

LED Tracklight CITA-30T-840-18



Light Output Ratio:	100.0%	
Luminaire Power:	40.4 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

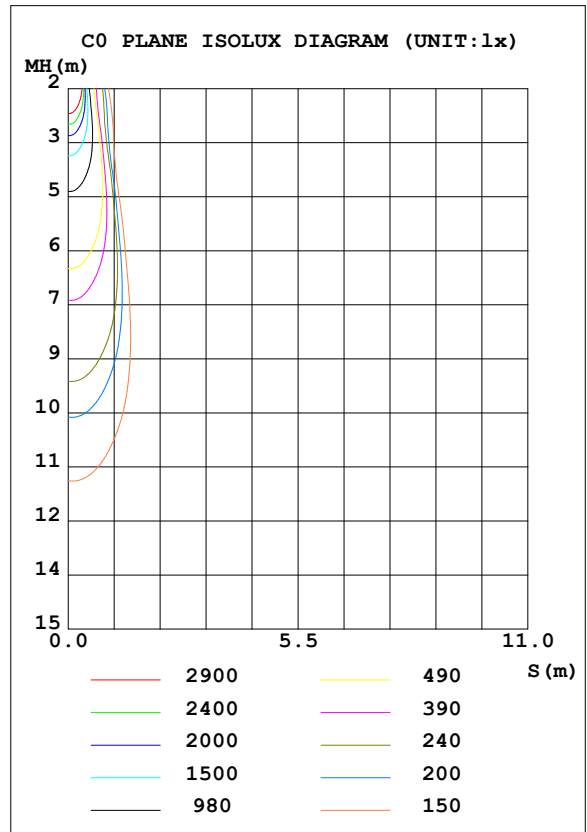
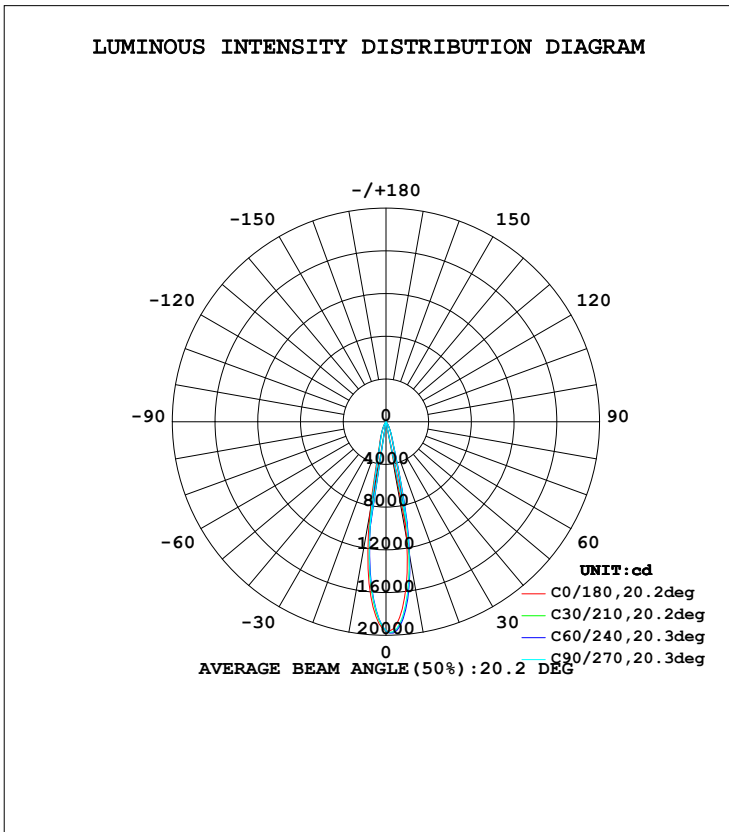
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2014-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.780m [K=1.0000]
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.3V I:0.1845A P:40.40W PF:0.9936 Lamp Flux:2984.28x1 lm		
NAME: CITA-30T-840-18	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ110mm*H300mm	
MFR.: E-LITE LIGHTING CO.,LTD		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	CITIZEN-4000K	Imax (cd)	19792	S/MH (C0/180)	0.30
NOMINAL POWER (W)	42	LOR (%)	100.0	S/MH (C90/270)	0.29
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2984.3	η UP, DN (C0-180)	0.0, 56.5
NOMINAL FLUX (lm)	2984.28	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 43.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.00



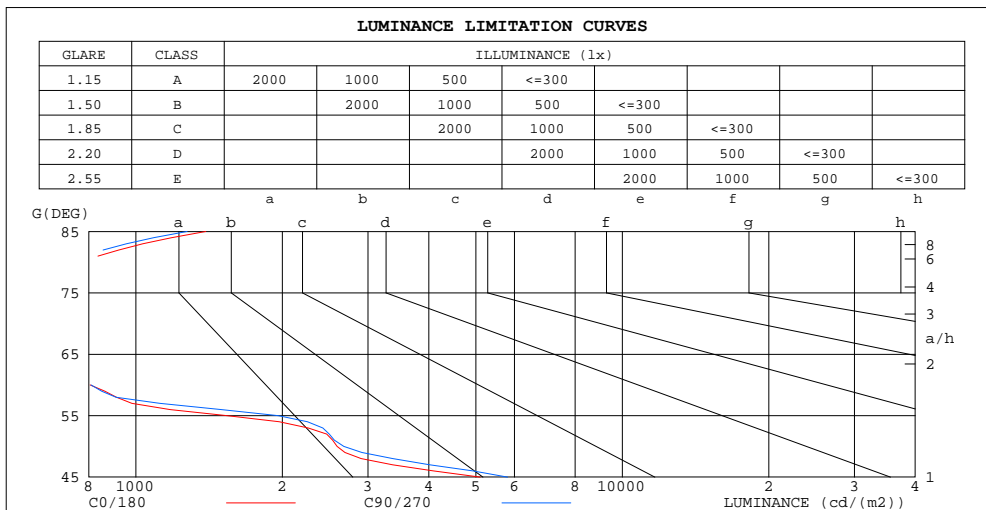
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1115	1284	1251	1082	871.0	696.9	757.9	904.3	0- 10	1395	1395	46.7,46.7
20	157.7	177.8	170.4	155.3	139.5	123.7	122.8	134.4	10- 20	1030	2425	81.3,81.3
30	49.15	56.92	53.75	48.16	41.22	33.62	33.20	38.84	20- 30	390.4	2816	94.4,94.4
40	8.250	10.13	9.631	7.967	6.215	5.191	5.417	6.333	30- 40	129.8	2946	98.7,98.7
50	1.583	1.669	1.634	1.594	1.503	1.337	1.286	1.412	40- 50	26.13	2972	99.6,99.6
60	0.3824	0.4158	0.3842	0.3682	0.3355	0.3127	0.2973	0.3511	50- 60	7.235	2979	99.8,99.8
70	0.1865	0.2108	0.1831	0.1929	0.1590	0.1683	0.1501	0.1879	60- 70	2.507	2981	99.9,99.9
80	0.1263	0.1416	0.1186	0.1399	0.1193	0.1292	0.1096	0.1373	70- 80	1.576	2983	100,100
90	0.1052	0.1113	0.0934	0.1098	0.0992	0.1040	0.0925	0.1063	80- 90	1.264	2984	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1392	1274
80	765	719
75	576	558
70	574	564
65	645	636
60	805	809
55	1540	1962
50	2593	2676
45	5104	5810

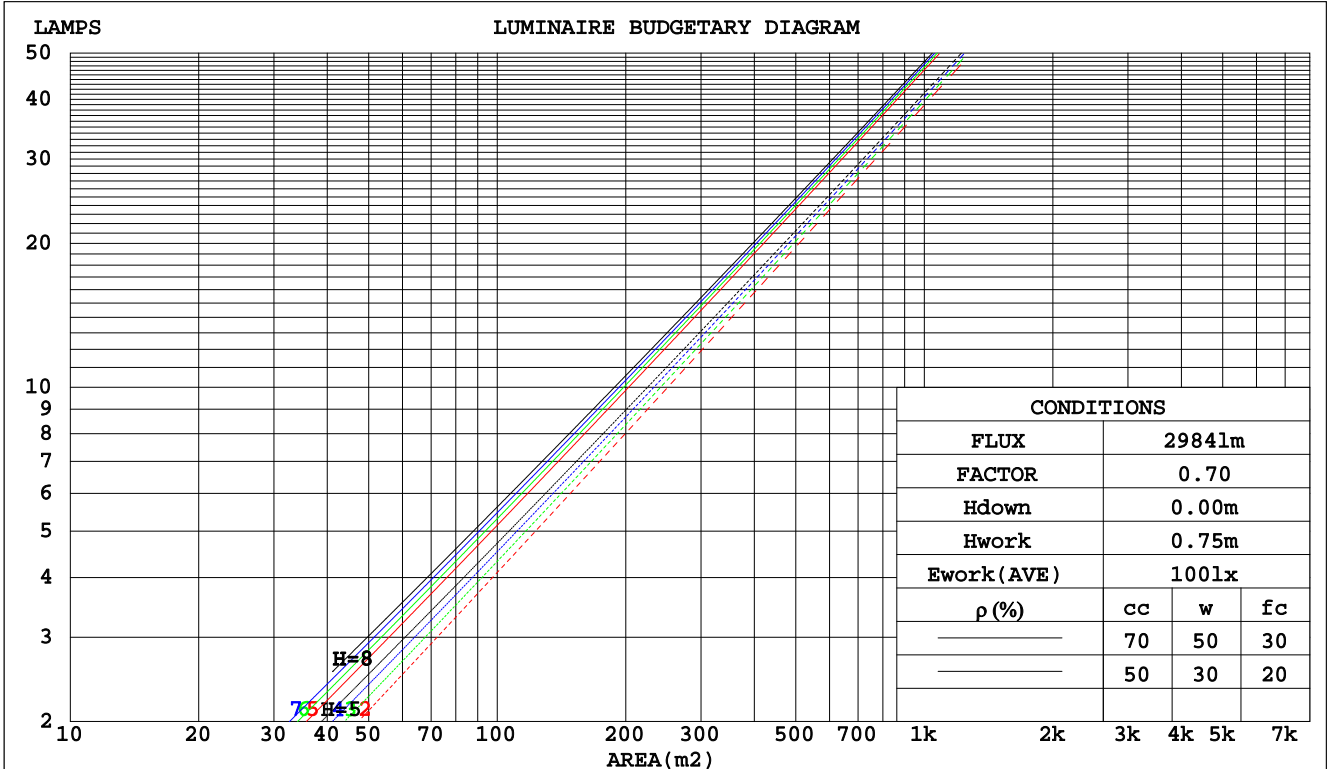
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 Humidity:53.0%
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.3V I:0.1845A P:40.40W PF:0.9936 Lamp Flux:2984.28x1 lm		
NAME: CITA-30T-840-18	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ110mm*H300mm	
MFR.: E-LITE LIGHTING CO.,LTD		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.03	1.02	1.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.07	1.04	1.02	1.04	1.02	.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.04	1.01	.98	1.03	.00	.97	1.00	.98	.96	.98	.96	.94	.96	.94	.93	.92
4.0	1.00	.97	.94	.99	.96	.93	.97	.95	.92	.96	.93	.91	.94	.92	.90	.89
5.0	.97	.93	.90	.96	.93	.90	.95	.92	.89	.93	.91	.89	.92	.90	.88	.87
6.0	.94	.90	.88	.94	.90	.87	.92	.89	.87	.91	.88	.86	.90	.88	.86	.85
7.0	.92	.88	.85	.91	.87	.85	.90	.87	.84	.89	.86	.84	.88	.85	.84	.83
8.0	.89	.85	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.86	.84	.82	.81
9.0	.87	.83	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.84	.82	.80	.79
10.0	.85	.81	.79	.85	.81	.79	.84	.81	.79	.83	.80	.78	.83	.80	.78	.77



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WEC AND CCEC

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ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.131	.074	.024	.124	.071	.022	.112	.064	.020	.100	.058	.019	.090	.052	.017	
2.0	.120	.066	.020	.115	.063	.020	.105	.058	.018	.095	.054	.017	.087	.049	.015	
3.0	.112	.059	.018	.107	.057	.017	.099	.054	.016	.091	.050	.015	.084	.046	.014	
4.0	.104	.054	.016	.100	.053	.016	.093	.050	.015	.087	.047	.014	.081	.044	.013	
5.0	.098	.050	.014	.095	.049	.014	.089	.046	.014	.083	.044	.013	.078	.042	.012	
6.0	.092	.046	.013	.089	.045	.013	.084	.043	.013	.079	.041	.012	.075	.039	.012	
7.0	.087	.043	.012	.085	.042	.012	.080	.041	.012	.076	.039	.011	.072	.038	.011	
8.0	.083	.041	.011	.081	.040	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010	
9.0	.079	.038	.011	.077	.038	.011	.074	.036	.010	.071	.035	.010	.068	.034	.010	
10.0	.075	.036	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	.065	.033	.009	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.168	.158	.149	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.149	.133	.119	.128	.114	.103	.088	.079	.072	.051	.046	.042	.016	.015	.014	
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.069	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.095	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.057	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.093	.067	.048	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.087	.060	.042	.075	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.081	.054	.036	.070	.047	.032	.048	.033	.023	.028	.020	.013	.009	.006	.004	
10.0	.076	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.009	.006	.004	

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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

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ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	10.6	11.2	10.8	11.4	11.5	11.1	11.7	11.3	11.9	12.0
3H	10.5	11.1	10.8	11.3	11.4	11.0	11.6	11.2	11.7	11.9
4H	10.5	11.0	10.7	11.2	11.4	10.9	11.5	11.2	11.7	11.9
6H	10.4	10.9	10.7	11.1	11.4	10.9	11.4	11.1	11.6	11.8
8H	10.4	10.9	10.6	11.1	11.3	10.8	11.3	11.1	11.6	11.8
12H	10.3	10.8	10.6	11.1	11.3	10.8	11.3	11.1	11.5	11.8
4H 2H	10.4	11.0	10.7	11.2	11.4	10.9	11.5	11.2	11.7	11.9
3H	10.3	10.8	10.6	11.0	11.3	10.8	11.3	11.1	11.5	11.8
4H	10.2	10.7	10.6	10.9	11.2	10.7	11.1	11.0	11.4	11.7
6H	10.1	10.5	10.5	10.9	11.2	10.6	11.0	11.0	11.3	11.7
8H	10.1	10.5	10.5	10.8	11.2	10.6	11.0	11.0	11.3	11.7
12H	10.1	10.4	10.5	10.8	11.2	10.6	10.9	11.0	11.3	11.7
8H 4H	10.1	10.4	10.5	10.8	11.1	10.6	10.9	10.9	11.3	11.6
6H	10.0	10.3	10.4	10.7	11.1	10.5	10.8	10.9	11.2	11.6
8H	10.0	10.3	10.4	10.7	11.1	10.5	10.7	10.9	11.2	11.6
12H	10.0	10.2	10.5	10.7	11.1	10.5	10.7	10.9	11.1	11.6
12H 4H	10.0	10.4	10.4	10.7	11.1	10.5	10.8	10.9	11.2	11.6
6H	10.0	10.2	10.4	10.6	11.1	10.4	10.7	10.9	11.1	11.6
8H	10.0	10.2	10.4	10.6	11.1	10.4	10.7	10.9	11.1	11.6
Variations with the observer position at spacings:										
S = 1.0H	+ 3.1 / - 7.7					+ 3.4 / - 7.8				
1.5H	+ 5.3 / - 6.2					+ 5.5 / - 6.5				
2.0H	+ 4.4 / - 3.1					+ 4.8 / - 3.2				

CIE Pub.117 Corrected 2984 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

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UTILIZATION FACTORS TABLE

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REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	91	85	82	90	85	82	90	85	81	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	109	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

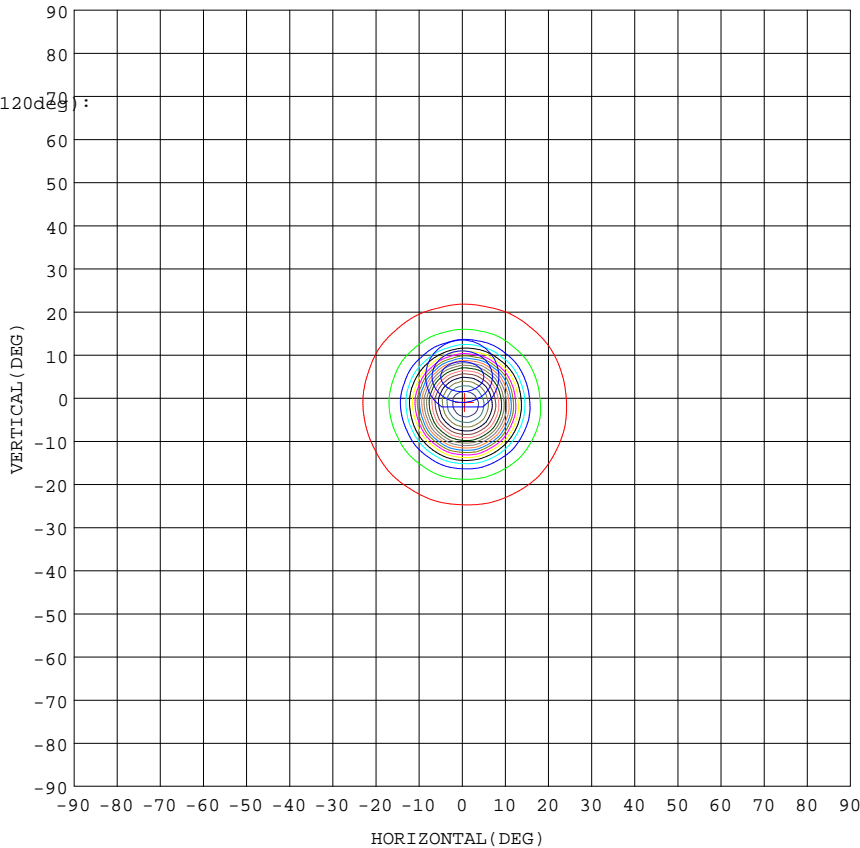
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Conical surface Flux(90deg):

2963.6 lm
%lum = 99.3%
%lamp = 99.3%

Conical surface Flux(120deg):

2978.9 lm
%lum = 99.8%
%lamp = 99.8%



- 1. AVG=14739,MIN=10161
- 2. AVG=13696,MIN=5777
- 3. AVG=12373,MIN=3057

I_{max}:19786(H0.5,V-1.0)
(At:C=60.0,Gamma=1.0)

UNIT: cd

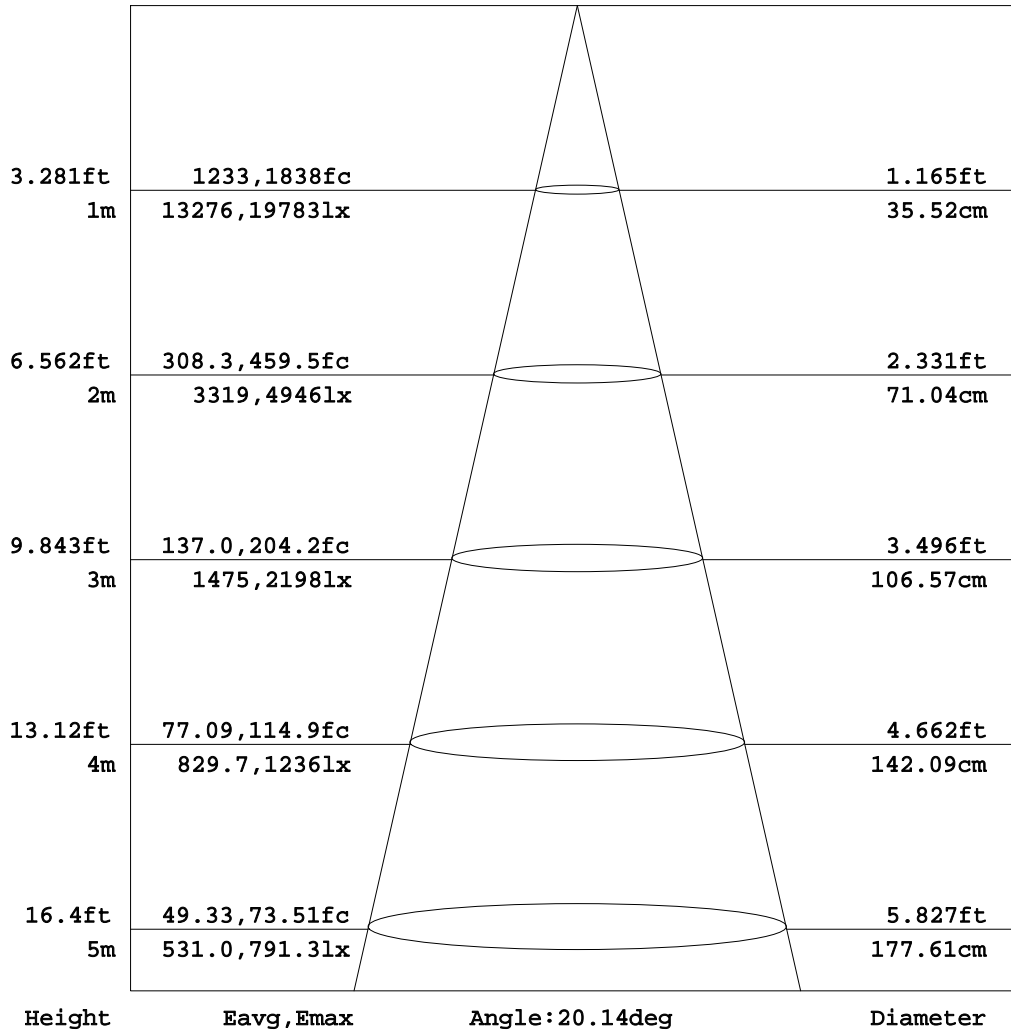
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AAI Figure

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Flux out:1576 lm



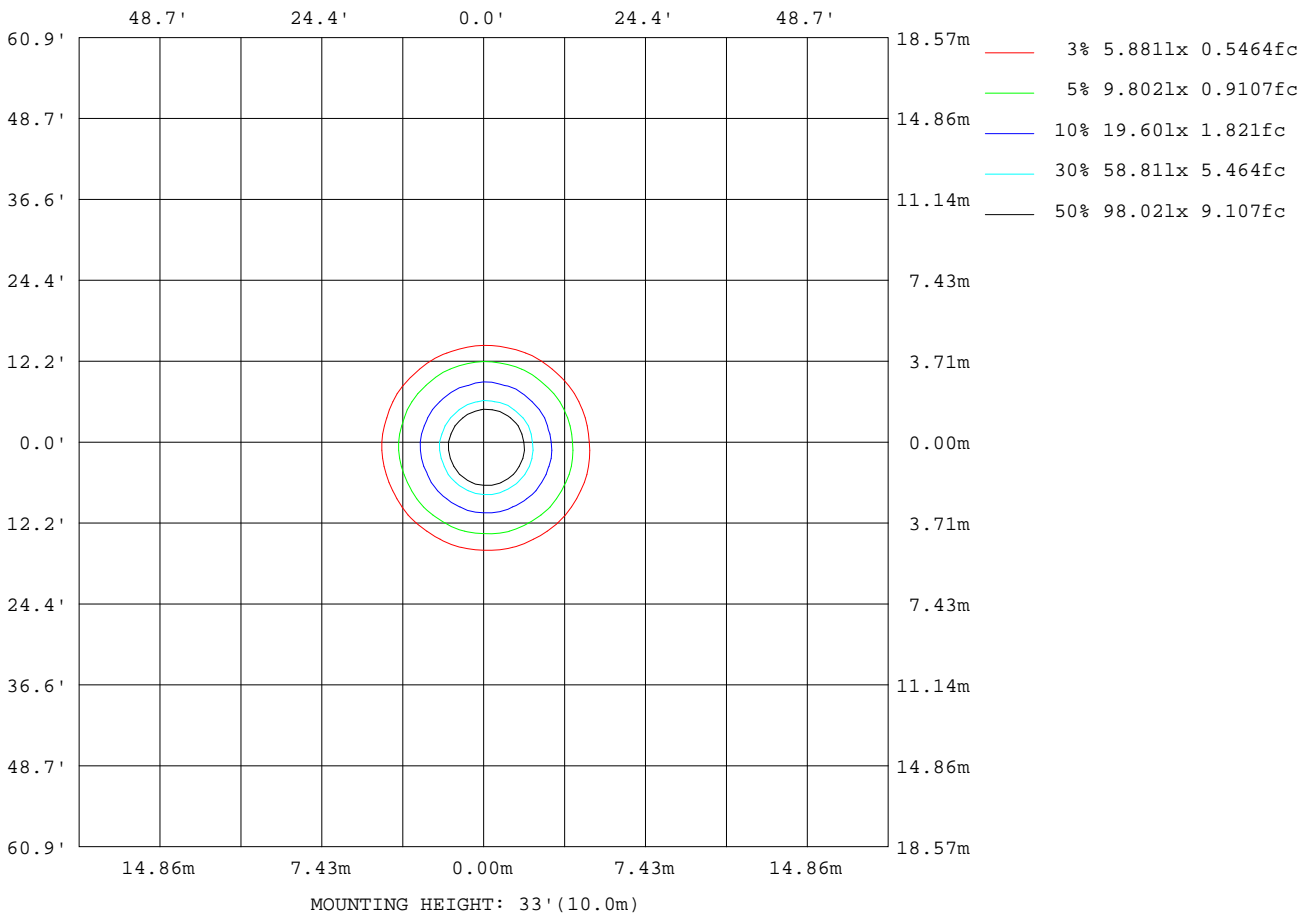
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

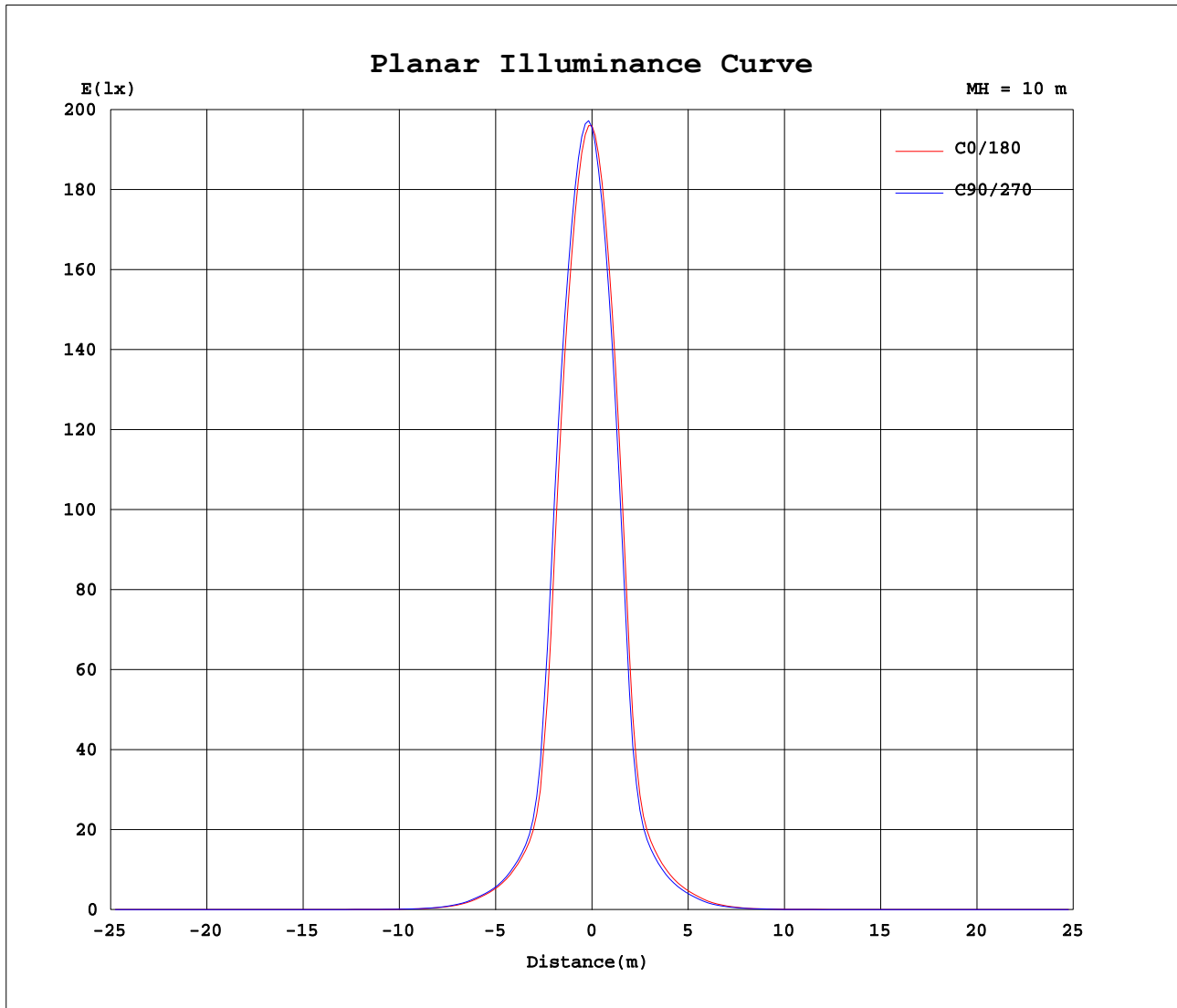
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1 UNIT: ×10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1960	1958	1960	1956	1958	1954	1956	1952	1953	1951	1951	1951	1960	1958	1960	1956	1958	1954	1956
5	1757	1804	1828	1853	1851	1849	1824	1804	1762	1731	1684	1655	1638	1597	1578	1550	1551	1544	1564
10	1115	1191	1235	1284	1285	1293	1251	1213	1140	1082	972	911	871	774	753	697	715	700	758
15	333	378	398	433	450	439	409	392	346	321	285	269	259	241	235	224	224	220	228
20	158	168	172	178	176	176	170	168	160	155	147	143	139	132	130	124	123	120	123
25	89.1	94.9	96.8	100	98.9	99.0	95.3	94.0	89.2	87.0	82.3	80.7	79.0	74.8	73.0	68.9	68.3	66.1	67.9
30	49.2	53.4	54.9	56.9	55.8	55.7	53.7	52.8	50.0	48.2	44.6	42.8	41.2	37.9	36.4	33.6	33.1	31.9	33.2
35	21.2	23.4	24.2	25.5	25.0	25.2	24.0	23.5	21.8	20.8	19.0	18.0	17.2	15.5	14.8	13.7	13.7	13.2	13.8
40	8.25	9.32	9.64	10.1	10.0	10.1	9.63	9.45	8.57	7.97	7.03	6.63	6.21	5.84	5.65	5.19	5.30	5.11	5.42
45	3.43	3.88	3.92	4.04	4.05	4.04	3.90	3.97	3.66	3.35	2.99	2.80	2.55	2.32	2.26	2.03	2.01	1.89	2.01
50	1.58	1.63	1.61	1.67	1.66	1.62	1.63	1.59	1.56	1.59	1.55	1.53	1.50	1.41	1.40	1.34	1.27	1.27	1.29
55	0.84	0.89	1.01	1.09	1.00	1.08	1.07	0.95	0.87	0.81	0.64	0.58	0.57	0.52	0.50	0.48	0.48	0.46	0.48
60	0.38	0.40	0.41	0.42	0.41	0.39	0.38	0.38	0.37	0.37	0.35	0.34	0.34	0.32	0.32	0.31	0.30	0.29	0.30
65	0.26	0.27	0.28	0.28	0.28	0.26	0.26	0.25	0.26	0.26	0.25	0.23	0.23	0.22	0.24	0.23	0.23	0.21	0.21
70	0.19	0.19	0.20	0.21	0.22	0.19	0.18	0.18	0.19	0.19	0.19	0.17	0.16	0.15	0.18	0.17	0.16	0.15	0.15
75	0.14	0.14	0.15	0.16	0.18	0.14	0.14	0.14	0.15	0.16	0.18	0.14	0.13	0.13	0.17	0.14	0.13	0.12	0.12
80	0.13	0.12	0.12	0.14	0.16	0.12	0.12	0.12	0.12	0.14	0.17	0.13	0.12	0.12	0.16	0.13	0.12	0.11	0.11
85	0.12	0.11	0.12	0.13	0.14	0.11	0.11	0.11	0.11	0.13	0.14	0.12	0.11	0.11	0.13	0.12	0.10	0.10	0.10
90	0.11	0.10	0.11	0.11	0.12	0.10	0.09	0.09	0.10	0.11	0.12	0.11	0.10	0.10	0.11	0.10	0.10	0.09	0.09

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Temperature:25.3DEG	Humidity:53.0%
Operators:Cao Chengpei	Test Distance:5.780m [K=1.0000]
Test Date:2014-11-21	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.1845A P:40.40W PF:0.9936 Lamp Flux:2984.28x1 lm		
NAME: CITA-30T-840-18	TYPE:Tracklight	SERIAL No.:
SPEC.:4000K	DIM.: φ110mm*H300mm	
MFR.: E-LITE LIGHTING CO.,LTD		

Table--2

UNIT: x10cd

C (DEG) \ γ (DEG)	285	300	315	330	345												
0	1952	1953	1951	1951	1951												
5	1576	1613	1640	1687	1722												
10	773	861	904	1008	1059												
15	232	249	260	288	307												
20	123	131	134	144	151												
25	68.7	73.3	75.5	81.4	84.9												
30	33.9	36.9	38.8	42.9	45.9												
35	14.2	15.4	16.4	18.3	19.8												
40	5.70	6.00	6.33	7.06	7.59												
45	2.15	2.34	2.54	2.92	3.16												
50	1.28	1.34	1.41	1.48	1.52												
55	0.49	0.58	0.62	0.67	0.77												
60	0.30	0.34	0.35	0.36	0.37												
65	0.22	0.25	0.26	0.26	0.25												
70	0.16	0.20	0.19	0.18	0.18												
75	0.13	0.19	0.16	0.14	0.14												
80	0.12	0.16	0.14	0.12	0.12												
85	0.11	0.14	0.12	0.11	0.11												
90	0.10	0.11	0.11	0.10	0.10												

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Cao Chengpei
 Test Date:2014-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:53.0%
 Test Distance:5.780m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	19595	19582	19600	19565	19583	19542	19556	19519	19529	19507
3.0	18996	19276	19429	19567	19571	19549	19403	19261	19010	18806
6.0	16614	17127	17413	17705	17700	17670	17389	17146	16694	16328
9.0	12803	13537	13891	14336	14335	14382	14012	13731	13023	12403
12.0	7402	8351	8753	9379	9383	9521	8985	8634	7678	7035
15.0	3325	3778	3980	4326	4503	4394	4089	3924	3465	3207
18.0	1976	2134	2203	2297	2265	2277	2193	2153	2021	1950
21.0	1414	1503	1539	1587	1577	1575	1525	1501	1424	1382
24.0	999.6	1062	1084	1127	1113	1117	1076	1061	1002	976.8
27.0	709.6	760.1	777.7	800.6	786.8	788.0	756.5	750.0	710.9	696.4
30.0	491.5	533.6	548.6	569.2	558.1	557.4	537.5	528.4	499.8	481.6
33.0	298.3	330.4	344.4	361.4	355.6	356.2	340.4	332.7	308.4	293.4
36.0	178.8	197.6	204.3	214.0	210.0	211.2	202.3	198.2	182.9	174.2
39.0	102.3	113.4	117.3	125.0	121.2	124.2	116.6	118.3	105.0	98.82
42.0	57.26	62.23	62.64	65.12	65.04	65.75	62.16	61.81	58.45	53.79
45.0	34.28	38.84	39.21	40.45	40.55	40.42	39.02	39.69	36.63	33.51
48.0	18.45	20.26	20.23	21.70	21.91	21.95	21.42	21.08	19.24	18.82
51.0	15.17	15.45	15.35	15.75	15.59	15.32	15.29	14.94	14.79	15.16
54.0	11.00	11.07	12.13	12.93	12.07	12.63	12.58	11.62	11.01	10.91
57.0	5.076	5.441	5.760	6.143	5.963	6.157	5.796	5.401	4.985	4.846
60.0	3.824	3.993	4.072	4.158	4.114	3.911	3.842	3.796	3.699	3.682
63.0	2.973	3.067	3.164	3.261	3.230	3.013	2.972	2.928	2.910	2.928
66.0	2.445	2.490	2.589	2.669	2.672	2.426	2.385	2.391	2.420	2.459
69.0	2.004	2.035	2.135	2.234	2.293	1.977	1.954	1.970	2.021	2.062
72.0	1.590	1.582	1.693	1.823	1.977	1.592	1.560	1.567	1.661	1.709
75.0	1.417	1.374	1.465	1.622	1.843	1.410	1.371	1.387	1.475	1.582
78.0	1.306	1.231	1.307	1.487	1.722	1.291	1.252	1.256	1.327	1.468
81.0	1.242	1.162	1.221	1.381	1.579	1.200	1.159	1.160	1.207	1.372
84.0	1.175	1.125	1.171	1.287	1.425	1.131	1.080	1.079	1.121	1.304
87.0	1.111	1.073	1.138	1.193	1.284	1.058	1.001	1.000	1.046	1.220
90.0	1.052	1.015	1.088	1.113	1.162	0.9940	0.9337	0.9337	0.9857	1.098
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	19508	19512	19595	19582	19600	19565	19583	19542	19556	19519
3.0	18504	18312	18245	17968	17860	17659	17657	17578	17722	17766
6.0	15794	15418	15216	14712	14506	14158	14182	14100	14379	14537
9.0	11551	10989	10587	9708	9482	8937	9085	8951	9477	9668
12.0	6039	5510	5182	4748	4389	4061	4117	4048	4375	4719
15.0	2846	2694	2593	2408	2354	2237	2241	2196	2276	2316
18.0	1842	1794	1754	1670	1638	1569	1562	1521	1551	1561
21.0	1305	1280	1252	1178	1152	1097	1089	1060	1088	1094
24.0	922.6	902.8	884.1	834.1	820.2	775.3	765.7	745.6	766.3	775.1
27.0	655.5	640.8	626.0	588.3	574.8	541.3	533.3	515.7	529.6	538.8
30.0	445.9	427.5	412.2	379.3	363.6	336.2	330.8	318.7	332.0	339.3
33.0	269.2	256.2	244.8	223.5	213.4	197.8	194.1	188.1	195.2	199.6
36.0	158.3	150.1	142.4	128.5	124.4	112.9	112.2	108.7	116.7	118.7
39.0	88.13	82.60	76.61	68.08	65.65	63.10	61.92	61.81	63.22	65.67
42.0	49.61	47.68	44.56	42.57	41.80	38.49	39.33	37.69	40.07	42.22
45.0	29.94	28.02	25.49	23.22	22.61	20.28	20.10	18.87	20.07	21.54
48.0	17.63	17.22	16.59	15.71	15.68	14.78	14.45	14.01	14.08	14.33
51.0	14.60	14.13	14.11	12.73	12.50	12.03	11.12	11.39	11.97	11.69
54.0	8.747	7.773	7.658	6.287	6.045	5.798	5.561	5.611	6.086	5.972
57.0	4.633	4.485	4.490	4.326	4.223	4.081	3.978	3.877	3.986	4.039
60.0	3.487	3.371	3.355	3.228	3.200	3.127	3.013	2.905	2.973	3.036
63.0	2.787	2.635	2.635	2.558	2.641	2.593	2.492	2.353	2.404	2.478
66.0	2.341	2.182	2.159	2.079	2.234	2.179	2.101	1.960	1.993	2.075
69.0	1.962	1.806	1.741	1.632	1.846	1.773	1.698	1.582	1.586	1.659
72.0	1.803	1.547	1.457	1.423	1.734	1.562	1.490	1.379	1.378	1.454
75.0	1.793	1.433	1.322	1.298	1.684	1.435	1.333	1.240	1.239	1.331
78.0	1.753	1.333	1.231	1.223	1.638	1.346	1.216	1.134	1.141	1.244
81.0	1.648	1.260	1.175	1.177	1.536	1.267	1.127	1.059	1.071	1.175
84.0	1.488	1.198	1.121	1.129	1.389	1.194	1.054	1.000	1.017	1.111
87.0	1.313	1.135	1.052	1.075	1.226	1.100	0.9917	0.9339	0.9543	1.034
90.0	1.165	1.079	0.9920	1.027	1.111	1.040	0.9732	0.9109	0.9254	0.9836
G/C	300.0	315.0	330.0	345.0						
0.0	19529	19507	19508	19512						
3.0	18024	18190	18508	18737						
6.0	14989	15289	15829	16218						
9.0	10464	10890	11701	12288						
12.0	5120	5458	6311	6833						
15.0	2493	2598	2885	3074						
18.0	1641	1688	1804	1883						
21.0	1162	1199	1296	1347						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2014-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.780m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

24.0	819.5	849.1	913.7	954.1
27.0	572.5	592.1	644.1	674.9
30.0	368.9	388.4	429.2	458.8
33.0	215.7	228.4	255.3	276.6
36.0	131.3	137.0	153.4	165.8
39.0	71.64	76.75	87.25	94.82
42.0	43.99	46.68	51.32	53.48
45.0	23.43	25.36	29.21	31.56
48.0	14.82	15.57	16.80	17.53
51.0	12.72	13.45	13.95	14.60
54.0	7.477	8.196	8.697	10.33
57.0	4.355	4.560	4.777	4.914
60.0	3.364	3.511	3.648	3.692
63.0	2.770	2.859	2.905	2.899
66.0	2.419	2.449	2.448	2.403
69.0	2.103	2.047	2.015	1.960
72.0	1.934	1.720	1.619	1.548
75.0	1.853	1.562	1.436	1.361
78.0	1.730	1.437	1.295	1.225
81.0	1.576	1.340	1.193	1.148
84.0	1.407	1.238	1.139	1.092
87.0	1.254	1.136	1.094	1.025
90.0	1.142	1.063	1.038	0.9525

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2014-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.780m [K=1.0000]
 Remarks: