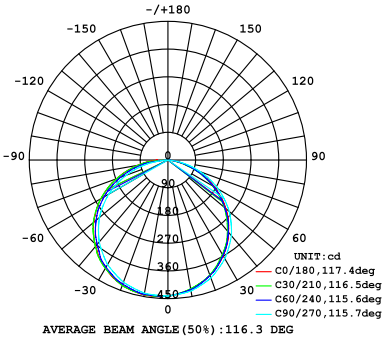






Super Slim 5mm

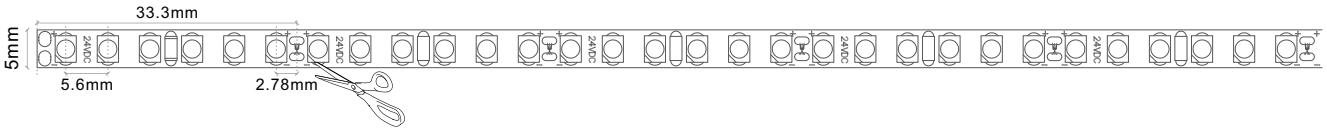
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-180H-24-Y	2700K	1026LM	<14.4W		90+	3OZ
ES-3528C3090-180H-24-Y	3000K	1026LM	<14.4W		90+	3OZ
ES-3528C3590-180H-24-Y	3500K	1026LM	<14.4W		90+	3OZ
ES-3528C4090-180H-24-Y	4000K	1100LM	<14.4W		90+	3OZ
ES-3528C5090-180H-24-Y	5000K	1100LM	<14.4W		90+	3OZ
ES-3528C6590-180H-24-Y	6500K	1150LM	<14.4W		90+	3OZ
ES-3528CRO-180H-24-Y	620-625 NM NM	— —	<14.4W		90+	3OZ
ES-3528CGE-180H-24-Y	585-590 NM NM	— —	<14.4W		90+	3OZ
ES-3528CGR-180H-24-Y	517-522 NM NM	— —	<14.4W		90+	3OZ
ES-3528CBL-180H-24-Y	465-470 NM NM	— —	<14.4W		90+	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT

+24VDC



IP Schutzart:

☑ IP20

☑ IP54

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Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
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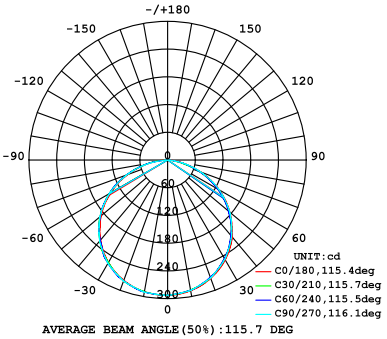
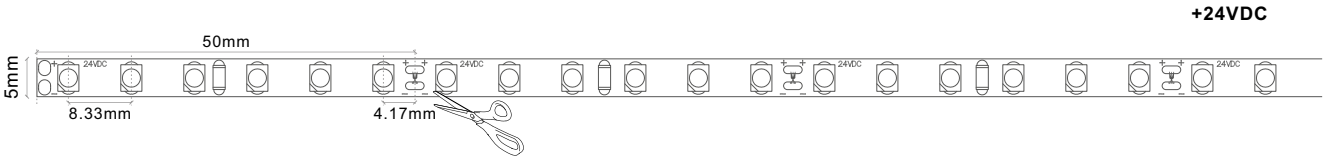
Super Slim 5mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-120H-24-Y	2700K	740LM	<9.6W		90+	3OZ
ES-3528C3090-120H-24-Y	3000K	740LM	<9.6W		90+	3OZ
ES-3528C3590-120H-24-Y	3500K	740LM	<9.6W		90+	3OZ
ES-3528C4090-120H-24-Y	4000K	768LM	<9.6W		90+	3OZ
ES-3528C5090-120H-24-Y	5000K	768LM	<9.6W		90+	3OZ
ES-3528C6590-120H-24-Y	6500K	780LM	<9.6W		90+	3OZ
ES-3528CRO-120H-24-Y	620-625 NM NM	— —	<9.6W		90+	3OZ
ES-3528CGE-120H-24-Y	585-590 NM NM	— —	<9.6W		90+	3OZ
ES-3528CGR-120H-24-Y	517-522 NM NM	— —	<9.6W		90+	3OZ
ES-3528CBL-120H-24-Y	465-470 NM NM	— —	<9.6W		90+	3OZ



E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

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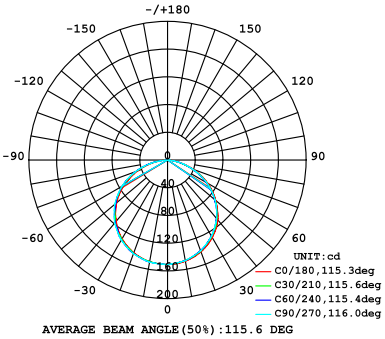
Super Slim 5mm

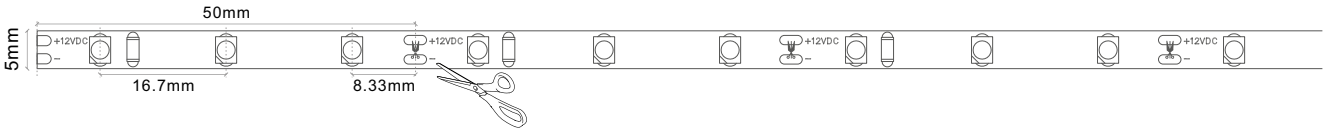
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-60H-12-Y	2700K	360LM	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528C3090-60H-12-Y	3000K	360LM	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528C3590-60H-12-Y	3500K	360LM	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528C4090-60H-12-Y	4000K	390LM	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528C5090-60H-12-Y	5000K	390LM	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528C6590-60H-12-Y	6500K	400LM	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528CRO-60H-12-Y	620-625 NM NM	— —	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528CGE-60H-12-Y	585-590 NM NM	— —	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528CGR-60H-12-Y	517-522 NM NM	— —	<4.8W		90+	3OZ(12V) 2OZ(24V)
ES-3528CBL-60H-12-Y	465-470 NM NM	— —	<4.8W		90+	3OZ(12V) 2OZ(24V)



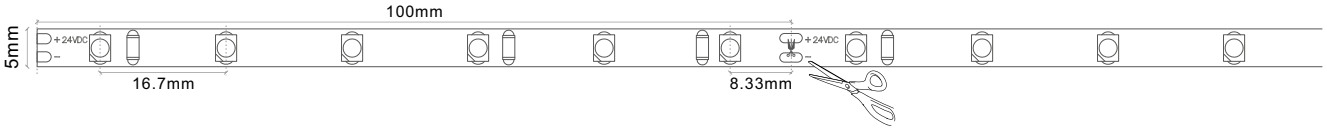
c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT(12V) | 16.4FT(24V)

+12VDC



+24VDC



IP Schutzart:

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office@smart-mit-led.com www.smart-mit-led.com

+24VDC
+24VDC

High Density

Ra 90+
Ra 97+

RA 90+ SMD2216 Series
RA 97+

Produkteigenschaften

1. Hohe Farbwiedergabe RA 90+,RA 97+
2. Durchgängige Lichtlinie auch bei kleinem Abstand zur Abdeckung oder angestrahlter Oberfläche

High Density Ra 90+ Ra 97+

smart mit led gmbh

1

LED Type

SMD2216

2

Farbtemberatur

1800 K	2100 K	2300 K	2700 K	3000 K
	3500 K	4000 K	5000 K	6500 K

3

LED pro Meter

490 | 364 | 238 | 266

182 | 112

4

Spannung

24VDC

5

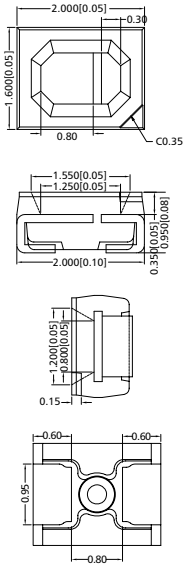
IP Schutzart

IP20 | IP54 | IP65

IP67 | IP68

High Density LED Streifen

Model	Color temp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD2216	1800K	7LM	8LM	30mA	3.0V	3.2V	90+
	2100K	7LM	8LM	30mA	3.0V	3.2V	90+
	2300K	7LM	8LM	30mA	3.0V	3.2V	90+
	2700K	8LM	9LM	30mA	3.0V	3.2V	90+
	3000K	9LM	10LM	30mA	3.0V	3.2V	90+
	3500K	9LM	10LM	30mA	3.0V	3.2V	90+
	4000K	10LM	11LM	30mA	3.0V	3.2V	90+
	5000K	10LM	11LM	30mA	3.0V	3.2V	90+
	6500K	10LM	11LM	30mA	3.0V	3.2V	90+

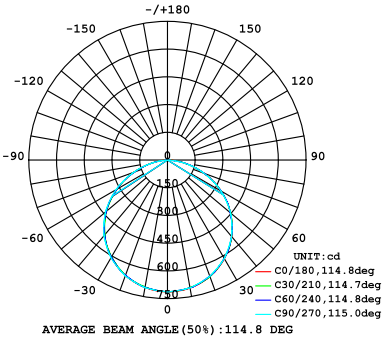


High Density

RA 90+ SMD2216

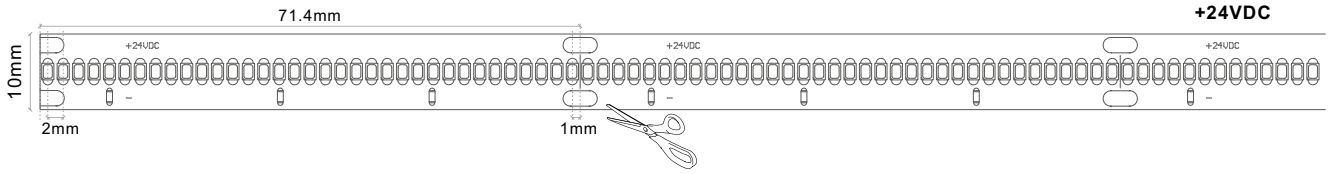
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-490-24-Y	1800K	2116LM	<23W	92LM/W	90+	3OZ
ES-FS2216C2190-490--Y	2100K	2185LM	<23W	95LM/W	90+	3OZ
ES-2216C2390-490-24-Y	2300K	2185LM	<23W	95LM/W	90+	3OZ
ES-2216C2790-490-24-Y	2700K	2300LM	<23W	100LM/W	90+	3OZ
ES-2216C3090-490-24-Y	3000K	2300LM	<23W	100LM/W	90+	3OZ
ES-2216C3590-490-24-Y	3500K	2300LM	<23W	100LM/W	90+	3OZ
ES-2216C4090-490-24-Y	4000K	2369LM	<23W	103LM/W	90+	3OZ
ES-2216C5090-490-24-Y	5000K	2369LM	<23W	103LM/W	90+	3OZ
ES-2216C6590-490-24-Y	6500K	2277LM	<23W	99LM/W	90+	3OZ



c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 97+ Ra (available) 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



IPSchutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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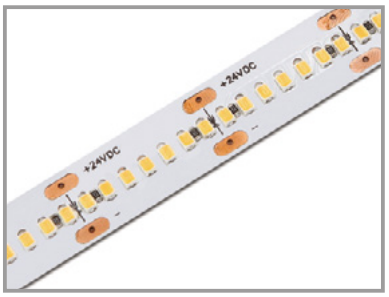
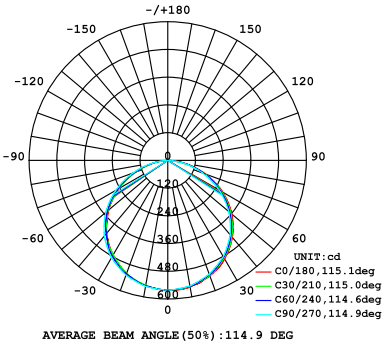
High Density

RA 90+ SMD2216

smart mit led gmbh

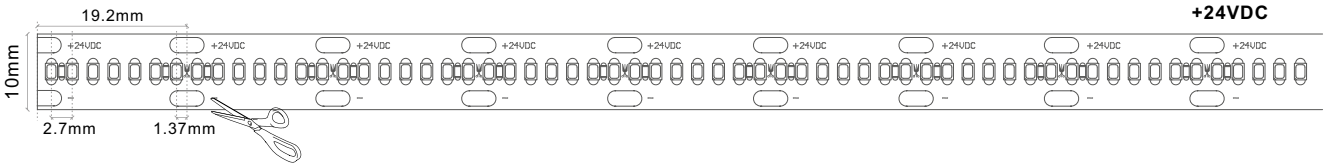
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-364-24-Y	1800K	2000LM	<23W	87LM/W	90+	3OZ
ES-2216C2190-364-24-Y	2100K	2070LM	<23W	90LM/W	90+	3OZ
ES-2216C2390-364-24-Y	2300K	2070LM	<23W	90LM/W	90+	3OZ
ES-2216C2790-364-24-Y	2700K	2185LM	<23W	95LM/W	90+	3OZ
ES-2216C3090-364-24-Y	3000K	2185LM	<23W	95LM/W	90+	3OZ
ES-2216C3590-364-24-Y	3500K	2185LM	<23W	95LM/W	90+	3OZ
ES-2216C4090-364-24-Y	4000K	2229LM	<23W	98LM/W	90+	3OZ
ES-2216C5090-364-24-Y	5000K	2254LM	<23W	98LM/W	90+	3OZ
ES-2216C6590-364-24-Y	6500K	2208LM	<23W	96LM/W	90+	3OZ





c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 97+ Ra (available) 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

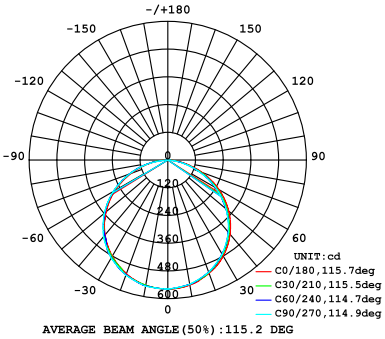
- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

High Density

RA 90+ SMD2216

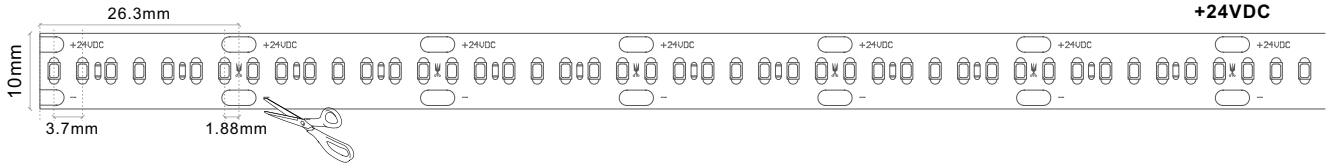
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-266-24-Y	1800K	1750LM	<19.2W	91LM/W	90+	3OZ
ES-2216C2390-266-24-Y	2100K	1800LM	<19.2W	94LM/W	90+	3OZ
ES-2216C2390-266-24-Y	2300K	1800LM	<19.2W	94LM/W	90+	3OZ
ES-2216C2790-266-24-Y	2700K	1850LM	<19.2W	96LM/W	90+	3OZ
ES-2216C3090-266-24-Y	3000K	1950LM	<19.2W	102LM/W	90+	3OZ
ES-2216C3590-266-24-Y	3500K	1950LM	<19.2W	102LM/W	90+	3OZ
ES-2216C4090-266-24-Y	4000K	2070LM	<19.2W	108LM/W	90+	3OZ
ES-2216C5090-266-24-Y	5000K	2070LM	<19.2W	108LM/W	90+	3OZ
ES-2216C6590-266-24-Y	6500K	2110LM	<19.2W	110LM/W	90+	3OZ



c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 97+ Ra (available) 1 BIN 120°

Max. Länge CE:500CM UL:17FT



IPSchutzart:

- ☑ IP20
- ☑ IP54
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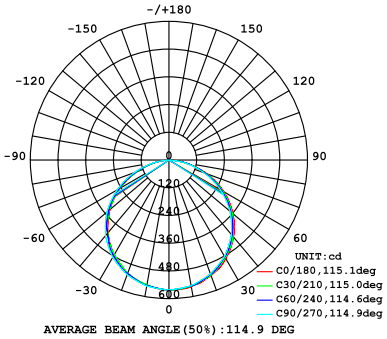
High Density

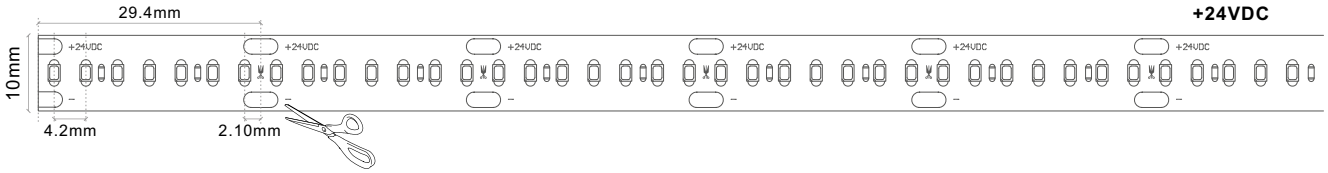
RA 90+ SMD2216

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-238-24-Y	1800K	1500LM	<19.2W	78LM/W	90+	3OZ
ES-2216C2190-238-24-Y	2100K	1550LM	<19.2W	81LM/W	90+	3OZ
ES-2216C2390-238-24-Y	2300K	1550LM	<19.2W	81LM/W	90+	3OZ
ES-2216C2790-238-24-Y	2700K	1600LM	<19.2W	83LM/W	90+	3OZ
ES-2216C3090-238-24-Y	3000K	1650LM	<19.2W	86LM/W	90+	3OZ
ES-2216C3590-238-24-Y	3500K	1650LM	<19.2W	86LM/W	90+	3OZ
ES-2216C4090-238-24-Y	4000K	1700LM	<19.2W	88LM/W	90+	3OZ
ES-2216C5090-238-24-Y	5000K	1700LM	<19.2W	88LM/W	90+	3OZ
ES-2216C6590-238-24-Y	6500K	1750LM	<19.2W	91LM/W	90+	3OZ



E466567

Max. Länge CE:500CM UL:17FT



IPSchutzart:

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- ☒ IP68

High Density
RA 90+ SMD2216

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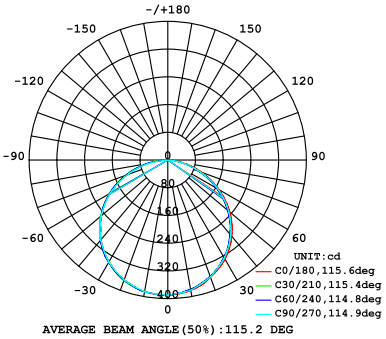
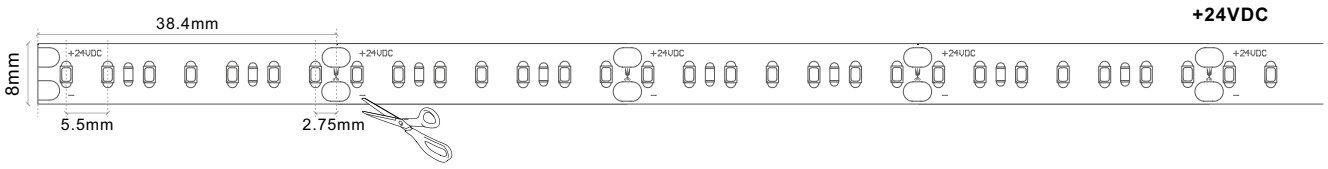
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-182-24-Y	1800K	950LM	<12W	79LM/W	90+	3OZ
ES-2216C2190-182-24-Y	2100K	1000LM	<12W	83LM/W	90+	3OZ
ES-2216C2390-182-24-Y	2300K	1000LM	<12W	83LM/W	90+	3OZ
ES-2216C2790-182-24-Y	2700K	1050LM	<12W	87LM/W	90+	3OZ
ES-2216C3090-182-24-Y	3000K	1050LM	<12W	87LM/W	90+	3OZ
ES-2216C3590-182-24-Y	3500K	1050LM	<12W	87LM/W	90+	3OZ
ES-2216C4090-182-24-Y	4000K	1100LM	<12W	92LM/W	90+	3OZ
ES-2216C5090-182-24-Y	5000K	1100LM	<12W	92LM/W	90+	3OZ
ES-2216C6590-182-24-Y	6500K	1120LM	<12W	93LM/W	90+	3OZ



UL LISTED E466567

Max. Länge CE:500CM UL:27.34FT



IP Schutzart:

- ☑ IP20
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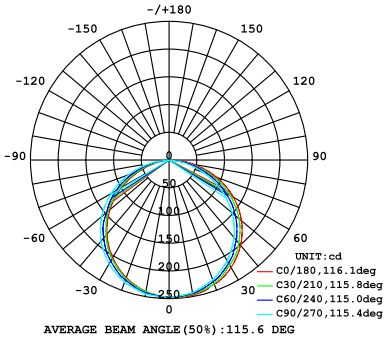
High Density

RA 90+ SMD2216

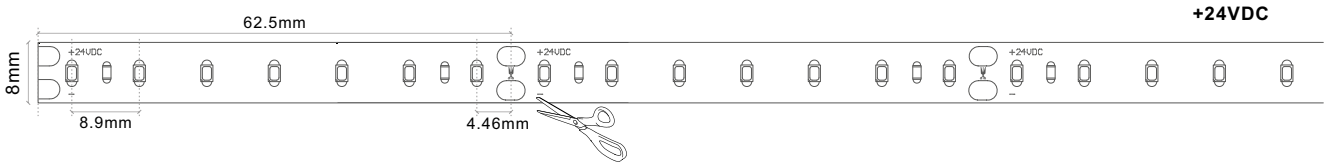
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2216C1890-112-24-Y	1800K	550LM	<7.2W	76LM/W	90+	3OZ
ES-2216C2190-112-24-Y	2100K	590LM	<7.2W	82LM/W	90+	3OZ
ES-2216C2390-112-24-Y	2300K	590LM	<7.2W	82LM/W	90+	3OZ
ES-2216C2790-112-24-Y	2700K	620LM	<7.2W	86LM/W	90+	3OZ
ES-2216C3090-112-24-Y	3000K	620LM	<7.2W	86LM/W	90+	3OZ
ES-2216C3590-112-24-Y	3500K	620LM	<7.2W	86LM/W	90+	3OZ
ES-2216C4090-112-24-Y	4000K	650LM	<7.2W	90LM/W	90+	3OZ
ES-2216C5090-112-24-Y	5000K	650LM	<7.2W	90LM/W	90+	3OZ
ES-2216C6590-112-24-Y	6500K	680LM	<7.2W	94LM/W	90+	3OZ



c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 97+ Ra (available) 1 BIN 120°

Max. Länge CE:500CM UL:45.57FT



IP Schutzart:

- ☑ IP20
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- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

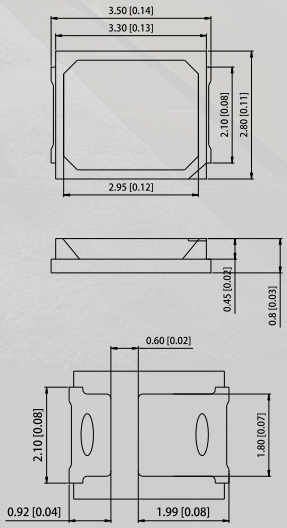
Ultrashort

RA 90+ SMD2835 Serie

Produkteigenschaften

1. Trennbarkeit alle 8.3mm.

Model	Farbtemp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD2835	2300K	50LM	55LM	30mA	17.5V	19V	90+
	2700K	50LM	55LM	30mA	17.5V	19V	90+
	3000K	55LM	60LM	30mA	17.5V	19V	90+
	3500K	55LM	60LM	30mA	17.5V	19V	90+
	4000K	55LM	60LM	30mA	17.5V	19V	90+
	5000K	55LM	60LM	30mA	17.5V	19V	90+
	6500K	55LM	60LM	30mA	17.5V	19V	90+



Ultrashort LED Streifen

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Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

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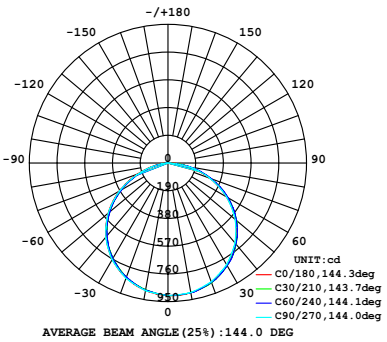
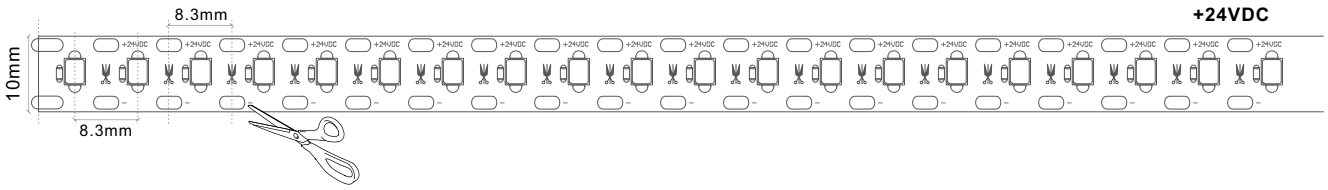
ULTRASHORT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C2390-120H-24-Y	2300K	2300LM	<23W	100LM/W	90+	3OZ
ES-2835C2790-120H-24-Y	2700K	2415LM	<23W	105LM/W	90+	3OZ
ES-2835C3090-120H-24-Y	3000K	2415LM	<23W	105LM/W	90+	3OZ
ES-2835C3590-120H-24-Y	3500K	2530LM	<23W	110LM/W	90+	3OZ
ES-2835C4090-120H-24-Y	4000K	2599LM	<23W	113LM/W	90+	3OZ
ES-2835C5090-120H-24-Y	5000K	2576LM	<23W	112LM/W	90+	3OZ
ES-2835C6590-120H-24-Y	6500K	2553LM	<23W	111LM/W	90+	3OZ



Max. Länge CE:500CM



IP Schutzart:

- ☑ IP20
- ☑ IP54
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- ☒ IP67-2
- ☒ IP68

High CRI

SMD2835 1.0W Ra 80+,Ra90+,Ra 97+
SMD2835 0.5W Ra 94+,Ra 97+
SMD2835 0.2W Ra90+

Produkteigenschaften

1. Hohe Effizienz und hohe Farbwiedergabe.
2. Perfekte Kühleigenschaft durch Kühlkörper unter jedem einzelnen Chip.
3. Leistungsoptionen je Chip: 0.2W, 0.5W, 1W.

LED Type

SMD2835

1

Farbtemperatur

1800 K	2100 K	2300 K	2700 K	3000 K
3500 K	4000 K	5000 K	6500 K	

2

Leistung pro LED

1W | 0.5W | 0.2W

3

Spannung

24VDC | 12VDC

4

IP Schutzart

IP20 | IP54 | IP65
IP67 | IP68

5

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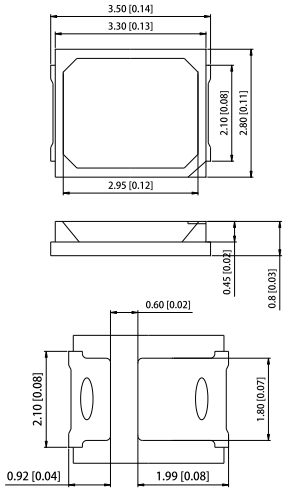
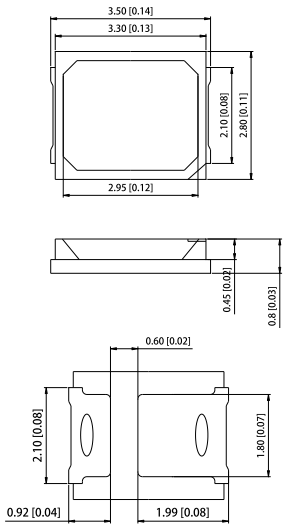
High CRI LED Streifen

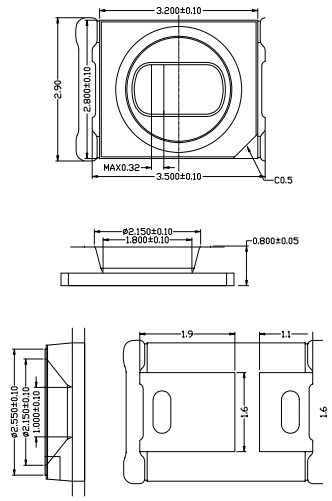
Model	Color temp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD2835	2300K	80LM	90LM	300mA	3.0V	3.2V	90+
	2700K	80LM	90LM	300mA	3.0V	3.2V	90+
	3000K	85LM	95LM	300mA	3.0V	3.2V	90+
	3500K	85LM	95LM	300mA	3.0V	3.2V	90+
	4000K	85LM	95LM	300mA	3.0V	3.2V	90+
1W	5000K	85LM	95LM	300mA	3.0V	3.2V	90+
	6500K	85LM	95LM	300mA	3.0V	3.2V	90+



Model	Color temp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD2835	1800K	30LM	35LM	150mA	3.0V	3.2V	94+/97+
	2100K	30LM	35LM	150mA	3.0V	3.2V	94+/97+
	2300K	30LM	35LM	150mA	3.0V	3.2V	94+/97+
	2700K	35LM	40LM	150mA	3.0V	3.2V	94+/97+
	3000K	35LM	40LM	150mA	3.0V	3.2V	94+/97+
	3500K	40LM	45LM	150mA	3.0V	3.2V	94+/97+
0.5W	4000K	40LM	45LM	150mA	3.0V	3.2V	94+/97+
	5000K	40LM	45LM	150mA	3.0V	3.2V	94+/97+
	6500K	40LM	45LM	150mA	3.0V	3.2V	94+/97+



Model	Color temp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD2835	2300K	16LM	18LM	60mA	3.0V	3.2V	90+
	2700K	16LM	18LM	60mA	3.0V	3.2V	90+
	3000K	16LM	18LM	60mA	3.0V	3.2V	90+
	3500K	18LM	20LM	60mA	3.0V	3.2V	90+
	4000K	18LM	20LM	60mA	3.0V	3.2V	90+
0.2W	5000K	18LM	20LM	60mA	3.0V	3.2V	90+
	6500K	18LM	20LM	60mA	3.0V	3.2V	90+



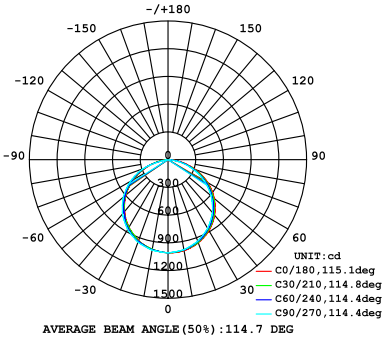
Max. Länge CE:500CM UL:13.12FT

1 W
Single LED power

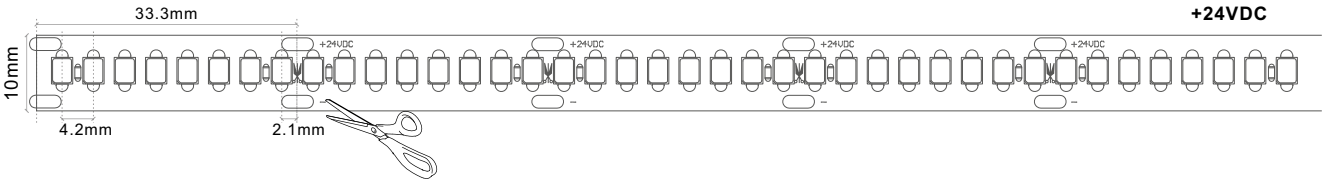
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2390-240H-24-Y	2300K	2921LM	<23W	127LM/W	90+	3OZ
ES-SP2835C2790-240H-24-Y	2700K	2990LM	<23W	130LM/W	90+	3OZ
ES-SP2835C3090-240H-24-Y	3000K	3105LM	<23W	135LM/W	90+	3OZ
ES-SP2835C3590-240H-24-Y	3500K	3151LM	<23W	137LM/W	90+	3OZ
ES-SP2835C4090-240H-24-Y	4000K	3220LM	<23W	140LM/W	90+	3OZ
ES-SP2835C5090-240H-24-Y	5000K	3174LM	<23W	138LM/W	90+	3OZ
ES-SP2835C6590-240H-24-Y	6500K	3174LM	<23W	138LM/W	90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2380-240H-24-Y	2300K	3220LM	<23W	140LM/W	80+	3OZ
ES-SP2835C2780-240H-24-Y	2700K	3289LM	<23W	143LM/W	80+	3OZ
ES-SP2835C3080-240H-24-Y	3000K	3404LM	<23W	148LM/W	80+	3OZ
ES-SP2835C3580-240H-24-Y	3500K	3450LM	<23W	150LM/W	80+	3OZ
ES-SP2835C4080-240H-24-Y	4000K	3542LM	<23W	154LM/W	80+	3OZ
ES-SP2835C5080-240H-24-Y	5000K	3473LM	<23W	151LM/W	80+	3OZ
ES-SP2835C6580-240H-24-Y	6500K	3473LM	<23W	151LM/W	80+	3OZ



c UL us LISTED E466567



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

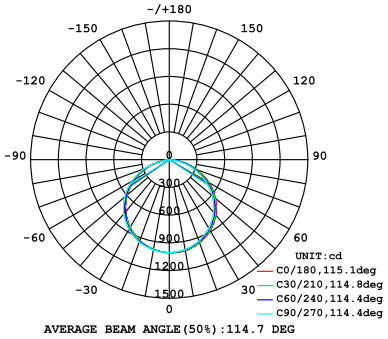
smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

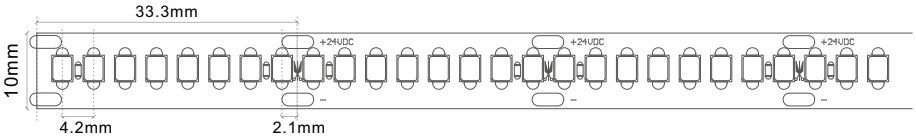
smart mit led gmbh

0.5W
Single LED power

Max. Länge CE:500CM UL:16.4FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-240H-24-Y	1800K	2415LM	<23W	105LM/W	94+	3OZ
ES-SP2835C2194-240H-24-Y	2100K	2415LM	<23W	105LM/W	94+	3OZ
ES-SP2835C2394-240H-24-Y	2300K	2530LM	<23W	110LM/W	94+	3OZ
ES-SP2835C2794-240H-24-Y	2700K	2645LM	<23W	115LM/W	94+	3OZ
ES-SP2835C3094-240H-24-Y	3000K	2645LM	<23W	115LM/W	94+	3OZ
ES-SP2835C3594-240H-24-Y	3500K	2645LM	<23W	115LM/W	94+	3OZ
ES-SP2835C4094-240H-24-Y	4000K	2780LM	<23W	121LM/W	94+	3OZ
ES-SP2835C5094-240H-24-Y	5000K	2780LM	<23W	121LM/W	94+	3OZ
ES-SP2835C6594-240H-24-Y	6500K	2691LM	<23W	117LM/W	94+	3OZ



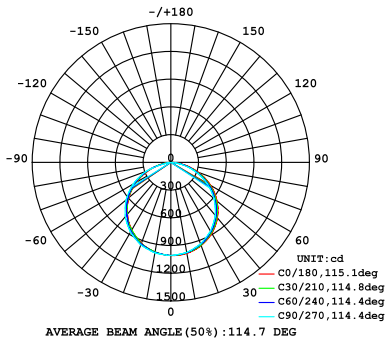


(Refer to P087 for aluminium profile)

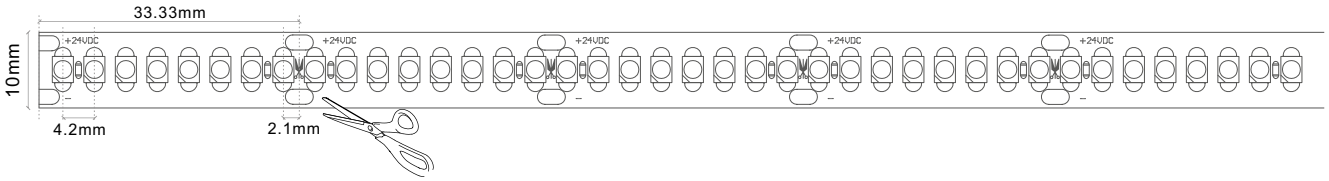
0.2W
Single LED power

Max. Länge CE:500CM UL:16.4FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2790-240HL-24-Y	2700K	2073LM	<19.2W	108LM/W	90+	3OZ
ES-SP2835C3090-240HL-24-Y	3000K	2112LM	<19.2W	110LM/W	90+	3OZ
ES-SP2835C3590-240HL-24-Y	3500K	2112LM	<19.2W	110LM/W	90+	3OZ
ES-SP2835C4090-240HL-24-Y	4000K	2227LM	<19.2W	116LM/W	90+	3OZ
ES-SP2835C5090-240HL-24-Y	5000K	2227LM	<19.2W	116LM/W	90+	3OZ
ES-SP2835C6590-240HL-24-Y	6500K	2131LM	<19.2W	111LM/W	90+	3OZ
ES-SP2835CRO-240H-24-Y	620-625 NM NM	— —	<19.2W	— —	— —	3OZ
ES-SP2835CGE-240H-24-Y	585-590 NM NM	— —	<19.2W	— —	— —	3OZ
ES-SP2835CGR-240H-24-Y	517-522 NM NM	— —	<19.2W	— —	— —	3OZ
ES-SP2835CKL-240H-24-Y	465-470 NM NM	— —	<19.2W	— —	— —	3OZ



(Refer to P087 for aluminium profile)



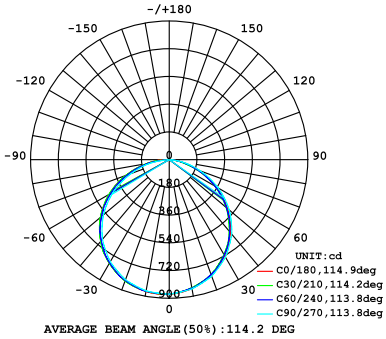
Max. Länge CE:500CM UL:13.12FT

1W
Single LED power

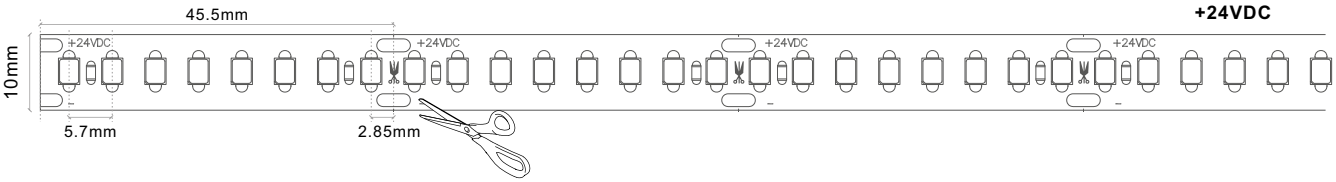
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2390-176H-24-Y	2300K	2438LM	<19.2W	127LM/W	90+	3OZ
ES-SP2835C2790-176H-24-Y	2700K	2496LM	<19.2W	130LM/W	90+	3OZ
ES-SP2835C3090-176H-24-Y	3000K	2592LM	<19.2W	135LM/W	90+	3OZ
ES-SP2835C3590-176H-24-Y	3500K	2630LM	<19.2W	137LM/W	90+	3OZ
ES-SP2835C4090-176H-24-Y	4000K	2688LM	<19.2W	140LM/W	90+	3OZ
ES-SP2835C5090-176H-24-Y	5000K	2650LM	<19.2W	138LM/W	90+	3OZ
ES-SP2835C6590-176H-24-Y	6500K	2650LM	<19.2W	138LM/W	90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2380-176H-24-Y	2300K	2688LM	<19.2W	140LM/W	80+	3OZ
ES-SP2835C2780-176H-24-Y	2700K	2745LM	<19.2W	143LM/W	80+	3OZ
ES-SP2835C3080-176H-24-Y	3000K	2841LM	<19.2W	148LM/W	80+	3OZ
ES-SP2835C3580-176H-24-Y	3500K	2880LM	<19.2W	150LM/W	80+	3OZ
ES-SP2835C4080-176H-24-Y	4000K	2956LM	<19.2W	154LM/W	80+	3OZ
ES-SP2835C5080-176H-24-Y	5000K	2899LM	<19.2W	151LM/W	80+	3OZ
ES-SP2835C6580-176H-24-Y	6500K	2899LM	<19.2W	151LM/W	80+	3OZ



c UL us LISTED E466567



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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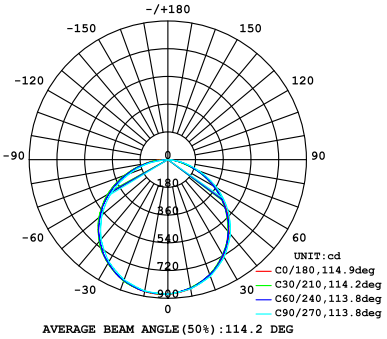
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

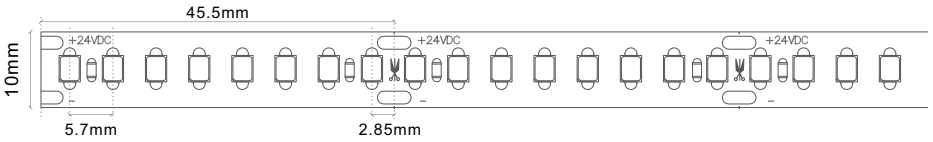
0.5W
Single LED power

smart mit led gmbh

Max. Länge CE:500CM UL:13.12FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-176-24-Y	1800K	2370LM	<23W	103LM/W	94+	
ES-SP2835C1894-176-24-Y	2100K	2461LM	<23W	107LM/W	94+	
ES-SP2835C2394-176-24-Y	2300K	2530LM	<23W	110LM/W	94+	
ES-SP2835C2794-176-24-Y	2700K	2530LM	<23W	110LM/W	94+	IP20
ES-SP2835C3094-176-24-Y	3000K	2530LM	<23W	110LM/W	94+	IP54
ES-SP2835C3594-176-24-Y	3500K	2622LM	<23W	114LM/W	94+	IP65
ES-SP2835C4094-176-24-Y	4000K	2709LM	<23W	118LM/W	94+	
ES-SP2835C5094-176-24-Y	5000K	2760LM	<23W	120LM/W	94+	
ES-SP2835C6594-176-24-Y	6500K	2720LM	<23W	118LM/W	94+	



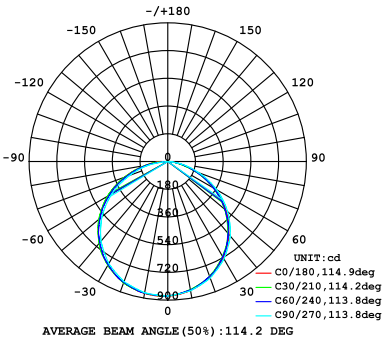


(Refer to P089 for aluminium profile)

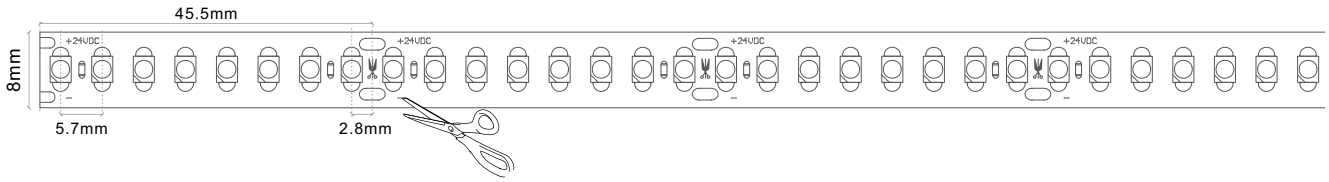
0.2W
Single LED power

Max. Länge CE:500CM UL:16.4FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2790-176HL-24-Y	2700K	1555LM	<14.4W	108LM/W	90+	
ES-SP2835C3090-176HL-24-Y	3000K	1584LM	<14.4W	110LM/W	90+	
ES-SP2835C3590-176HL-24-Y	3500K	1584LM	<14.4W	110LM/W	90+	
ES-SP2835C4090-176HL-24-Y	4000K	1670LM	<14.4W	116LM/W	90+	IP20
ES-SP2835C5090-176HL-24-Y	5000K	1670LM	<14.4W	116LM/W	90+	IP54
ES-SP2835C6590-176HL-24-Y	6500K	1598LM	<14.4W	111LM/W	90+	IP65
ES-SP2835CRO-176H-24-Y	620-625 NM NM	— —	<14.4W	— —	— —	IP67 IP68
ES-SP2835CGE-176H-24-Y	585-590 NM NM	— —	<14.4W	— —	— —	
ES-SP2835CGR-176H-24-Y	517-522 NM NM	— —	<14.4W	— —	— —	
ES-SP2835CBL-176H-24-Y	465-470 NM NM	— —	<14.4W	— —	— —	



(Refer to P081 for aluminium profile)



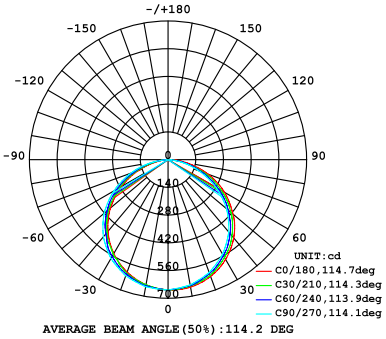
1W
Single LED power

smart mit led gmbh

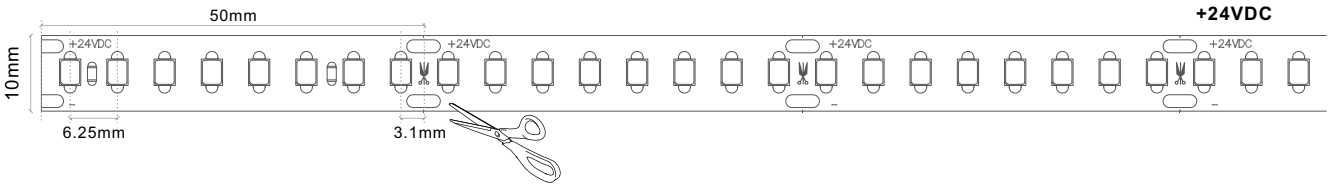
Max. Länge CE:500CM UL:16.4FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2390-160H-24-Y	2300K	2438LM	<19.2W	127LM/W	90+	3OZ
ES-SP2835C2790-160H-24-Y	2700K	2496LM	<19.2W	130LM/W	90+	3OZ
ES-SP2835C3090-160H-24-Y	3000K	2592LM	<19.2W	135LM/W	90+	3OZ
ES-SP2835C3590-160H-24-Y	3500K	2630LM	<19.2W	137LM/W	90+	3OZ
ES-SP2835C4090-160H-24-Y	4000K	2688LM	<19.2W	140LM/W	90+	3OZ
ES-SP2835C5090-160H-24-Y	5000K	2650LM	<19.2W	138LM/W	90+	3OZ
ES-SP2835C6590-160H-24-Y	6500K	2650LM	<19.2W	138LM/W	90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2380-160H-24-Y	2300K	2688LM	<19.2W	140LM/W	80+	3OZ
ES-SP2835C2780-160H-24-Y	2700K	2745LM	<19.2W	143LM/W	80+	3OZ
ES-SP2835C3080-160H-24-Y	3000K	2841LM	<19.2W	148LM/W	80+	3OZ
ES-SP2835C3580-160H-24-Y	3500K	2880LM	<19.2W	150LM/W	80+	3OZ
ES-SP2835C4080-160H-24-Y	4000K	2956LM	<19.2W	154LM/W	80+	3OZ
ES-SP2835C5080-160H-24-Y	5000K	2899LM	<19.2W	151LM/W	80+	3OZ
ES-SP2835C6580-160H-24-Y	6500K	2899LM	<19.2W	151LM/W	80+	3OZ



LISTED E466567



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
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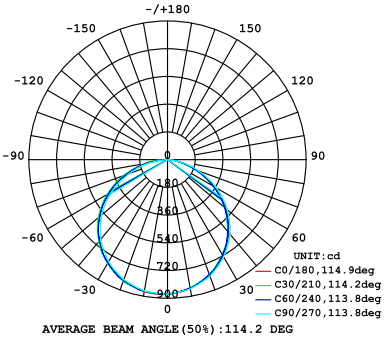
smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

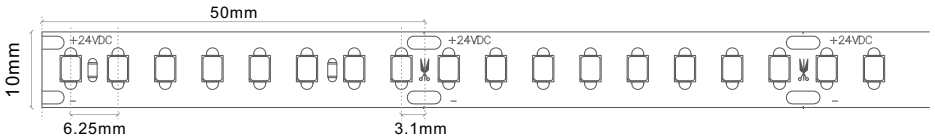
Max. Länge CE:500CM UL:13.12FT

0.5W
Single LED power

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-160-24-Y	1800K	1920LM	<19.2W	100LM/W	94+	
ES-SP2835C2194-160-24-Y	2100K	2016LM	<19.2W	105LM/W	94+	
ES-SP2835C2394-160-24-Y	2300K	2016LM	<19.2W	105LM/W	94+	
ES-SP2835C2794-160-24-Y	2700K	2073LM	<19.2W	108LM/W	94+	IP20
ES-SP2835C3094-160-24-Y	3000K	2112LM	<19.2W	110LM/W	94+	IP54
ES-SP2835C3594-160-24-Y	3500K	2112LM	<19.2W	110LM/W	94+	IP65
ES-SP2835C4094-160-24-Y	4000K	2227LM	<19.2W	116LM/W	94+	
ES-SP2835C5094-160-24-Y	5000K	2227LM	<19.2W	116LM/W	94+	
ES-SP2835C6594-160-24-Y	6500K	2131LM	<19.2W	111LM/W	94+	



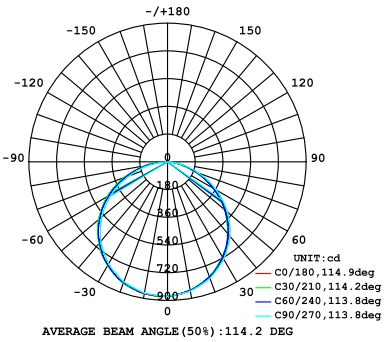


(Refer to P091 for aluminium profile)

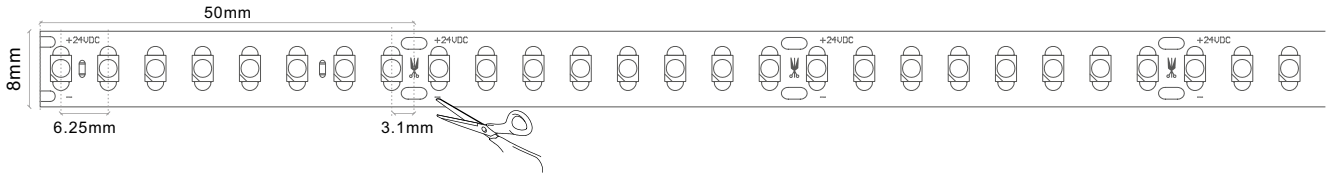
Max. Länge CE:500CM UL:16.4FT

0.2W
Single LED power

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2790-160HL-24-Y	2700K	1555LM	<14.4W	108LM/W	90+	
ES-SP2835C3090-160HL-24-Y	3000K	1584LM	<14.4W	110LM/W	90+	
ES-SP2835C3590-160HL-24-Y	3500K	1584LM	<14.4W	110LM/W	90+	
ES-SP2835C4090-160HL-24-Y	4000K	1670LM	<14.4W	116LM/W	90+	IP20
ES-SP2835C5090-160HL-24-Y	5000K	1670LM	<14.4W	116LM/W	90+	IP54
ES-SP2835C6590-160HL-24-Y	6500K	1598LM	<14.4W	111LM/W	90+	IP65
ES-SP2835R-160H-24-Y	620-625 NM NM	— —	<14.4W	— —	— —	IP67 IP68
ES-SP2835Y-160H-24-Y	585-590 NM NM	— —	<14.4W	— —	— —	
ES-SP2835G-160H-24-Y	517-522 NM NM	— —	<14.4W	— —	— —	
ES-SP2835B-160H-24-Y	465-470 NM NM	— —	<14.4W	— —	— —	



(Refer to P081 for aluminium profile)



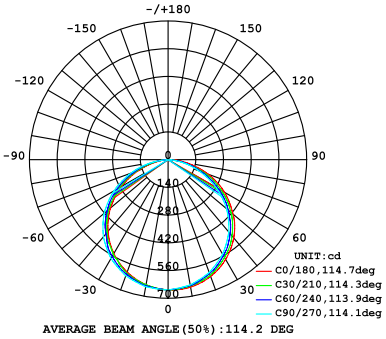
1 W
Single LED power

smart mit led gmbh

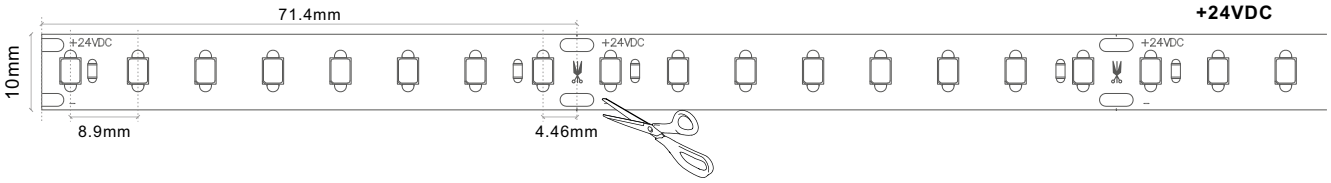
Max. Länge CE:500CM UL:16.4FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2390-112H-24-Y	2300K	2134LM	<16.8W	127LM/W	90+	3OZ
ES-SP2835C2790-112H-24-Y	2700K	2184LM	<16.8W	130LM/W	90+	3OZ
ES-SP2835C3090-112H-24-Y	3000K	2268LM	<16.8W	135LM/W	90+	3OZ
ES-SP2835C3590-112H-24-Y	3500K	2302LM	<16.8W	137LM/W	90+	3OZ
ES-SP2835C4090-112H-24-Y	4000K	2352LM	<16.8W	140LM/W	90+	3OZ
ES-SP2835C5090-112H-24-Y	5000K	2318LM	<16.8W	138LM/W	90+	3OZ
ES-SP2835C6590-112H-24-Y	6500K	2318LM	<16.8W	138LM/W	90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2380-112H-24-Y	2300K	2352LM	<16.8W	140LM/W	80+	3OZ
ES-SP2835C2780-112H-24-Y	2700K	2402LM	<16.8W	143LM/W	80+	3OZ
ES-SP2835C3080-112H-24-Y	3000K	2486LM	<16.8W	148LM/W	80+	3OZ
ES-SP2835C3580-112H-24-Y	3500K	2520LM	<16.8W	150LM/W	80+	3OZ
ES-SP2835C4080-112H-24-Y	4000K	2587LM	<16.8W	154LM/W	80+	3OZ
ES-SP2835C5080-112H-24-Y	5000K	2536LM	<16.8W	151LM/W	80+	3OZ
ES-SP2835C6580-112H-24-Y	6500K	2536LM	<16.8W	151LM/W	80+	3OZ



c UL us LISTED E466567 CE RoHS LM-80 7 Jahre Garantie LM-79 1 BIN 120°



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

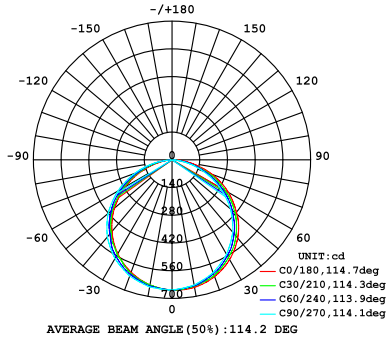
smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

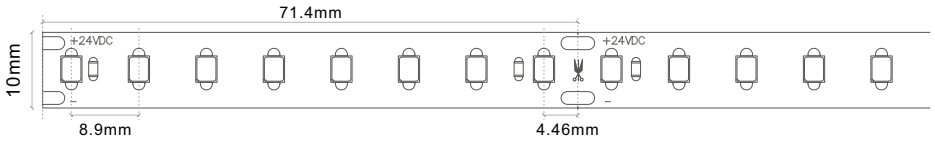
0.5W
Single LED power

smart mit led gmbh

Max. Länge CE:500CM UL:16.4FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-112-24-Y	1800K	1680LM	<16.8W	100LM/W	94+	
ES-SP2835C2194-112-24-Y	2100K	1760LM	<16.8W	105LM/W	94+	
ES-SP2835C2394-112-24-Y	2300K	1760LM	<16.8W	105LM/W	94+	
ES-SP2835C2794-112-24-Y	2700K	1810LM	<16.8W	108LM/W	94+	IP20
ES-SP2835C3094-112-24-Y	3000K	1848LM	<16.8W	110LM/W	94+	IP54
ES-SP2835C3594-112-24-Y	3500K	1848LM	<16.8W	110LM/W	94+	IP65
ES-SP2835C4094-112-24-Y	4000K	1900LM	<16.8W	116LM/W	94+	
ES-SP2835C5094-112-24-Y	5000K	1900LM	<16.8W	116LM/W	94+	
ES-SP2835C6594-112-24-Y	6500K	1860LM	<16.8W	111LM/W	94+	

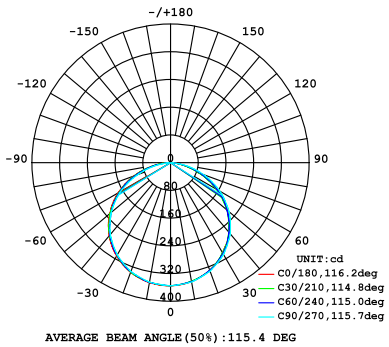


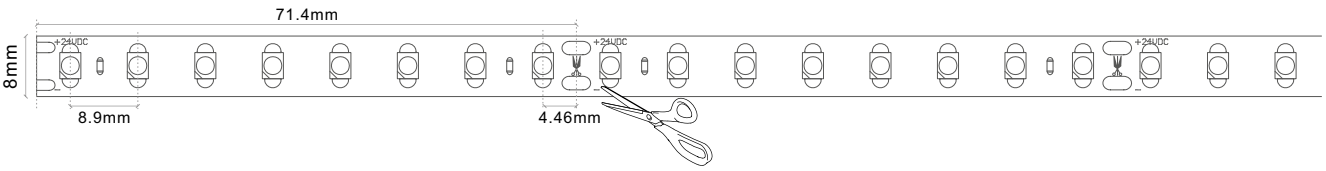


0.2W
Single LED power

Max. Länge E:500CM UL:27.3FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2790-112HL-24-Y	2700K	1037LM	<9.6W	108LM/W	90+	
ES-SP2835C3090-112HL-24-Y	3000K	1056LM	<9.6W	110LM/W	90+	
ES-SP2835C3590-112HL-24-Y	3500K	1056LM	<9.6W	110LM/W	90+	
ES-SP2835C4090-112HL-24-Y	4000K	1113LM	<9.6W	116LM/W	90+	IP20
ES-SP2835C5090-112HL-24-Y	5000K	1113LM	<9.6W	116LM/W	90+	IP54
ES-SP2835C6590112HL-24-Y	6500K	1065LM	<9.6W	111LM/W	90+	IP65
ES-SP2835CRO112H-24-Y	620-625 NM NM	— —	<9.6W	— —	— —	IP67
ES-SP2835CGE-112H-24-Y	585-590 NM NM	— —	<9.6W	— —	— —	IP68
ES-SP2835CGR-112H-24-Y	517-522 NM NM	— —	<9.6W	— —	— —	
ES-SP2835CBL-112H-24-Y	465-470 NM NM	— —	<9.6W	— —	— —	





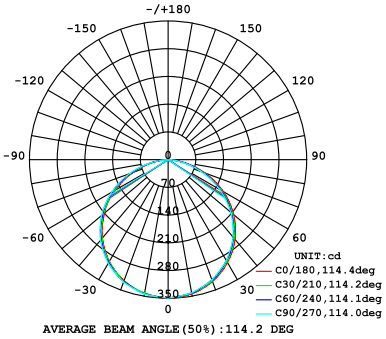
1 W
Single LED power

smart mit led gmbh

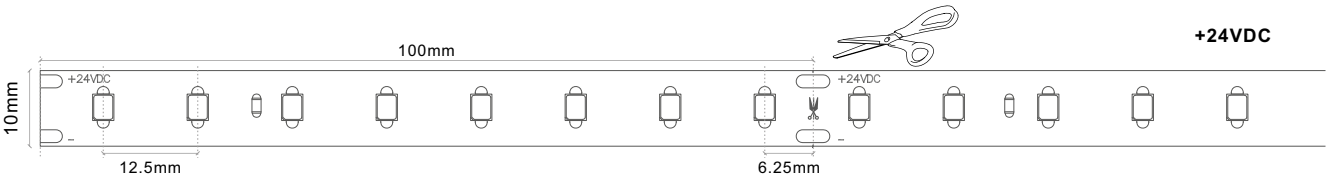
Max. Länge CE:500CM UL:27.3FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2390-80H-24-Y	2300K	1829LM	<14.4W	127LM/W	90+	3OZ
ES-SP2835C2790-80H-24-Y	2700K	1872LM	<14.4W	130LM/W	90+	3OZ
ES-SP2835C3090-80H-24-Y	3000K	1944LM	<14.4W	135LM/W	90+	3OZ
ES-SP2835C3590-80H-24-Y	3500K	1973LM	<14.4W	137LM/W	90+	3OZ
ES-SP2835C4090-80H-24-Y	4000K	2016LM	<14.4W	140LM/W	90+	3OZ
ES-SP2835C5090-80H-24-Y	5000K	1987LM	<14.4W	138LM/W	90+	3OZ
ES-SP2835C6590-80H-24-Y	6500K	1987LM	<14.4W	138LM/W	90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2380-80H-24-Y	2300K	2016LM	<14.4W	140LM/W	80+	3OZ
ES-SP2835C2780-80H-24-Y	2700K	2059LM	<14.4W	143LM/W	80+	3OZ
ES-SP2835C3080-80H-24-Y	3000K	2131LM	<14.4W	148LM/W	80+	3OZ
ES-SP2835C3580-80H-24-Y	3500K	2160LM	<14.4W	150LM/W	80+	3OZ
ES-SP2835C4080-80H-24-Y	4000K	2217LM	<14.4W	154LM/W	80+	3OZ
ES-SP2835C5080-80H-24-Y	5000K	2174LM	<14.4W	151LM/W	80+	3OZ
ES-SP2835C6580-80H-24-Y	6500K	2174LM	<14.4W	151LM/W	80+	3OZ



c UL us LISTED E466567



+24VDC

IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
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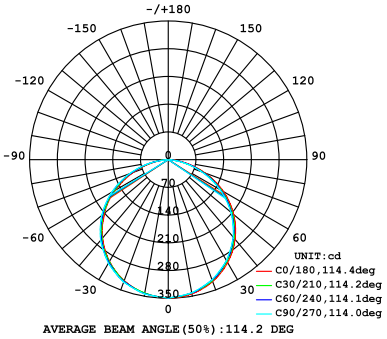
office@smart-mit-led.com www.smart-mit-led.com

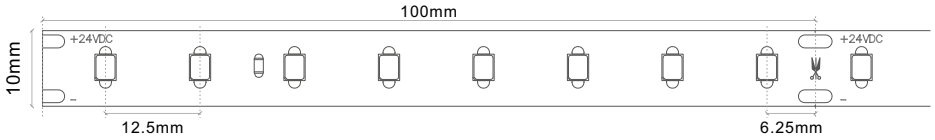
smart mit led gmbh

0.5W
Single LED power

Max. Länge CE:500CM UL:27.3FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-80-24-Y	1800K	1440LM	<14.4W	100LM/W	94+	
ES-SP2835C2194-80-24-Y	2100K	1512LM	<14.4W	105LM/W	94+	
ES-SP2835C2394-80-24-Y	2300K	1512LM	<14.4W	105LM/W	94+	
ES-SP2835C2794-80-24-Y	2700K	1555LM	<14.4W	108LM/W	94+	IP20
ES-SP2835C3094-80-24-Y	3000K	1584LM	<14.4W	110LM/W	94+	IP54
ES-SP2835C3594-80-24-Y	3500K	1584LM	<14.4W	110LM/W	94+	IP65
ES-SP2835C4094-80-24-Y	4000K	1670LM	<14.4W	116LM/W	94+	IP67
ES-SP2835C5094-80-24-Y	5000K	1670LM	<14.4W	116LM/W	94+	IP68
ES-SP2835C6594-80-24-Y	6500K	1598LM	<14.4W	111LM/W	94+	



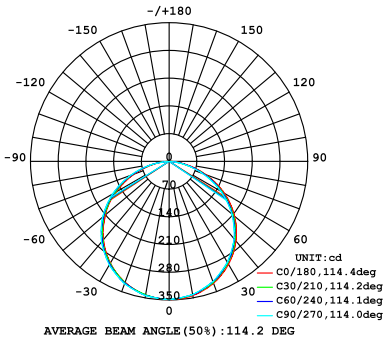


(Refer to P095 for aluminium profile)

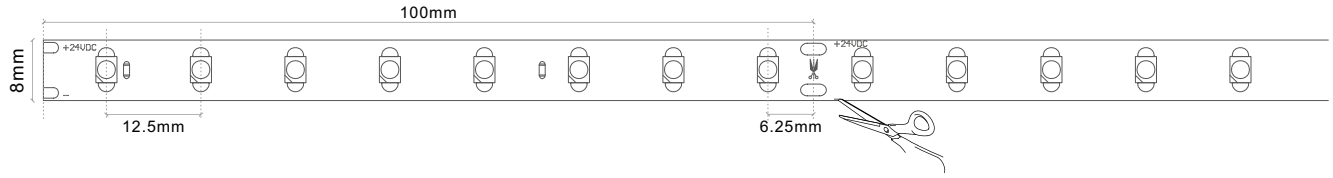
0.2W
Single LED power

Max. Länge CE:500CM UL:27.3FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2790-80HL-24-Y	2700K	777LM	<7.2W	108LM/W	90+	
ES-SP2835C3090-80HL-24-Y	3000K	792LM	<7.2W	110LM/W	90+	
ES-SP2835C359080HL-24-Y	3500K	792LM	<7.2W	110LM/W	90+	
ES-SP2835C4090-80HL-24-Y	4000K	835LM	<7.2W	116LM/W	90+	IP20
ES-SP2835C5090-80HL-24-Y	5000K	835LM	<7.2W	116LM/W	90+	IP54
ES-SP2835C6590-80HL-24-Y	6500K	799LM	<7.2W	111LM/W	90+	IP65
ES-SP2835CRO-80H-24-Y	620-625 NM NM	— —	<7.2W	— —	— —	IP67
ES-SP2835CGE-80H-24-Y	585-590 NM NM	— —	<7.2W	— —	— —	IP68
ES-SP2835CGR-80H-24-Y	517-522 NM NM	— —	<7.2W	— —	— —	
ES-SP2835CBL-80H-24-Y	465-470 NM NM	— —	<7.2W	— —	— —	



(Refer to P081 for aluminium profile)



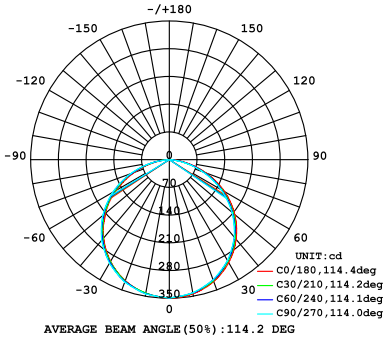
Max. Länge CE:500CM UL:27.3FT

1 W
Single LED power

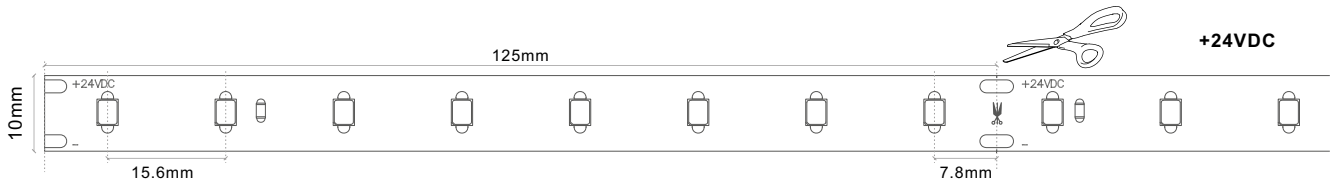
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2390-64H-24-Y	2300K	1464LM	<12W	122LM/W	90+	3OZ
ES-SP2835C2790-64H-24-Y	2700K	1500LM	<12W	125LM/W	90+	3OZ
ES-SP2835C3090-64H-24-Y	3000K	1560LM	<12W	130LM/W	90+	3OZ
ES-SP2835C3590-64H-24-Y	3500K	1584LM	<12W	132LM/W	90+	3OZ
ES-SP2835C4090-64H-24-Y	4000K	1620LM	<12W	135LM/W	90+	3OZ
ES-SP2835C5090-64H-24-Y	5000K	1596LM	<12W	133LM/W	90+	3OZ
ES-SP2835C6590-64H-24-Y	6500K	1596LM	<12W	133LM/W	90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2380-64H-24-Y	2300K	1608LM	<12W	134LM/W	80+	3OZ
ES-SPFS2835C2780-64H-24-Y	2700K	1644LM	<12W	137LM/W	80+	3OZ
ES-SP2835C3080-64H-24-Y	3000K	1716LM	<12W	143LM/W	80+	3OZ
ES-SP2835C3580-64H-24-Y	3500K	1740LM	<12W	145LM/W	80+	3OZ
ES-SP2835C4080-64H-24-Y	4000K	1776LM	<12W	148LM/W	80+	3OZ
ES-SP2835C5080-64H-24-Y	5000K	1752LM	<12W	146LM/W	80+	3OZ
ES-SP2835C6580-64H-24-Y	6500K	1752LM	<12W	146LM/W	80+	3OZ



c UL us LISTED E466567



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

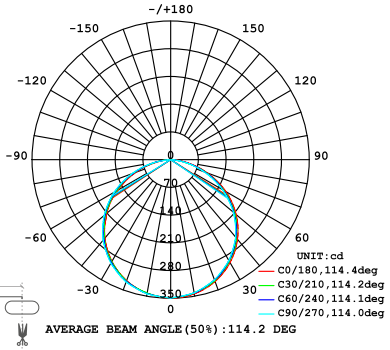
smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

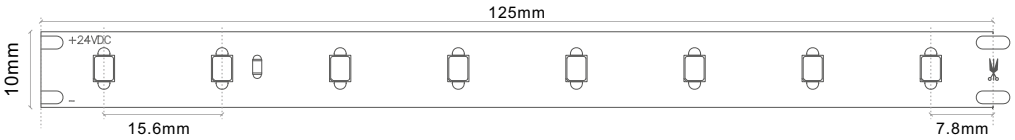
smart mit led gmbh

0.5W
Single LED power

Max. Länge CE:500CM UL:27.3FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-64-24-Y	1800K	1200LM	<12W	100LM/W	94+	
ES-SP2835C2194-64-24-Y	2100K	1260LM	<12W	105LM/W	94+	
ES-SP2835C2394-64-24-Y	2300K	1260LM	<12W	105LM/W	94+	
ES-SP2835C2794-64-24-Y	2700K	1296LM	<12W	108LM/W	94+	IP20
ES-SP2835C3094-64-24-Y	3000K	1320LM	<12W	110LM/W	94+	IP54
ES-SP2835C3594-64-24-Y	3500K	1320LM	<12W	110LM/W	94+	IP65
ES-SP2835C4094-64-24-Y	4000K	1392LM	<12W	116LM/W	94+	IP67
ES-SP2835C5094-64-24-Y	5000K	1392LM	<12W	116LM/W	94+	IP68
ES-SP2835C6594-64-24-Y	6500K	1332LM	<12W	111LM/W	94+	



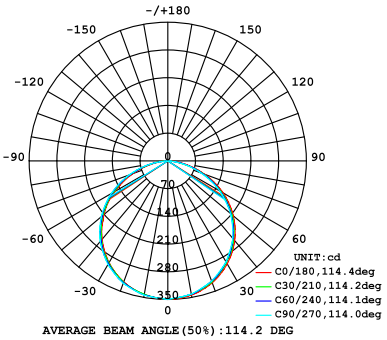


(Refer to P097 for aluminium profile)

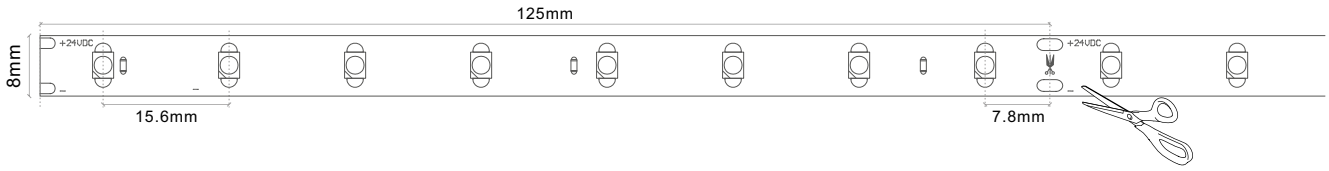
0.2W
Single LED power

Max. Länge CE:500CM UL:27.3FT

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C2790-64HL-24-Y	2700K	648LM	<6W	108LM/W	90+	
ES-SP2835C3090-64HL-24-Y	3000K	660LM	<6W	110LM/W	90+	
ES-SP2835C359064HL-24-Y	3500K	660LM	<6W	110LM/W	90+	
ES-SP2835C4090-64HL-24-Y	4000K	696LM	<6W	116LM/W	90+	IP20
ES-SP2835C5090-64HL-24-Y	5000K	696LM	<6W	116LM/W	90+	IP54
ES-SP2835C6590-64HL-24-Y	6500K	666LM	<6W	111LM/W	90+	IP65
ES-SP2835CRO-64H-24-Y	620-625 NM NM	— —	<6W	— —	— —	IP67
ES-SP2835CGE-64H-24-Y	585-590 NM NM	— —	<6W	— —	— —	IP68
ES-SP2835CGR-64H-24-Y	517-522 NM NM	— —	<6W	— —	— —	
ES-SP2835CBL-64H-24-Y	465-470 NM NM	— —	<6W	— —	— —	



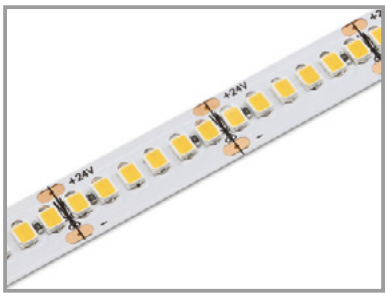
(Refer to P081 for aluminium profile)



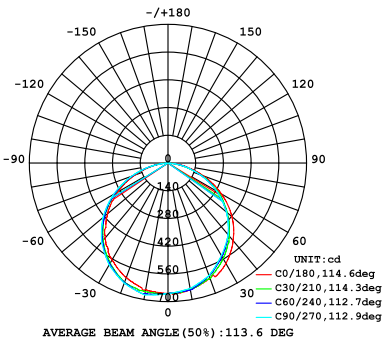
High CRI
RA 94+ SMD2835

0.5W
Single LED power

smart mit led gmbh

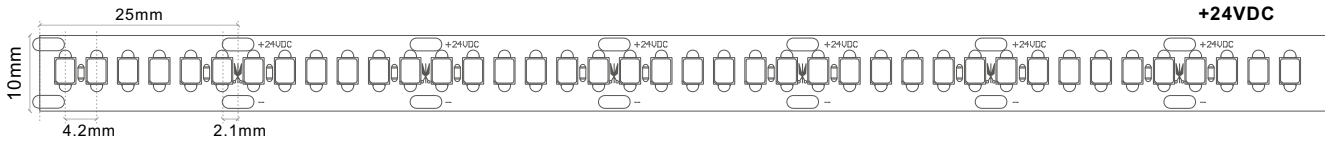


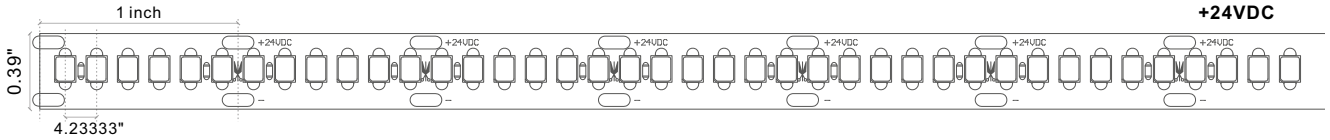
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-240-24-Y	1800K	1270LM	<23W		94+	3OZ
ES-SP2835C2194-240-24-Y	2100K	1340LM	<23W		94+	3OZ
ES-SP2835C2394-240-24-Y	2300K	1490LM	<23W		94+	3OZ
ES-SP2835C2794-240-24-Y	2700K	1725LM	<23W		94+	3OZ
ES-SP2835C3094-240-24-Y	3000K	1725LM	<23W		94+	3OZ
ES-SP2835C3594-240-24-Y	3500K	1725LM	<23W		94+	3OZ
ES-SP2835C4094-240-24-Y	4000K	1865LM	<23W		94+	3OZ
ES-SP2835C5094-240-24-Y	5000K	1865LM	<23W		94+	3OZ
ES-SP2835C6594-240-24-Y	6500K	1910LM	<23W		94+	3OZ



c UL us LISTED E466567 · CE · RoHS · TÜV Rheinland · 7 Jahre Garantie · LM-80 · LM-79 · 97+ Ra (erhältlich) · 1 BIN · 120°

Max. Länge CE:500CM UL:13.12FT





IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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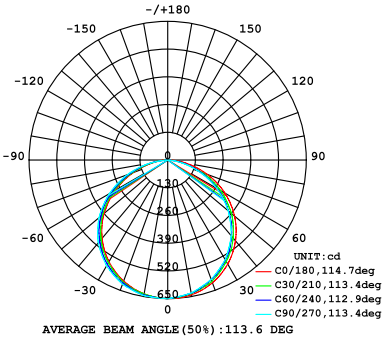
High CRI
RA 94+ SMD2835

0.5W
Single LED power

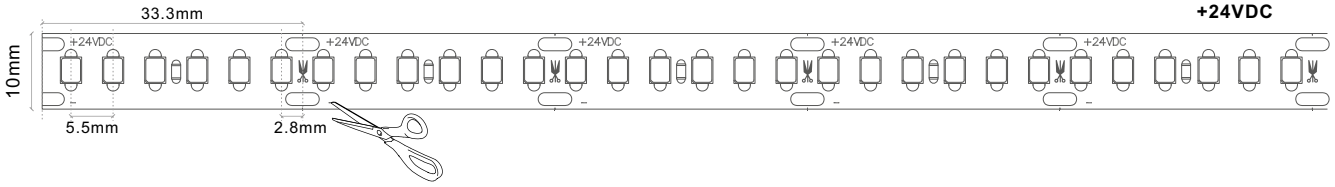
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-180-24-Y	1800K	1213LM	<23W		94+	3OZ
ES-SP2835C2194-180-24-Y	2100K	1284LM	<23W		94+	3OZ
ES-SP2835C2394-180-24-Y	2300K	1400LM	<23W		94+	3OZ
ES-SP2835C2794-180-24-Y	2700K	1650LM	<23W		94+	3OZ
ES-SP2835C3094-180-24-Y	3000K	1650LM	<23W		94+	3OZ
ES-SP2835C3594-180-24-Y	3500K	1650LM	<23W		94+	3OZ
ES-SP2835C4094-180-24-Y	4000K	1800LM	<23W		94+	3OZ
ES-SP2835C5094-180-24-Y	5000K	1800LM	<23W		94+	3OZ
ES-SP2835C6594-180-24-Y	6500K	1853LM	<23W		94+	3OZ



LISTED E466567

Max. Länge CE:500CM UL:13.12FT



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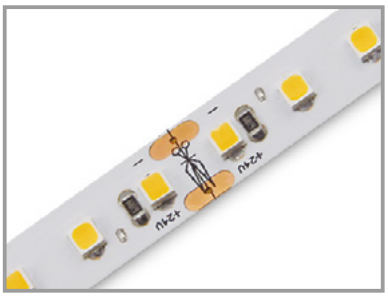
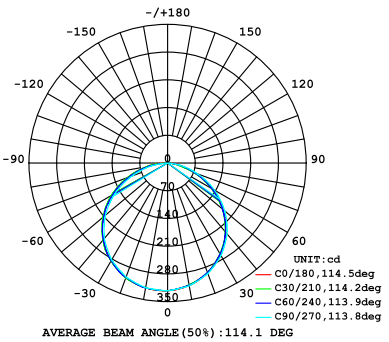
High CRI
RA 94+ SMD2835

0.5W
Single LED power

smart mit led gmbh

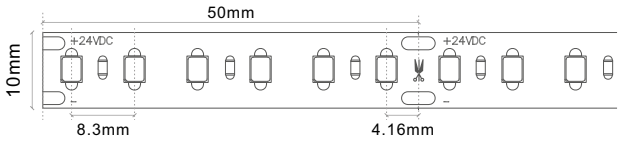


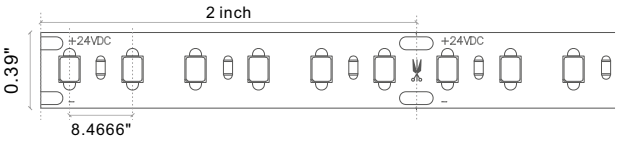
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-120-24-Y ES-SP2835C1894-120-12-Y	1800K	1190LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C2194-120-24-Y ES-SP2835C2194-120-12-Y	2100K	1320LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C2394-120-24-Y ES-SP2835C2394-120-12-Y	2300K	1360LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C2794-120-24-Y ES-SP2835C2794-120-12-Y	2700K	1625LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C3094-120-24-Y ES-SP2835C3094-120-12-Y	3000K	1625LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C3594-120-24-Y ES-SP2835C3594-120-12-Y	3500K	1625LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C4094-120-24-Y ES-SP2835C4094-120-12-Y	4000K	1735LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C5094-120-24-Y ES-SP2835C5094-120-12-Y	5000K	1735LM	<23W(24V) <18W(12V)		94+	3OZ
ES-SP2835C6594-120-24-Y ES-SP2835C6594-120-12-Y	6500K	1825LM	<23W(24V) <18W(12V)		94+	3OZ

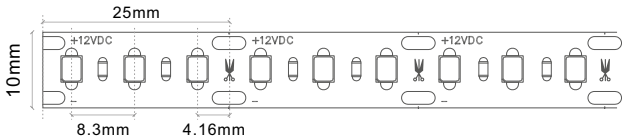


c UL us LISTED E466567 · CE · RoHS · 7 Jahre Garantie · LM-80 · LM-79 · 97+ Ra (available) · 1 BIN · 120°

Max. Länge CE:500CM UL:13.12FT(24V) | 11.4FT(12V)







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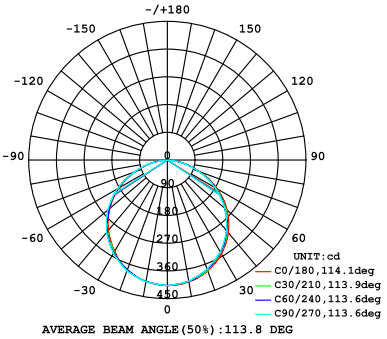
High CRI
RA 94+ SMD2835

0.5W
Single LED power

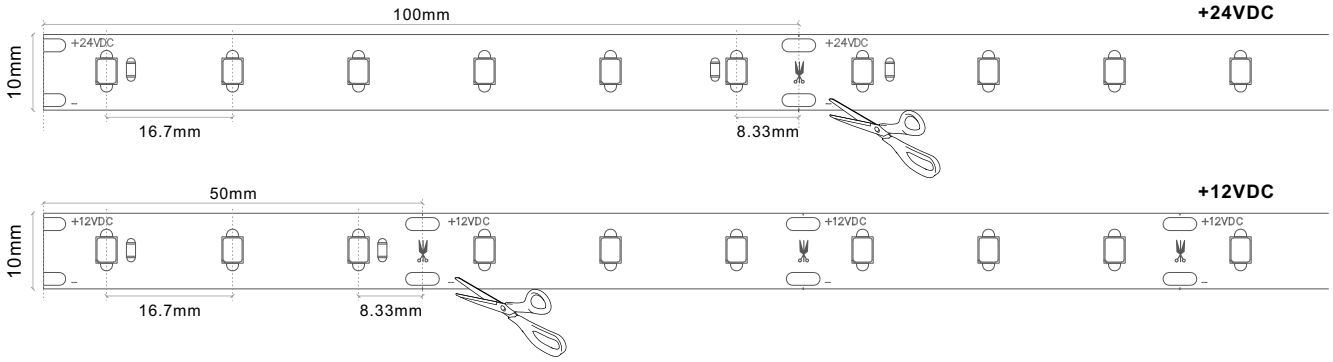
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-SP2835C1894-60-24-Y	1800K	720LM	<14.4W		94+	3OZ
ES-SP2835C2194-60-24-Y	2100K	770LM	<14.4W		94+	3OZ
ES-SP2835C2394-60-24-Y	2300K	850LM	<14.4W		94+	3OZ
ES-SP2835C2794-60-24-Y	2700K	990LM	<14.4W		94+	3OZ
ES-SP2835C3094-60-24-Y	3000K	990LM	<14.4W		94+	3OZ
ES-SP2835C3594-60-24-Y	3500K	990LM	<14.4W		94+	3OZ
ES-SP2835C4094-60-24-Y	4000K	1050LM	<14.4W		94+	3OZ
ES-SP2835C5094-60-24-Y	5000K	1050LM	<14.4W		94+	3OZ
ES-SP2835C6594-60-24-Y	6500K	1100LM	<14.4W		94+	3OZ



c UL us LISTED E466567 · CE · RoHS · 7 Jahre Garantie · LM-80 · LM-79 · 97+ Ra (available) · 1 BIN · 120°

Max. Länge CE:500CM UL:21.33FT(24V) | 13.12FT(12V)



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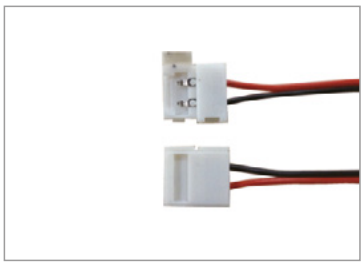
Verbinder

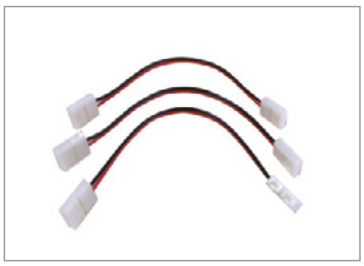
Einsetzbar für SMD3528/2835/2216 serie mit weniger als 120LED, SMD5050/5630 serie mit weniger als 60LED.

max. Strom: 4A

Verbinder

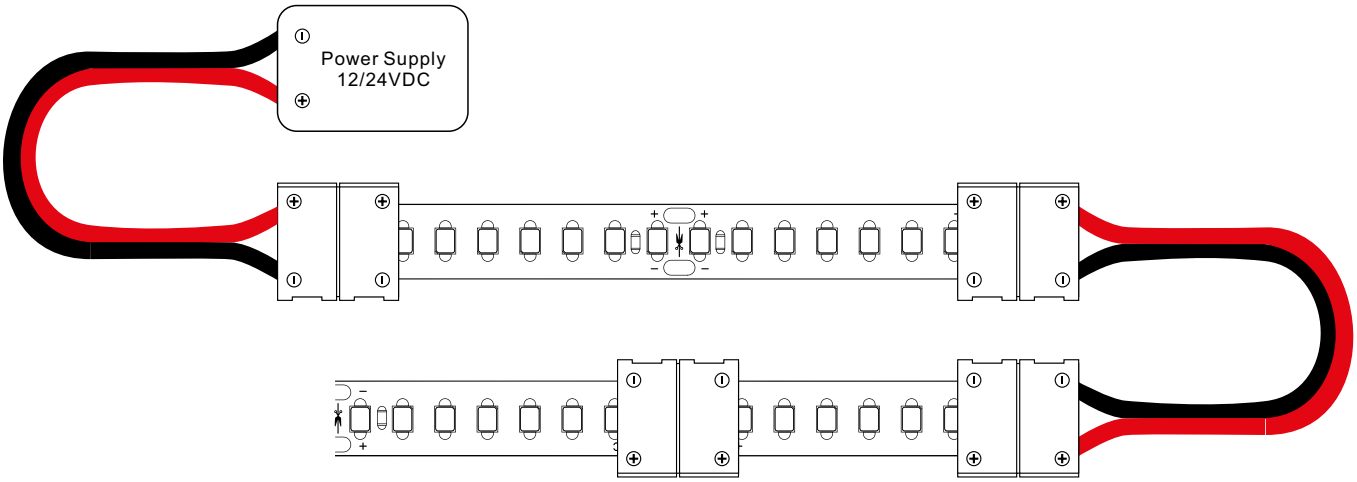


Verbinder mit Kabel einseitig



Verbinder

Einsatz von Verbinder



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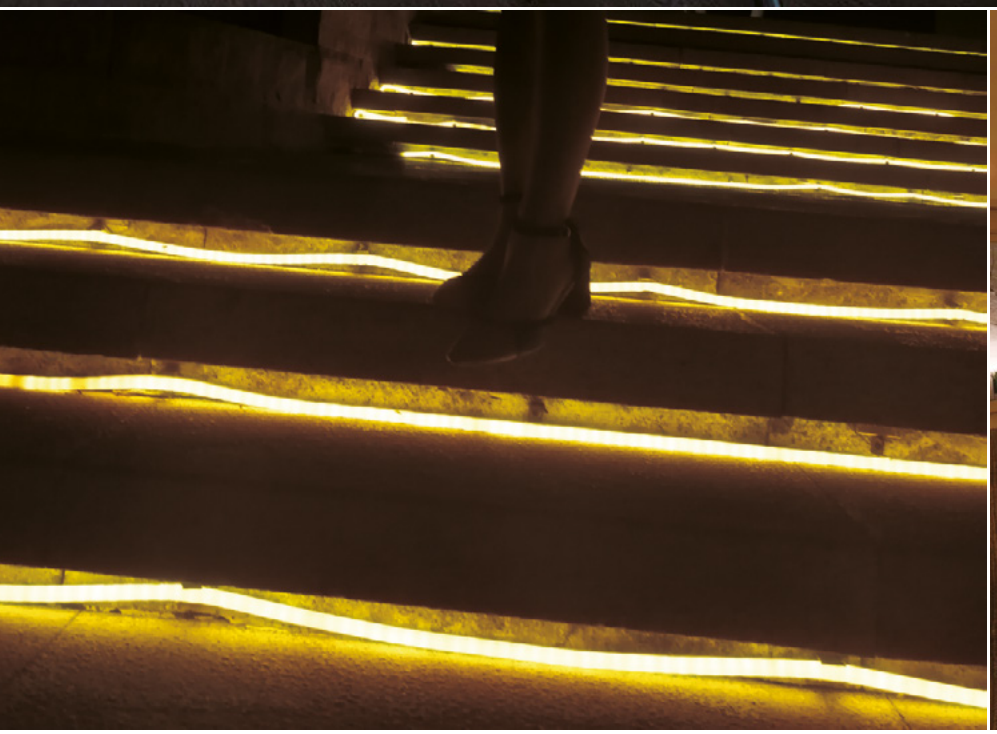

HLE LED Streifen

200LM/W

RA 80+ SMD5630 Serie
RA 90+ erhältlich

Produkteigenschaften

1. Höchst effizient mit bis zu 200lm/m
2. SMD 5630,1chip
3. CRI:RA 80+(RA 90+ erhältlich).
4. FPC optional erhältlich in den Farben braun, grau und schwarz.

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High Light Efficiency

200LM/W

1

LED Type

SMD5630

2

Farbtemperatur

2700 K	3000 K	4000 K	5000 K	6500 K

3

LED pro Meter

224 | 180 | 126 | 112 72 | 64 | 60

4

Spannung

24VDC | 12VDC

5

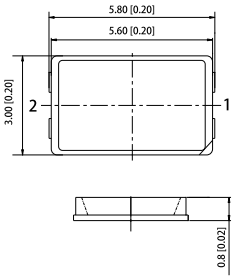
IP Schutzart

IP20 | IP54 | IP65

IP67 | IP68

HLE - High Light Efficience LED Streifen

Model	Color temp.	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD5630	2700K	120LM	130LM	350mA	3.0V	3.2V	80+
	3000K	120LM	130LM	350mA	3.0V	3.2V	80+
	4000K	130LM	140LM	350mA	3.0V	3.2V	80+
	5000K	130LM	140LM	350mA	3.0V	3.2V	80+
	6500K	130LM	140LM	350mA	3.0V	3.2V	80+



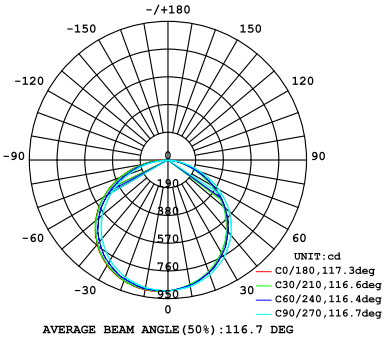
High Light Efficiency
RA 80+ SMD5630

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5630C2780-180-24-Y	2700K	3264LM	<19.2W	170LM/W	80+	3OZ
ES-5630C3080-180-24-Y	3000K	3456LM	<19.2W	180LM/W	80+	3OZ
ES-5630C4080-180-24-Y	4000K	3840LM	<19.2W	200LM/W	80+	3OZ
ES-5630C5080-180-24-Y	5000K	3744LM	<19.2W	195LM/W	80+	3OZ
ES-5630C6580-180-24-Y	6500K	3684LM	<19.2W	192LM/W	80+	3OZ

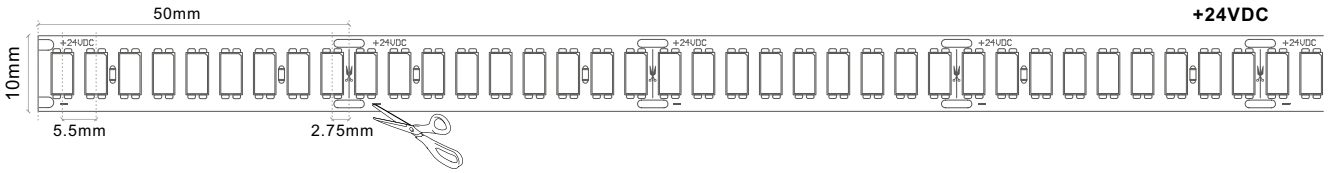
Höchst Effizient

200LM/W



c UL us LISTED E466567 · CE · RoHS · TÜV · 7 Jahre Garantie · LM-80 · LM-79 · 90+ Ra (erhältlich) · 1 BIN · 120°

Max. Länge CE:500CM UL:13.12FT



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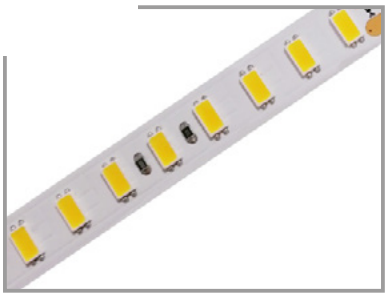
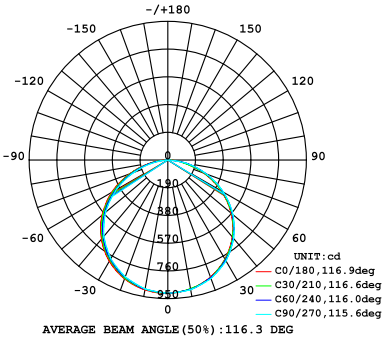
High Light Efficiency
RA 80+ SMD5630

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5630C2780-126-24-Y	2700K	2448LM	<14.4W	170LM/W	80+	3OZ
ES-5630C3080-126-24-Y	3000K	2592LM	<14.4W	180LM/W	80+	3OZ
ES-5630C4080-126-24-Y	4000K	2880LM	<14.4W	200LM/W	80+	3OZ
ES-5630C5080-126-24-Y	5000K	2808LM	<14.4W	195LM/W	80+	3OZ
ES-5630C6580-126-24-Y	6500K	2765LM	<14.4W	192LM/W	80+	3OZ



Höchst Effizient
200LM/W



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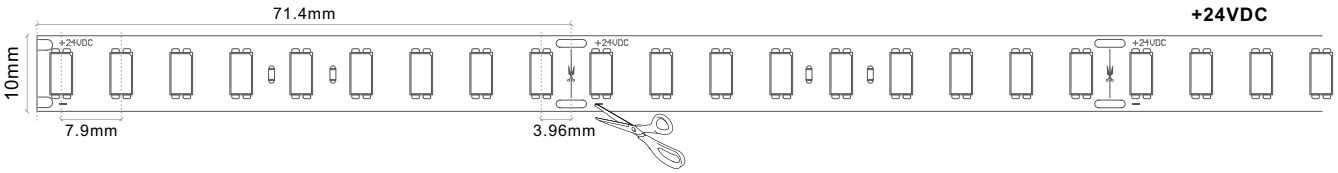
Max. Länge CE:500CM UL:13.12FT



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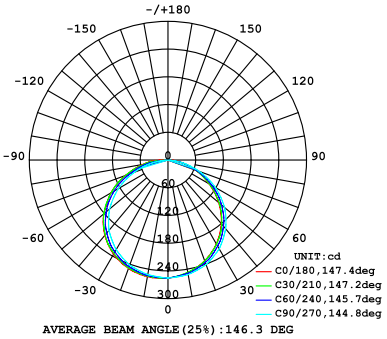
High Light Efficiency
RA 80+ SMD5630

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5630C2780-72-24-Y	2700K	1632LM	<9.6W	170LM/W	80+	3OZ
ES-5630C3080-72-24-Y	3000K	1728LM	<9.6W	180LM/W	80+	3OZ
ES-5630C4080-72-24-Y	4000K	1920LM	<9.6W	200LM/W	80+	3OZ
ES-5630C5080-72-24-Y	5000K	1872LM	<9.6W	195LM/W	80+	3OZ
ES-5630C6580-72-24-Y	6500K	1843LM	<9.6W	192LM/W	80+	3OZ

Höchst Effizient

200LM/W



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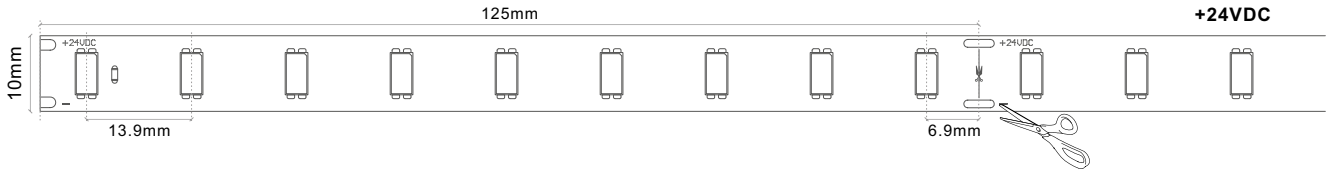
Max. Länge CE:500CM UL:13.12FT



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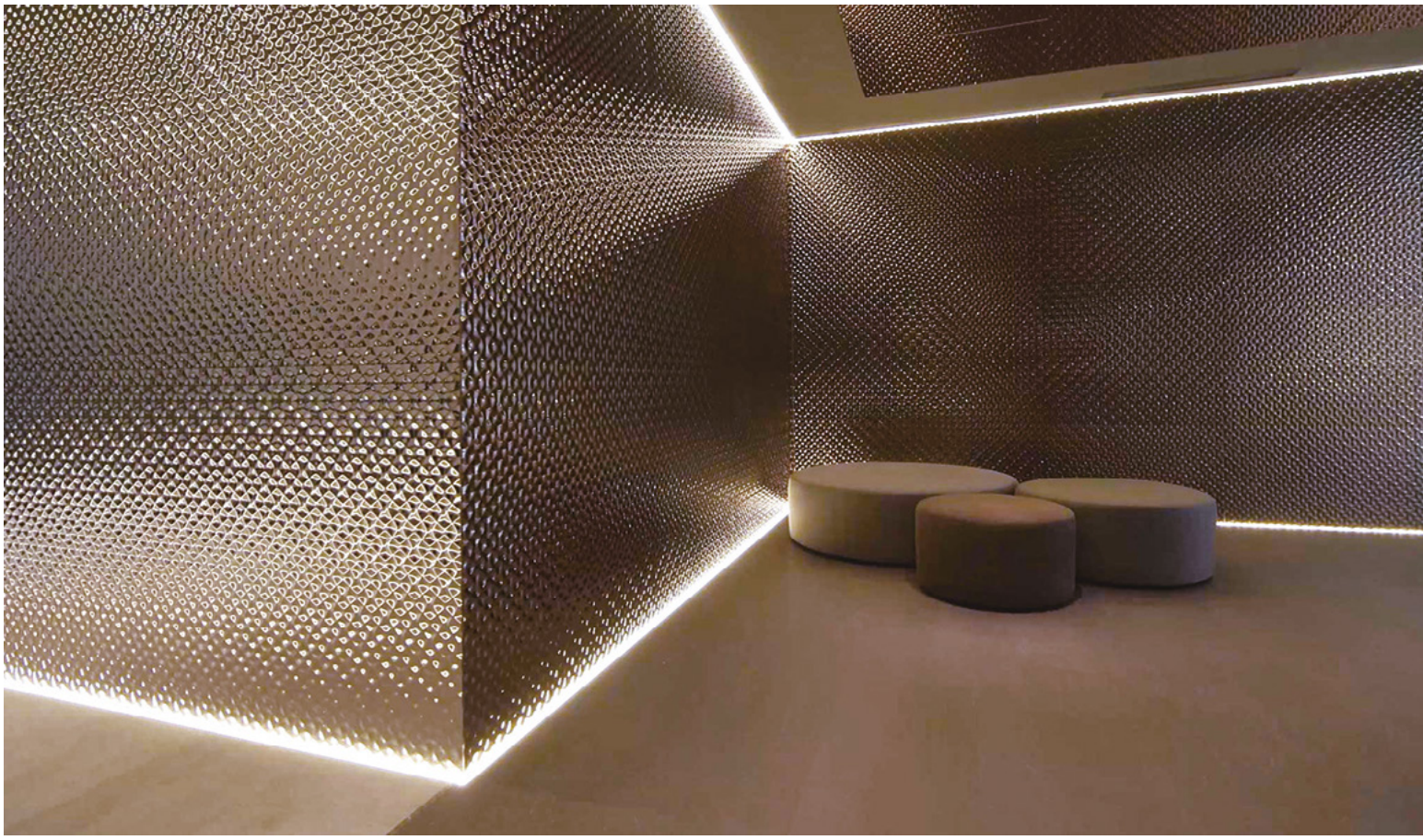
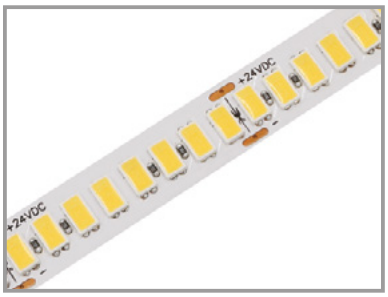
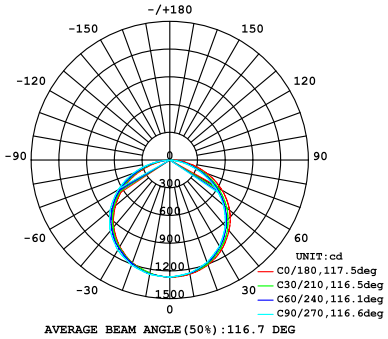


High Light Efficiency
RA 80+ SMD5630

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5630C2780-224-24-Y	2700K	3565LM	<23W	155LM/W	80+	3OZ
ES-5630C3080-224-24-Y	3000K	3680LM	<23W	160LM/W	80+	3OZ
ES-5630C4080-224-24-Y	4000K	3841LM	<23W	167LM/W	80+	3OZ
ES-5630C5080-224-24-Y	5000K	3864LM	<23W	168LM/W	80+	3OZ
ES-5630C6580-224-24-Y	6500K	3795LM	<23W	165LM/W	80+	3OZ





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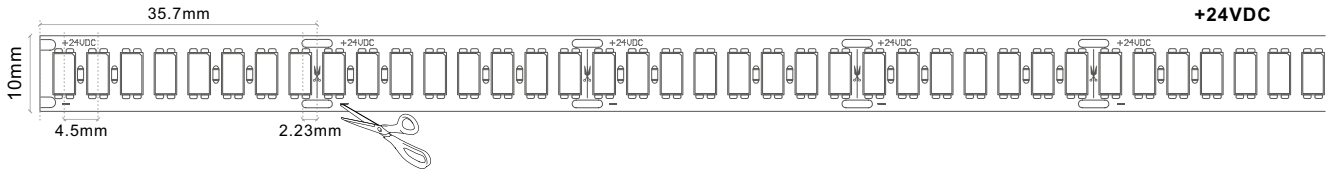
Max. Länge CE:500CM UL:13.12FT



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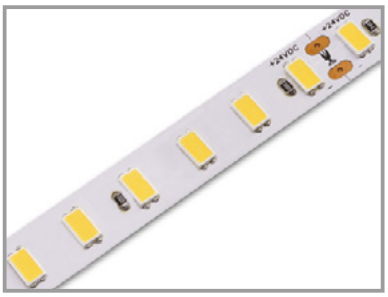
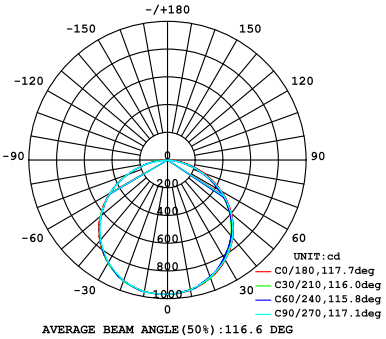
High Light Efficiency
RA 80+ SMD5630

smart mit led gmbh

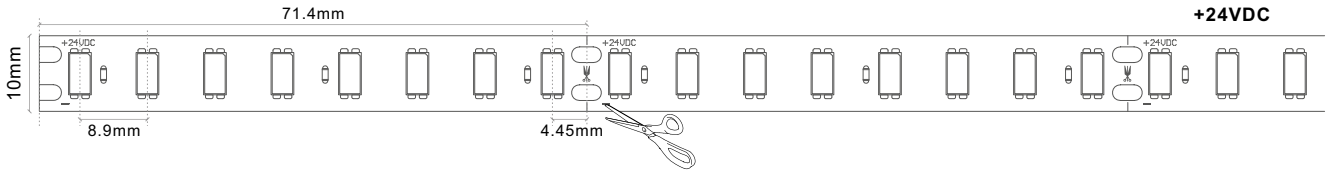
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5630C2780-112-24-Y	2700K	2805LM	<19.2W	146LM/W	80+	3OZ
ES-5630C3080-112-24-Y	3000K	2805LM	<19.2W	146LM/W	80+	3OZ
ES-5630C4080-112-24-Y	4000K	2940LM	<19.2W	153LM/W	80+	3OZ
ES-5630C5080-112-24-Y	5000K	2940LM	<19.2W	153LM/W	80+	3OZ
ES-5630C6580-112-24-Y	6500K	2840LM	<19.2W	148LM/W	80+	3OZ





c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 90+ Ra erhältlich 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



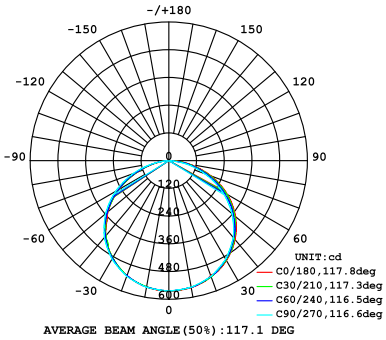
IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

High Light Efficiency
RA 80+ SMD5630

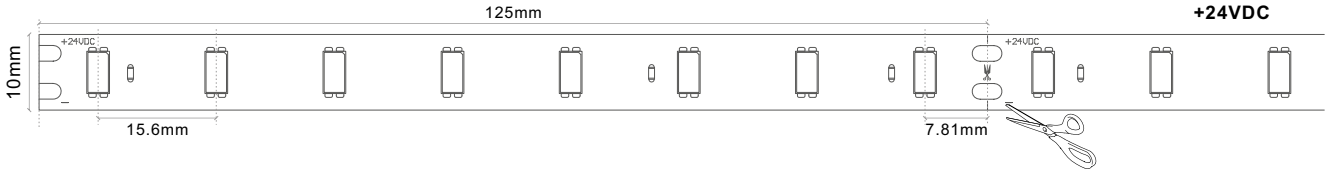
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	CRI/Ra	Effizienz		FPC
ES-5630C2780-64-24-Y	2700K	2016LM	<14.4W	80+	140LM/W	3OZ	IP20 IP65 IP54 IP67 IP68
ES-5630C3080-64-24-Y	3000K	2088LM	<14.4W	80+	145LM/W	3OZ	
ES-5630C4080-64-24-Y	4000K	2160LM	<14.4W	80+	150LM/W	3OZ	
ES-5630C5080-64-24-Y	5000K	2232LM	<14.4W	80+	155LM/W	3OZ	
ES-5630C6580-64-24-Y	6500K	2232LM	<14.4W	80+	155LM/W	3OZ	



c UL us LISTED E466567 · CE · RoHS · 7 Jahre Garantie · LM-80 · LM-79 · 90+ Ra (available) · 1 BIN · 120°

Max. Länge CE:500CM UL:14.26FT(19.2W) UL:32.81FT(10W)



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High Light Efficiency
RA 80+ SMD5630

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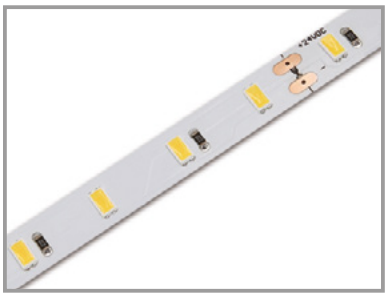
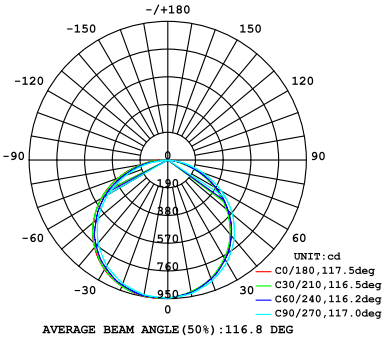
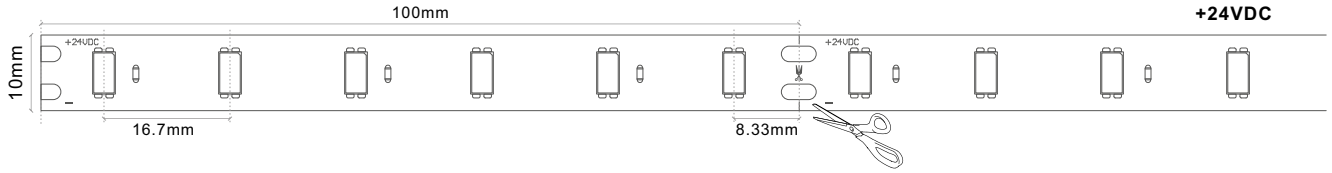
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5630C2780-60-24-Y	2700K	2645LM	<23W	115LM/W	80+	3OZ
ES-5630C2780-60-12-Y		2106LM	<18W	117LM/W		
ES-5630C3080-60-24-Y	3000K	2714LM	<23W	118LM/W	80+	3OZ
ES-5630C3080-60-12-Y		2196LM	<18W	122LM/W		
ES-5630C4080-60-24-Y	4000K	2806LM	<23W	122LM/W	80+	3OZ
ES-5630C4080-60-12-Y		2304LM	<18W	128LM/W		
ES-5630C5080-60-24-Y	5000K	2806LM	<23W	122LM/W	80+	3OZ
ES-5630C5080-60-12-Y		2304LM	<18W	128LM/W		
ES-5630C6580-60-24-Y	6500K	2875LM	<23W	125LM/W	80+	3OZ
ES-5630C6580-60-12-Y		2340LM	<18W	130LM/W		

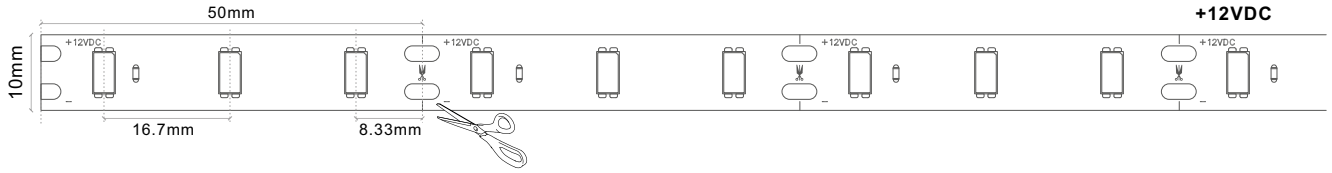




c UL us LISTED E466567 · CE · RoHS · 7 Jahre Garantie · LM-80 · LM-79 · 90+ Ra (available) · 1 BIN · 120°

Max. Länge CE:500CM UL:22.64FT(24V) | 11.32FT(12V)





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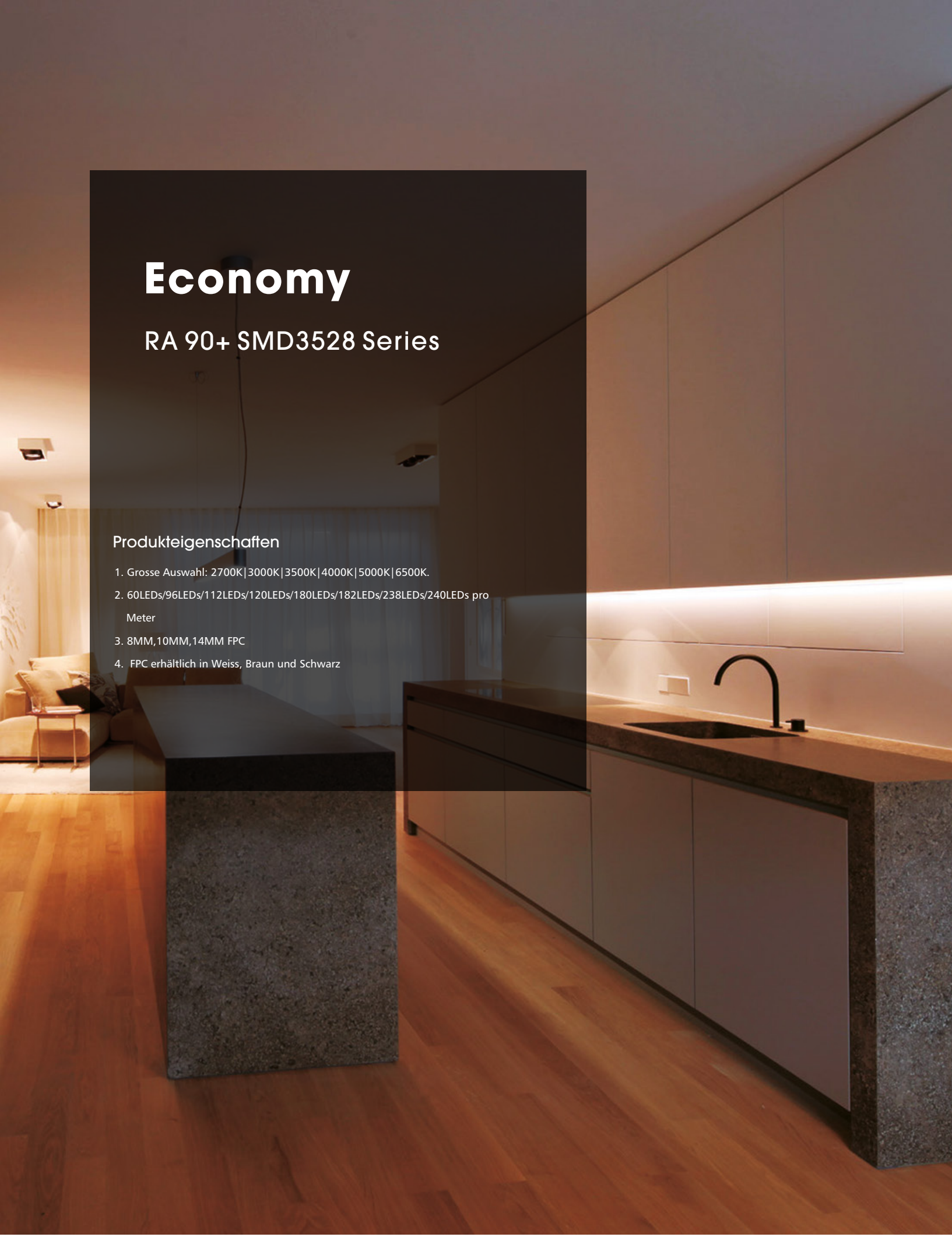

Economy

RA 90+ SMD3528 Series

Produkteigenschaften

1. Grosse Auswahl: 2700K|3000K|3500K|4000K|5000K|6500K.
2. 60LEDs/96LEDs/112LEDs/120LEDs/180LEDs/182LEDs/238LEDs/240LEDs pro Meter
3. 8MM,10MM,14MM FPC
4. FPC erhältlich in Weiss, Braun und Schwarz

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Economy

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LED Streifen

1

LED Type

SMD3528

2

Farbtemperatur

2700 K	3000 K	3500 K
4000 K	5000 K	6500 K

3

LED pro Meter

240 | 180 | 176 | 120

112 | 96 | 60

4

Spannung

24VDC | 12VDC

5

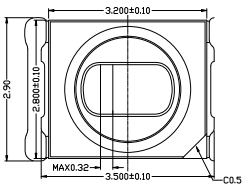
IP Schutzart

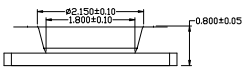
IP20 | IP54 | IP65

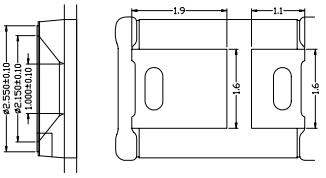
IP67 | IP68

Economy LED Streifen

Model	CCT Wave lengths	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD3528	2700K	16LM	18LM	60mA	3.0V	3.2V	90+
	3000K	16LM	18LM	60mA	3.0V	3.2V	90+
	3500K	18LM	20LM	60mA	3.0V	3.2V	90+
	4000K	18LM	20LM	60mA	3.0V	3.2V	90+
	5000K	18LM	20LM	60mA	3.0V	3.2V	90+
	6500K	18LM	20LM	60mA	3.0V	3.2V	90+
	620-625 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	585-590 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	517-522 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	465-470 NM NM	— —	— —	60mA	3.0V	3.2V	— —



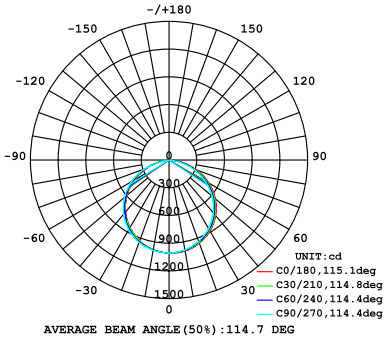




Economy RA 90+ SMD3528

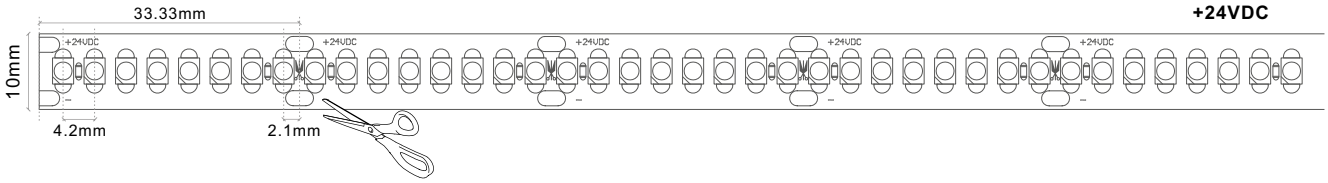
(Hohe Effizienz)

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-HE3528C2790-240-24-Y	2700K	2208LM	<19.2W	115LM/W	90+	3OZ
ES-HE3528C3090-240-24-Y	3000K	2208LM	<19.2W	115LM/W	90+	3OZ
ES-HE3528C3590-240-24-Y	3500K	2208LM	<19.2W	115LM/W	90+	3OZ
ES-HE3528C4090-240-24-Y	4000K	2323LM	<19.2W	121LM/W	90+	3OZ
ES-HE3528C5090-240-24-Y	5000K	2323LM	<19.2W	121LM/W	90+	3OZ
ES-HE3528C6590-240-24-Y	6500K	2246LM	<19.2W	117LM/W	90+	3OZ
ES-HE3528CRO-240-24-Y	620-625 NM NM	— —	<19.2W	— —	— —	3OZ
ES-HE3528CGE-240-24-Y	585-590 NM NM	— —	<19.2W	— —	— —	3OZ
ES-HE3528CGR-240-24-Y	517-522 NM NM	— —	<19.2W	— —	— —	3OZ
ES-HE3528CBL-240-24-Y	465-470 NM NM	— —	<19.2W	— —	— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



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Economy RA 90+ SMD3528

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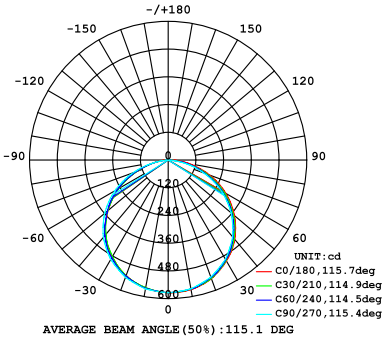
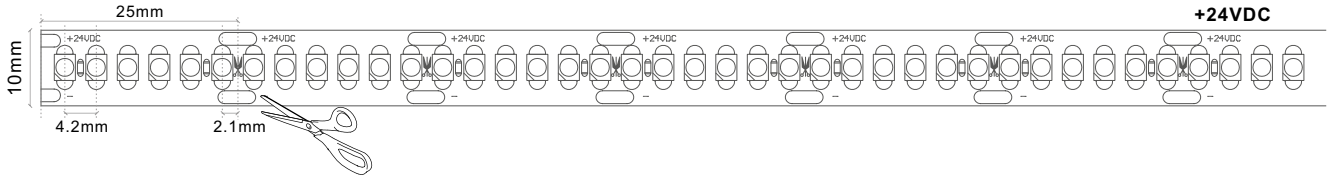
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-240-24-Y	2700K	1564LM	<19.2W		90+	3OZ
ES-3528C3090-240-24-Y	3000K	1564LM	<19.2W		90+	3OZ
ES-3528C3590-240-24-Y	3500K	1564LM	<19.2W		90+	3OZ
ES-3528C4090-240-24-Y	4000K	1600LM	<19.2W		90+	3OZ
ES-3528C5090-240-24-Y	5000K	1600LM	<19.2W		90+	3OZ
ES-3528C6590-240-24-Y	6500K	1650LM	<19.2W		90+	3OZ
ES-3528CRO-240-24-Y	620-625 NM NM	— —	<19.2W		— —	3OZ
ES-3528CGE-240-24-Y	585-590 NM NM	— —	<19.2W		— —	3OZ
ES-3528CGR-240-24-Y	517-522 NM NM	— —	<19.2W		— —	3OZ
ES-3528CBL-240-24-Y	465-470 NM NM	— —	<19.2W		— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



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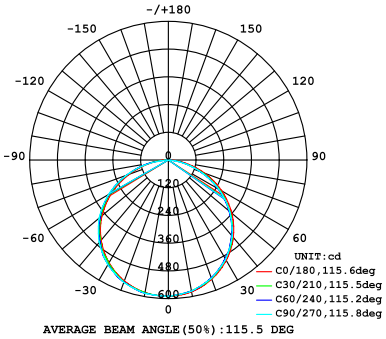
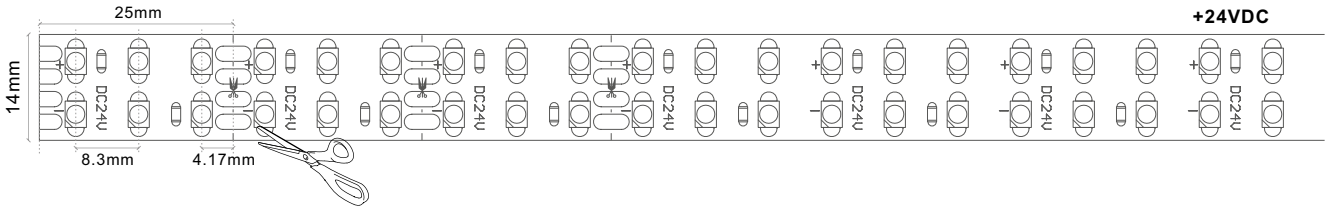
Economy RA 90+ SMD3528

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-240H-24-Y	2700K	1564LM	<19.2W		90+	3OZ
ES-3528C3090-240H-24-Y	3000K	1564LM	<19.2W		90+	3OZ
ES-3528C3590-240H-24-Y	3500K	1564LM	<19.2W		90+	3OZ
ES-3528C4090-240H-24-Y	4000K	1600LM	<19.2W		90+	3OZ
ES-3528C5090-240H-24-Y	5000K	1600LM	<19.2W		90+	3OZ
ES-3528C6590-240H-24-Y	6500K	1650LM	<19.2W		90+	3OZ
ES-3528CRO-240H-24-Y	620-625 NM NM	— —	<19.2W		— —	3OZ
ES-3528CGE-240H-24-Y	585-590 NM NM	— —	<19.2W		— —	3OZ
ES-3528CGR-240H-24-Y	517-522 NM NM	— —	<19.2W		— —	3OZ
ES-3528CBL-240H-24-Y	465-470 NM NM	— —	<19.2W		— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



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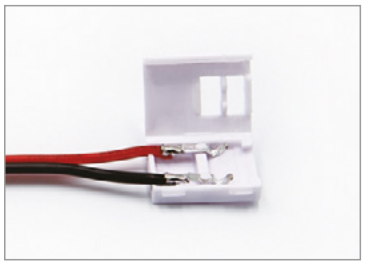
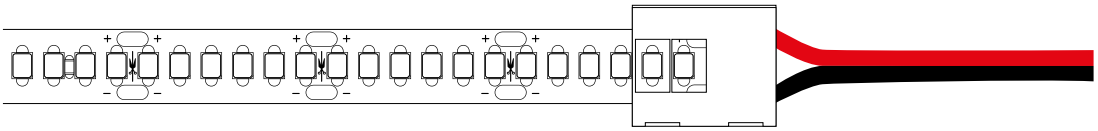
Verbinder mit Kabel

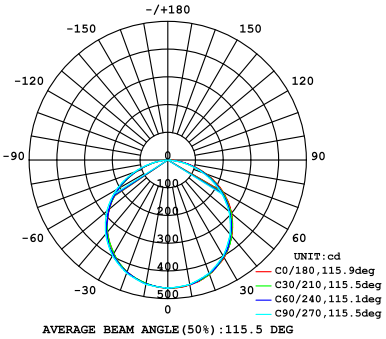


Erhältlich für SMD3528/2835, für 240LED oder 238LED
Artikel: ES-3528C-240-24-Y,ES-3528C-238-24-Y,ES-2835C-240-24-Y
Maximal Strom: 4A



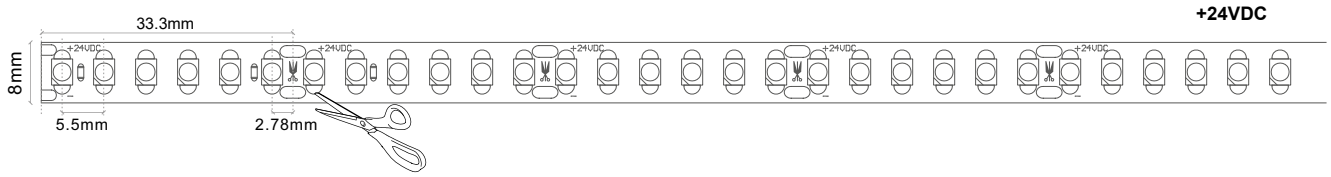
Economy RA 90+ SMD3528

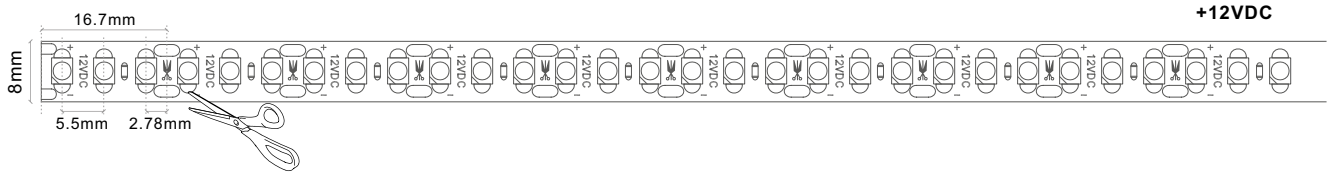
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-180-24-Y	2700K	1026LM	<14.4W		90+	3OZ
ES-3528C3090-180-24-Y	3000K	1026LM	<14.4W		90+	3OZ
ES-3528C3590-180-24-Y	3500K	1026LM	<14.4W		90+	3OZ
ES-3528C4090-180-24-Y	4000K	1100LM	<14.4W		90+	3OZ
ES-3528C5090-180-24-Y	5000K	1100LM	<14.4W		90+	3OZ
ES-3528C6590-180-24-Y	6500K	1150LM	<14.4W		90+	3OZ
ES-3528CRO-180-24-Y	620-625 NM NM	— —	<14.4W		— —	3OZ
ES-3528CGE-180-24-Y	585-590 NM NM	— —	<14.4W		— —	3OZ
ES-3528CGR-180-24-Y	517-522 NM NM	— —	<14.4W		— —	3OZ
ES-3528CBL-180-24-Y	465-470 NM NM	— —	<14.4W		— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:22.63FT(24V) | 13.12FT(12V)





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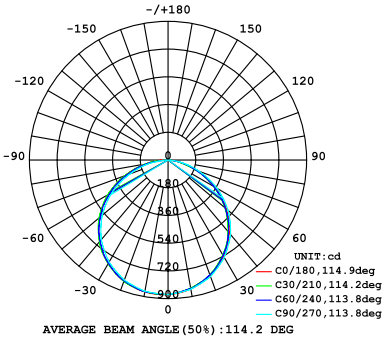
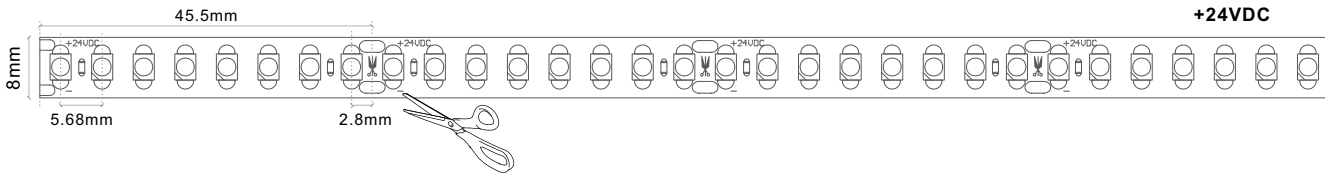
Economy RA 90+ SMD3528

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-176-24-Y	2700K	1584LM	<14.4W	110LM/W	90+	3OZ
ES-3528C3090-176-24-Y	3000K	1584LM	<14.4W	110LM/W	90+	3OZ
ES-3528C3590-176-24-Y	3500K	1642LM	<14.4W	114LM/W	90+	3OZ
ES-3528C4090-176-24-Y	4000K	1699LM	<14.4W	118LM/W	90+	3OZ
ES-3528C5090-176-24-Y	5000K	1728LM	<14.4W	120LM/W	90+	3OZ
ES-3528C6590-176-24-Y	6500K	1699LM	<14.4W	118LM/W	90+	3OZ
ES-3528CRO-176-24-Y	620-625 NM NM	— —	<14.4W	— —	— —	3OZ
ES-3528CGE-176-24-Y	585-590 NM NM	— —	<14.4W	— —	— —	3OZ
ES-3528CGR-176-24-Y	517-522 NM NM	— —	<14.4W	— —	— —	3OZ
ES-3528CBL-176-24-Y	465-470 NM NM	— —	<14.4W	— —	— —	3OZ



c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 Ra 90+ 1 BIN 120°

Max. Länge CE:500CM UL:16.4FT

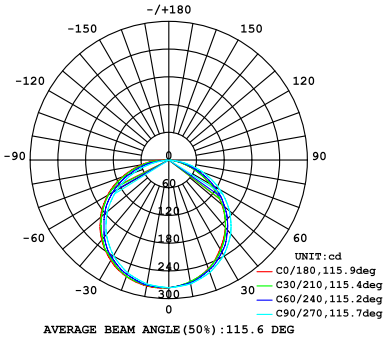


IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

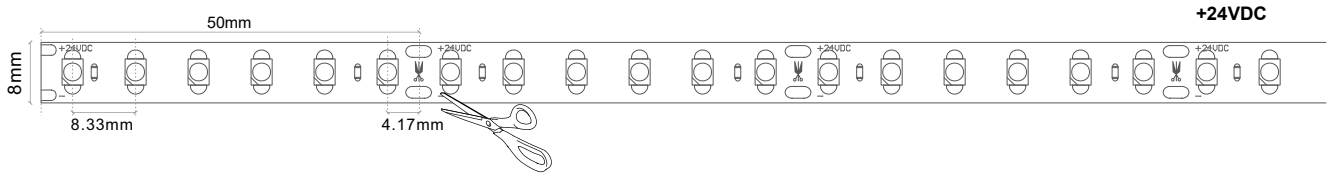
Economy RA 90+ SMD3528

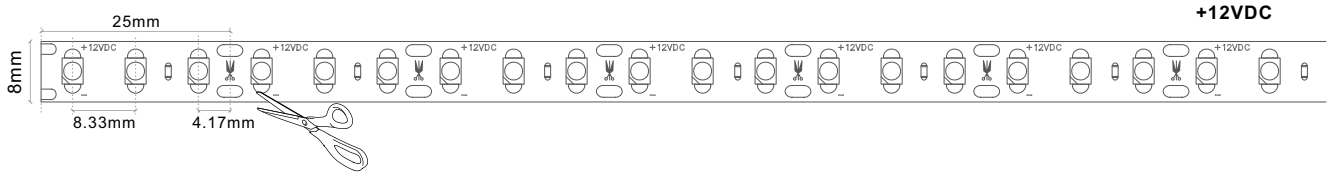
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-120-24-Y	2700K	740LM	<9.6W		90+	3OZ
ES-3528C3090-120-24-Y	3000K	740LM	<9.6W		90+	3OZ
ES-3528C3590-120-24-Y	3500K	740LM	<9.6W		90+	3OZ
ES-3528C4090-120-24-Y	4000K	768LM	<9.6W		90+	3OZ
ES-3528C5090-120-24-Y	5000K	768LM	<9.6W		90+	3OZ
ES-3528C6590-120-24-Y	6500K	780LM	<9.6W		90+	3OZ
ES-3528CRO-120-24-Y	620-625 NM NM	— —	<9.6W		— —	3OZ
ES-3528CGE-120-24-Y	585-590 NM NM	— —	<9.6W		— —	3OZ
ES-3528CGE-120-24-Y	517-522 NM NM	— —	<9.6W		— —	3OZ
ES-3528CBL-120-24-Y	465-470 NM NM	— —	<9.6W		— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:32.8FT(24V) | 19.69FT(12V)





IP Schutzart:

- ☑ IP20
- ☑ IP54
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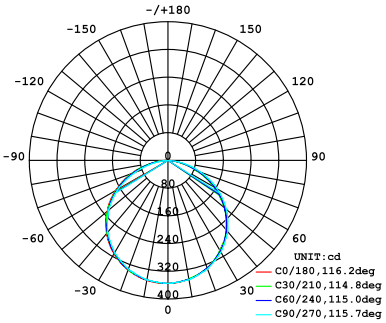
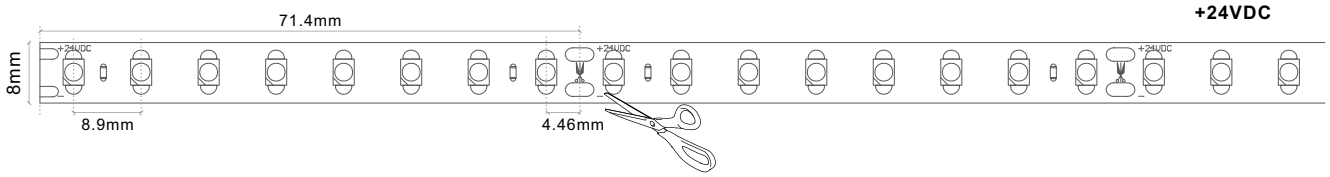
Economy RA 90+ SMD3528

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-112-24-Y	2700K	1037LM	<9.6W	108LM/W	90+	3OZ
ES-3528C3090-112-24-Y	3000K	1056LM	<9.6W	110LM/W	90+	3OZ
ES-3528C3590-112-24-Y	3500K	1056LM	<9.6W	110LM/W	90+	3OZ
ES-3528C4090-112-24-Y	4000K	1113LM	<9.6W	116LM/W	90+	3OZ
ES-3528C5090-112-24-Y	5000K	1113LM	<9.6W	116LM/W	90+	3OZ
ES-3528C6590-112-24-Y	6500K	1065LM	<9.6W	111LM/W	90+	3OZ
ES-3528CRO-112-24-Y	620-625 NM NM	— —	<9.6W	— —	— —	3OZ
ES-3528CGE-112-24-Y	585-590 NM NM	— —	<9.6W	— —	— —	3OZ
ES-3528CGR-112-24-Y	517-522 NM NM	— —	<9.6W	— —	— —	3OZ
ES-3528CBL-112-24-Y	465-470 NM NM	— —	<9.6W	— —	— —	3OZ



c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 Ra 90+ 1 BIN 120°

Max. Länge CE:500CM UL:34.18FT



IPSchutzart:

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- ☑ IP67-1
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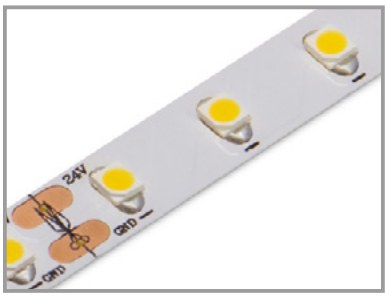
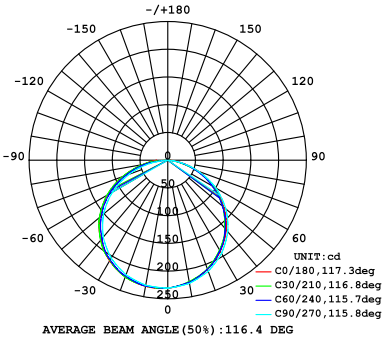
- ☑ IP68

Economy RA 90+ SMD3528

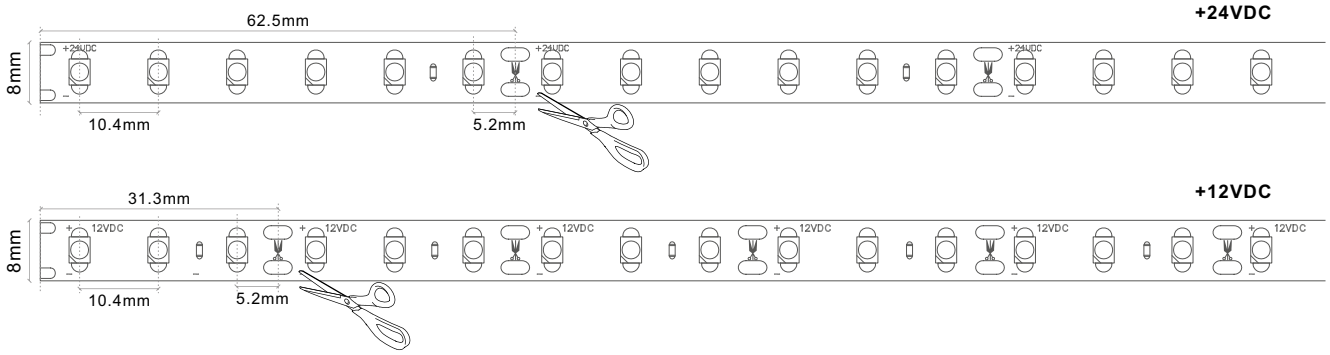
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-96-24-Y	2700K	430LM	<7.68W		90+	3OZ
ES-3528C3090-96-24-Y	3000K	430LM	<7.68W		90+	3OZ
ES-3528C3590-96-24-Y	3500K	430LM	<7.68W		90+	3OZ
ES-3528C4090-96-24-Y	4000K	480LM	<7.68W		90+	3OZ
ES-3528C5090-96-24-Y	5000K	530LM	<7.68W		90+	3OZ
ES-3528C6590-96-24-Y	6500K	500LM	<7.68W		90+	3OZ
ES-3528CRO-96-24-Y	620-625 NM NM	— —	<7.68W		— —	3OZ
ES-3528CGE-96-24-Y	585-590 NM NM	— —	<7.68W		— —	3OZ
ES-3528CGR-96-24-Y	517-522 NM NM	— —	<7.68W		— —	3OZ
ES-3528CBL-96-24-Y	465-470 NM NM	— —	<7.68W		— —	3OZ





UL LISTED E466567 · CE · RoHS · TÜV · 7 Jahre Garantie · LM-80 · LM-79 · Ra 90+ · 1 BIN · 120°

Max. Länge CE:500CM UL:47.57FT(24V) | 26.25FT(12V)



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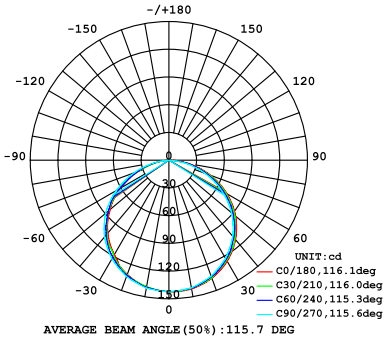
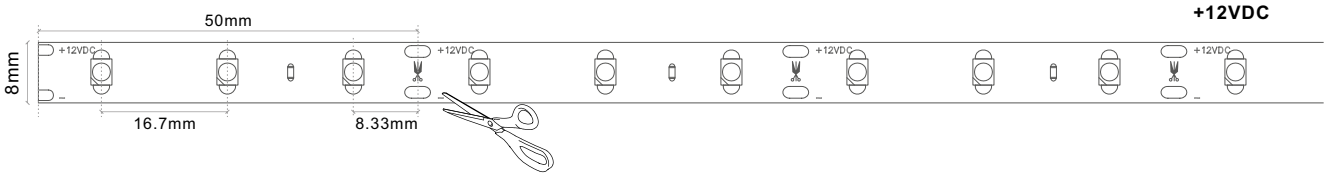
Economy RA 90+ SMD3528

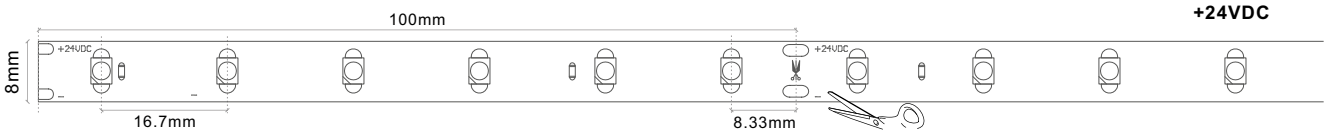
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528C2790-60-12-Y	2700K	360LM	<4.8W		90+	2OZ
ES-3528C3090-60-12-Y	3000K	360LM	<4.8W		90+	2OZ
ES-3528C3590-60-12-Y	3500K	360LM	<4.8W		90+	2OZ
ES-3528C4090-60-12-Y	4000K	390LM	<4.8W		90+	2OZ
ES-3528C5090-60-12-Y	5000K	390LM	<4.8W		90+	2OZ
ES-3528C6590-60-12-Y	6500K	400LM	<4.8W		90+	2OZ
ES-3528CRO-60-12-Y	620-625 NM NM	— —	<4.8W		— —	2OZ
ES-3528CGE-60-12-Y	585-590 NM NM	— —	<4.8W		— —	2OZ
ES-3528CGR-60-12-Y	517-522 NM NM	— —	<4.8W		— —	2OZ
ES-3528CBL60-12-Y	465-470 NM NM	— —	<4.8W		— —	2OZ



E466567

Max. Länge CE:500CM UL:41FT(12V) | 60.7FT(24V)





IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

SMD5050 Serie

RA 90+

Produktinformationen

1. Hohe Farbwiedergabe RA 90+
2. Grosse Auswahl: 2700K|3000K|4000K|5000K|6500K.
3. 30LEDs/60LEDs/72LEDs/96LEDs/120LEDs pro Meter
4. 10MM,12MM,18MM FPC Breite.
5. FPC erhältlich in Braun, Weiss und Schwarz

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SMD5050 Serie

smart mit led gmbh

RA 90+

1

LED Type

SMD5050

2

Farbtemperatur

2700 K	3000 K	4000 K	5000 K	6500 K

3

LED pro Meter

120 | 96 | 72 | 60 | 30

4

Spannung

24VDC | 12VDC

5

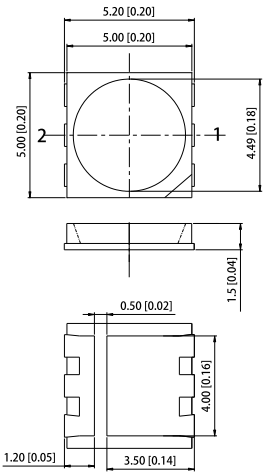
IP Schutzart

IP20 | IP54 | IP65

IP67 | IP68

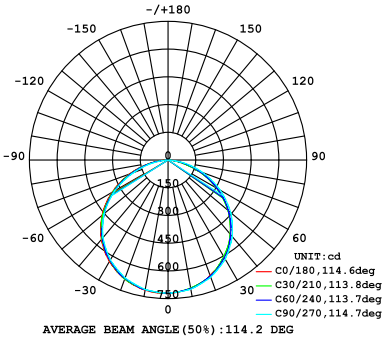
SMD5050 LED Streifen

Model	Farbtemperatur Wellenlänge			I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD5050	2700K	20LM	22LM	60mA	3.0V	3.2V	90+
	3000K	20LM	22LM	60mA	3.0V	3.2V	90+
	4000K	20LM	22LM	60mA	3.0V	3.2V	90+
	5000K	20LM	22LM	60mA	3.0V	3.2V	90+
	6500K	20LM	22LM	60mA	3.0V	3.2V	90+
	620-625 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	585-590 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	517-522 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	465-470 NM NM	— —	— —	60mA	3.0V	3.2V	— —



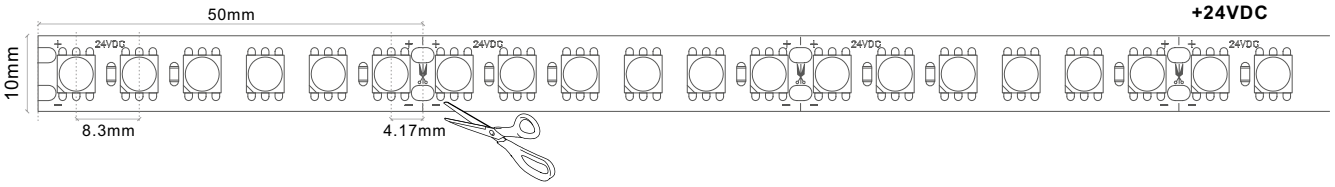
RA 90+ SMD5050 Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050C2790-120H-24-Y	2700K	1815LM	<23W		90+	3OZ
ES-5050C3090-120H-24-Y	3000K	1815LM	<23W		90+	3OZ
ES-5050C4090-120H-24-Y	4000K	1985LM	<23W		90+	3OZ
ES-5050C5090-120H-24-Y	5000K	1985LM	<23W		90+	3OZ
ES-5050C6590-120H-24-Y	6500K	2015LM	<23W		90+	3OZ
ES-5050CRO-120H-24-Y	620-625 NM NM	— —	<23W		— —	3OZ
ES-5050CGE-120H-24-Y	585-590 NM NM	— —	<23W		— —	3OZ
ES-5050CGR-120H-24-Y	517-522 NM NM	— —	<23W		— —	3OZ
ES-5050CBL-120H-24-Y	465-470 NM NM	— —	<23W		— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

- ☑ IP20
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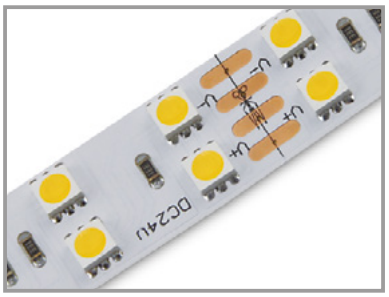
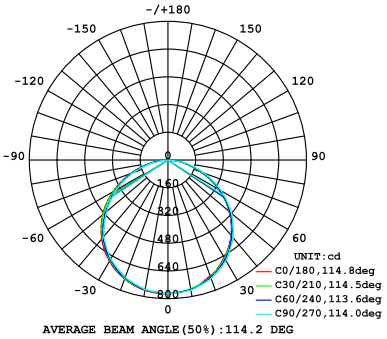
RA 90+ SMD5050 Serie

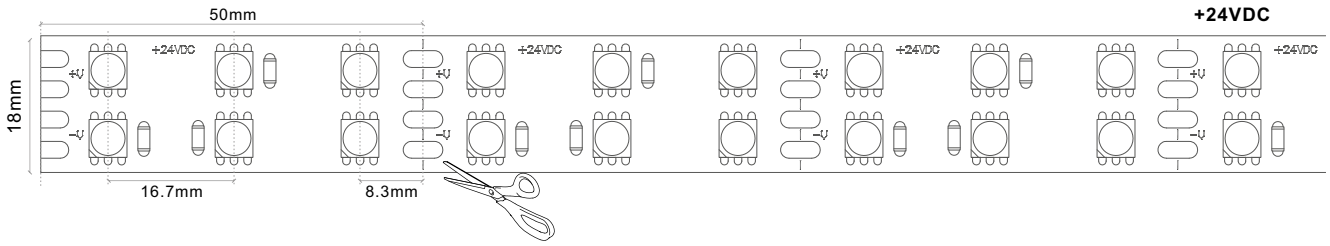
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050C2790-120-24-Y	2700K	1835LM	<26W		90+	3OZ
ES-5050C3090-120-24-Y	3000K	1835LM	<26W		90+	3OZ
ES-5050C4090-120-24-Y	4000K	1915LM	<26W		90+	3OZ
ES-5050C5090-120-24-Y	5000K	1915LM	<26W		90+	3OZ
ES-5050C6590-120-24-Y	6500K	2043LM	<26W		90+	3OZ
ES-5050CRO-120-24-Y	620-625 NM NM	— —	<26W		— —	3OZ
ES-5050CGE-120-24-Y	585-590 NM NM	— —	<26W		— —	3OZ
ES-5050CGR-120-24-Y	517-522 NM NM	— —	<26W		— —	3OZ
ES-5050CBL-120-24-Y	465-470 NM NM	— —	<26W		— —	3OZ





c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 Ra 90+ 1 BIN 120°

Max. Länge CE:500CM UL:11.48FT



IP Schutzart:

- ☑ IP20
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- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

RA 90+ SMD5050 Serie

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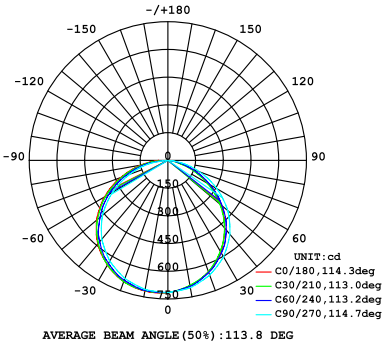
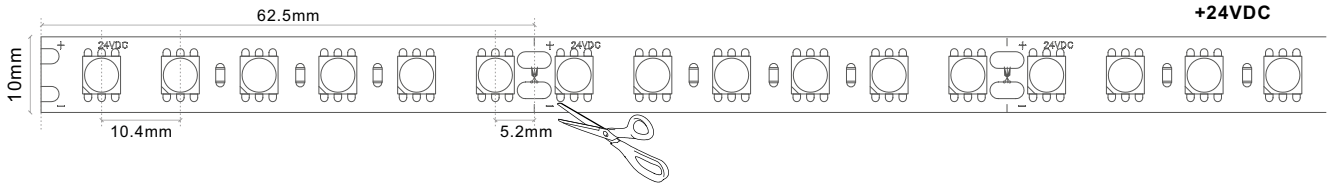
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050C2790-96-24-Y	2700K	1625LM	<23W		90+	3OZ
ES-5050C3090-96-24-Y	3000K	1625LM	<23W		90+	3OZ
ES-5050C4090-96-24-Y	4000K	1717LM	<23W		90+	3OZ
ES-5050C5090-96-24-Y	5000K	1717LM	<23W		90+	3OZ
ES-5050C6590-96-24-Y	6500K	1809LM	<23W		90+	3OZ
ES-5050CRO-96-24-Y	620-625 NM NM	— —	<23W		— —	3OZ
ES-5050CGE-96-24-Y	585-590 NM NM	— —	<23W		— —	3OZ
ES-5050CGR-96-24-Y	517-522 NM NM	— —	<23W		— —	3OZ
ES-5050CBL-96-24-Y	465-470 NM NM	— —	<23W		— —	3OZ



c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 Ra 90+ 1 BIN 120°

Max. Länge CE:500CM UL:14.23FT



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RA 90+ SMD5050 Serie

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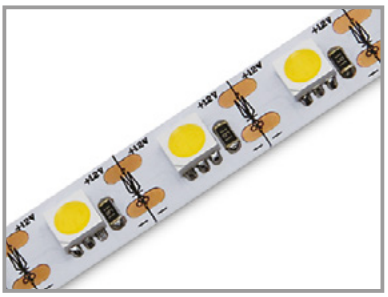
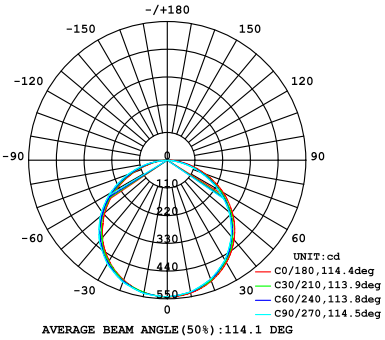
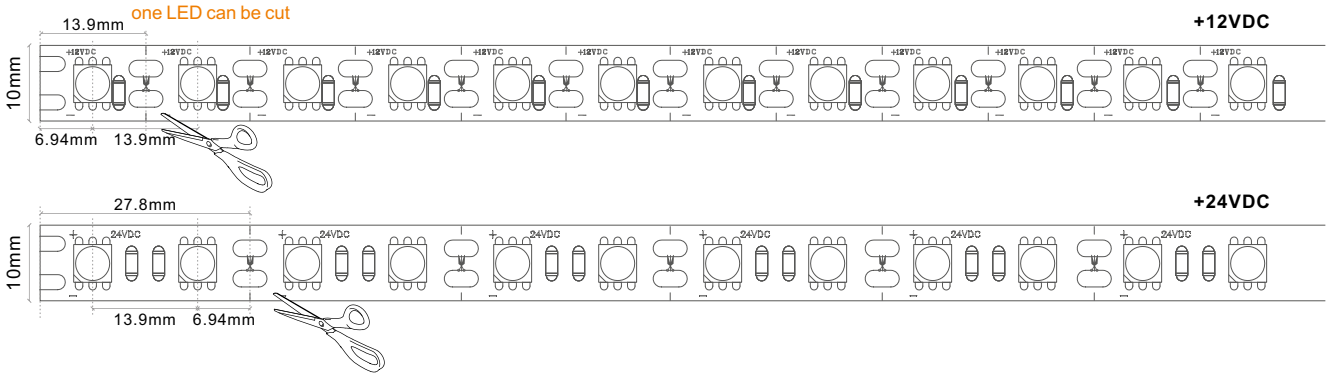
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050C2790-72-12-Y	2700K	1065LM	<17.2W		90+	3OZ
ES-505C3090-72-12-Y	3000K	1065LM	<17.2W		90+	3OZ
ES-5050C4090-72-12-Y	4000K	1105LM	<17.2W		90+	3OZ
ES-5050C5090-72-12-Y	5000K	1105LM	<17.2W		90+	3OZ
ES-5050C6590-72-12-Y	6500K	1215LM	<17.2W		90+	3OZ
ES-5050CRO-72-12-Y	620-625 NM NM	— —	<17.2W		— —	3OZ
ES-5050CGE-72-12-Y	585-590 NM NM	— —	<17.2W		— —	3OZ
ES-5050CGR-72-12-Y	517-522 NM NM	— —	<17.2W		— —	3OZ
ES-5050CBL-72-12-Y	465-470 NM NM	— —	<17.2W		— —	3OZ





c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 Ra 90+ 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT(12V) | 19.69FT(24V)



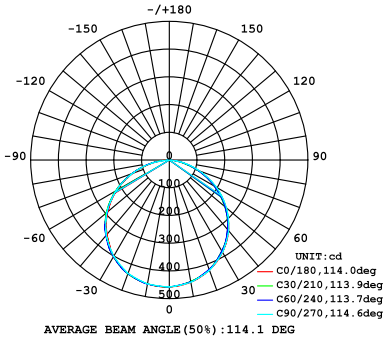
IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

RA 90+ SMD5050 Serie

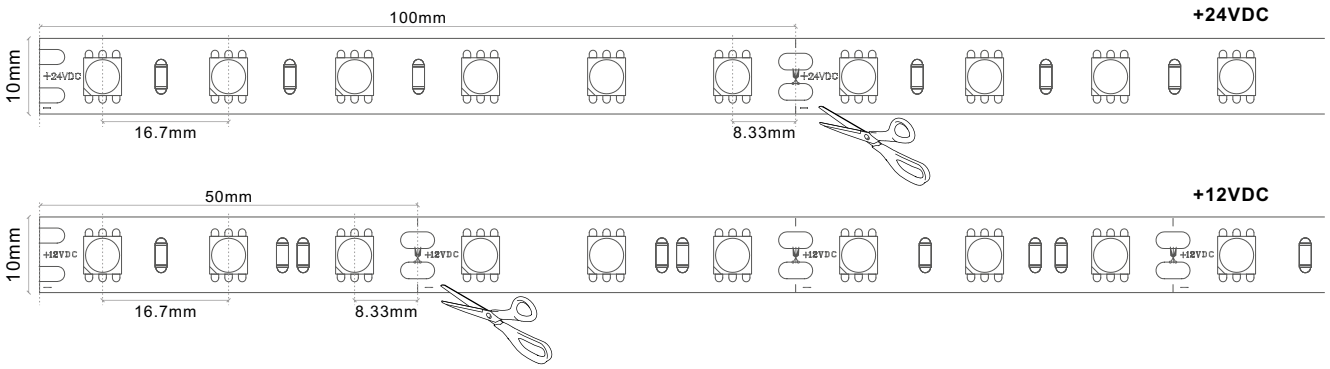
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050C2790-60-24-Y	2700K	1035LM	<14.4W		90+	3OZ
ES-5050C3090-60-24-Y	3000K	1035LM	<14.4W		90+	3OZ
ES-5050C4090-60-24-Y	4000K	1065LM	<14.4W		90+	3OZ
ES-5050C5090-60-24-Y	5000K	1065LM	<14.4W		90+	3OZ
ES-5050C6590-60-24-Y	6500K	1093LM	<14.4W		90+	3OZ
ES-5050CRO-60-24-Y	620-625 NM NM	— —	<14.4W		— —	3OZ
ES-5050CGE-60-24-Y	585-590 NM NM	— —	<14.4W		— —	3OZ
ES-5050CGR-60-24-Y	517-522 NM NM	— —	<14.4W		— —	3OZ
ES-5050CBL-60-24-Y	465-470 NM NM	— —	<14.4W		— —	3OZ



c UL us LISTED E466567

Max. Länge CE:500CM UL:22.63FT(24V) | 13.12FT(12V)



IP Schutzart:

- ☑ IP20
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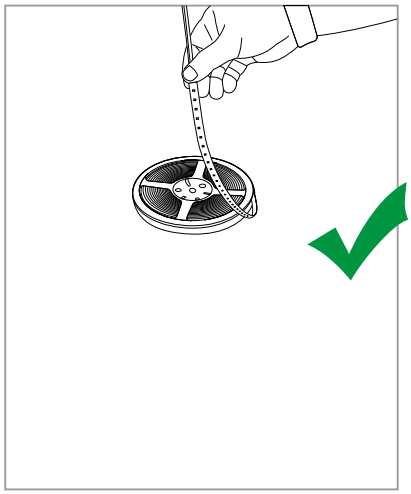
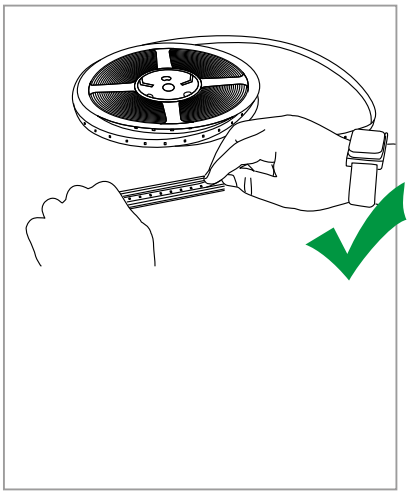
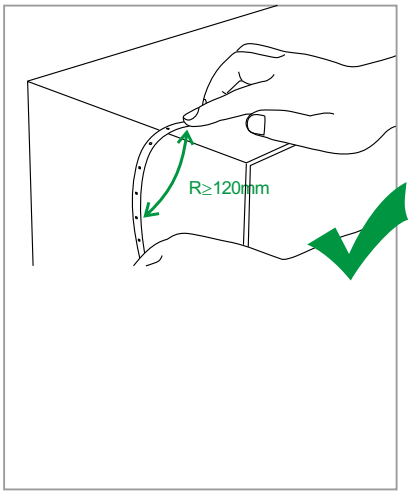
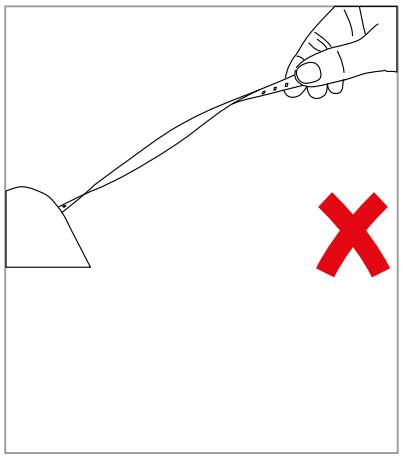
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

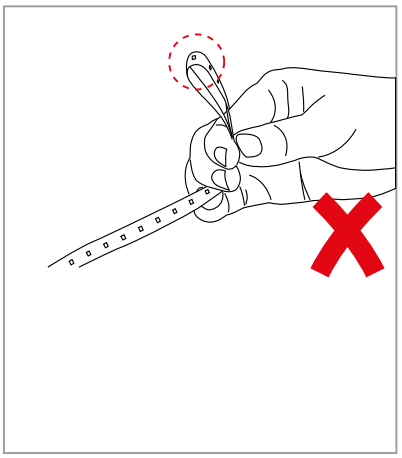
Hinweise:

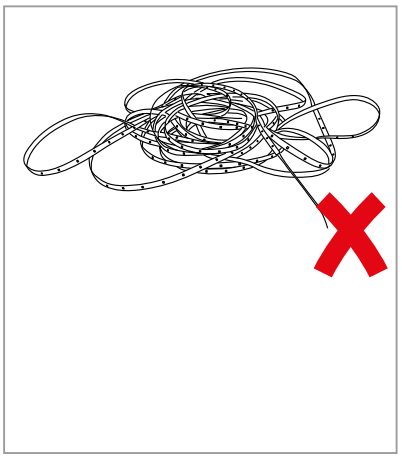


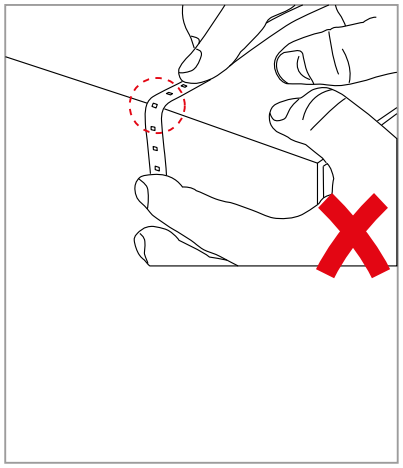


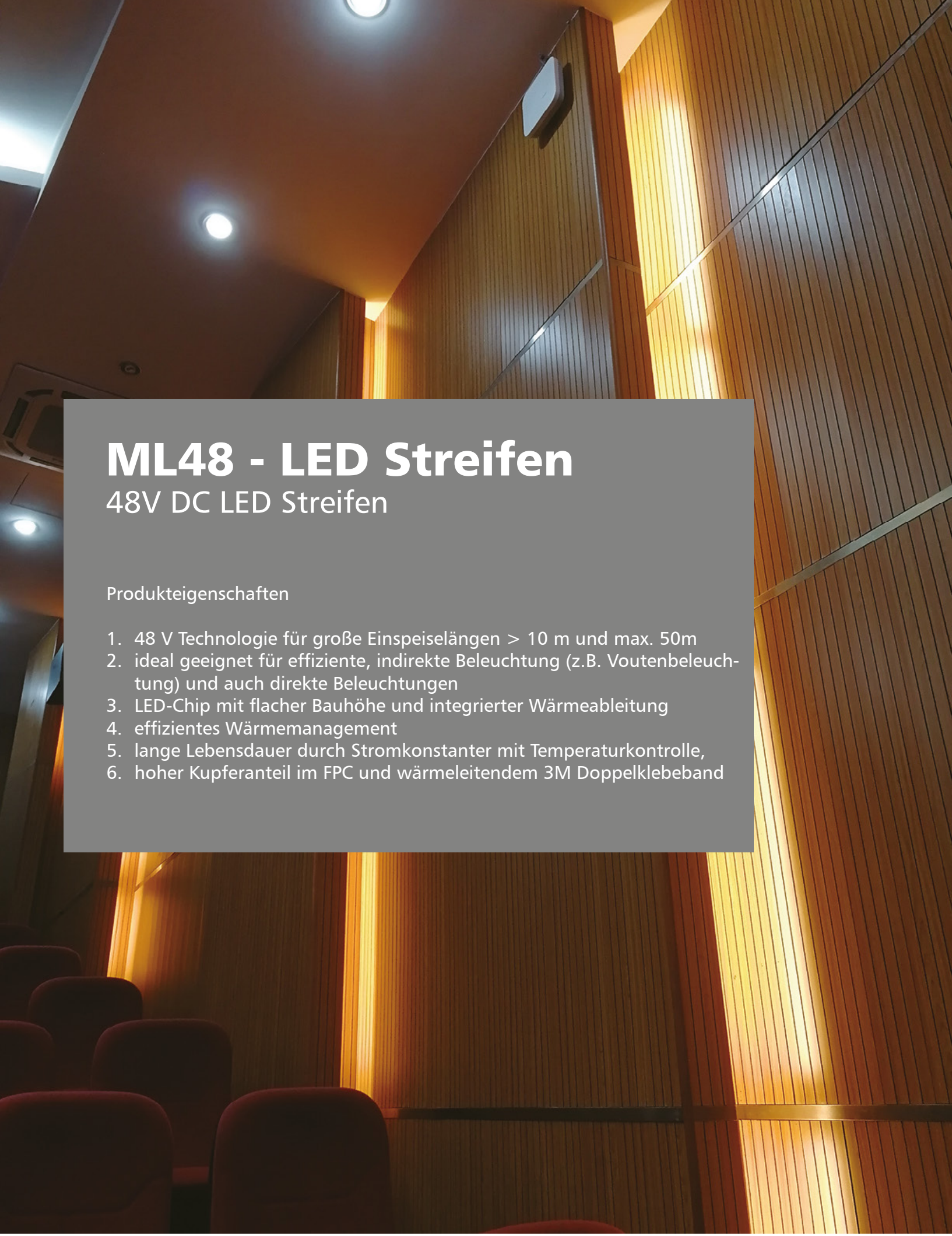












ML48 - LED Streifen

48V DC LED Streifen

Produkteigenschaften

1. 48 V Technologie für große Einspeiselängen > 10 m und max. 50m
2. ideal geeignet für effiziente, indirekte Beleuchtung (z.B. Voutenbeleuchtung) und auch direkte Beleuchtungen
3. LED-Chip mit flacher Bauhöhe und integrierter Wärmeableitung
4. effizientes Wärmemanagement
5. lange Lebensdauer durch Stromkonstanter mit Temperaturkontrolle,
6. hoher Kupferanteil im FPC und wärmeleitendem 3M Doppelklebeband

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Ultralong

smart mit led gmbh

48VDC LED Streifen

1

LED Type

SMD3528 |SMD2835

2

Farbtemperatur

2700 K	3000 K	3500 K
4000 K	5000 K	6500 K

3

Constant Current

WWC | NWC | PWC

4

LED pro Meter

120 | 60

5

Spannung

48VDC

6

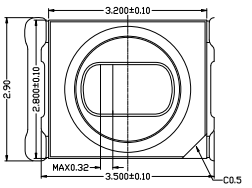
IP Schutzart

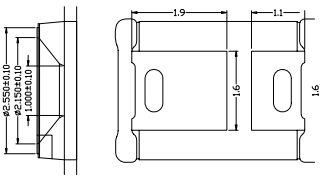
IP20 | IP54 | IP65

IP67 | IP68

Ultralong 48VDC LED Streifen

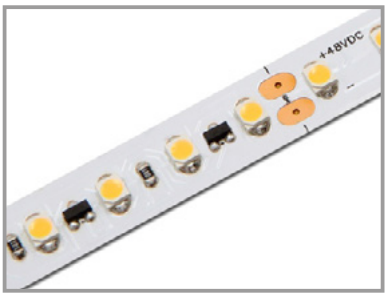
Model	CCT Wellenlänge	Luminous Flux		I_F	V_F		CRI(Ra)
		Min.	Max.		Current	Max.	
SMD3528	2700K	16LM	18LM	60mA	3.0V	3.2V	90+
	3000K	16LM	18LM	60mA	3.0V	3.2V	90+
	3500K	18LM	20LM	60mA	3.0V	3.2V	90+
	4000K	18LM	20LM	60mA	3.0V	3.2V	90+
	5000K	18LM	20LM	60mA	3.0V	3.2V	90+
	6500K	18LM	20LM	60mA	3.0V	3.2V	90+
	620-625 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	585-590 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	517-522 NM NM	— —	— —	60mA	3.0V	3.2V	— —
	465-470 NM NM	— —	— —	60mA	3.0V	3.2V	— —

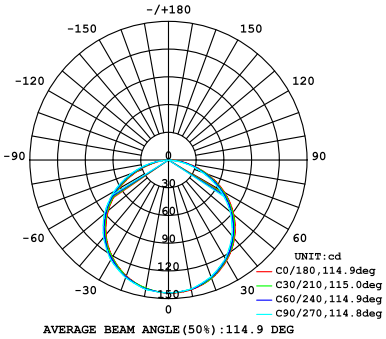




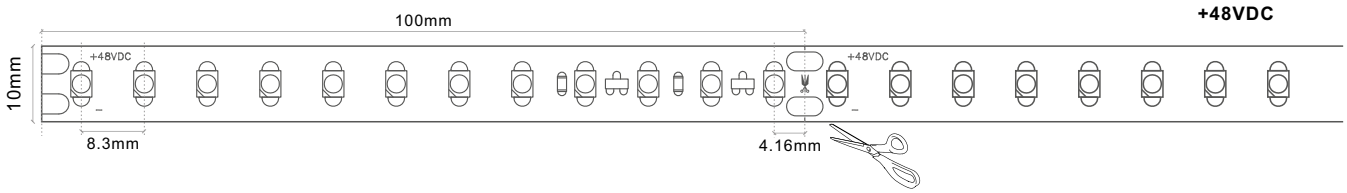
ML48 LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-352827C-120-48-Y	2700K	390LM	<6.6W		90+	4OZ
ES-352830C-120-48-Y	3000K	410LM	<6.6W		90+	4OZ
ES-352835C-120-48-Y	3500K	410LM	<6.6W		90+	4OZ
ES-352840C-120-48-Y	4000K	430LM	<6.6W		90+	4OZ
ES-352850C-120-48-Y	5000K	430LM	<6.6W		90+	4OZ
ES-352865C-120-48-Y	6500K	430LM	<6.6W		90+	4OZ
ES-3528RC-120-48-Y	620-625 NM NM	— —	<6.6W		90+	4OZ
ES-3528YC-120-48-Y	585-590 NM NM	— —	<6.6W		90+	4OZ
ES-3528GC-120-48-Y	517-522 NM NM	— —	<6.6W		90+	4OZ
ES-3528BC-120-48-Y	465-470 NM NM	— —	<6.6W		90+	4OZ





Max. Länge **CE:5000CM**



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☑ IP67-1
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- ☒ IP68

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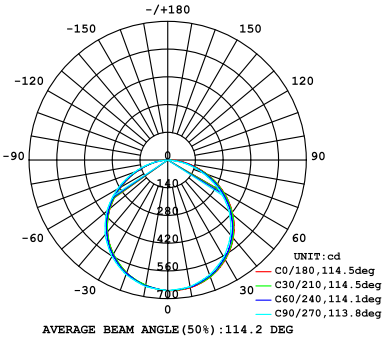
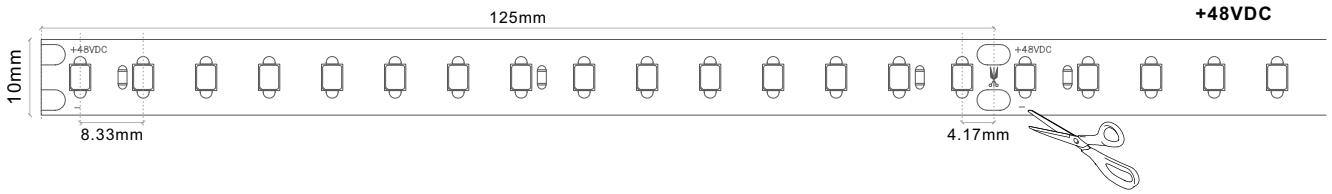
ML48 LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-283518-120-48-Y	1800K	1400LM	<16.8W	83LM/W	94+	3OZ
ES-283521-120-48-Y	2100K	1500LM	<16.8W	89LM/W	94+	3OZ
ES-283523-120-48-Y	2300K	1600LM	<16.8W	95LM/W	94+	3OZ
ES-283527-120-48-Y	2700K	1850LM	<16.8W	110LM/W	94+	3OZ
ES-283530-120-48-Y	3000K	1850LM	<16.8W	110LM/W	94+	3OZ
ES-283535-120-48-Y	3500K	1850LM	<16.8W	110LM/W	94+	3OZ
ES-283540-120-48-Y	4000K	1930LM	<16.8W	115LM/W	94+	3OZ
ES-283550-120-48-Y	5000K	1930LM	<16.8W	115LM/W	94+	3OZ
ES-283565-120-48-Y	6500K	1930LM	<16.8W	115LM/W	94+	3OZ



Max. Länge **CE:1200CM**

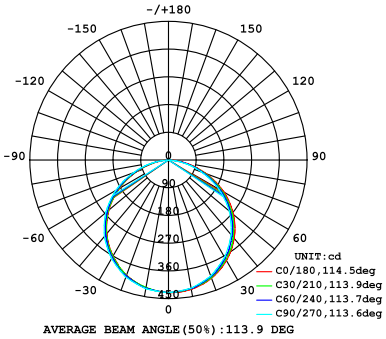


IP Schutzart:

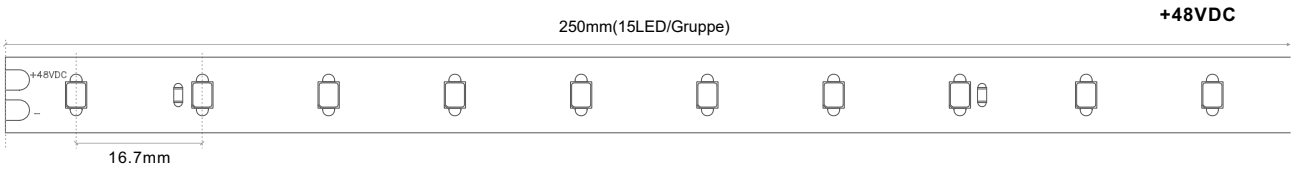
- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

ML48 LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-283518-60-48-Y	1800K	920LM	<11.4W	81LM/W	94+	3OZ
ES-283521-60-48-Y	2100K	920LM	<11.4W	81LM/W	94+	3OZ
ES-283523-60-48-Y	2300K	1050LM	<11.4W	92LM/W	94+	3OZ
ES-283527-60-48-Y	2700K	1200LM	<11.4W	105LM/W	94+	3OZ
ES-283530-60-48-Y	3000K	1200LM	<11.4W	105LM/W	94+	3OZ
ES-283535-60-48-Y	3500K	1200LM	<11.4W	105LM/W	94+	3OZ
ES-283540-60-48-Y	4000K	1250LM	<11.4W	109LM/W	94+	3OZ
ES-283550-60-48-Y	5000K	1250LM	<11.4W	109LM/W	94+	3OZ
ES-283565-60-48-Y	6500K	1250LM	<11.4W	109LM/W	94+	3OZ



Max. Länge **CE:1600CM**



IP Schutzart:

- ☑ IP20
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- ☒ IP67
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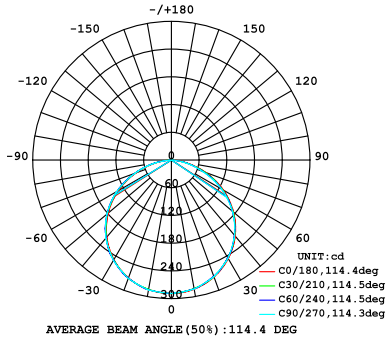
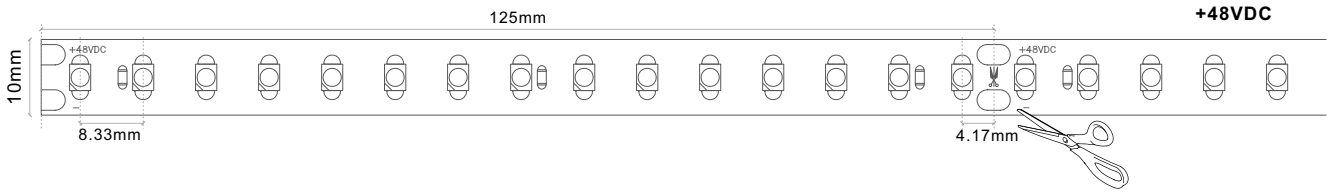
ML48 LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-352827-120-48-Y	2700K	860LM	<7.6W	113LM/W	90+	3OZ
ES-352830-120-48-Y	3000K	860LM	<7.6W	113LM/W	90+	3OZ
ES-352835-120-48-Y	3500K	860LM	<7.6W	113LM/W	90+	3OZ
ES-352840-120-48-Y	4000K	900LM	<7.6W	118LM/W	90+	3OZ
ES-352835-120-48-Y	5000K	900LM	<7.6W	118LM/W	90+	3OZ
ES-352865-120-48-Y	6500K	900LM	<7.6W	118LM/W	90+	3OZ
ES-3528R-120-48-Y	620-625 NM NM	— —	<7.6W	— —	90+	3OZ
ES-3528Y-120-48-Y	585-590 NM NM	— —	<7.6W	— —	90+	3OZ
ES-3528G-120-48-Y	517-522 NM NM	— —	<7.6W	— —	90+	3OZ
ES-3528B-120-48-Y	465-470 NM NM	— —	<7.6W	— —	90+	3OZ



Max. Länge **CE:2000CM**



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
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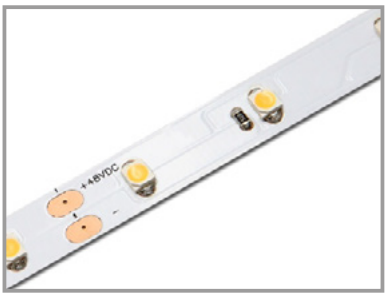
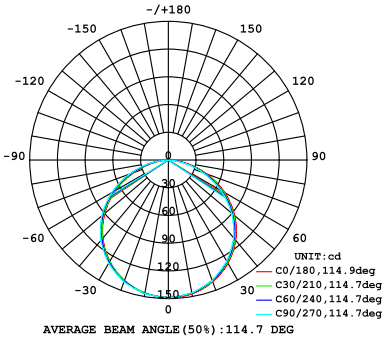
- ☒ IP67-2
- ☒ IP68

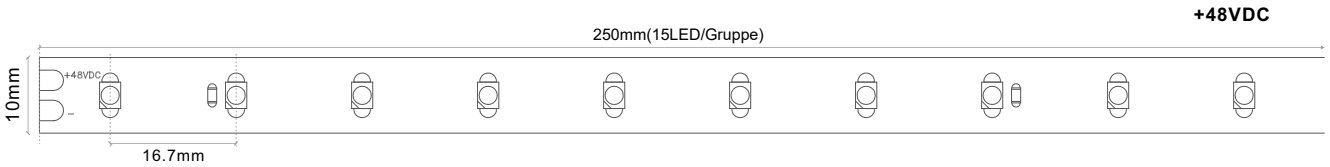
ML48 LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-352827-60-48-Y	2700K	420LM	<3.8W	110LM/W	90+	3OZ
ES- 352830-60-48-Y	3000K	420LM	<3.8W	110LM/W	90+	3OZ
ES-352835-60-48-Y	3500K	420LM	<3.8W	110LM/W	90+	3OZ
ES-352840-60-48-Y	4000K	440LM	<3.8W	115LM/W	90+	3OZ
ES-352850-60-48-Y	5000K	440LM	<3.8W	115LM/W	90+	3OZ
ES-352865-60-48-Y	6500K	440LM	<3.8W	115LM/W	90+	3OZ
ES-3528R-60-48-Y	620-625 NM NM	— —	<3.8W	— —	90+	3OZ
ES-3528Y-60-48-Y	585-590 NM NM	— —	<3.8W	— —	90+	3OZ
ES-3528G-60-48-Y	517-522 NM NM	— —	<3.8W	— —	90+	3OZ
ES-3528B-60-48-Y	465-470 NM NM	— —	<3.8W	— —	90+	3OZ





Max. Länge **CE:3000CM**



IP Schutzart:

- ☑ IP20
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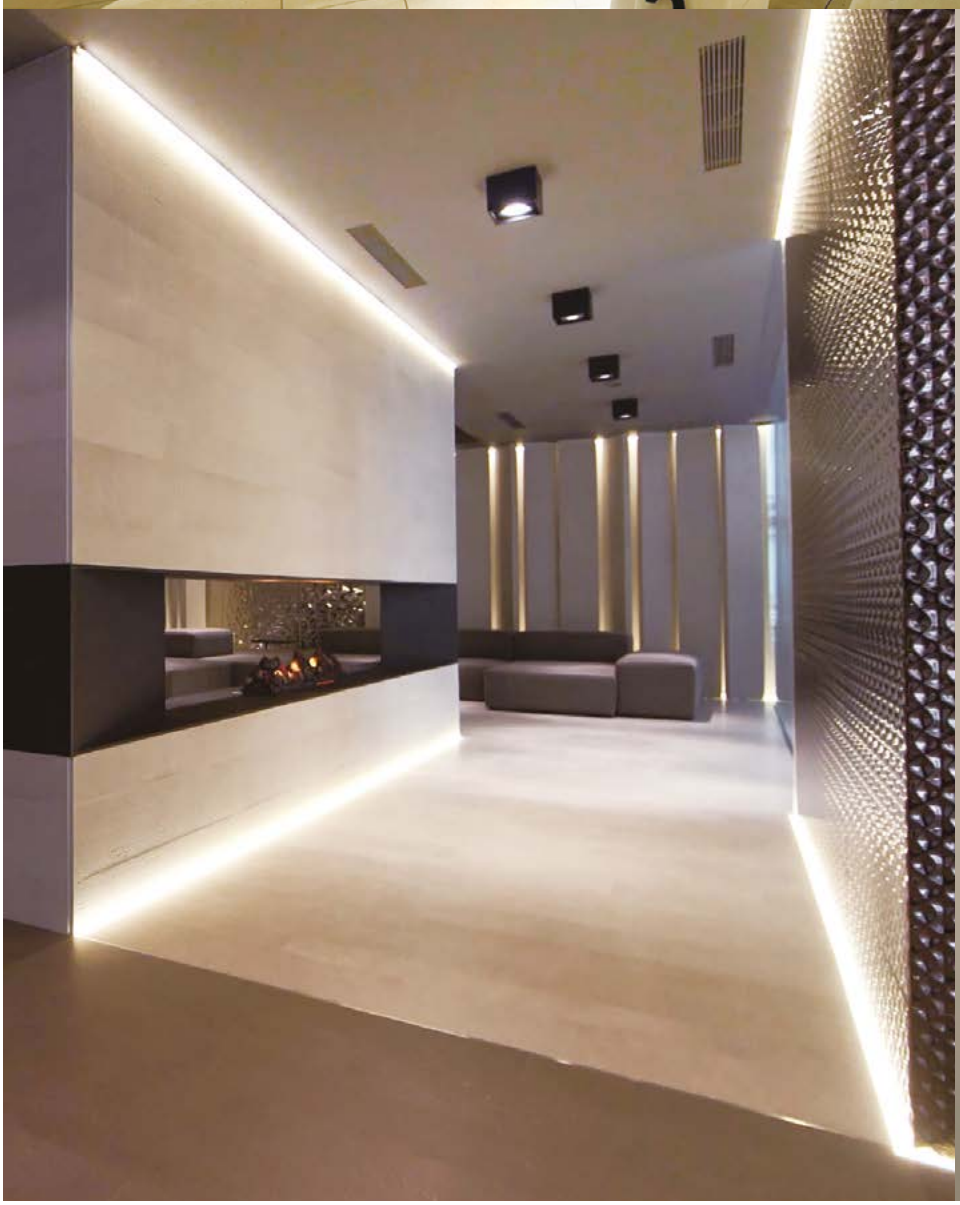

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RGB Serie

Produktinformationen

1. Niederspannung 24VDC und 12VDC
2. Energiesparend, umweltfreundlich ,UV beständig
3. SMD5050,SMD3535.

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Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

RGB Serie

1

LED Type

SMD5050 | SMD3535

2

Farbtemperatur

620-627 NM NM

525-530 NM NM

470-475 NM NM

3

LED pro Meter

224 | 120 | 112 | 96 | 60

4

Spannung

24VDC | 12VDC

5

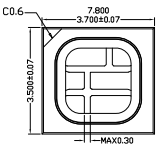
IP Schutzart

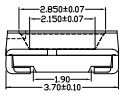
IP20 | IP54 | IP65

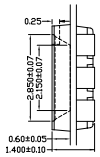
IP67 | IP68

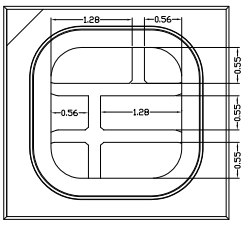
RGB LED Streifen

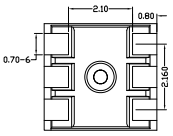
Model	Wellenlänge	Luminous Flux@60mA		I_F		CRI(Ra)
		Min.	Max.	Current	Max.	
SMD3535RGB	620-627 NM NM	8LM	10LM	— —	60mA	— —
	525-530 NM NM	8LM	10LM	— —	60mA	— —
	470-475 NM NM	8LM	10LM	— —	60mA	— —





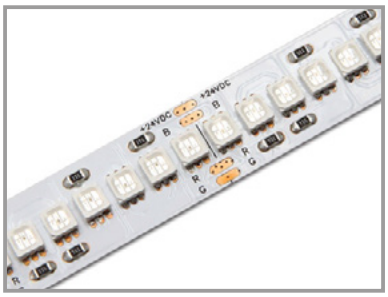






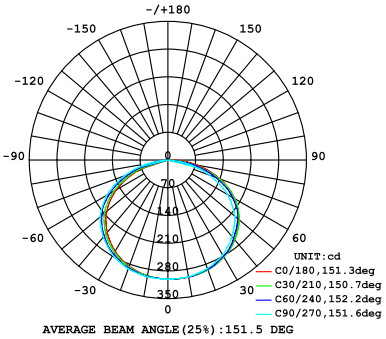
RGB Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-3535RGB-224-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	1025LM	<23W		3OZ



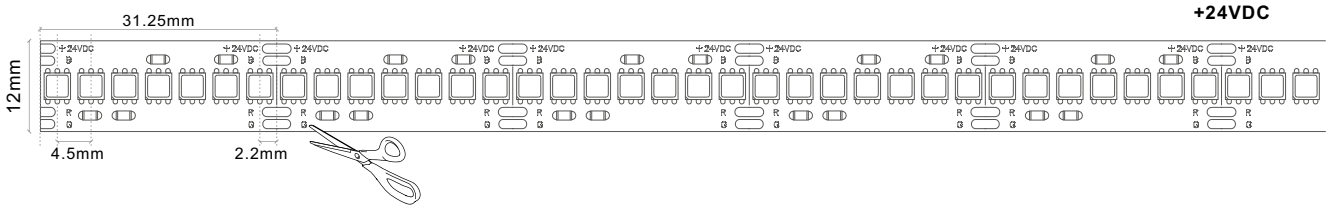
Controller

Artikel Nr.:	Beschreibung	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	



STED
E466567

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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RGB Serie

c UL us LISTED E466567

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	max.Länge	Trennbar alle	Breite	FPC	IP
ES-3535RGB-120-24-Y(5mm)	620-627 NM NM 525-530 NM NM 470-475 NM NM	515LM	<12W	CE:500CM UL:22.97FT	50mm	5mm	3 ounce	IP20 IP54
ES-3535RGB-120-24-Y(8mm)	620-627 NM NM 525-530 NM NM 470-475 NM NM	570LM	<14.4W	CE:500CM UL:22.97FT	50mm	8mm	3 ounce	IP20 IP65 IP54 IP67 IP68
ES-FS3535RGB-120-24-Y(10mm)	620-627 NM NM 525-530 NM NM 470-475 NM NM	600LM	<19.2W	CE:500CM UL:22.97FT	50mm	10mm	3 ounce	IP20 IP65 IP54

Controller

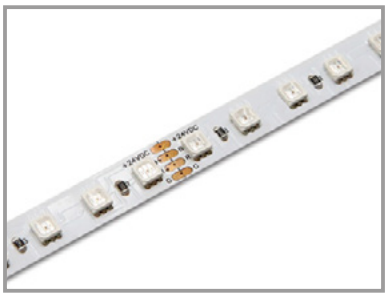
Artikel Nr.:	Beschreibung	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	

IP Schutzart

- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

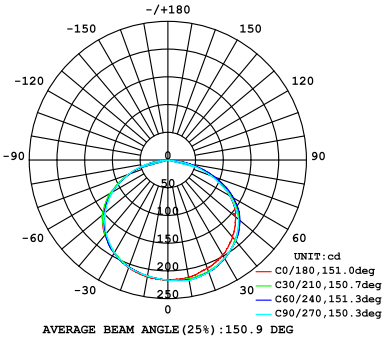
Super Bright RGB

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3535RGB-112-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	1050LM	<19.2W			3OZ



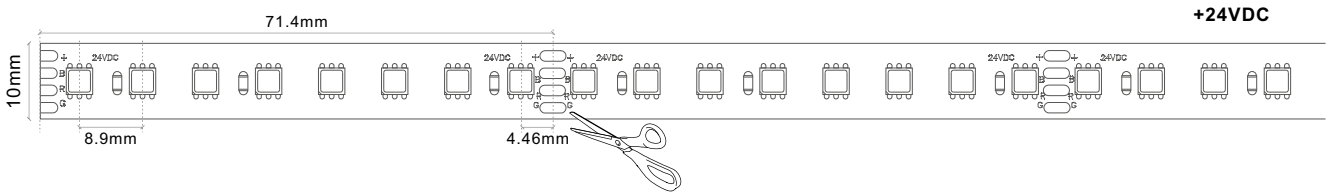
Controller

Artikel Nr.:	Beschreibung
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)



E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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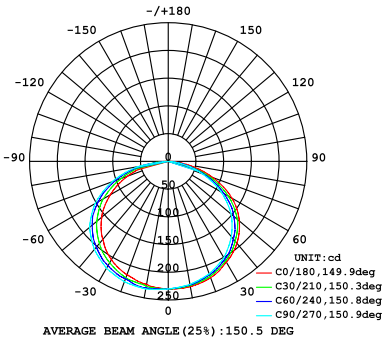
RGB Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3535RGB-96-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	570LM	<23W			3OZ
ES-3535RGB-96-12-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	470LM	<18W			3OZ



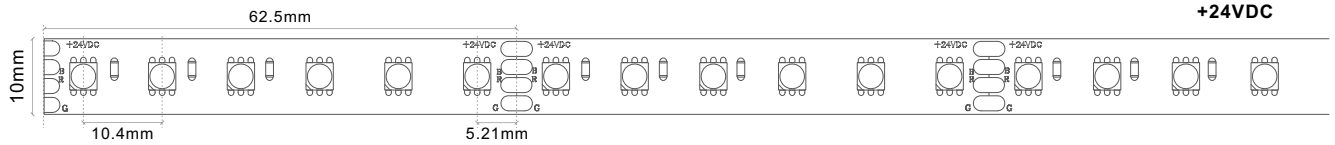
Controller

Artikel Nr.:	Beschreibung	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	

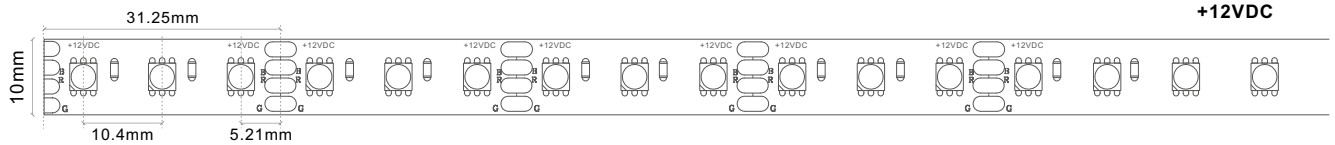
c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 RGB 1 BIN 120°

Max. Länge **CE:500CM** **UL:13.12FT**

+24VDC



+12VDC



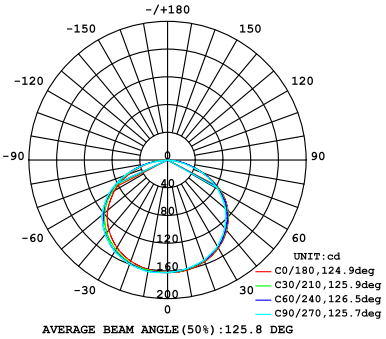
IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

RGB Serie

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-3535RGB-60-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	360LM	<14.4W		3OZ
ES-3535RGB-60-12-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	380LM	<14.4W		3OZ

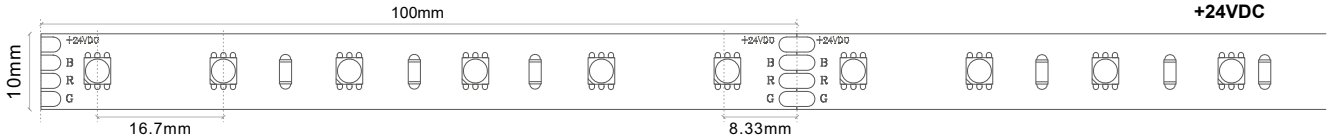


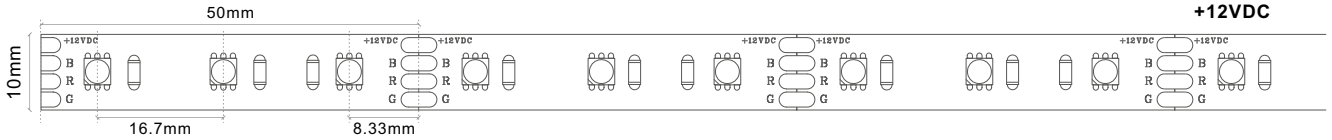
Controller

Artikel Nr.:	Beschreibung	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	

c UL us LISTED E466567 CE RoHS LM-80 LM-79 RGB

Max. Länge CE:500CM UL:22.97FT(24V) | 13.12FT(12V)





IP Schutzart:

- ☑ IP20
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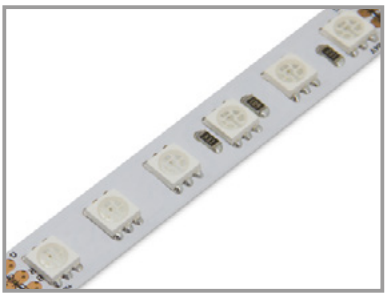
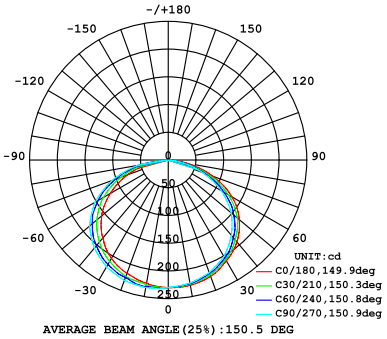
RGB Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGB-96-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	780LM	<23W			3OZ



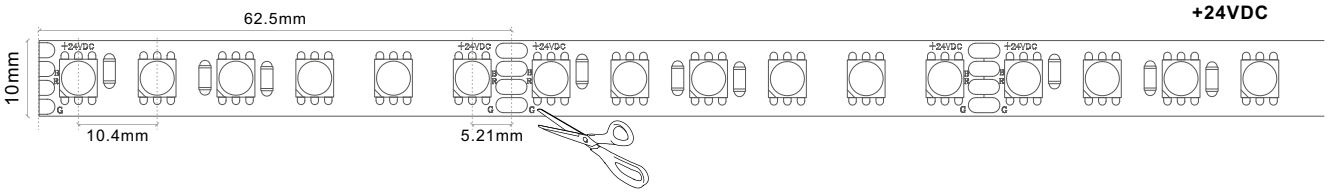


Controller

Artikel Nr.:	Beschreibung	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	

c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 RGB 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



IP ~Schutzart:

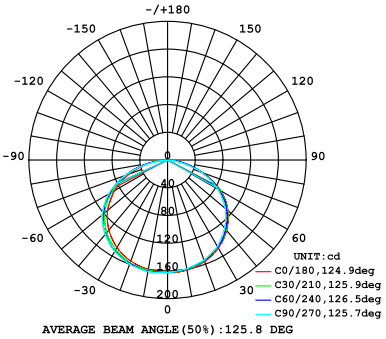
- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

RGB Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGB-60-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM	530LM	<14.4W			3OZ

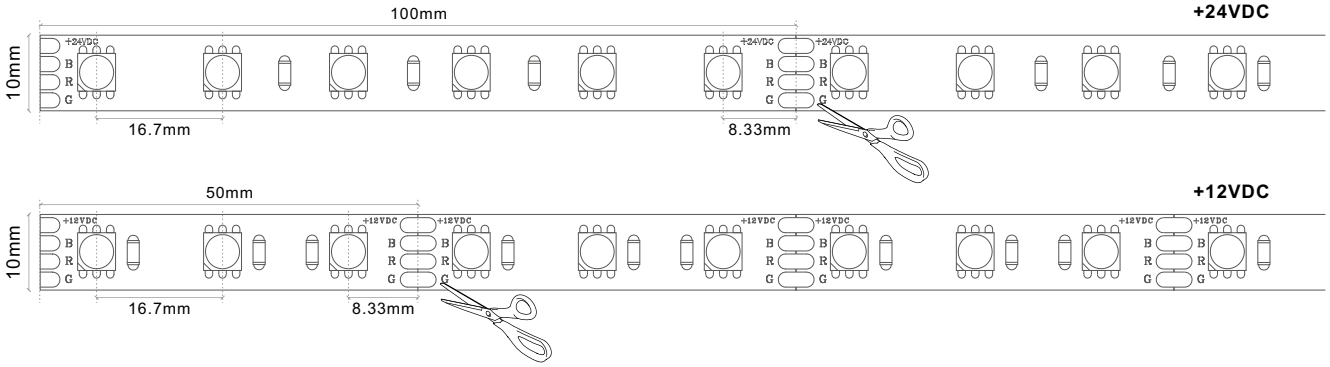
Controller

Artikel Nr.:	Beschreibung	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	



LISTED E466567

Max. Länge CE:500CM UL:22.97FT(24V) | 13.12FT(12V)



IP Schutzart:

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RGB+WW/W

Produktinformationen

1. 24VDC und 12VDC
2. Energiesparend, umweltfreundlich und UV Betsändig
3. RGB und Weisse LEDs getrennt oder optional als 4 chips in 1

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RGB+WW/W

1

LED Type

SMD3535 |SMD3528

SMD5050

2

Farbtemperatur

620-627 NM NM

525-530 NM NM

470-475 NM NM

3

Farbtemperatur

2700-6500 K K

4

LED pro Meter

240 | 96 | 60

5

Spannung

24VDC | 12VDC

6

IP Schutzart

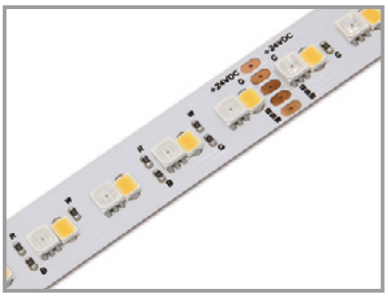
IP20 | IP54 | IP65

IP67 | IP68

RGBW LED Streifen

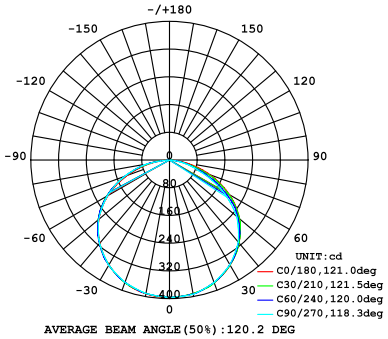
RGBW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-3535RGBW-192-24-Y	RGB 2800-6500 K	1210LM	<23W	96LEDs(RGB) 96LEDs(WHITE)	3OZ



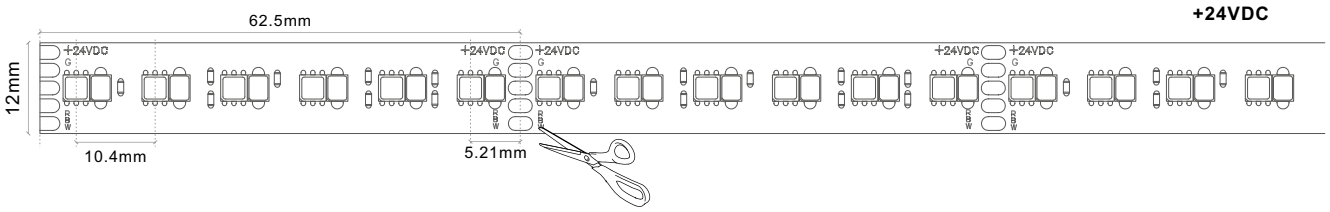
Controller

Artikel Nr.:	Beschreibung	
160102010107	5-24VDC 5A*4CH Max.20A 204W/480W(12V/24V)	



UL LISTED E466567

Max. Länge CE:500CM UL:11.39FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

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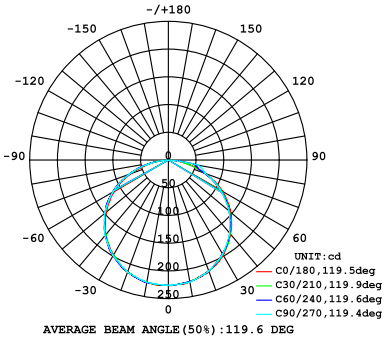
office@smart-mit-led.com www.smart-mit-led.com

RGBW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-3528RGBW-240-24-Y	620-625 NM NM 517-522 NM NM 465-470 NM NM 2700-650 K K	800LM	<19.2W	60LEDs (R) 60LEDs(G) 60LEDs(B) 60LEDs(W)	3OZ

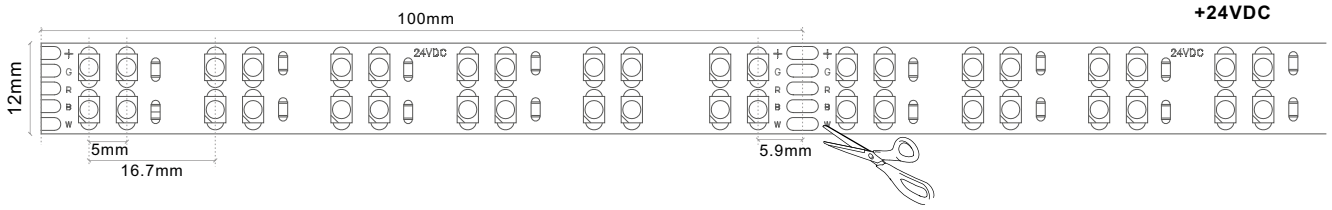
Controller

Artikel Nr.:	Beschreibung
160102010107	5-24VDC 5A*4CH Max.20A 204W/480W(12V/24V)



E466567

Max. Länge CE:500CM UL:16.4FT

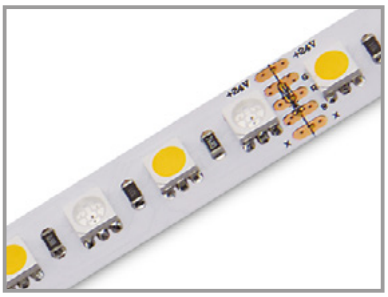


IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

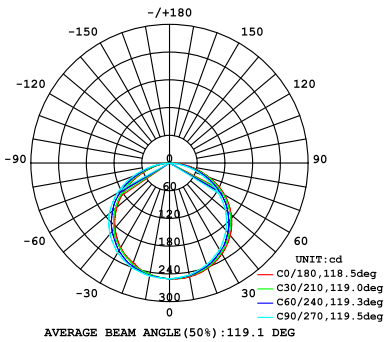
RGBW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGBW-96-24-Y	620-627 NM NM 525-530 NM NM 470-475 NM NM 2700-6500 K K	920LM	<23W	48LEDs(RGB) 48LEDs(W)		3OZ



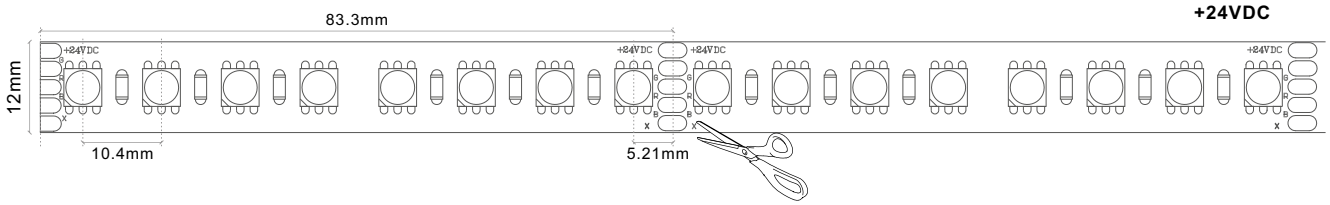
Controller

Artikel Nr.:	Beschreibung	
160102010107	5-24VDC 5A*4CH Max.20A 204W/480W(12V/24V)	



c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 RGB W 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
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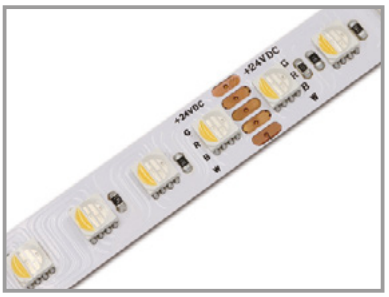
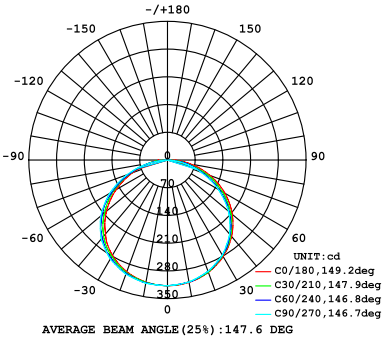
RGBW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGBW-96H-24-Y	RGB 3000K 4000K 6500K	967LM	<23W	96LEDs	90+	3OZ



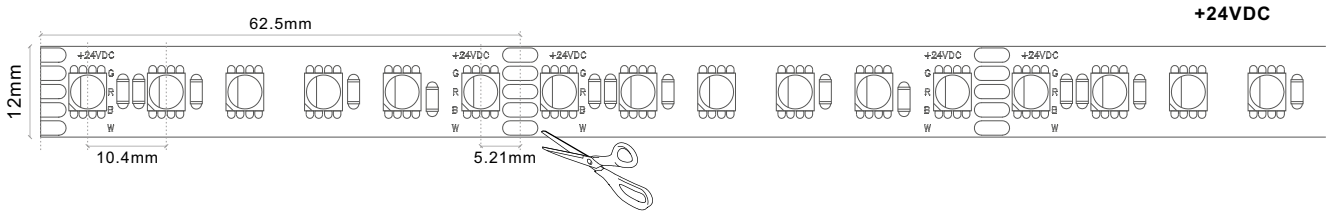
Controller

Artikel Nr.:	Beschreibung
160102010107	5-24VDC 5A*4CH Max.20A 204W/480W(12V/24V)



E466567

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

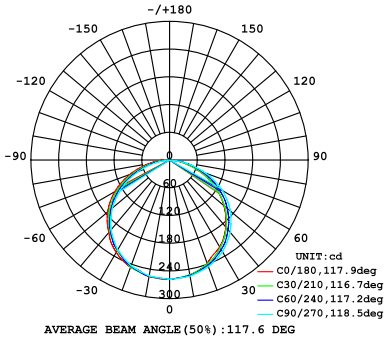
- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

RGBW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGBW-60-24-Y	RGB 2700-6500 K	780LM	<14.4W	60LEDs		3OZ

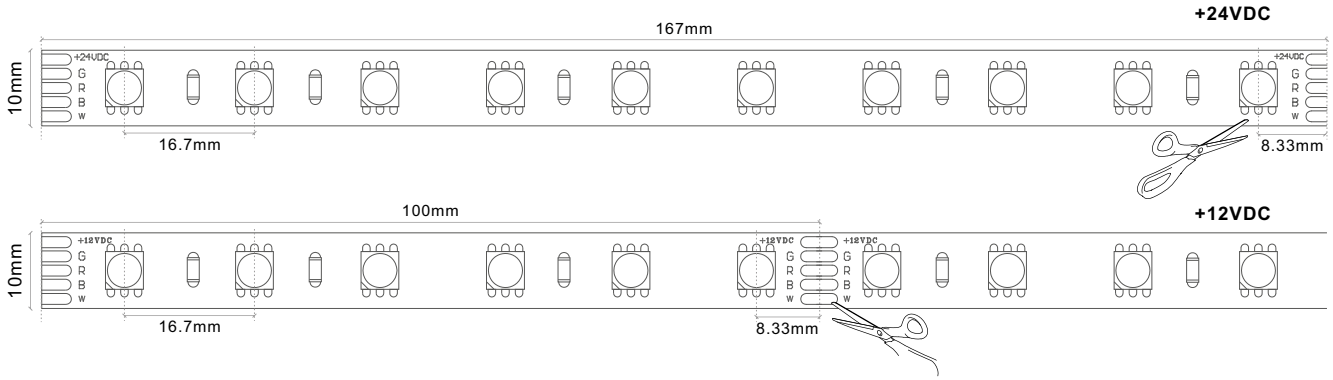
Controller

Artikel Nr.:	Beschreibung	
160102010107	5-24VDC 5A*4CH Max.20A 204W/480W(12V/24V)	



UL US STED E466567 · CE · RoHS · TÜV · 7 Jahre Garantie · LM-80 · LM-79 · RGB W · 1 BIN · 120°

Max. Länge CE:500CM UL:22.63FT(24V) | 13.12FT(12V)



IP Schutzart:

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- ☑ IP68

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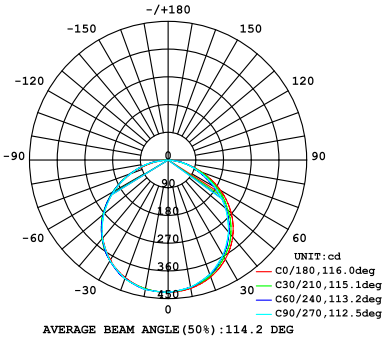
RGBW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGBW-60H-24-Y	RGB 3000K 4000K 6500K	643LM	<14.4W	60LEDs	90+	3OZ

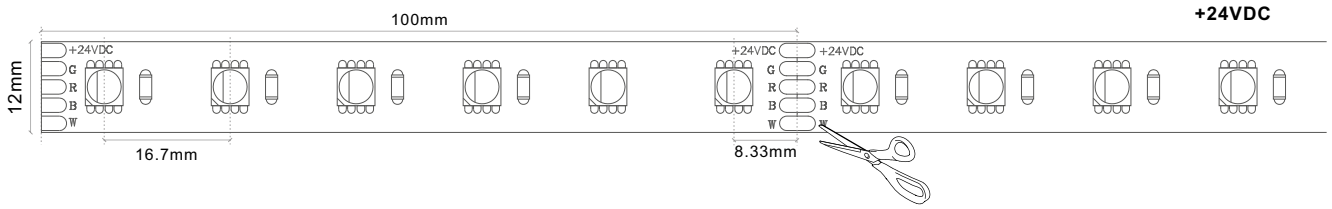
Controller

Artikel Nr.:	Beschreibung	
160102010107	5-24VDC 5A*4CH Max.20A 204W/480W(12V/24V)	



c UL us LISTED E466567 CE RoHS 2 Jahre Garantie LM-80 LM-79 RGB W 1 BIN 4 Chips in 1 120°

Max. Länge **CE:500CM** **UL:22.63FT**



IP Schutzart

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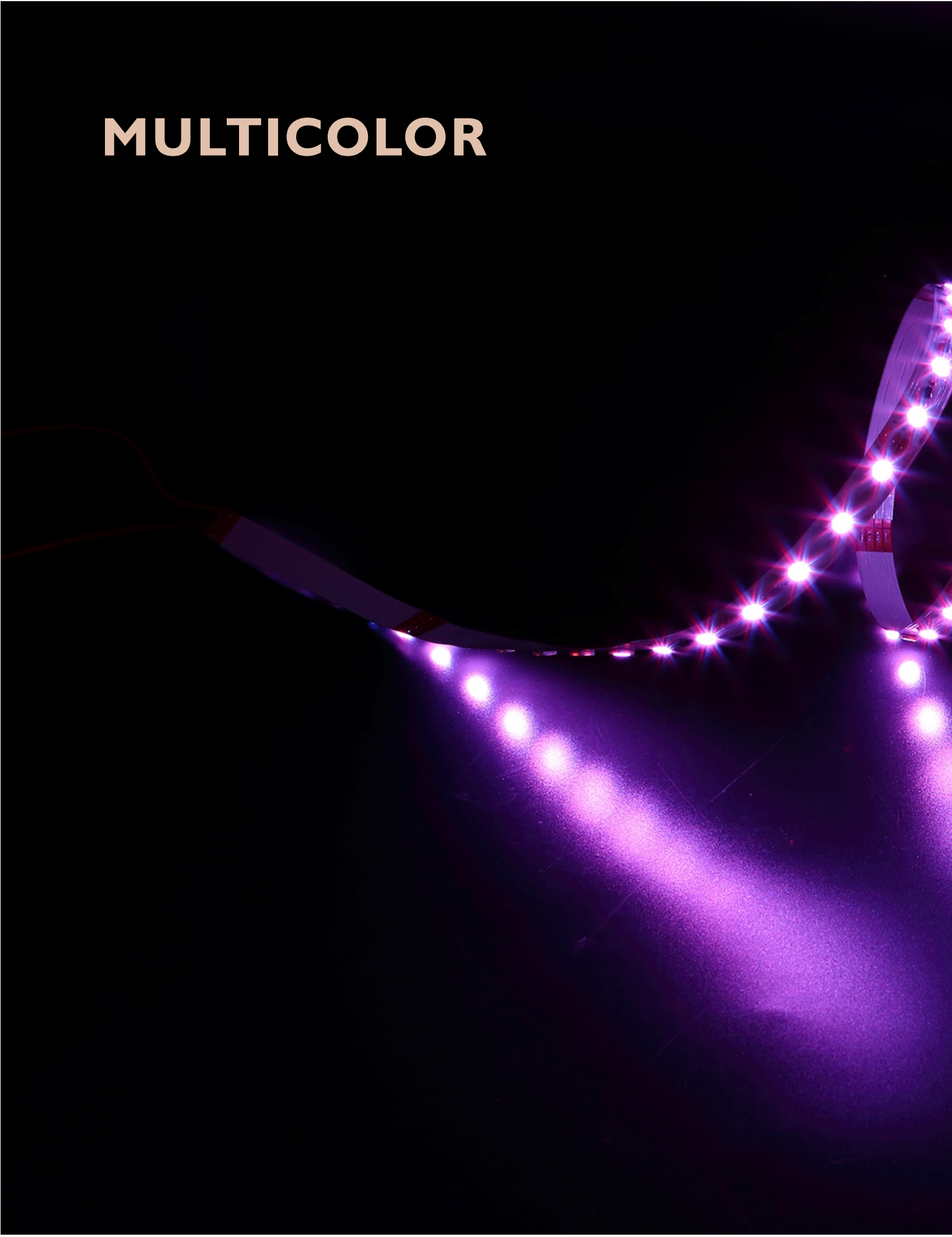
- ☑ IP67-2
- ☒ IP68

MULTICOLOR



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RGB+W+WW

Produktinformationen

1. Spannungsversorgung mit 24VDC.
2. RGB und Farbtemperatur einstellbar
3. RGB+W+WW separate LEDs und RGB+W+WW:5 chips in 1 als Option.

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RGB+W+WW

1

LED Type

SMD3535 |SMD5050

2

Farbtemperatur

620-627 NM NM	
525-530 NM NM	470-475 NM NM

3

Farbtemperatur

1800 K	2100 K	2300 K	2700 K	3000 K
	3500 K	4000 K	5000 K	6500 K

4

Tunable White

2700-6500 K K

5

LED pro Meter

96 | 60

6

Spannung

24VDC

7

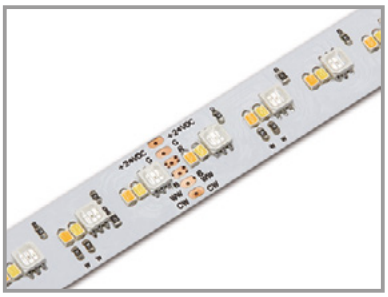
IP Schutzart

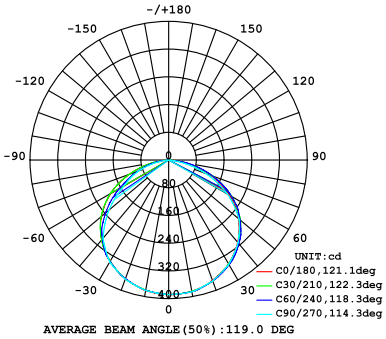
IP 20 | IP54 | IP65

RGBW + Tunable White LED Streifen

RGBWWW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-3535RGBWWW-96-24-Y	RGB 1800-6500 K 1800-6500 K	1100LM	<23W	96LEDs(RGB) 96LEDs(Weiss) 96LEDs(Warm Weiss)	3OZ



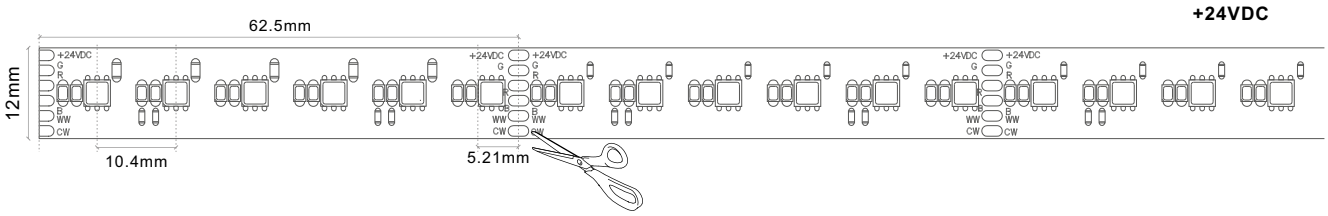


Controller

Artikel Nr.:	Beschreibung	
100102010103	12-24VDC 3A*5CH Max.15A 5CH*(36-72)W	

c UL us LISTED E466567 CE RoHS 7 Jahre Garantie LM-80 LM-79 WW R G B W 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

- ☑ IP20
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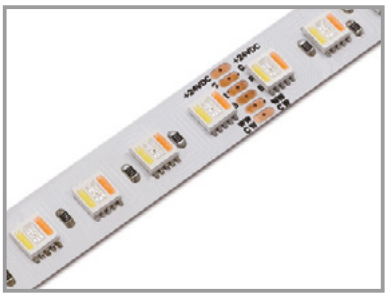
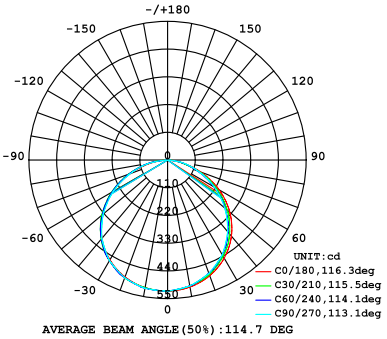
RGBWWW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGBWWW-96-24-Y	RGB 2300K 6500K	1572LM	<23W	96LEDs	90+	3OZ



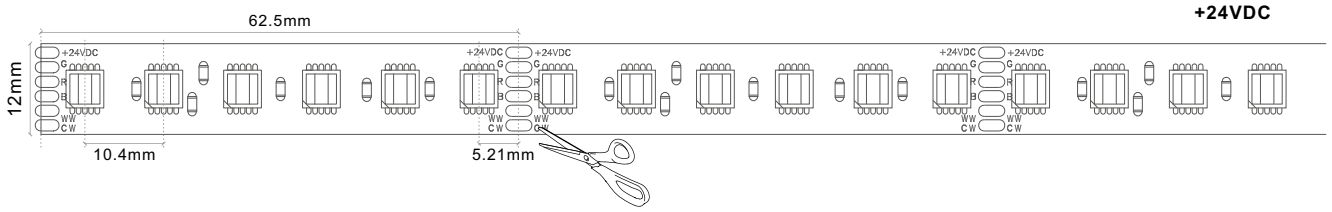


Controller

Artikel Nr.:	Beschreibung	
100102010103	12-24VDC 3A*5CH Max.15A 5CH*(36-72)W	

c UL us LISTED E466567 CE RoHS TÜV Rheinland 2 Jahre Garantie LM-80 LM-79 WW R G B W 5 Chips in 1 1 BIN 120°

Max. Länge CE:500CM UL:13.12FT



IP Schutzart:

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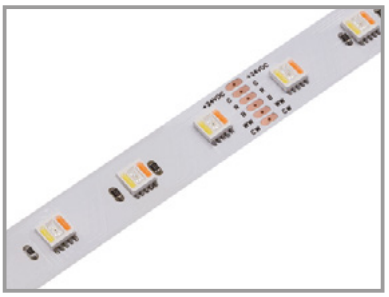
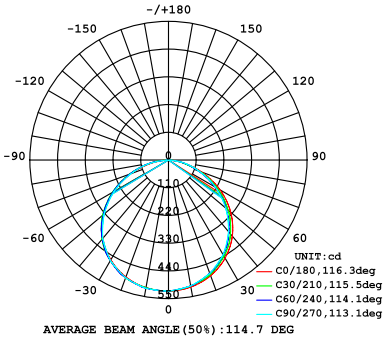
RGBWWW Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050RGBWWW-60-24-Y	RGB 2300K 6500K	1258LM	<23W	60LEDs	90+	3OZ



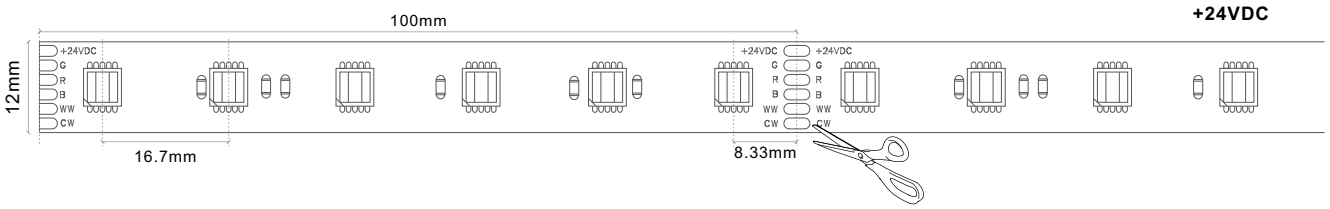


Controller

Artikel Nr.:	Beschreibung	
100102010103	12-24VDC 3A*5CH Max.15A 5CH*(36-72)W	

LISTED E466567

Max. Länge **CE:500CM** **UL:13.12FT**



IP Schutzart:

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office@smart-mit-led.com www.smart-mit-led.com

WW+W

Produktinformationen

1. Energiesparend und Umweltfreundlich
2. Separate Warmweiss und Kaltweisse Chips oder 2 Chips in 1 als Option.
3. Hohe Dichte an LED pro Meter und somit durchgängiges Lichtband möglich

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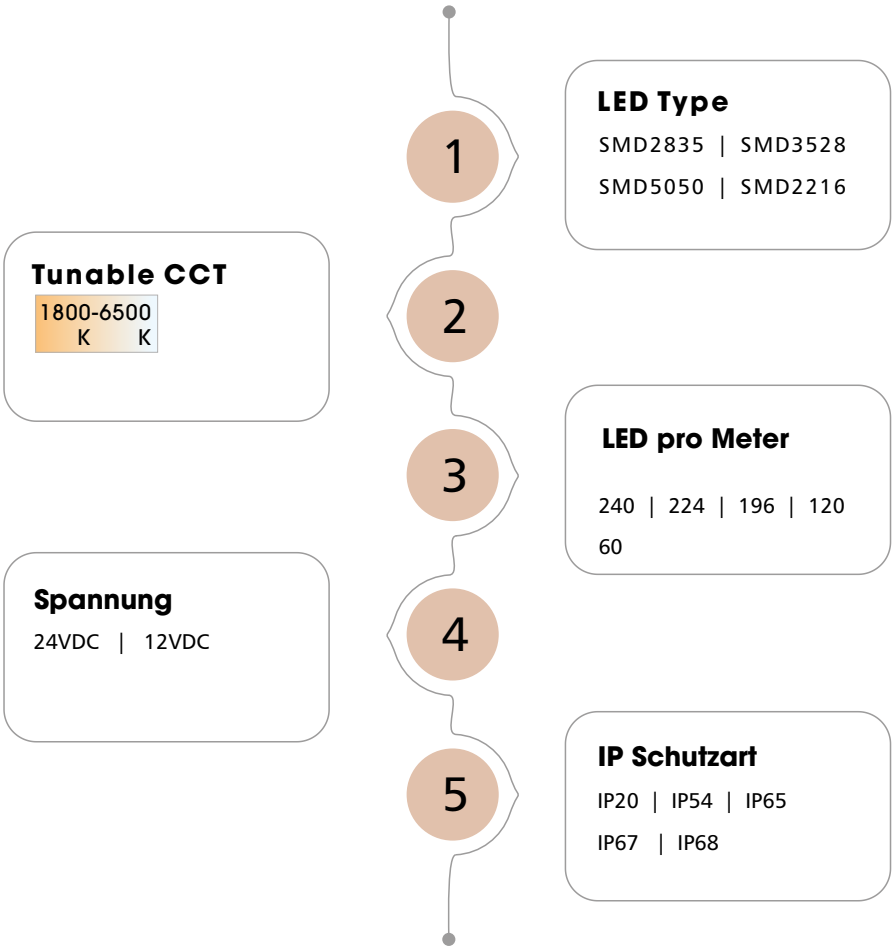
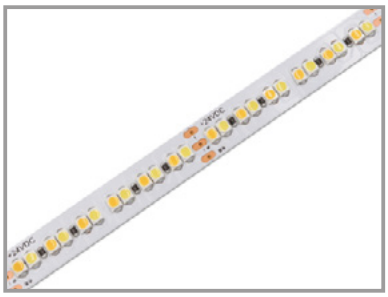
WW+W

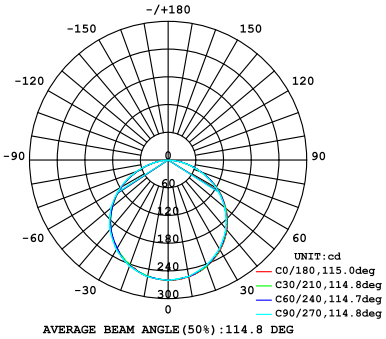


Tunable White LED Streifen

WW+W Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m Effizienz CRI/Ra	FPC
ES-2216WW+W-364-24-Y	2300-6500 K K	1900LM	<23W	3OZ



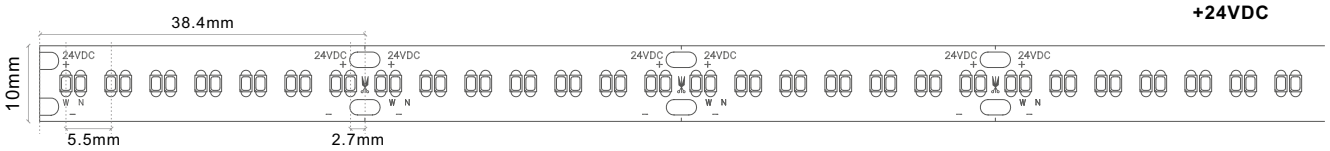


Controller

Artikel Nr.:	Beschreibung	
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)	

LISTED E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
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- ☒ IP67
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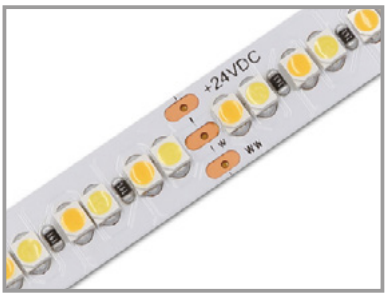
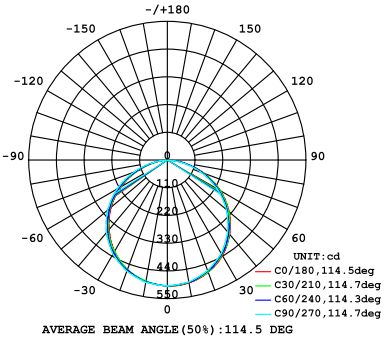
WW+W Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528WW+W-240H-24-Y	2700-6500 K K	1400LM	<19.2W			3OZ



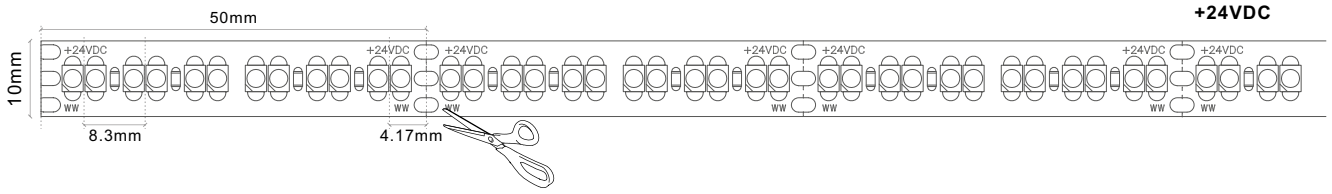
Controller

Artikel Nr.:	Beschreibung	
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)	



c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 Tunable 1 BIN 120°

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
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- ☒ IP67
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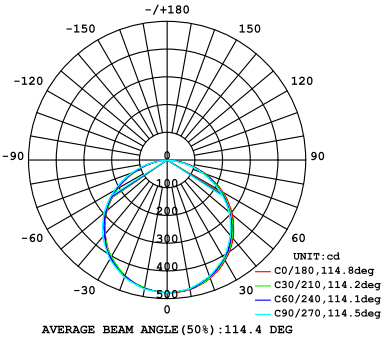
- ☒ IP68

WW+W Serie

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528WW+W-240-24-Y	2700-6500 K K	1400LM	<19.2W			3OZ

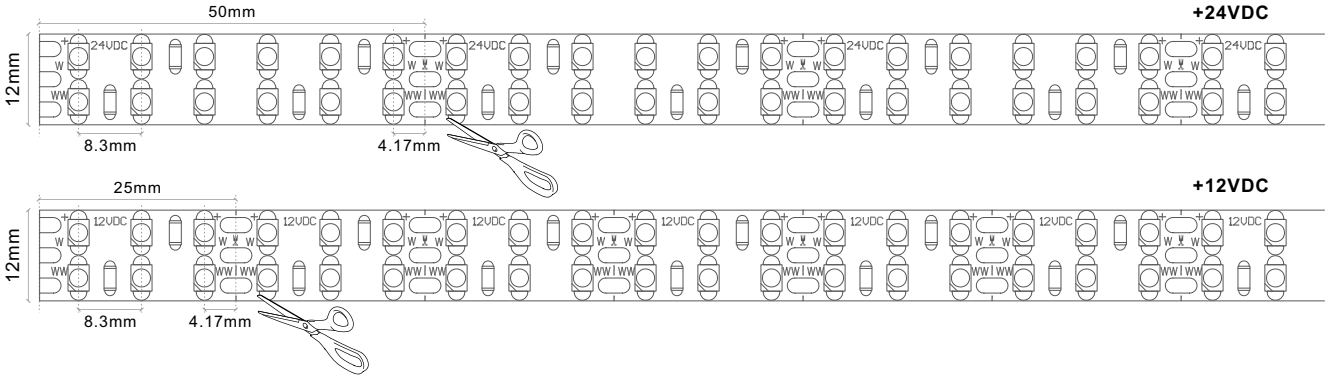
Controller

Artikel Nr.:	Beschreibung
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)



E466567

Max. Länge CE:500CM UL:16.4FT(24V) | 9.85FT(12V)



IP Schutzart:

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WW+W Serie

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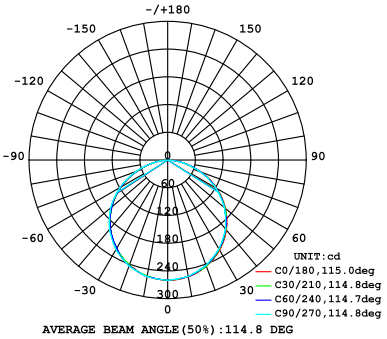
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835WW+W-120-24-Y	2700-6500 K K	700LM	<9.6W	0.2W Single LED power		3OZ
ES-2835HPWW+W-120-24-Y	2700-6500 K K	1650LM	<23W	0.5W Single LED power		3OZ

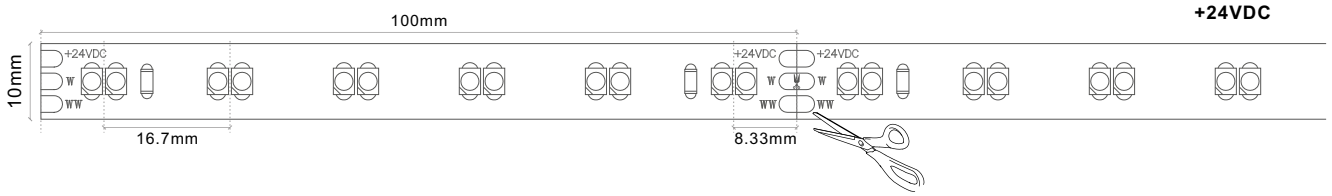
Controller

Artikel Nr.:	Beschreibung	
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)	



c UL us LISTED E466567 CE RoHS TÜV Rheinland 7 Jahre Garantie LM-80 LM-79 Tunable 1 BIN 120°

Max. Länge **CE:500CM** **UL:32.8FT**



IP Schutzart

- ☑ IP20
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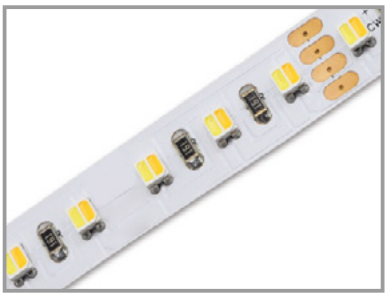
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

WW+W Serie

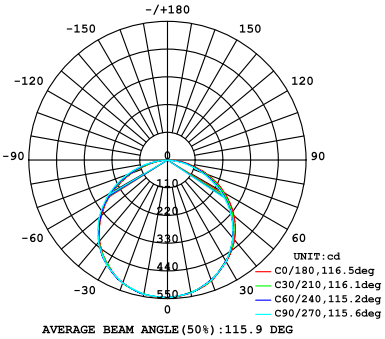
smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528WW+W-120H-24-Y	2700-6500 K K	1600LM	<19.2W			3OZ
ES-3528WW+W-120H-12-Y	2700-6500 K K	1400LM	<17.0W			3OZ



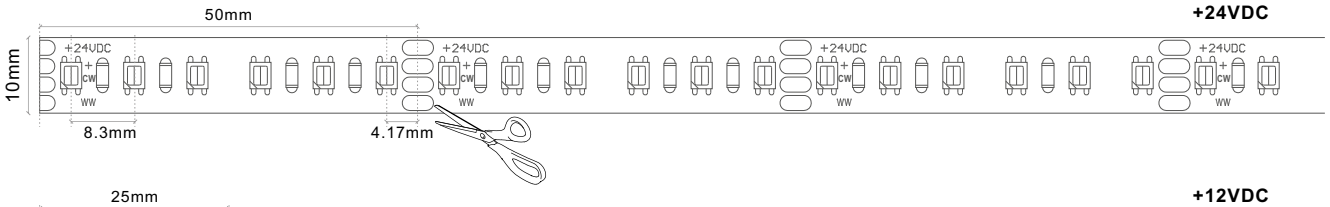
Controller

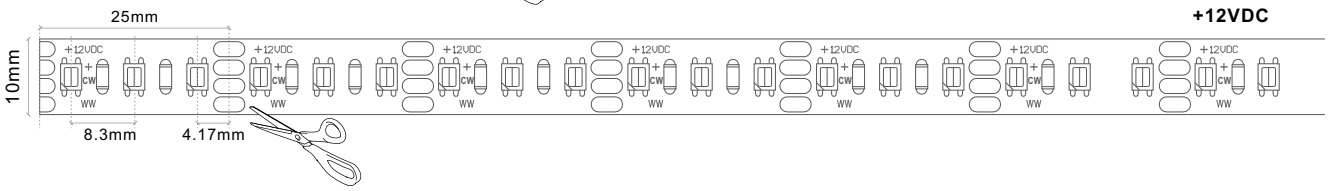
Artikel Nr.:	Beschreibung	
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)	



E466567

Max. Länge CE:500CM UL:32.8FT(24V) | 11.48FT(12V)





IP Schutzart:

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WW+W Serie

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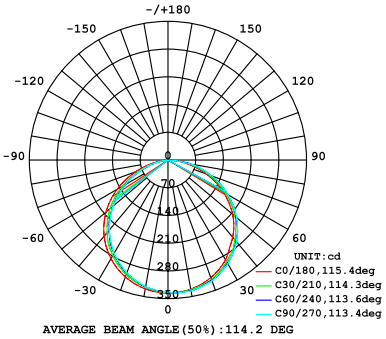
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050WW+W-60H-24-Y	2700-6500 K K	920LM	<14.4W			3OZ
ES-5050WW+W-60H-12-Y	2700-6500 K K	920LM	<14.4W			3OZ

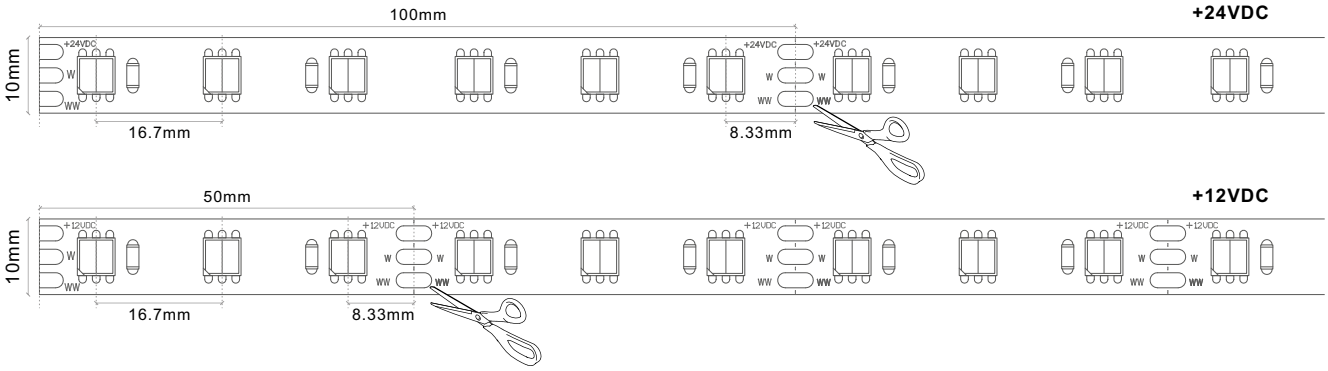
Controller

Artikel Nr.:	Beschreibung	
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)	



c UL us LISTED E466567 CE RoHS LM-80 LM-79 Tunable 1 BIN 2 Chips in 1 120°

Max. Länge CE:500CM UL:22.97FT(24V) | 13.12FT(12V)



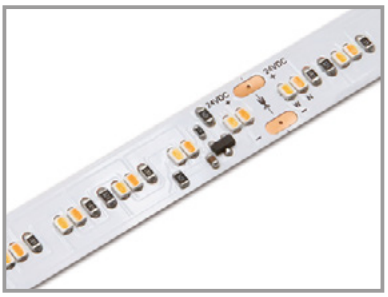
IP Schutzart

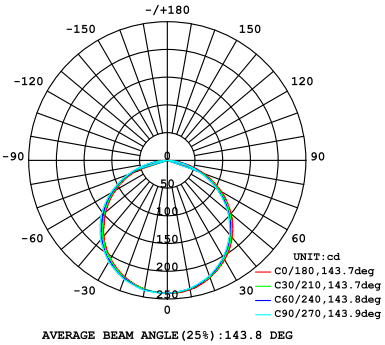
- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

Dimmer Warm

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-2216WW+W-240-24-Y	2100K-3000K	550LM	<14.4W		3OZ



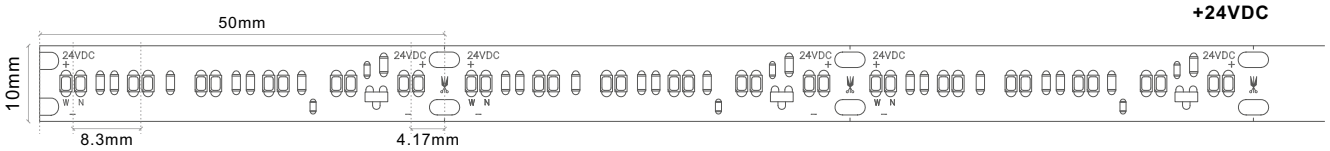


Controller

Artikel Nr.:	Beschreibung	
160102010106	Dimmer (PWM) 12VDC/24VDC optional 12V<72W/24V<144W 6A*1CH	

c UL us LISTED E466567 CE RoHS TÜV 7 Jahre Garantie LM-80 LM-79 dimmer 1 BIN 120°

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP65
- ☑ IP67
- ☑ IP67-1
- ☑ IP67-2
- ☑ IP68

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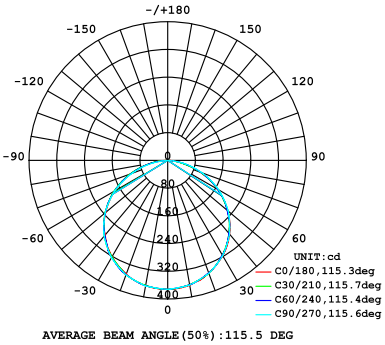
WW+W Serie

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra FPC
ES-2216WW+W-196-24-Y	1800-6500 K K	1100LM	<12W	3OZ

Controller

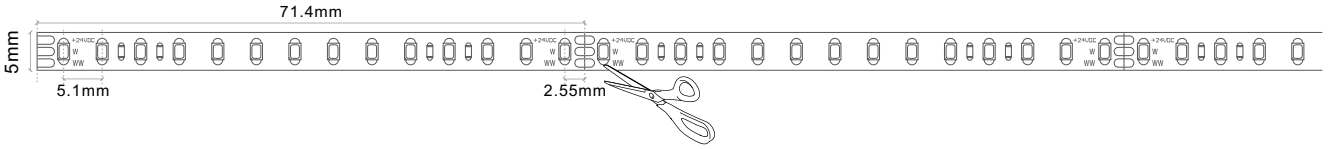
Artikel Nr.:	Beschreibung
160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT

+24VDC



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☒ IP65
- ☒ IP67
- ☒ IP67-1
- ☒ IP67-2
- ☒ IP68

MULTICOLOR

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HOMMERSON
HOMMERSON
HOMMERSON

Digital LED Streifen

Produktinformationen

1. Effizient, Exzellente Wärmeleitfähigkeit (<50 C°), UV beständig
2. Farbtemperatur einstellbar Und Kaskaden Effekte .
3. Schutzarten IP20,IP54,IP67
4. 24-key Magic Controller und DMX512

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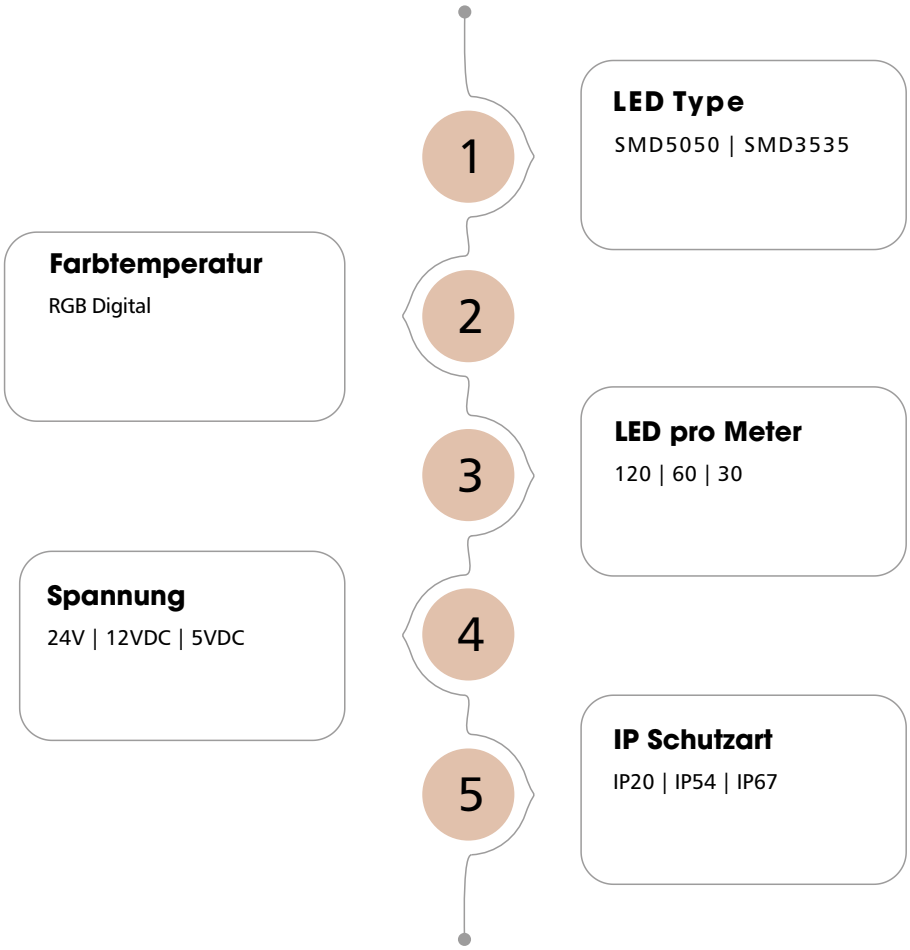
Digital LED Streifen



Digitale LED Streifen

Digital LED Streifen

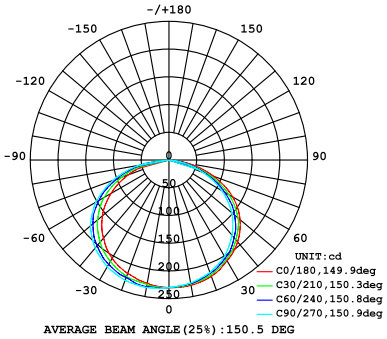
smart mit led gmbh

Kein Signalverlust bei defektem Chip

Artikel Nr.:	Lichtfarbe	Watt/m	Lumen/m	Effizienz	CRI/Ra	FPC
ES-3535RGBW-120-24-Y(Digital)	RGB Digital	<14.4W				3OZ

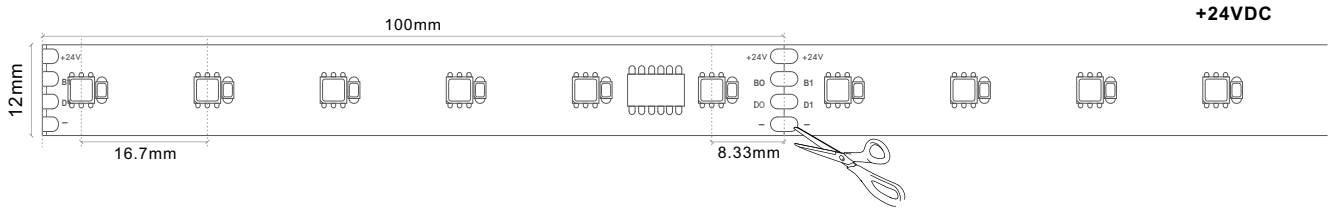
Controller

Artikel Nr.:	Beschreibung	
160102010140	Pixel controller App Control DC5V-24V,up to 2048 pixels	
160102010063	DMX512 decoder 5-24VDC SPI 512 channels	



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP67-2

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Digital LED Streifen

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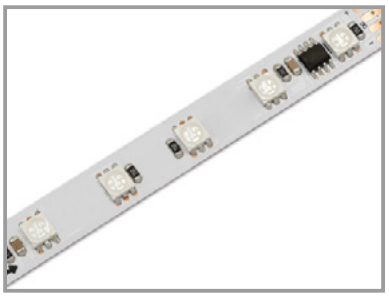
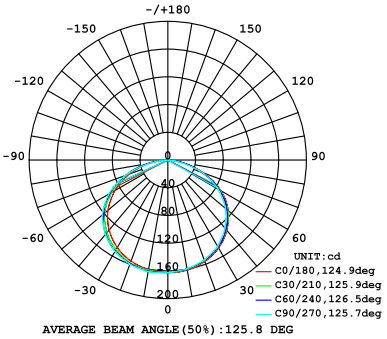
Kein Signalverlust bei defekter Gruppe

Artikel Nr.:	Lichtfarbe	Watt/m	Lumen/m	Effizienz	CRI/Ra	FPC
ES-5050RGB-60-24-Y(Digital)	RGB Digital	<14.4W				3OZ



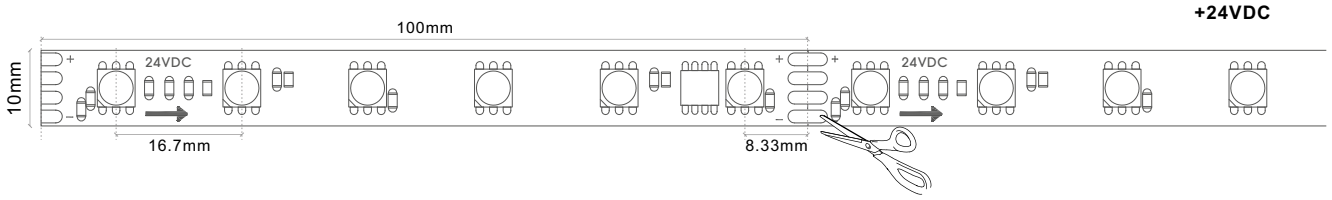
Controller

Artikel Nr.:	Beschreibung	
160102010105	Mini pixel controller RF remote 5-24VDC	
160102010063	DMX512 decoder 5-24VDC SPI 512 channels	



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP67-2

Digital LED Streifen

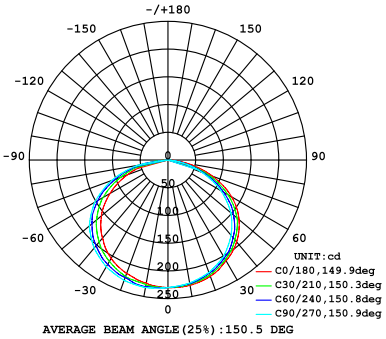
smart mit led gmbh

Kein Signalverlust bei defektem Chip

Artikel Nr.:	Lichtfarbe	Watt/m	Lumen/m	Effizienz	CRI/Ra	FPC
ES-5050RGB-60-12-Y(Digital)	RGB Digital	<14.4W				3OZ

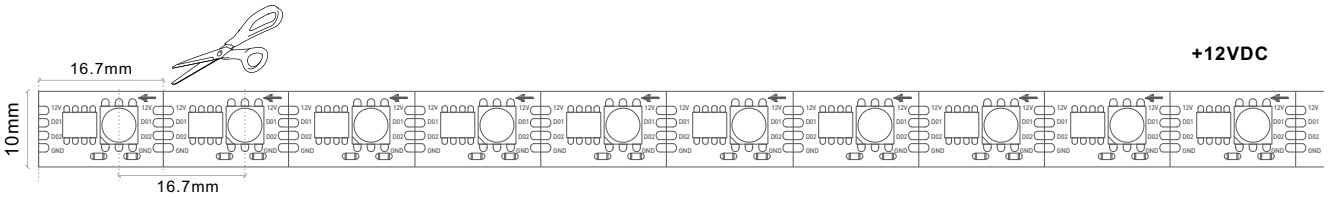
Controller

Artikel Nr.:	Beschreibung	
160102010105	Mini pixel controller RF remote 5-24VDC	
160102010063	DMX512 decoder 5-24VDC SPI 512 channels	



c UL us LISTED E466567

Max. Länge CE:500CM



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP67-2

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Digital LED Streifen

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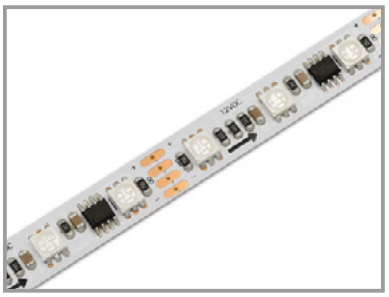
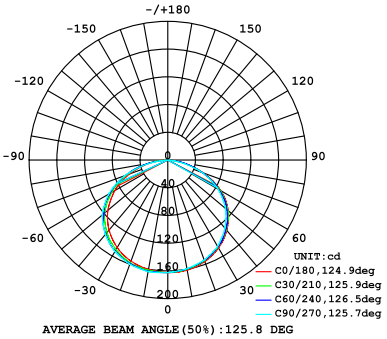
Kein Signalverlust bei defekter Gruppe

Artikel Nr.:	Lichtfarbe	Watt/m	Lumen/m	Effizienz	CRI/Ra	FPC
ES-5050RGB-60-12-Y(Digital)	RGB Digital	<14.4W				3OZ



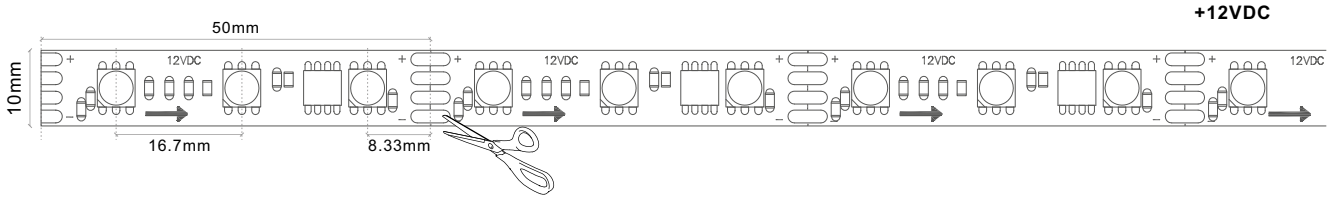
Controller

Artikel Nr.:	Beschreibung	
160102010105	Mini pixel controller RF remote 5-24VDC	
160102010063	DMX512 decoder 5-24VDC SPI 512 channels	



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

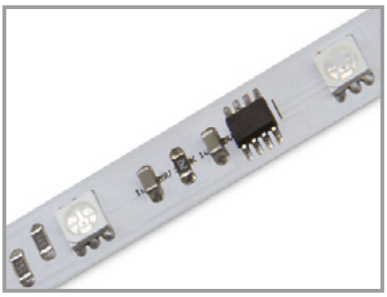
- ☑ IP20
- ☑ IP54
- ☑ IP67-2

Digital LED Streifen

smart mit led gmbh

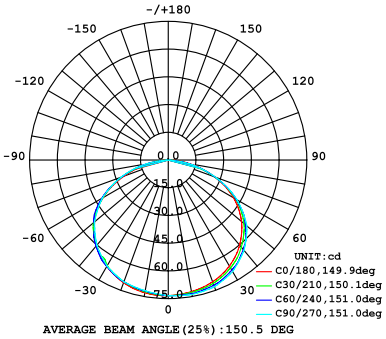
Kein Signalverlust bei defekter Gruppe

Artikel Nr.:	Lichtfarbe	Watt/m	Lumen/m	Effizienz	CRI/Ra	FPC
ES-5050RGB-30-12-Y(Digital)	RGB Digital	<7.2W				2OZ



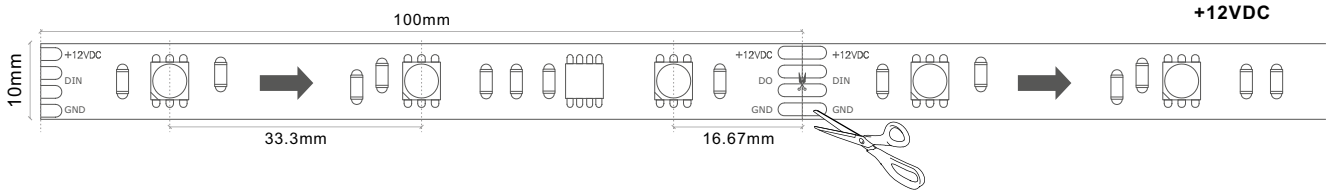
Controller

Artikel Nr.:	Beschreibung	
160102010105	Mini pixel controller RF remote 5-24VDC	
160102010063	DMX512 decoder 5-24VDC SPI 512 channels	



c UL us LISTED E466567

Max. Länge CE:500CM UL:16.4FT



IP Schutzart:

- ☑ IP20
- ☑ IP54
- ☑ IP67-2

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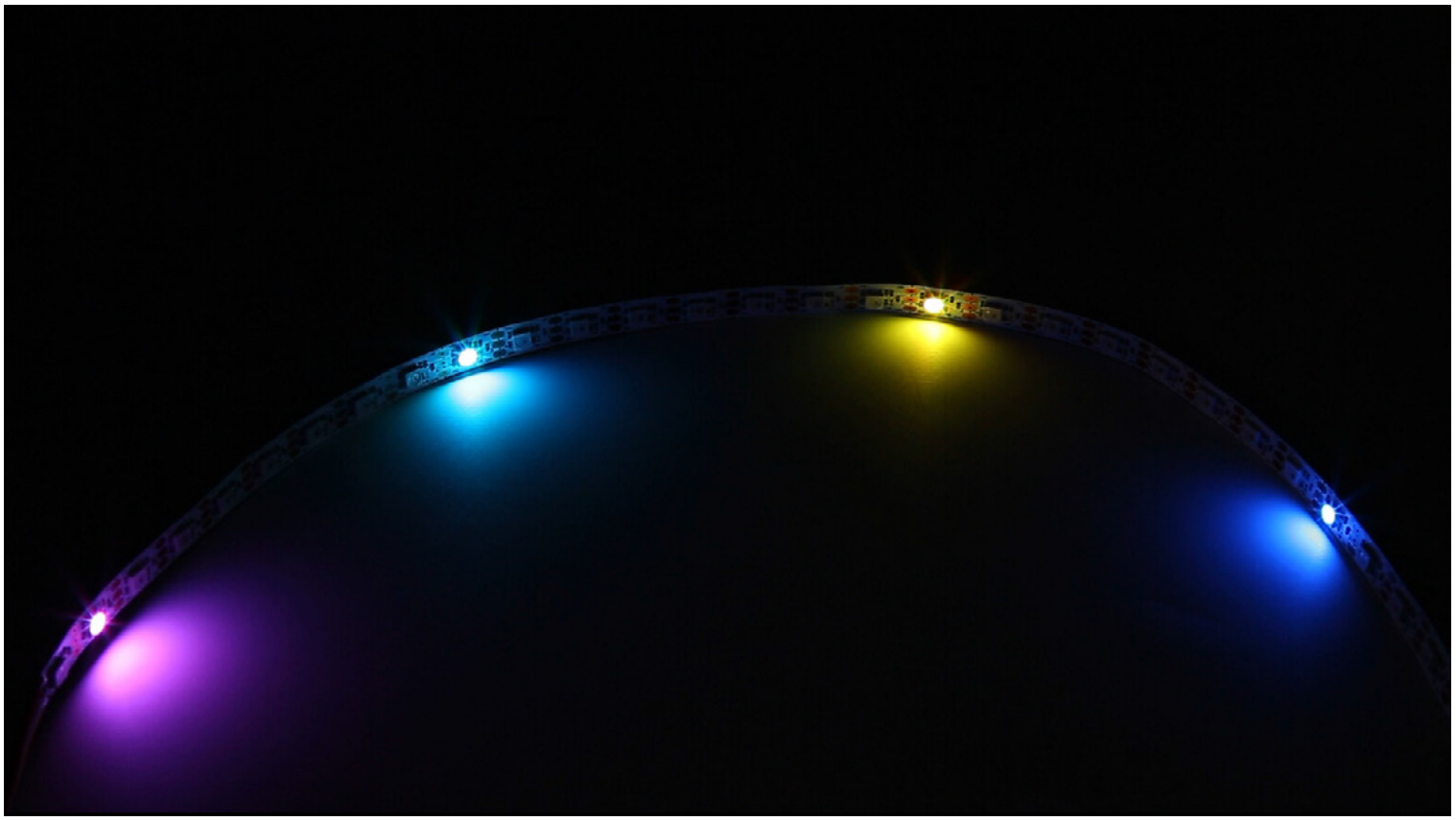

NEONFLEX

Neonflex

- Top-view und Side-view
- Schutzart ab IP65
- Grosse auswahl an Zubehör
- Höchste Zuverlässigkeit

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3D

3D Neonflex

Produktinformationen

1. 3D biegbar
2. 0.5m trennbar und maximale Länge von 5 meter.
3. Schutzart IP67

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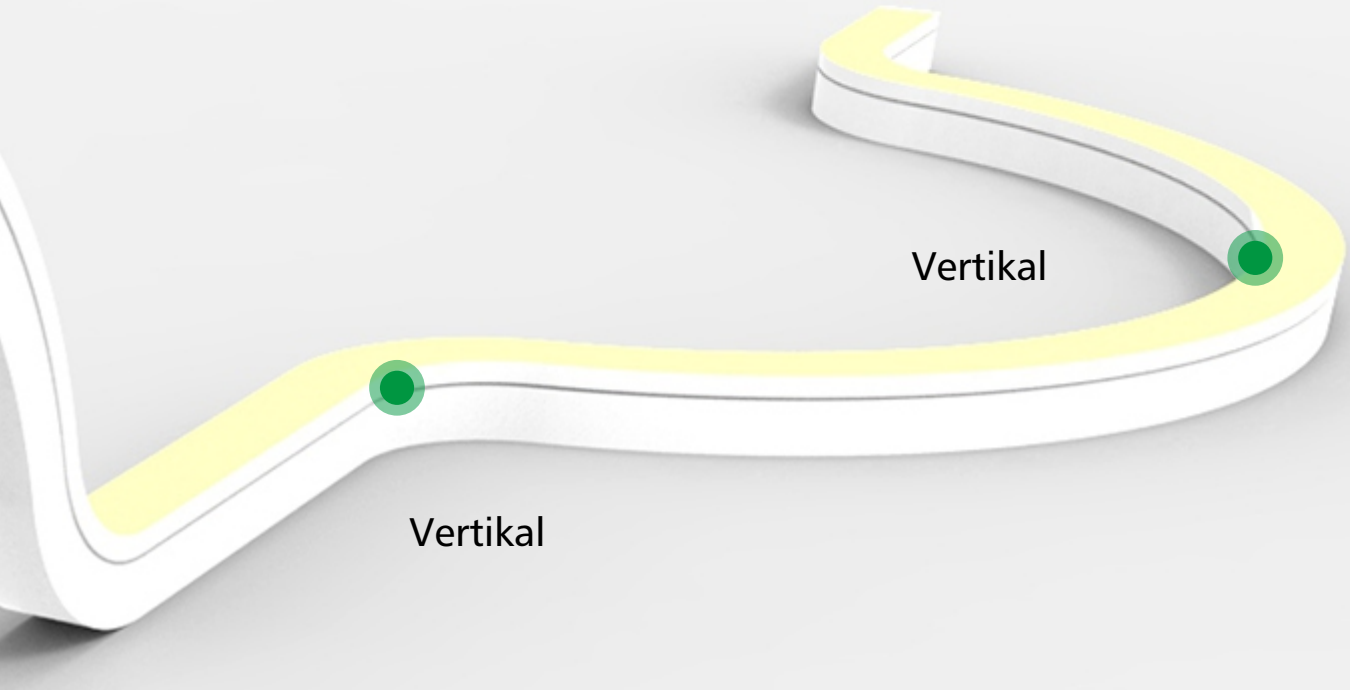
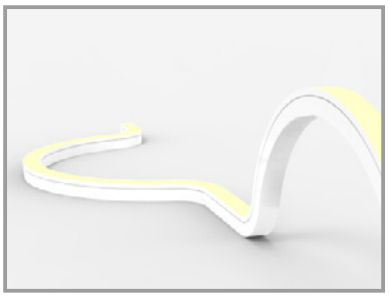

Vertikal
Vertikal

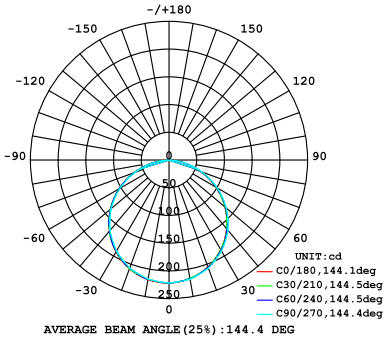
3D NEONFLEX

smart mit led gmbh

Neonflex LED Streifen 17x17mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3D-NEON-27	2700K	590LM	<10W		90+	3OZ
ES-3D-NEON-30	3000K	644LM	<10W		90+	3OZ
ES-3D-NEON-40	4000K	700LM	<10W		90+	3OZ
ES-3D-NEON-50	5000K	740LM	<10W		90+	3OZ



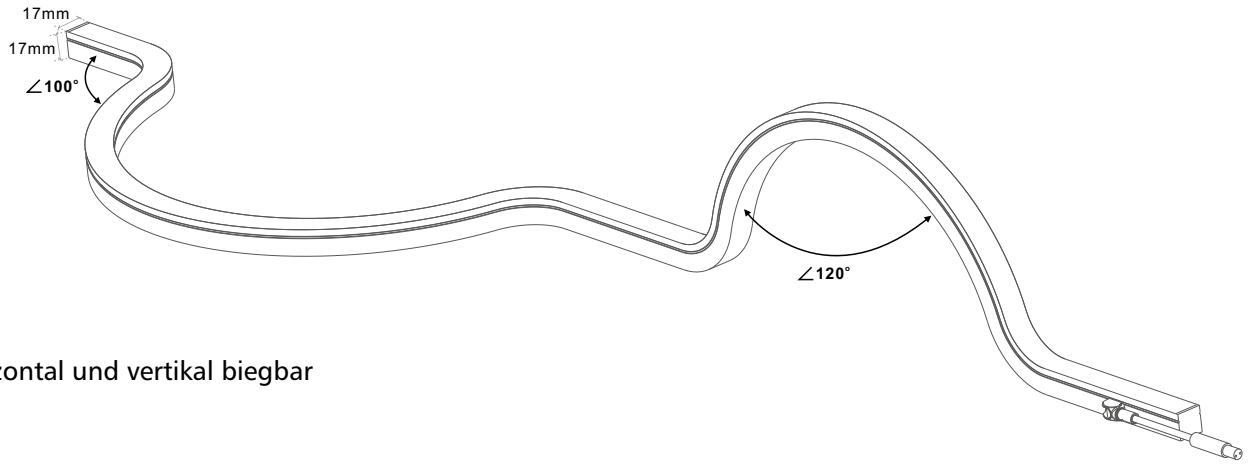


UL LISTED E466567

Zubehör

140202010025	Montageclip einzeln	
160103050089	Flexibles Montageband	
150700000001	Schrauben	

Max. Länge **CE:500CM** **UL:16.4FT**



Horrizontal und vertikal biegbar

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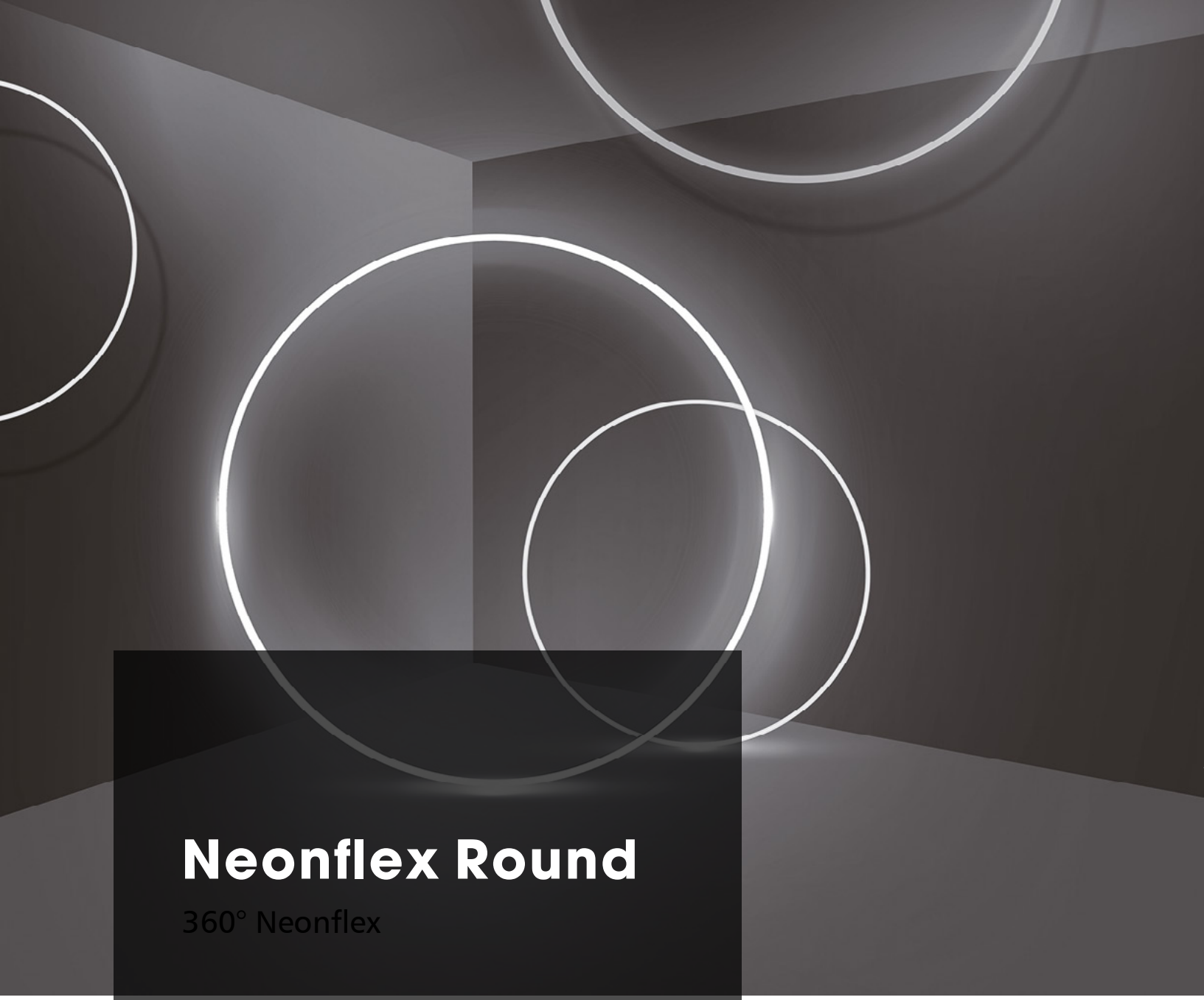

Neonflex Round

360° Neonflex

Produktinformationen

1. Spannungsversorgung 24VDC.
2. Schutzart IP65 .
3. Grössen: Φ17mm & Φ8mm.
4. Durchgängiges Lichtband ohne sichtbare Lichtpunkte.

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360° NEONFLEX Φ17mm

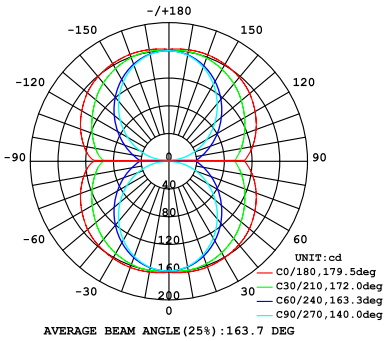
smart mit led gmbh

Neonflex Round

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-RO360-17-27	2700K	420LM	<8W		90+	3OZ
ES-NE-RO360-17-30	3000K	460LM	<8W		90+	3OZ
ES-NE-RO360-17-35	3500K	500LM	<8W		90+	3OZ
ES-NE-RO360-17-40	4000K	485LM	<8W		90+	3OZ

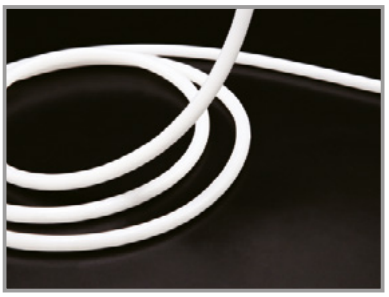
c UL us LISTED E466567 CE RoHS TÜV Rheinland 5 Jahre Garantie LM-80 LM-79 Ra 94+ 1 BIN 360°

Max. Länge CE:500CM UL:16.4FT



Φ8mm

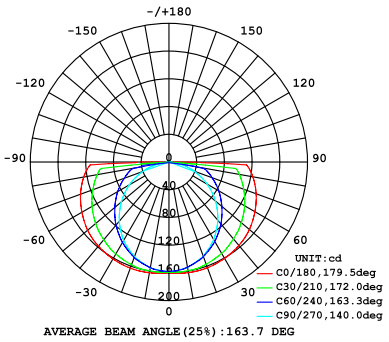
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-RO-8-27	2700K	440LM	<8W		90+	3OZ
ES-NE-RO-8-30	3000K	480LM	<8W		90+	3OZ
ES-NE-RO-8-35	3500K	504LM	<8W		90+	3OZ
ES-NE-RO-8-40	4000K	520LM	<8W		90+	3OZ



c UL us LISTED E466567 CE RoHS TÜV Rheinland 5 years warranty LM-80 LM-79 Ra 94+ 1 BIN 270°

Zubehör

140308030013	Montageclip	
150701010012	Schrauben	



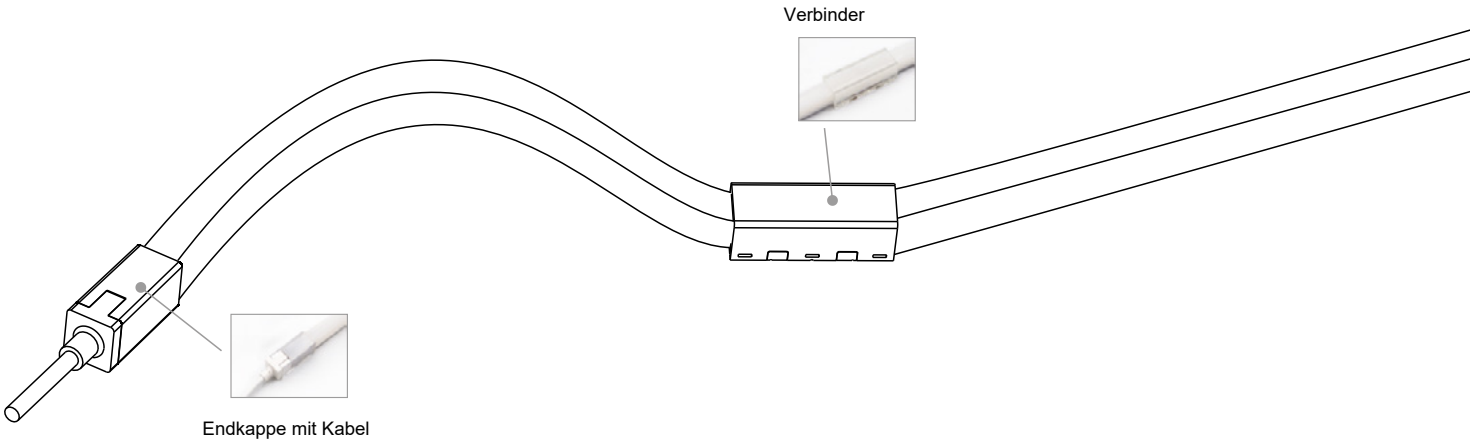
Max. Länge CE:500CM UL:16.4FT

Top View

NEONFLEX

Produktinformationen

1. Spannungsversorgung 24VDC, 14.4W/M.
2. Schutzart IP65
3. Sehr flexibel mit einem Biegeradius von 120mm
4. Unterschiedlichste Größen
5. Durchgängiges Lichtband ohne Lichtpunkte



Top View Neonflex

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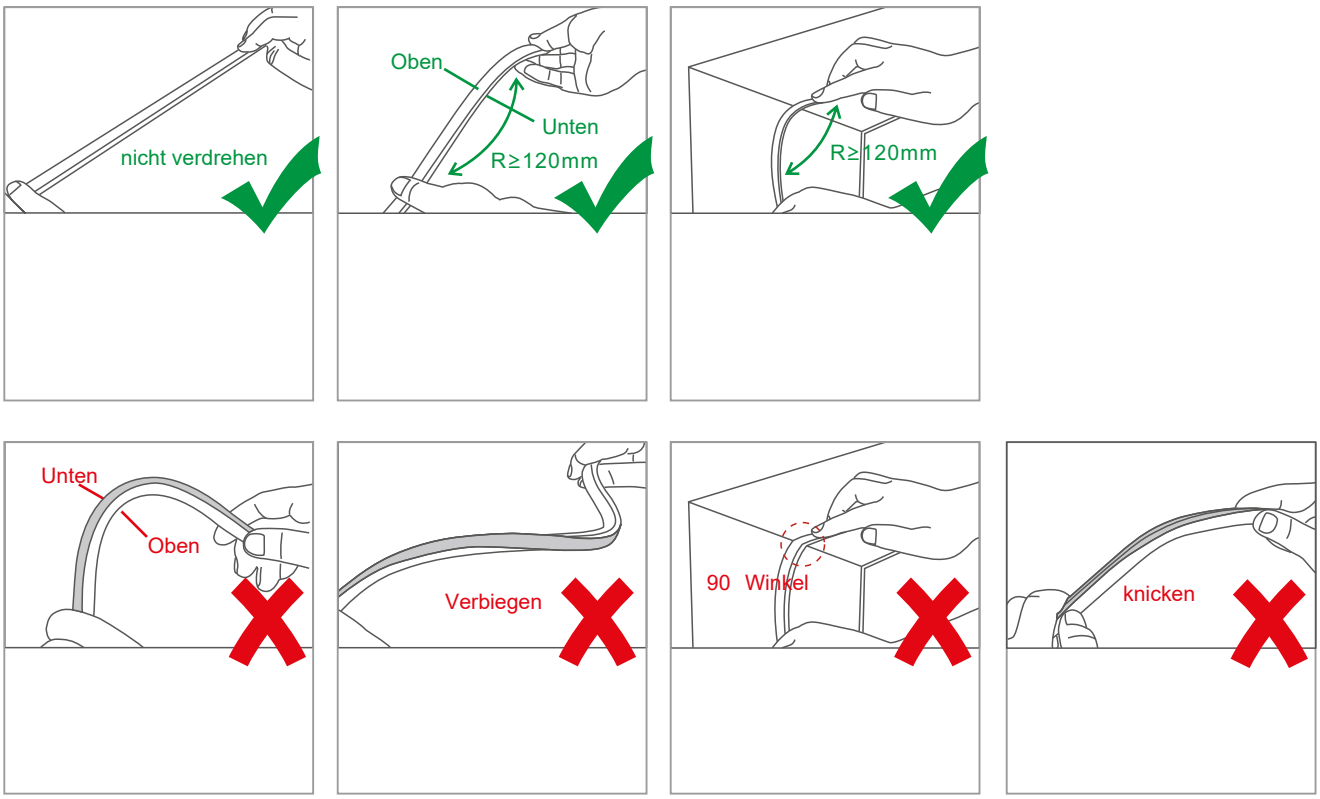
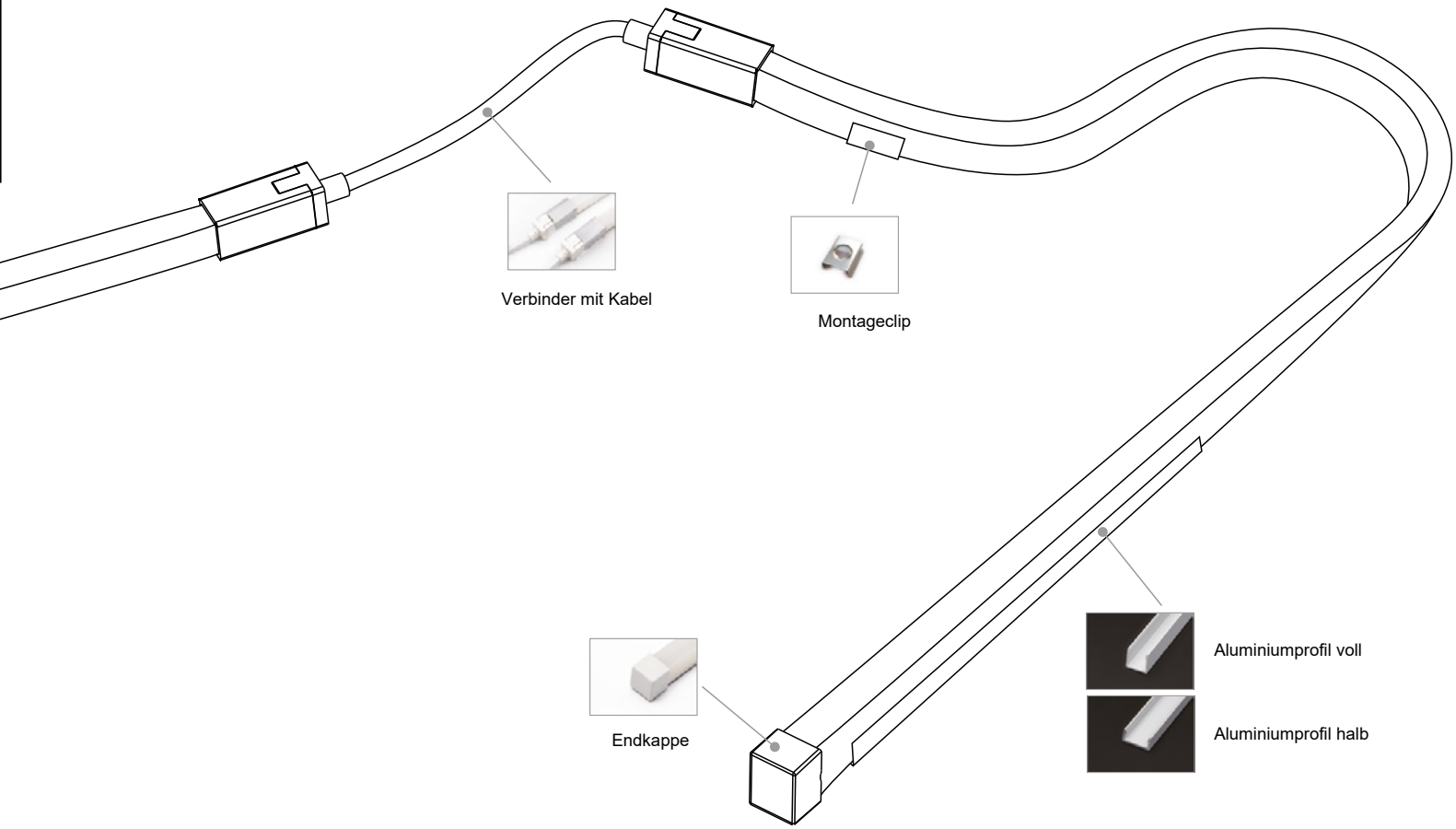
LED Flex Neon Light instruction and caution



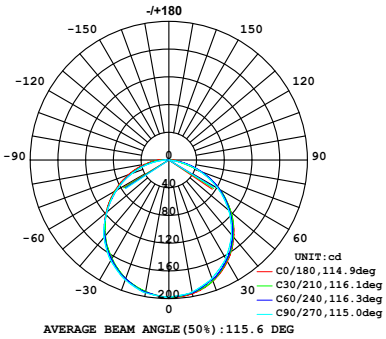


Top View

smart mit led gmbh

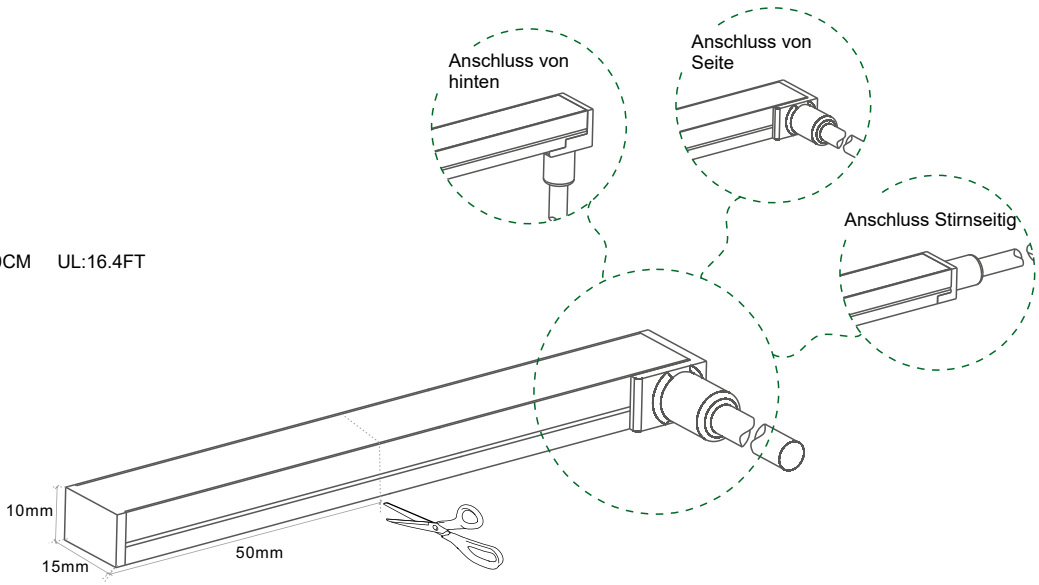
Neonflex Top View 15x10mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-TV-15-10-927	2700K	225LM	<15W		90+	3OZ
ES-NE-TV-15-10-930	3000K	240LM	<15W		90+	3OZ
ES-NE-TV-15-10-935	3500K	265LM	<15W		90+	3OZ
ES-NE-TV-15-10-940	4000K	285LM	<15W		90+	3OZ



ISTED
E466567

Max. Länge CE:500CM UL:16.4FT



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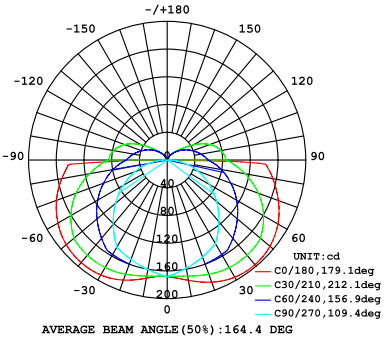
Top View

smart mit led gmbh

Neonflex Top View 9.4x10mm-

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-TV-9-10-927	2700K	1296LM	<14.4W		90+	3OZ
ES-NE-TV-9-10-930	3000K	1368LM	<14.4W		90+	3OZ
ES-NE-TV-9-10-935	4000K	1440LM	<14.4W		90+	3OZ
ES-NE-TV-9-10-940	6500K	1411LM	<14.4W		90+	3OZ

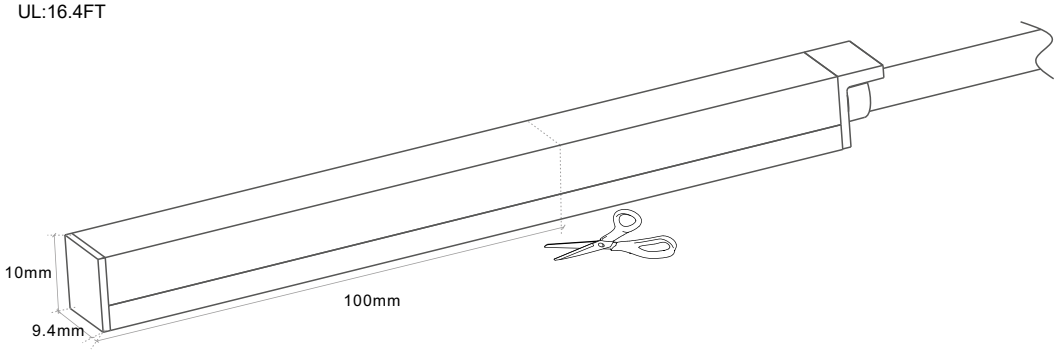


c UL us LISTED E466567

Zubehör

140308030002	Endkappe	
110501010020	Endkappe mit Kabel	
110501010030	Verbinder mit Kabel	
110501010021	Verbinder	
140205010003	Aluminiumprofil ganz	
140205020001	Aluminiumprofil halb	
140202000001	Montageclip	
150700000001	Schrauben	

Max. Länge CE:500CM UL:16.4FT



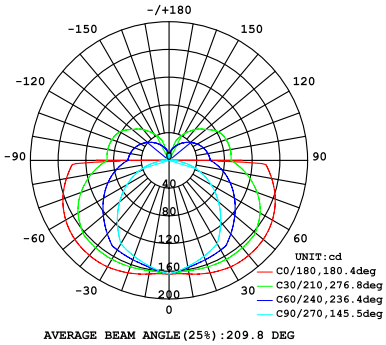
Tunable White & RGB Top View

smart mit led gmbh

Neonflex Top View 9.4x10mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-TV-9-10-TW	2700-6500 K K	850LM	<14.4W		90+	3OZ

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-TV-15-10-RO	620-627 NM NM					
ES-NE-TV-15-10-GR	525-530 NM NM	600LM	<14.4W			3OZ
ES-NE-TV-15-10-BL	470-475 NM NM					

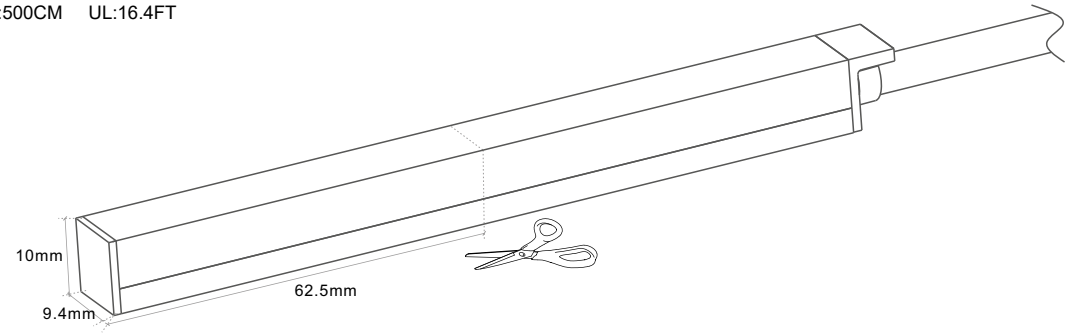


c UL us LISTED E466567 CE RoHS 3 Jahre Garantie LM-80 LM-79 Tunable RGB 1 BIN 120°

Zubehör

160102010112	12-24VDC 3A*2CH Max.6A 72W/144W(12V/24V)	CCT	
160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	RGB	
140308030002	Endkappe		
110501010023	Endkappe mit Einspeisung		
140205010003	Aluminiumprofil Voll		
140205020001	Aluminiumprofil halb		
140202000001	Montageclip		
150700000001	Schraube		

Max. Länge CE:500CM UL:16.4FT



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Top View

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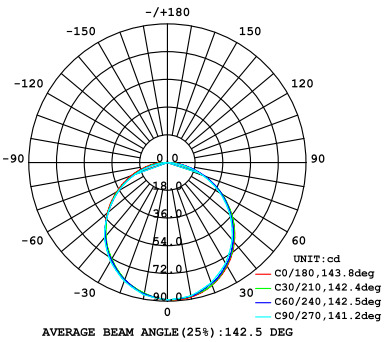
Neonflex Top View 6x6mm

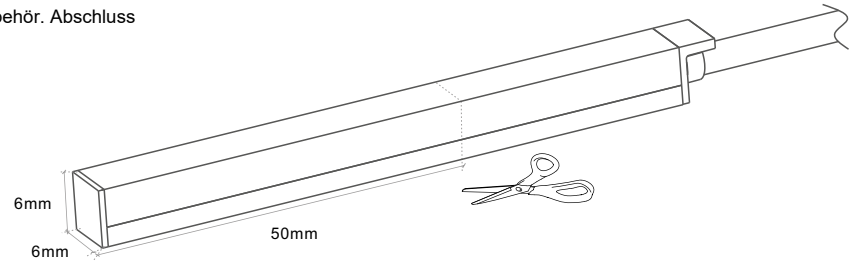
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NE-TV-6-6-927	2700K	560LM	<8W		90+	3OZ
ES-NE-TV-6-6-930	3000K	600LM	<8W		90+	3OZ
ES-NE-TV-6-6-935	3500K	640LM	<8W		90+	3OZ
ES-NE-TV-6-6-940	4000K	627LM	<8W		90+	3OZ

c UL us LISTED E466567



Max. Länge CE:500CM UL:16.4FT

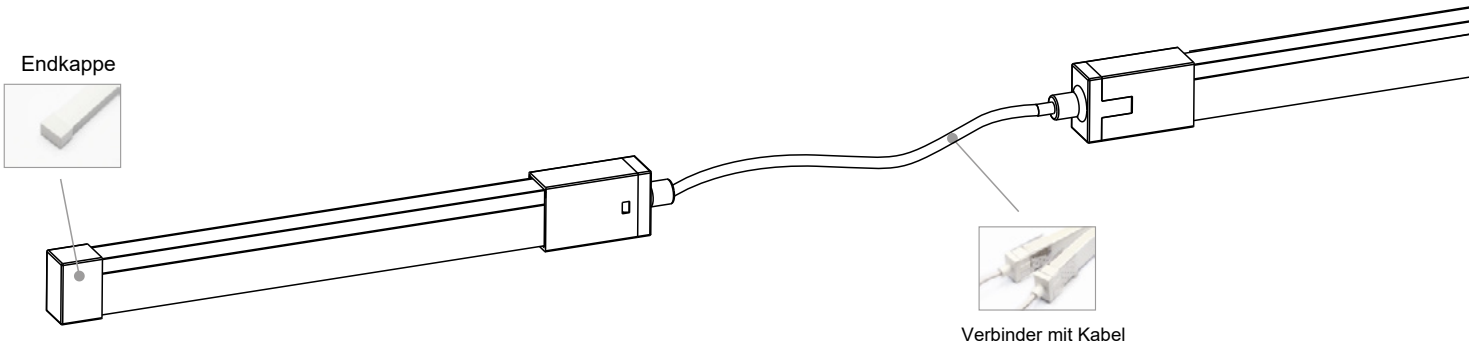
Trennbarkeit alle 5cm. Kein Zubehör. Abschluss mit Silikon.



Side View

Produktinformationen

1. SpannungsversorgungLow voltage 24VDC,14.4W/M.
2. Schutzart IP65
3. Grosse auswahl an unterschiedlichen Grössen.
4. Biegeradius 100mm bei Größe11x20mm.
5. Biegeradius 40mm bei Größe 6x12mm.
6. Gleichmäßiges Lichtband ohne sichtbare Lichtpunkte



Siede View Neonflex

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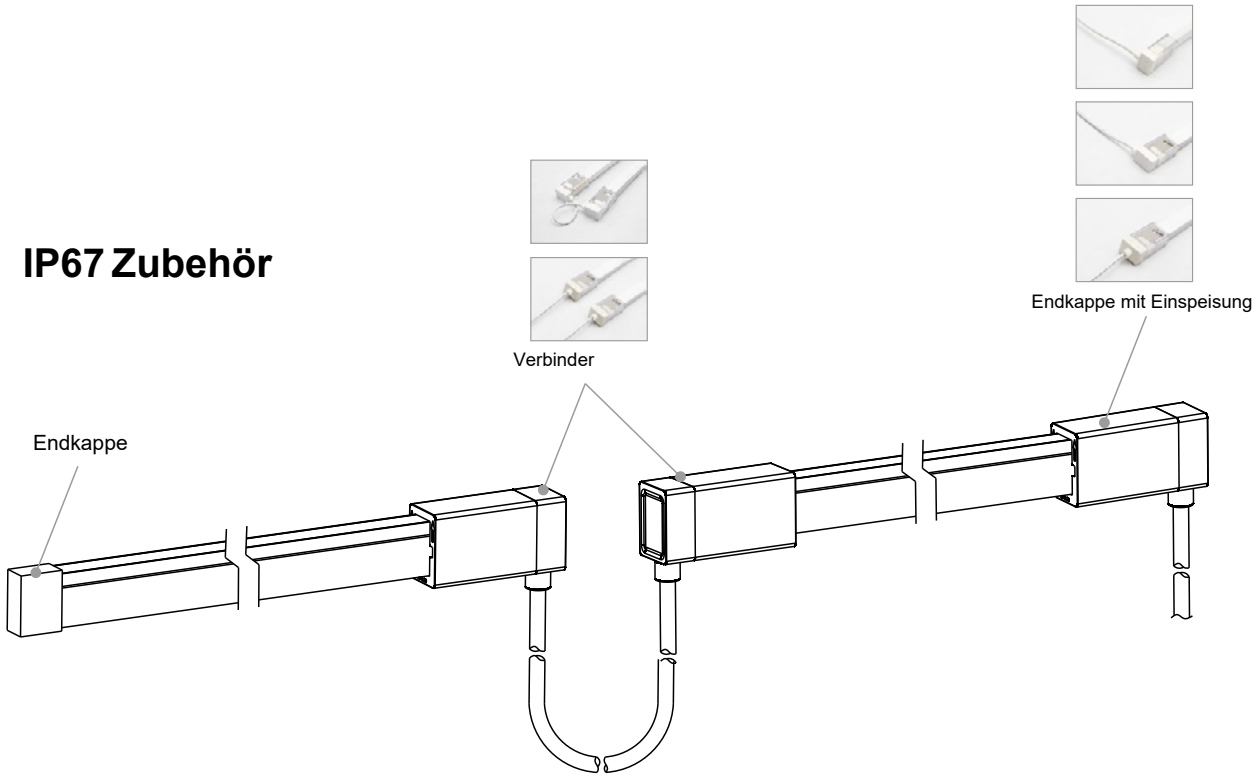
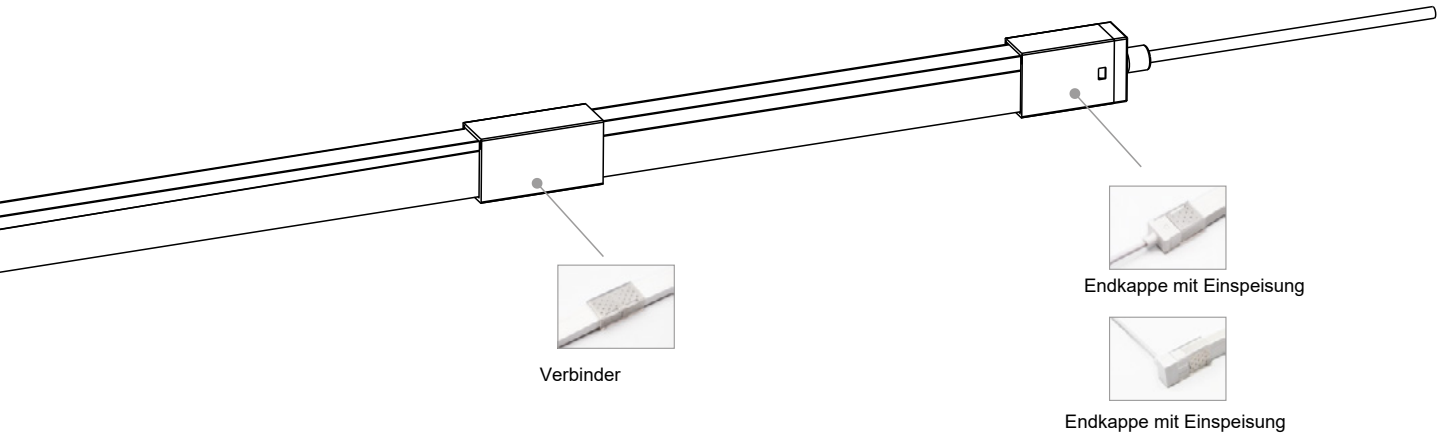
IP67 Zubehör



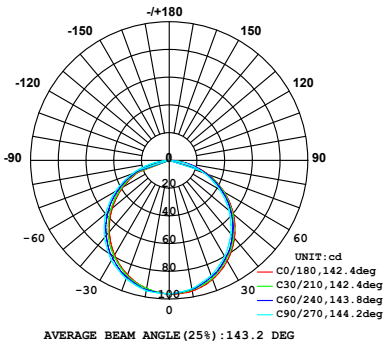


Side View

smart mit led gmbh

Neonflex Side View 11x20mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz CRI/Ra	FPC
ES-NF-SV-11-20-8 1LED/Gruppe	2700K	360LM	<15W	94+	3OZ
	3000K	370LM	<15W	94+	3OZ
	4000K	390LM	<15W	94+	3OZ
	6000K	400LM	<15W	94+	3OZ

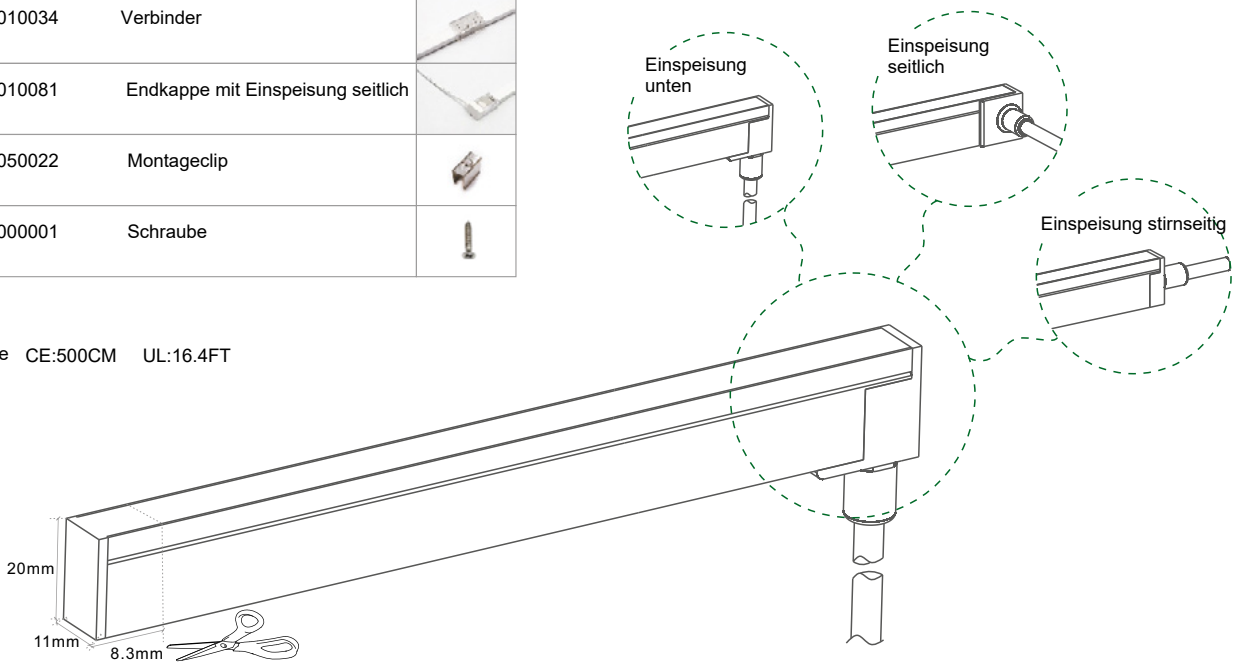


UL LISTED E466567 · CE · RoHS · 5 years warranty · LM-80 · LM-79 · Ra 94+ · 1 BIN · 120°

Zubehör

140302010012	Endkappe	
110501010082	Endkappe mit Einspeisung	
110501010080	Endkappe mit Einspeisung seitlich	
110501010083	Verbinder mit Kabel	
110501010102	Verbinder mit Kabel seitlich	
110501010034	Verbinder	
110501010081	Endkappe mit Einspeisung seitlich	
160103050022	Montageclip	
150700000001	Schraube	

Max. Länge CE:500CM UL:16.4FT



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Side View

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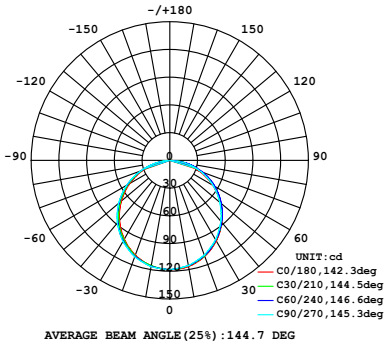
Neonflex Side View 11x20mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NF-SV-11-20-100	2700K	360LM	<15W		90+	3OZ
	3000K	370LM	<15W		90+	3OZ
	4000K	390LM	<15W		90+	3OZ
	6000K	400LM	<15W		90+	3OZ



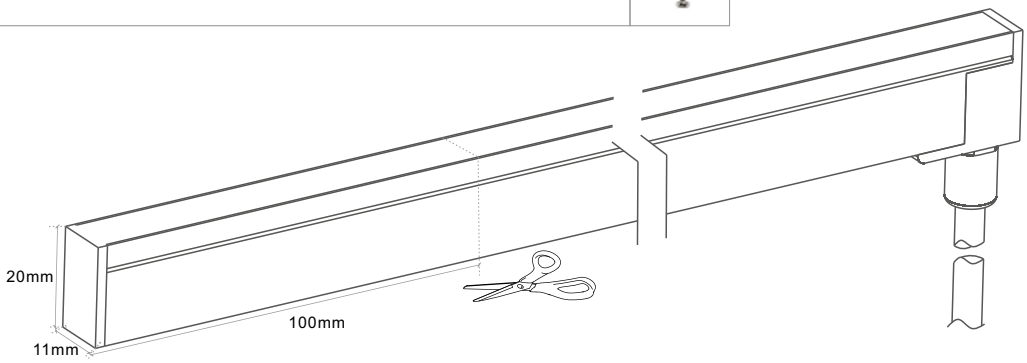
Max. Länge **CE:500CM** **UL:21.4FT** **Konstantspannung**

Max. Länge **CE:2000CM** **UL:21.4FT** **Konstantstrom**

c UL us LISTED E466567

Zubehör

140302010012	Endkappe	
110501010082	Endkappe mit Einspeisung	
110501010080	Endkappe mit Einspeisung seitlich	
110501010083	Verbinder mit Kabel	
110501010102	Verbinder mit Kabel seitlich	
110501010034	Verbinder	
110501010081	Endkappe mit Einspeisung seitlich	
160103050022	Montageclip	
150700000001	Schraube	



RGB Side View

smart mit led gmbh

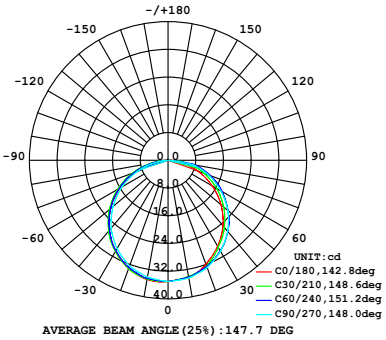
Neonflex Side View 11x20mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NF-SV-11-20-62	620-627 NM NM 525-530 NM NM 470-475 NM NM	380LM	<14.4W			3OZ

Max. Länge **CE:500CM** **UL:21.4FT** **(Konstantspannung)**

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NF-SV-CC-11-20-62	620-627 NM NM 525-530 NM NM 470-475 NM NM	380LM	<12W			3OZ

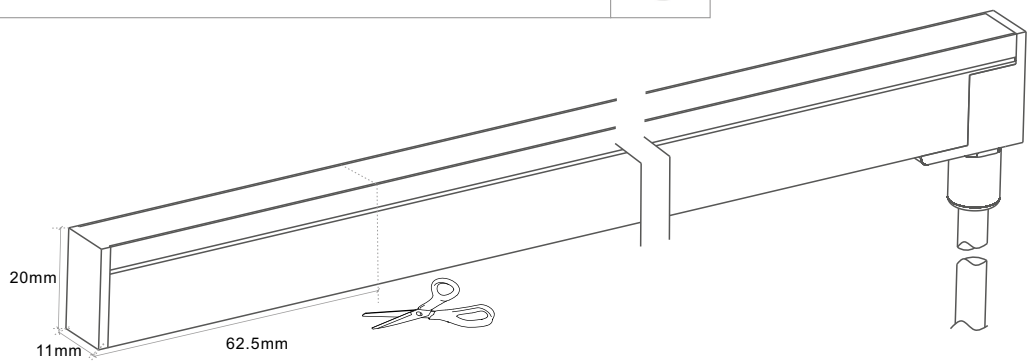
Max. Länge **CE:1500CM** **UL:32.8FT** **(Konstantstrom)**



c UL us LISTED E466567 CE RoHS TÜV Rheinland 5 Jahre Garantie LM-80 LM-79 RGB 120°

Zubehör

160102010110	12-24VDC 3A*3CH Max.9A 108W/216W(12V/24V)	
140302010012	Endkappe	
110501010022	Endkappe mit Einspeisung	
110501010064	Verbinder mit Kabel	
110501010065	Verbinder	
160103050022	Montageclip	
150700000001	Schraube	



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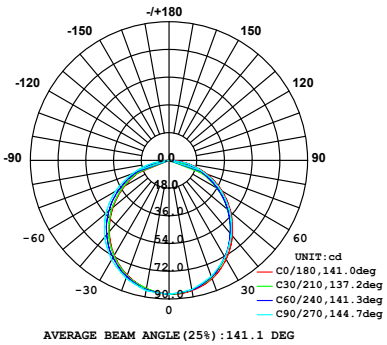
JIN TAO YUAN

Side View

smart mit led gmbh

Neonflex Side View 6x12mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NF-SV-6-12-8	2700K	250LM	<10W		94+	3OZ
	3000K	265LM	<10W		94+	3OZ
1 LED/Gruppe	3500K	280LM	<10W		94+	3OZ
	4000K	300LM	<10W		94+	3OZ

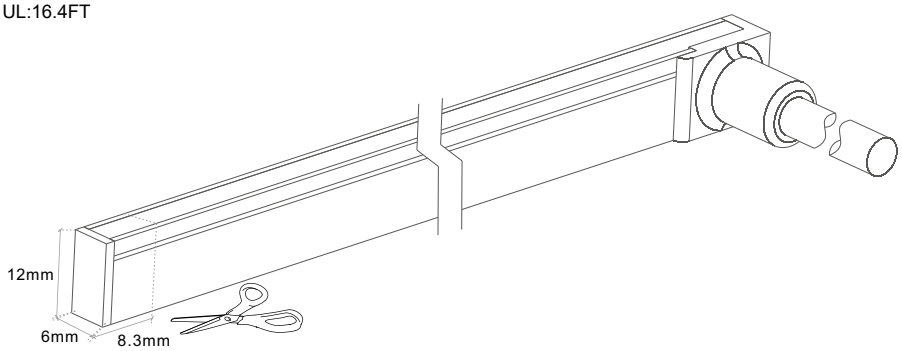


c UL us LISTED E466567 CE RoHS 5 years warranty LM-80 LM-79 Ra 90+ 1 BIN 120°

Zubehör

140308030026	Endkappe	
110501010004	Endkappe mit Einspeisung	
110501010035	Endkappe mit Einspeisung seitlich	
110501010041	Verbinder mit Kabel	
110501010003	Verbinder	
140301000007	Montageclip	
150701010012	Schrauben	

Max. Länge CE:500CM UL:16.4FT



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Side View

smart mit led gmbh

Neonflex Side View 6x12mm

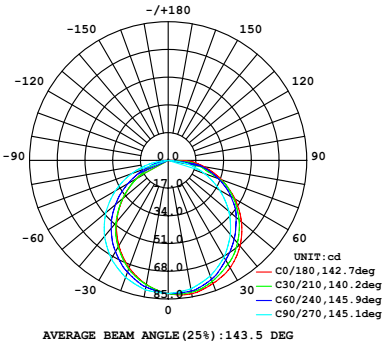
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NF-SV-6-12-8	2700K	170LM	<10W		90+	3OZ
	3000K	170LM	<10W		90+	3OZ
ES-NF-SV-CC-6-12-8	3500K	180LM	<10W		90+	3OZ
	4000K	190LM	<10W		90+	3OZ

Max. Länge **CE:500CM** **UL:16.4FT**

Max. Länge **CE:2000CM**

(Konstantspannung) **UL:21.4FT**

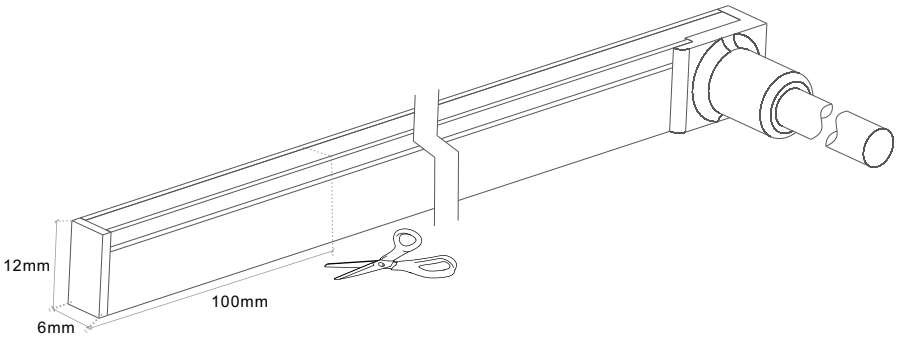
(Konstantstrom)



c UL us LISTED E466567

Zubehör

140308030026	Endkappe	
110501010004	Endkappe mit Einspeisung	
110501010035	Endkappe mit Einspeisung seitlich	
110501010041	Verbinder mit Kabel	
110501010003	Verbinder	
140301000007	Montageclip	
150701010012	Schrauben	

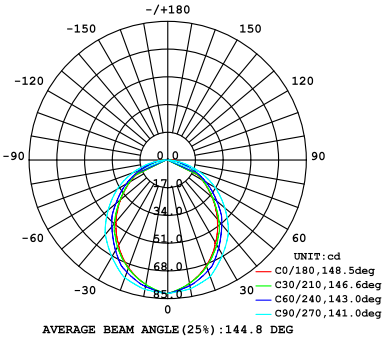


Side View

smart mit led gmbh

Neonflex Side View 4x8mm

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-NF-SV-4-8-(X)	2700K	170LM	<8W		90+	3OZ
	3000K	170LM	<8W		90+	3OZ
	3500K	200LM	<8W		90+	3OZ
	4000K	210LM	<8W		90+	3OZ

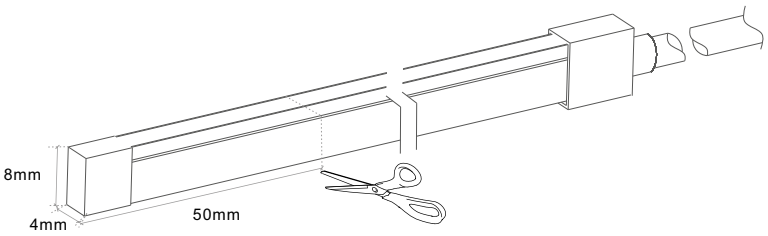


UL LISTED E466567 · CE · RoHS · 5 Jahre Garantie · LM-80 · LM-79 · Ra 90+ · 1 BIN · 120°

Zubehör

140308030012	Montageclip	
150701010012	Schrauben	

Max. Länge CE:500CM UL:16.4FT



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NEG
Lig

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ht

230V LED Streifen

LED Streifen ohne Netzteil

Produktinformationen

1. Höchst effiezient und hoher Lumenoutput.
2. Überhitzungsschutz (Max.80 C°)
3. Konstantstrom mit Überspannungsschutz,
4. Grosse Auswahl an Zubehör
5. Biegeradius mit 10cm.
6. Installation ohne ein Netzteil
7. Schutzart IP65. Max. Länge ist 50m
8. 3 Jahre Garantie.

IP Rating:

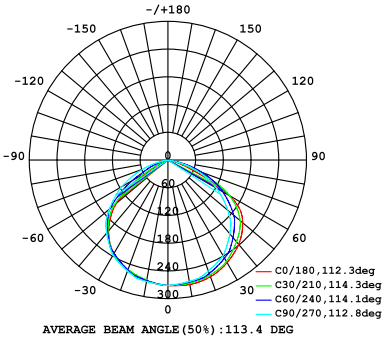
IP65---PVC Extrusion
Out Door

230V LED Streifen

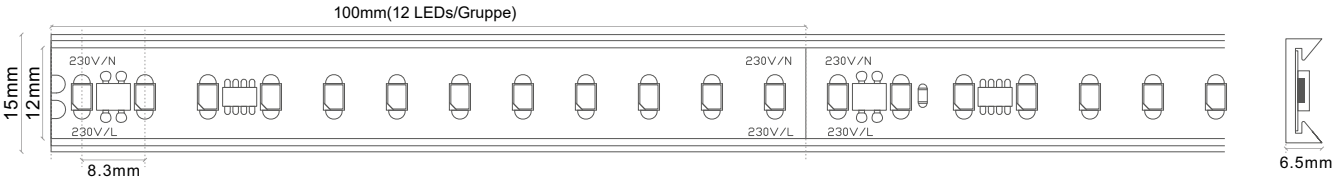
Warning:this item can't be used under water

230V LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835CC2780-120-230-Y	2700K	1470LM	<15W	98LM/W	80+	PF>0.96
ES-2835CC3080-120-230-Y	3000K	1470LM	<15W	98LM/W	80+	PF>0.96
ES-2835CC4080-120-230-Y	4000K	1540LM	<15W	102LM/W	80+	PF>0.96
ES-2835CC6580-120-230-Y	6500K	1540LM	<15W	102LM/W	80+	PF>0.96



Max. Länge **5000CM**



1. Verbinder/Klemmbox

Klemmbox 160105010058

2 PIN Steckverbinder
140501040004

2. Endkappe und Einspeisung

Endkappe
110501020002

Endkappe mit
Einspeisung
110501020003

3. Verbinder

L Verbinder
110501020038

Verbinder
110501020039

Verbinder
110501020055

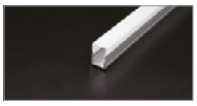
Einspeisung mit Stecker
110501020004

4. Mounting Accessories

Montageclip
140308010011

PVC Profil
160103010015

Aluminiumprofil
ES-LL019008

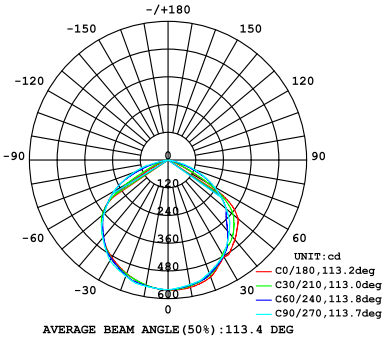


Aluminiumprofil mit Abdeckung
ES-LL020030

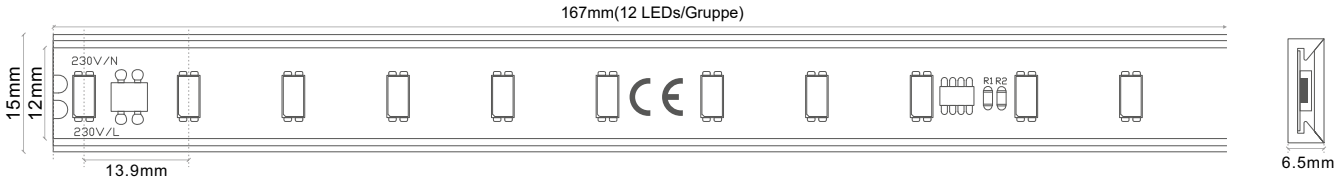
230V LED Streifen

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3056CC2780-72-230-Y	2700K	1400LM	<14W	100LM/W	80+	PF>0.96
ES-3056CC3080-72-230-Y	3000K	1400LM	<14W	100LM/W	80+	PF>0.96
ES-3056CC4080-72-230-Y	4000K	1470LM	<14W	105LM/W	80+	PF>0.96
ES-3056CC6580-72-230-Y	6500K	1470LM	<14W	105LM/W	80+	PF>0.96



Max. Länge **5000CM**



1. Verbinder/Klemmbox

Klemmbox 160105010058

2 PIN Steckverbinder
140501040004

2. Endkappe und Einspeisung

Endkappe
110501020002

Endkappe mit
Einspeisung
110501020003

3. Verbinder

L Verbinder
110501020038

Verbinder
110501020039

Verbinder
110501020055

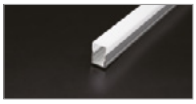
Einspeisung mit Stecker
110501020004

4. Mounting Accessories

Montageclip
140308010011

PVC Profil
160103010015

Aluminiumprofil
ES-LL019008



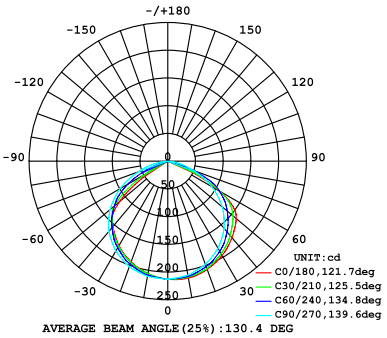
Aluminiumprofil mit Abdeckung
ES-LL020030

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

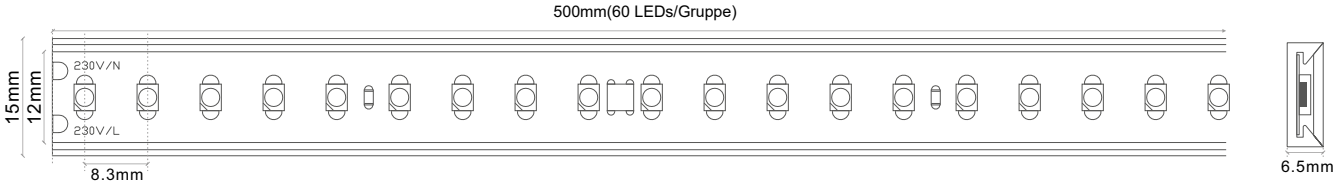
230V LED Streifen

smart mit led gmbh

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3528CC2790-120-230V-Y	2700K	520LM	<8W	65LM/W	90+	PF>0.96
ES-3528CC3090-120-230V-Y	3000K	520LM	<8W	65LM/W	90+	PF>0.96
ES-3528CC4090-120-230V-Y	4000K	560LM	<8W	70LM/W	90+	PF>0.96
ES-3528CC6590-120-230V-Y	6500K	560LM	<8W	70LM/W	90+	PF>0.96
ES-3528CCRO-120-230V-Y	620-625 NM NM	— —	<8W	— —	— —	PF>0.96
ES-3528CCGE-120-230V-Y	585-590 NM NM	— —	<8W	— —	— —	PF>0.96
ES-3528CCGR-120-230V-Y	517-522 NM NM	— —	<8W	— —	— —	PF>0.96
ES-3528CCBL-120-230V-Y	465-470 NM NM	— —	<8W	— —	— —	PF>0.96



Max. Länge **5000CM**



1. Verbinder/Klemmbox

Klemmbox 160105010058

2 PIN Steckverbinder
140501040004

2. Endkappe und Einspeisung

Endkappe
110501020002

Endkappe mit
Einspeisung
110501020003

3. Verbinder

L Verbinder
110501020038

Verbinder
110501020039

Verbinder
110501020055

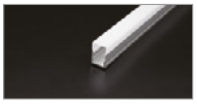
Einspeisung mit Stecker
110501020004

4. Mounting Accessories

Montageclip
140308010011

PVC Profil
160103010015

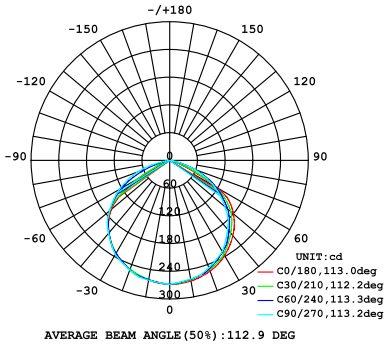
Aluminiumprofil
ES-LL019008



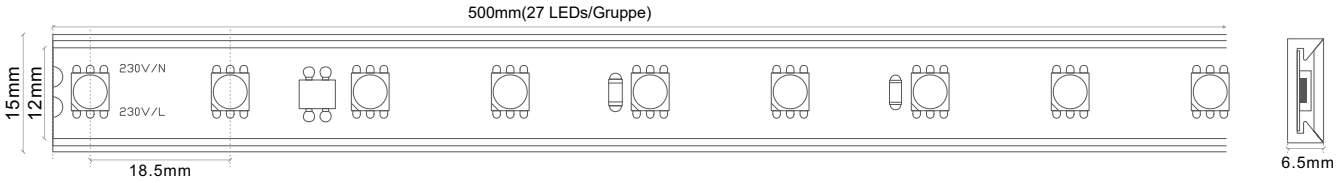
Aluminiumprofil mit Abdeckung
ES-LL020030

230V LED Streifen

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-5050CC2790-54-230-Y	2700K	640LM	<8W	80LM/W	90+	PF>0.96
ES-5050CC3090-54-230-Y	3000K	640LM	<8W	80LM/W	90+	PF>0.96
ES-5050CC4090-54-230-Y	4000K	680LM	<8W	85LM/W	90+	PF>0.96
ES-5050CC6590-54-230-Y	6500K	680LM	<8W	85LM/W	90+	PF>0.96
ES-5050CCRO-54-230-Y	620-625 NM NM	— —	<8W	— —	— —	— —
ES-5050CCGE-54-230-Y	585-590 NM NM	— —	<8W	— —	— —	— —
ES-5050CCGR-54-230-Y	517-522 NM NM	— —	<8W	— —	— —	— —
ES-5050CCBL-54-230-Y	465-470 NM NM	— —	<8W	— —	— —	— —



Max. Länge 5000CM



1. Verbinder/Klemmbox

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140501040004

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Endkappe
110501020002

Endkappe mit
Einspeisung
110501020003

3. Verbinder

L Verbinder
110501020038

Verbinder
110501020039

Verbinder
110501020055

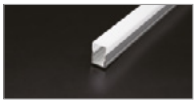
Einspeisung mit Stecker
110501020004

4. Mounting Accessories

Montageclip
140308010011

PVC Profil
160103010015

Aluminiumprofil
ES-LL019008



Aluminiumprofil mit Abdeckung
ES-LL020030

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

Wall Washer

LED Streifen mit Linsenoptiken

Produktinformationen

1. Symmetrische und Asymmetrische Linsenoptiken

   Symmetrisch: 30°/45°/60°/90°

   Asymmetrisch: 10°x30°/10°x45°/10°x60°/30°x70°

2. PMMA Linsenoptiken

3. Maximale Längen bis zu 20m

smart mit led gmbh

Wall Washer

LED Streifen mit Linsenoptiken

1

LED Type

SMD2835

2

Farbtemperatur

1800-6500 K K

3

LED pro Meter

42

4

Spannung

24VDC

5

Abstrahlwinkel

symmetrisch 30 °

asymmetrisch 10° x 45°

Wall Washer LED Streifen mit Linsenoptiken

Wall Washer

smart mit led gmbh

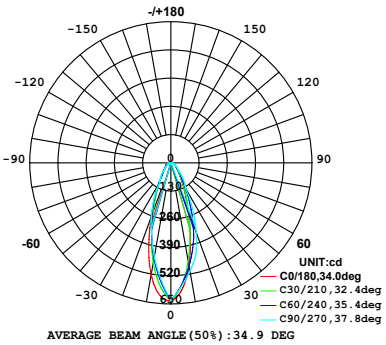
LED Streifen mit Linsenoptiken

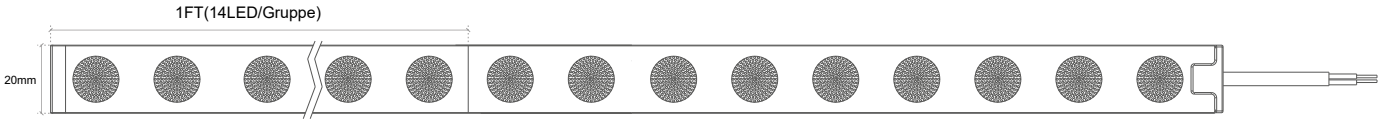
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C94-42-24-30	1800 K - 6500 K	459LM	<5.8W		94+	30°

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835C94-42-24-10-45	1800 K - 6500 K	430LM	<5.8W		94+	10°x45°

c UL us LISTED E466567 CE RoHS 3 years warranty LM-80 LM-79 Ra 94+ IP67 1 BIN

Max. Länge **UL:16.4FT**





IP Schutzart

☑ IP67 PU +PC Linse

Zubehör

Montageclip
140202010009

Profile

Profil
ES-LL023021

Endkappe
16010303004

Endkapppe mit Loch
16010303005

Montageclip
140202010014

Einstellbare
Montageclips
110501010017

Zubehör

Endkappe
140308040004

Endkappe mit Einspeisung
110501010005

Verbinder
110501010015

Verbinder mit Kabel
110501010016

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Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

Wall Washer

smart mit led gmbh

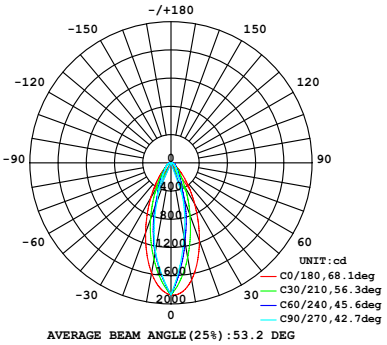
LED Streifen mit Linsenoptiken

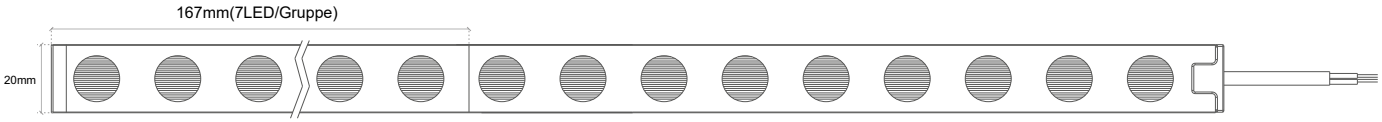
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835HPWW-42-24-30	1800 K - 6500 K	1377LM	<18W		94+	30°

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835HPWW-42-24-10-45	1800 K - 6500 K	1290LM	<18W		94+	10°x45°

c UL us LISTED E466567 CE RoHS 3 years warranty LM-80 LM-79 Ra 94+ IP67 1 BIN

Max. Länge **CE:1000CM**





IP Rating

☑ IP67 PU +PC Linse

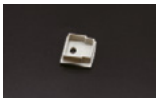
Zubehör

Montageclip
140202010009

Profile

Profil
ES-LL023021

Endkappe
16010303004



Endkapppe mit Loch
16010303005

Montageclip
140202010014

Einstellbare
Montageclips
110501010017

Zubehör

Endkappe
140308040004

Endkappe mit Einspeisung
110501010005

Verbinder
110501010015

Verbinder mit Kabel
110501010016

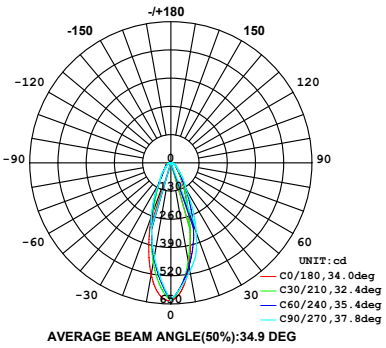
Wall Washer

smart mit led gmbh

LED Streifen mit Linsenoptiken

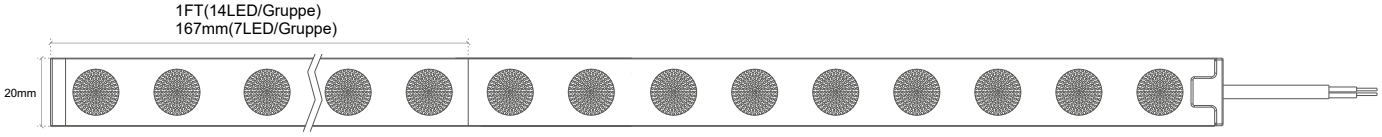
Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835WW-W-42-24-30	2700-6500 K K	462LM	<5.8W		94+	30°

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-2835HPWW-W-42-24-30	2700-6500 K K	1386LM	<18W		94+	30°



UL LISTED E466567

Max. Länge **CE:1000CM** **UL:16.4FT**



IP Schutzart

☑ IP67 PU +PC Linse

Zubehör

Montageclip
140202010009

Profile

Profil
ES-LL023021

Endkappe
16010303004

Endkapppe mit Loch
16010303005

Montageclip
140202010014

Einstellbare
Montageclips
110501010017

Zubehör

Endkappe
140308040004

Endkappe mit Einspeisung
110501010005

Verbinder
110501010015

Verbinder mit Kabel
110501010016

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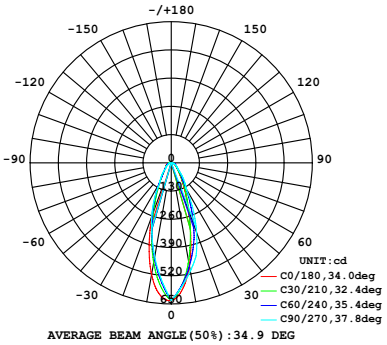
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

Wall Washer

smart mit led gmbh

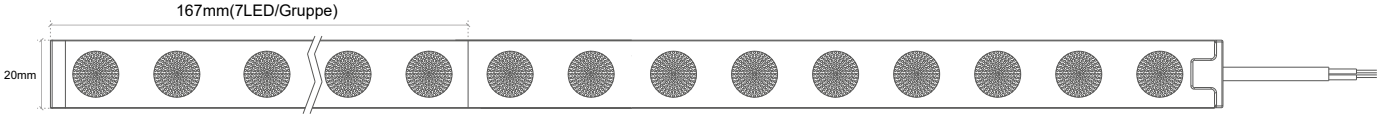
LED Streifen mit Linsenoptiken

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3535RGB-42-24-30	620-627 NM NM 525-530 NM NM 470-475 NM NM	468LM	<9W			30°



c UL us LISTED E466567 CE RoHS 3 LM-80 LM-79 RGB IP67 1 BIN

Max. Länge **CE:1000CM** **UL:32.8FT**



IP Rating

☑ IP67 PU +PC Linse

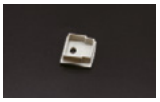
Zubehör

Montageclip
140202010009

Profile

Profil
ES-LL023021

Endkappe
16010303004



Endkapppe mit Loch
16010303005

Montageclip
140202010014

Einstellbare
Montageclips
110501010017

Zubehör

Endkappe
140308040004

Endkappe mit Einspeisung
110501010005

Verbinder
110501010015

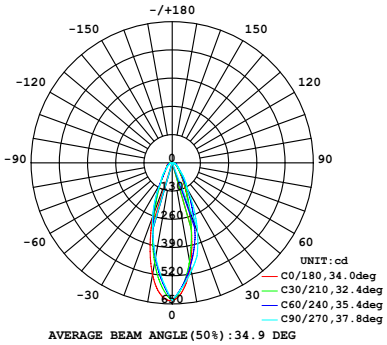
Verbinder mit Kabel
110501010016

Wall Washer

smart mit led gmbh

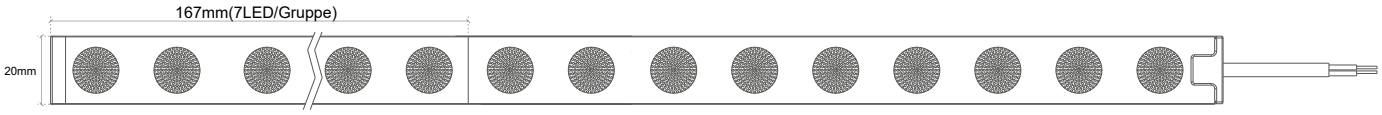
Flexible LED Wall Washer with Optic Lens

Artikel Nr.:	Lichtfarbe	Lumen/m	Watt/m	Effizienz	CRI/Ra	FPC
ES-3535RGBW-42-24-30	620-627 NM 1800K 525-530 NM NM 470-475 NM NM 2700 K - 6500 K	1551LM	<18W			30°



c UL us LISTED E466567 · CE · RoHS · 3 Jahre Garantie · LM-80 · LM-79 · RGB W · IP67 · 1 BIN

Max. Länge CE:1000CM UL:16.4FT



IP Schutzart

☑ IP67 PU +PC Linse

Zubehör

Montageclip
140202010009

Profile

Profil
ES-LL023021

Endkappe
16010303004

Endkapppe mit Loch
16010303005

Montageclip
140202010014

Einstellbare
Montageclips
110501010017

Zubehör

Endkappe
140308040004

Endkappe mit Einspeisung
110501010005

Verbinder
110501010015

Verbinder mit Kabel
110501010016

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
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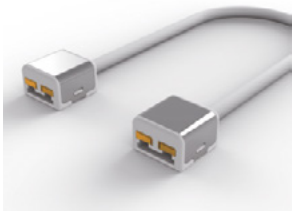
office@smart-mit-led.com www.smart-mit-led.com

Wall Washer

LED Streifen mit Linsenoptiken

Abbildung

IP20 Verbinder



IP20 Verbinder

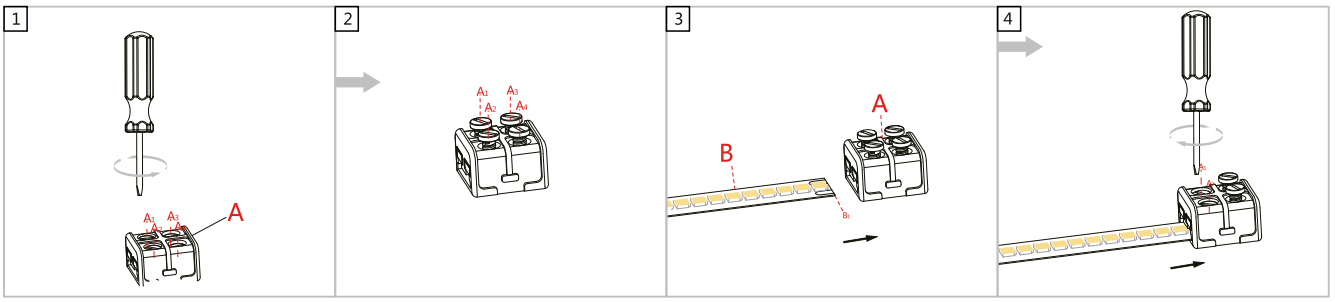
Featrues

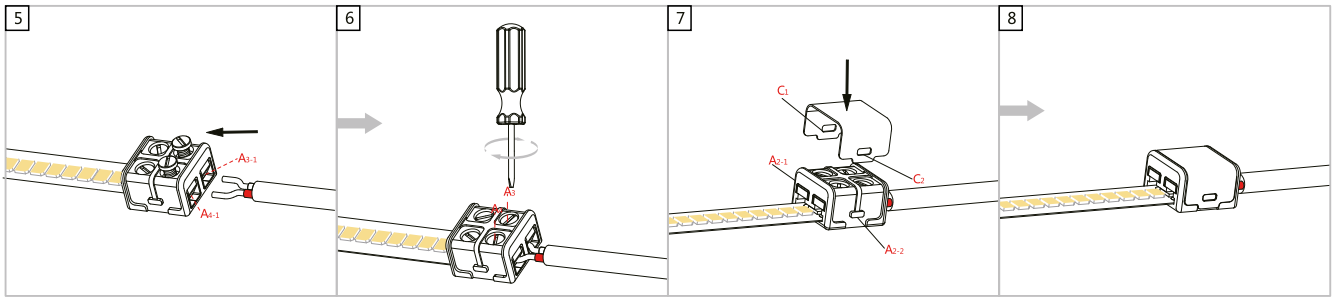
- **Bis zu 10A**.
- Einsetzbar für **10 mm**, **8 mm** FPC.
-

Technische Informationen

Spannung	IP	Strom	Abmessung	Material	Umgebungstemperatur	Fixierung
12VDC / 24VDC	IP20	10A	11mm*11.9mm*6.5mm	PC+65% Kupfer	-20°~45°	Schrauben

Installation





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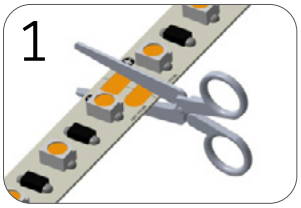
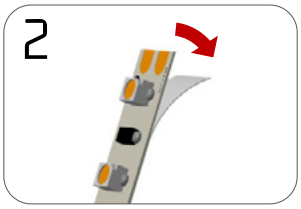
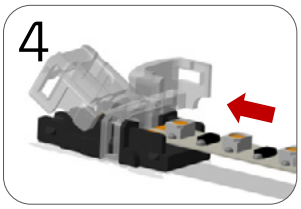
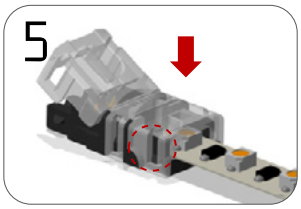
office@smart-mit-led.com www.smart-mit-led.com

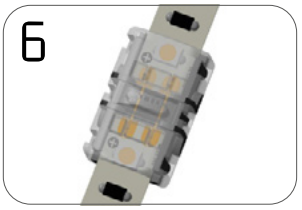
Installation Verbinder



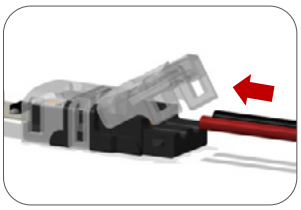


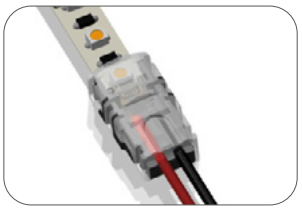


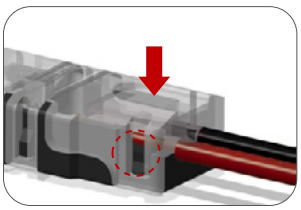




Installation Verbinder mit Kabel







Verbinder für LED Streifen

smart mit led gmbh

160105010023(5mm 2PIN)
160105010020(8mm 2PIN)
160105010002(10mm 2PIN)
160105010007(10mm 3PIN)
160105010010(10mm 4PIN)
160105010014(12mm 5PIN)

169901010006(8MM)
169901010005(10MM)
140301000024(10MM 3PIN)
169901010013(10MM 4PIN)
140301000025(10MM 5PIN)
140301000021(12MM 5PIN)
140301000028(12MM 6PIN)

130203010078(male)
140501050012(female)

160105010003(10MM 2PIN)
160105010008(10MM 3PIN)

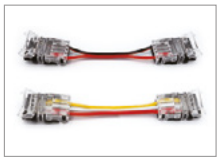
140501030139(female)
140501030150(male)

140501010002(male)
140501010012(female)

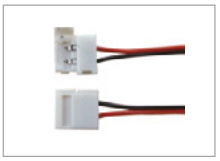
160105010056(10mm 4PIN)
160105010015(12mm 5PIN)

169901010011(10MM 4PIN)
140301000023(10MM 3PIN)
140301000026(10MM 5PIN)
140301000020(12MM 5PIN)
140301000005(12MM 6PIN)

140501010023(male)
140501010027(female)



160105010004(10MM 2PIN)
160105010009(10MM 3PIN)



169901010004(8MM)
169901010008(10MM)

140502010008(male 5PIN)
140502010009(female 5PIN)
140502010010(male 4PIN)
140502010011(female 4PIN)
130202010025(male 3PIN)
140502010039(female 3PIN)
140502010037(male 2PIN)
140301000040(female 2PIN)

160105010012(10mm 4PIN)
160105010016(12mm 5PIN)

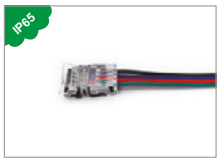
169901010007(8MM)
169901010009(10MM)
140301000027(10MM 5PIN)

140501030093(8MM)
140501030094(10MM)

160105010019(8MM 2PIN)
160105010024(10MM 2PIN)
160105010026(10MM 3PIN)
160105010028(10MM 4PIN)
160105010030(12MM 5PIN)

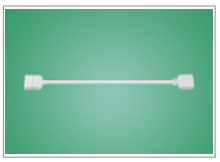
140502010013(10MM 4PIN)
140301000022(10MM 3PIN)
140301000019(12MM 5PIN)
140502090004(12MM 6PIN)

140501030041(male)
140501030040(female)



110501010058(8MM 2PIN)
160105010025(10MM 2PIN)
160105010027(10MM 3PIN)
160105010029(10MM 4PIN)
160105010031(12MM 5PIN)

140501030001(male 2PIN)
140501030148(female 2PIN)



140502070006(male)
140502070007(female)

110501010039

140501030152(male 4PIN)
140501030151(female 4PIN)

140301000030(L 2PIN 8mm)
140301000031(T 2PIN 8mm)
140301000032(+ 2PIN 8mm)
140301000033(L 2PIN 10mm)
140301000034(T 2PIN 10mm)
140301000035(+ 2PIN 10mm)
140301000036(L 4PIN 10mm)
140301000037(T 4PIN 10mm)
140301000038(+ 4PIN 10mm)

110501010040

smart mit led gmbh - Gorskistrasse 13 - 1230 Wien
Tel.+43(0)1 979 099520 Fax.+43(0)1 979 099513
office@smart-mit-led.com www.smart-mit-led.com

LED Streifen Controller

Dimmer

160102010113
12-24VDC
3A*3CH Max.9A
108W/216W(12V/24V)

W+WW Tunable White

160102010112
12-24VDC
3A*2CH Max.6A
72W/144W(12V/24V)

RGB

160102010110
12-24VDC
3A*3CH Max.9A
108W/216W(12V/24V)

RGBW

160102010107
5-24VDC
5A*4CH Max.20A
240W/480W(12V/24V)

LED Strip controller

160102010103
12-24VDC
3A*5CH Max.15A
5CH*(36-72)W

Pixel Controller

160102010105
RF remote
5-24VDC

Line Voltage RGB Controller
Mobile Controll

160102010123 Controller
20-240Vac 180-220Vdc
Max.Power 800W(220V)

LED Streifen Amplifier

Dimmer amplifier

160102010165
12-24VDC
12A*1CH Max.12A
0-144W,288W(12V/24V)

Tunable White amplifer
RGB amplifier

140100000002
5-24VDC
6A*3CH Max.18A
90W/216W/432W(5V/12V/24V)

RGB+W amplifier

160102010166
5-24VDC
5A*4CH Max.20A
100W/240W/480W(5V/12V/24V)

smart mit led gmbh

smart mit led gmbh
Gorskistrasse 13, 1230 Wien
Tel. +43 (0)1 979 0995-83
Fax. +43 (0)1 979 0995-13
office@smart-mit-led.com
www.smart-mit-led.com