

LED Tracklight PURE S-15W-830-25



Light Output Ratio:	100.0%	
Luminaire Power:	14.53 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

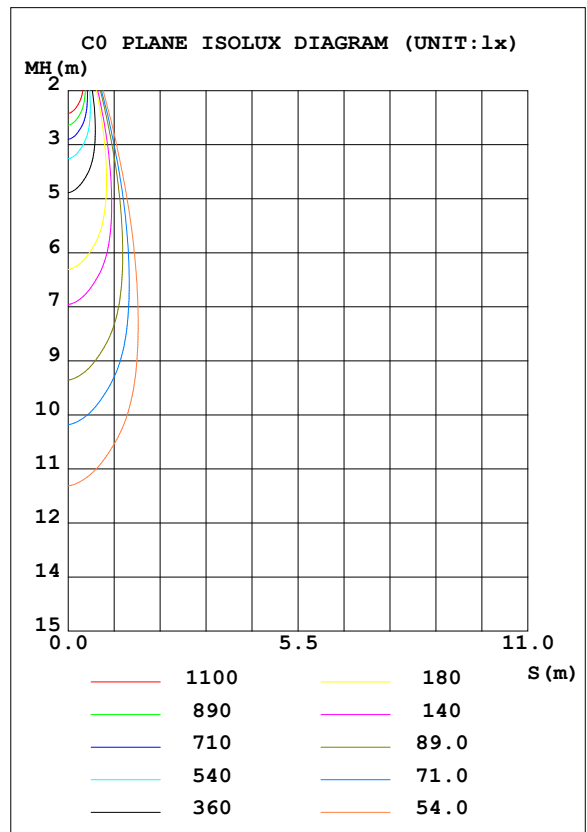
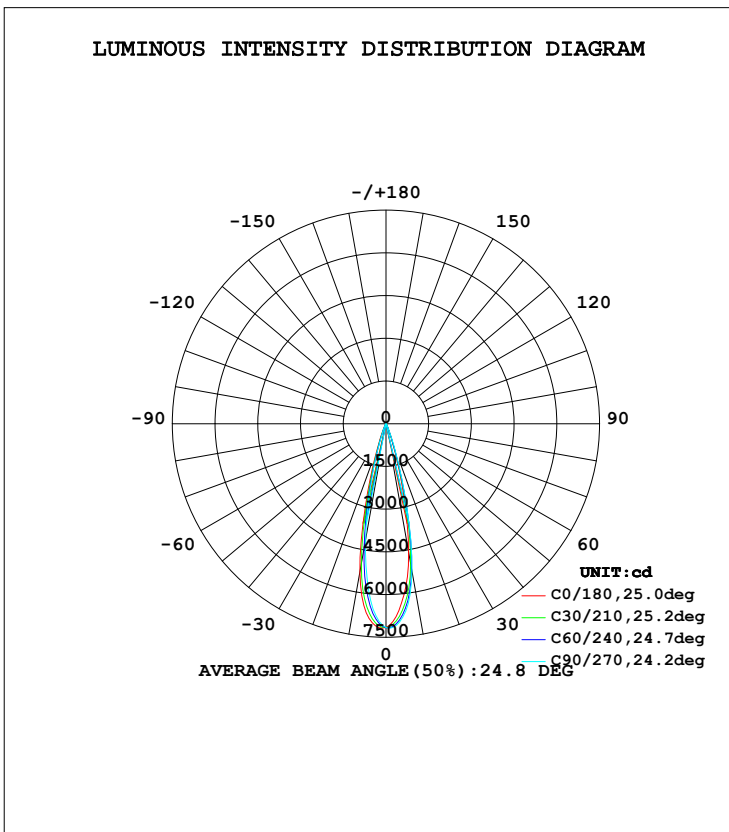
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-31

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.7V I:0.0689A P:14.53W PF:0.9552 Lamp Flux:1395.72x1 lm		
NAME: PURE S-15W-830-25	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.04 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	7190	S/MH (C0/180)	0.41
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.37
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1395.7	η UP, DN (C0-180)	0.0, 53.3
NOMINAL FLUX (lm)	1395.72	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 46.7
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



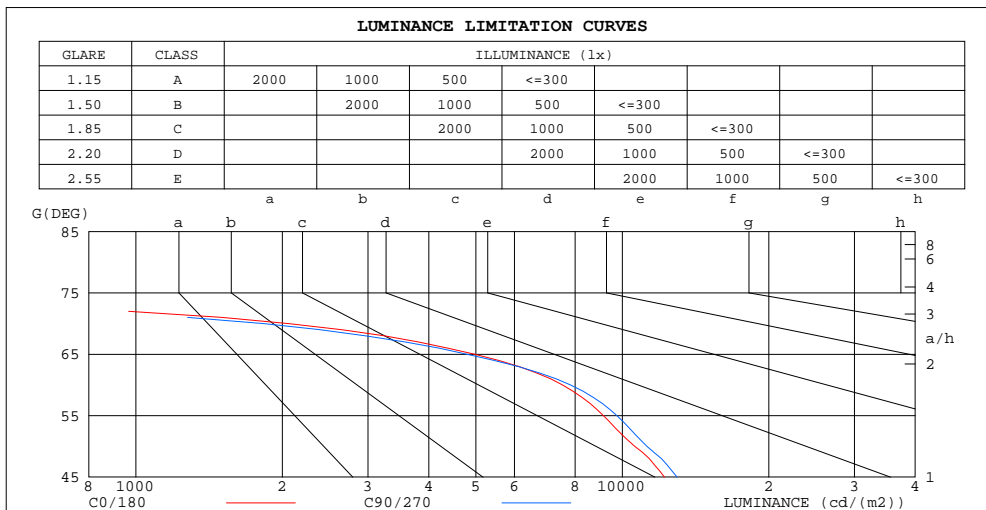
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 Remarks:

**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	4591	5185	5263	5298	5295	4651	4139	4117	0- 10	570.7	570.7	40.9,40.9
20	591.5	675.6	773.6	848.7	769.6	581.7	524.0	559.9	10- 20	620.2	1191	85.3,85.3
30	88.66	96.41	103.9	113.6	106.0	92.78	88.27	90.36	20- 30	112.7	1304	93.4,93.4
40	40.62	42.50	43.64	43.70	43.30	41.49	42.07	40.97	30- 40	38.28	1342	96.1,96.1
50	26.23	26.81	27.79	28.09	26.90	27.13	27.31	27.13	40- 50	26.23	1368	98,98
60	14.48	14.48	15.05	15.19	14.54	14.80	15.05	15.15	50- 60	18.64	1387	99.4,99.4
70	2.714	2.645	2.416	2.391	2.396	2.611	2.929	2.968	60- 70	8.187	1395	100,100
80	0.1226	0.0961	0.1138	0.0895	0.0939	0.1182	0.0982	0.1160	70- 80	0.6127	1396	100,100
90	0.0525	0.0503	0.0503	0.0503	0.0547	0.0525	0.0503	0.0503	80- 90	0.0740	1396	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:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	222	215
80	184	170
75	206	192
70	2063	1837
65	4968	4789
60	7531	7824
55	9149	9748
50	10611	11240
45	12211	12959

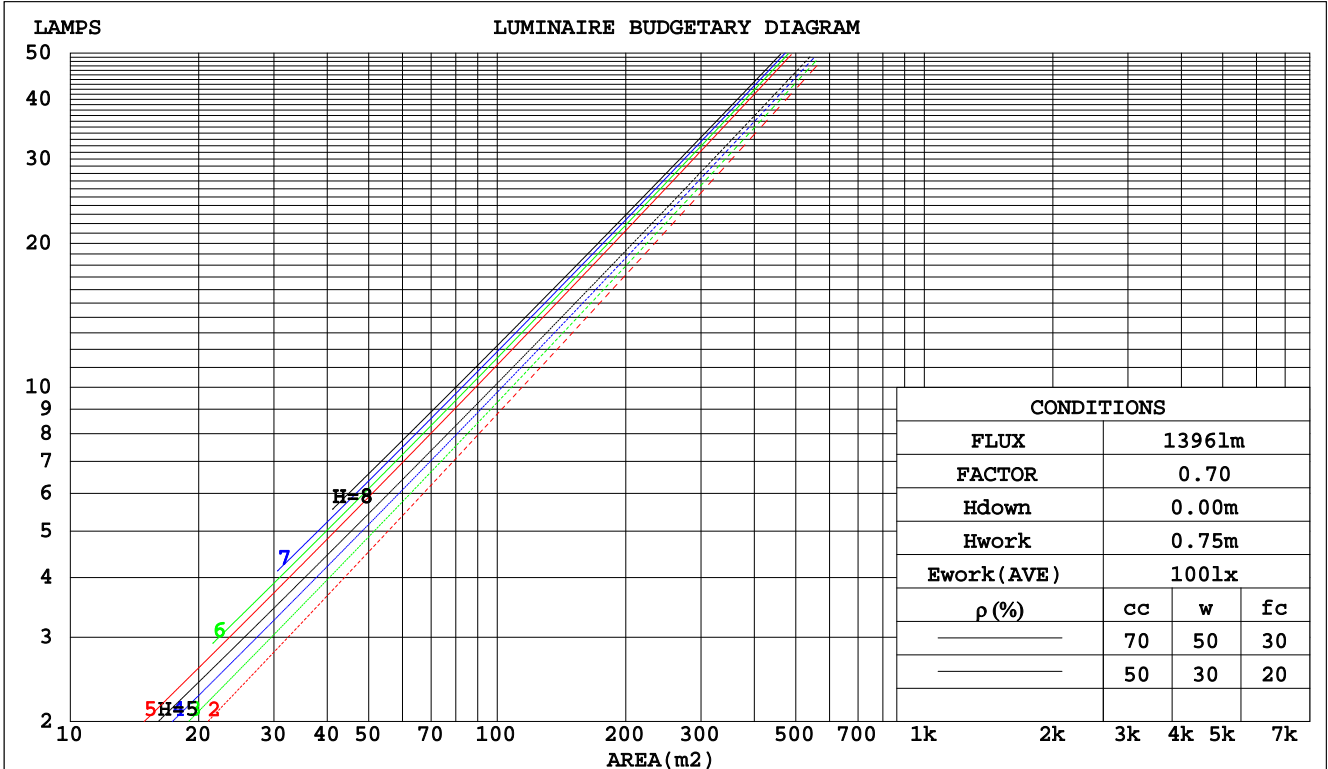
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 Operators: Meng Yongjian
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0689A P:14.53W PF:0.9552 Lamp Flux:1395.72x1 lm		
NAME: PURE S-15W-830-25	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																0
ρfc																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	.00
1.0	1.13	1.11	1.09	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.04	1.01	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94
3.0	1.03	.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.93	.95	.93	.92	.91
4.0	.99	.96	.93	.98	.95	.92	.96	.94	.91	.95	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.92	.89	.94	.90	.88	.92	.89	.87	.91	.88	.87	.86
6.0	.93	.89	.86	.92	.89	.86	.91	.88	.85	.90	.87	.85	.89	.86	.84	.83
7.0	.90	.86	.83	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.81
8.0	.88	.84	.81	.87	.84	.81	.86	.83	.81	.86	.83	.80	.85	.82	.80	.79
9.0	.86	.82	.79	.85	.81	.79	.84	.81	.79	.84	.81	.78	.83	.80	.78	.77
10.0	.83	.80	.77	.83	.79	.77	.82	.79	.77	.82	.79	.77	.81	.79	.77	.76



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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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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	.135	.077	.024	.128	.073	.023	.116	.066	.021	.105	.060	.019	.094	.055	.018	
2.0	.125	.068	.021	.120	.066	.020	.109	.061	.019	.100	.056	.018	.091	.052	.016	
3.0	.116	.062	.019	.112	.060	.018	.103	.056	.017	.095	.052	.016	.088	.049	.015	
4.0	.108	.056	.017	.105	.055	.016	.098	.052	.015	.091	.049	.015	.085	.046	.014	
5.0	.102	.052	.015	.099	.051	.015	.092	.048	.014	.087	.046	.014	.081	.044	.013	
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012	
7.0	.091	.045	.013	.088	.044	.013	.084	.042	.012	.080	.041	.012	.076	.039	.012	
8.0	.086	.042	.012	.084	.041	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011	
9.0	.082	.040	.011	.080	.039	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010	
10.0	.078	.038	.010	.077	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	

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	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.111	.085	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.095	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

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 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [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	12.2	12.9	12.4	13.0	13.2	12.5	13.1	12.7	13.2	13.4
3H	12.4	13.0	12.6	13.2	13.4	12.6	13.2	12.8	13.4	13.6
4H	12.3	12.9	12.6	13.1	13.3	12.5	13.1	12.8	13.3	13.5
6H	12.2	12.8	12.5	13.0	13.2	12.4	13.0	12.7	13.2	13.4
8H	12.2	12.7	12.5	13.0	13.2	12.4	12.9	12.7	13.1	13.4
12H	12.2	12.7	12.5	12.9	13.2	12.3	12.8	12.6	13.1	13.4
4H 2H	12.5	13.0	12.7	13.2	13.4	12.7	13.2	12.9	13.4	13.6
3H	12.6	13.1	12.9	13.4	13.6	12.8	13.3	13.1	13.5	13.8
4H	12.5	13.0	12.8	13.3	13.6	12.7	13.1	13.0	13.4	13.7
6H	12.4	12.8	12.8	13.1	13.5	12.6	13.0	12.9	13.3	13.6
8H	12.4	12.7	12.7	13.1	13.4	12.5	12.9	12.9	13.2	13.6
12H	12.3	12.6	12.7	13.0	13.4	12.5	12.8	12.9	13.2	13.6
8H 4H	12.4	12.7	12.7	13.1	13.4	12.5	12.9	12.9	13.2	13.6
6H	12.2	12.6	12.7	13.0	13.4	12.4	12.7	12.8	13.1	13.5
8H	12.2	12.5	12.6	12.9	13.3	12.3	12.6	12.8	13.0	13.5
12H	12.1	12.4	12.6	12.8	13.3	12.3	12.5	12.7	13.0	13.4
12H 4H	12.3	12.7	12.7	13.0	13.4	12.5	12.8	12.9	13.2	13.6
6H	12.2	12.5	12.6	12.9	13.3	12.3	12.6	12.8	13.0	13.5
8H	12.1	12.4	12.6	12.8	13.3	12.3	12.5	12.7	13.0	13.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.2					+ 0.8 / - 1.1				
1.5H	+ 0.4 / - 0.5					+ 0.4 / - 0.7				
2.0H	+ 1.2 / - 2.0					+ 1.2 / - 2.1				

CIE Pub.117 Corrected 1396 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.2)

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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
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 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0689A P:14.53W PF:0.9552 Lamp Flux:1395.72x1 lm		
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MFR.: NEKO LIGHTING AG		

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	89	83	79	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	95	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

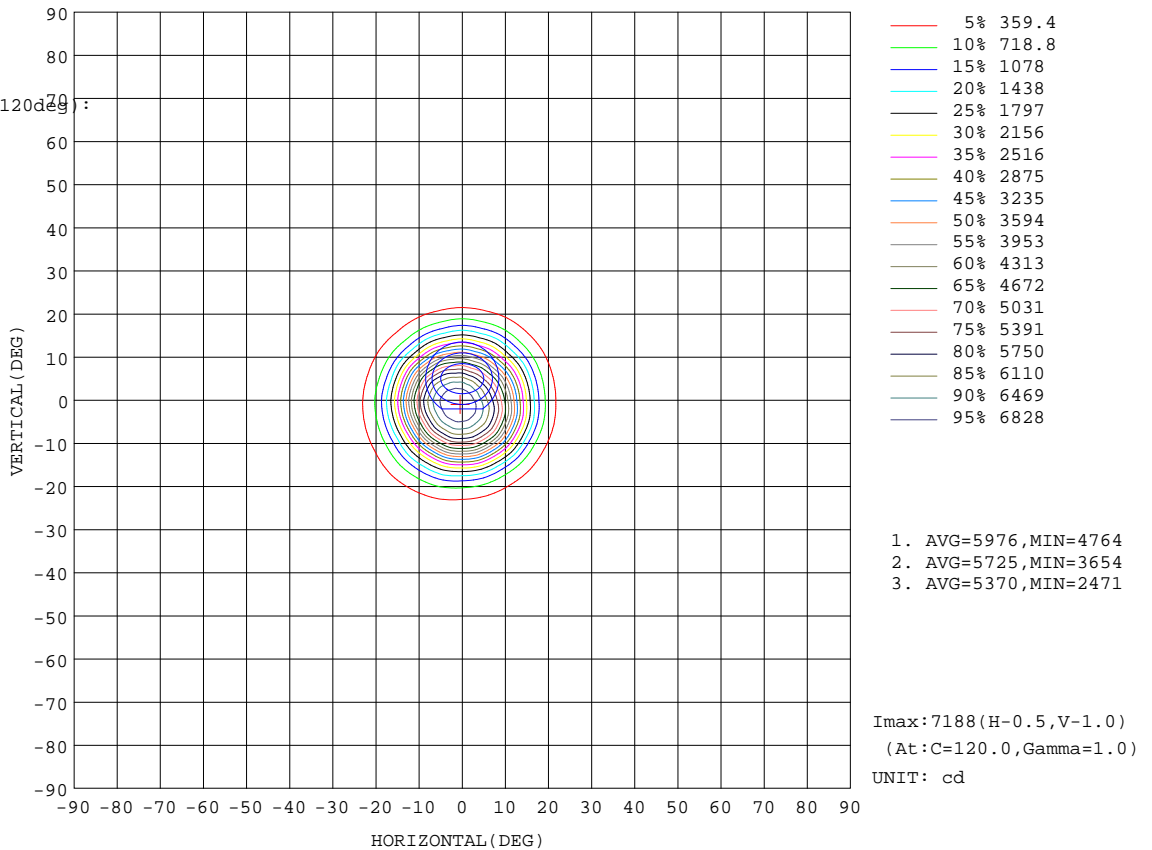
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MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1355.9 lm
%lum = 97.1%
%lamp = 97.1%

Conical surface Flux(120deg):

1386.8 lm
%lum = 99.4%
%lamp = 99.4%



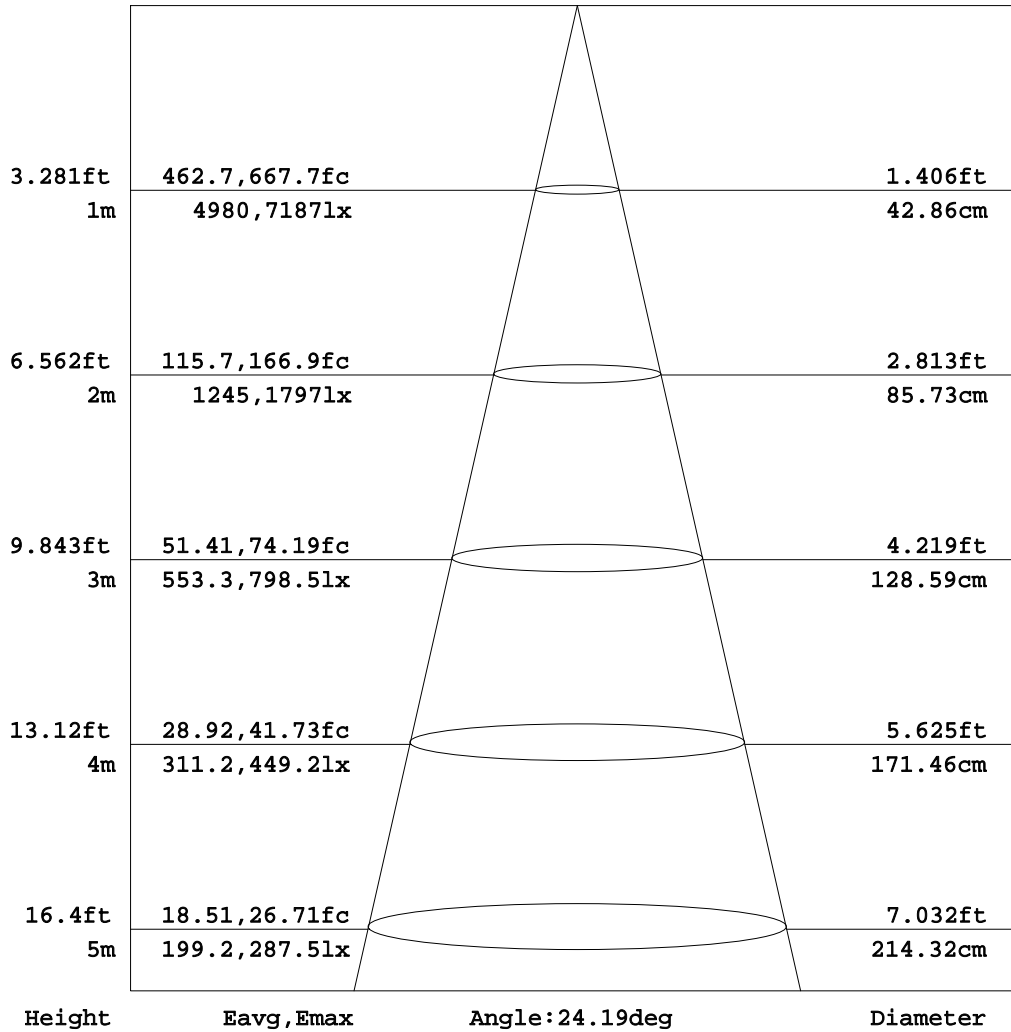
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AAI Figure

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Flux out:833.9 lm



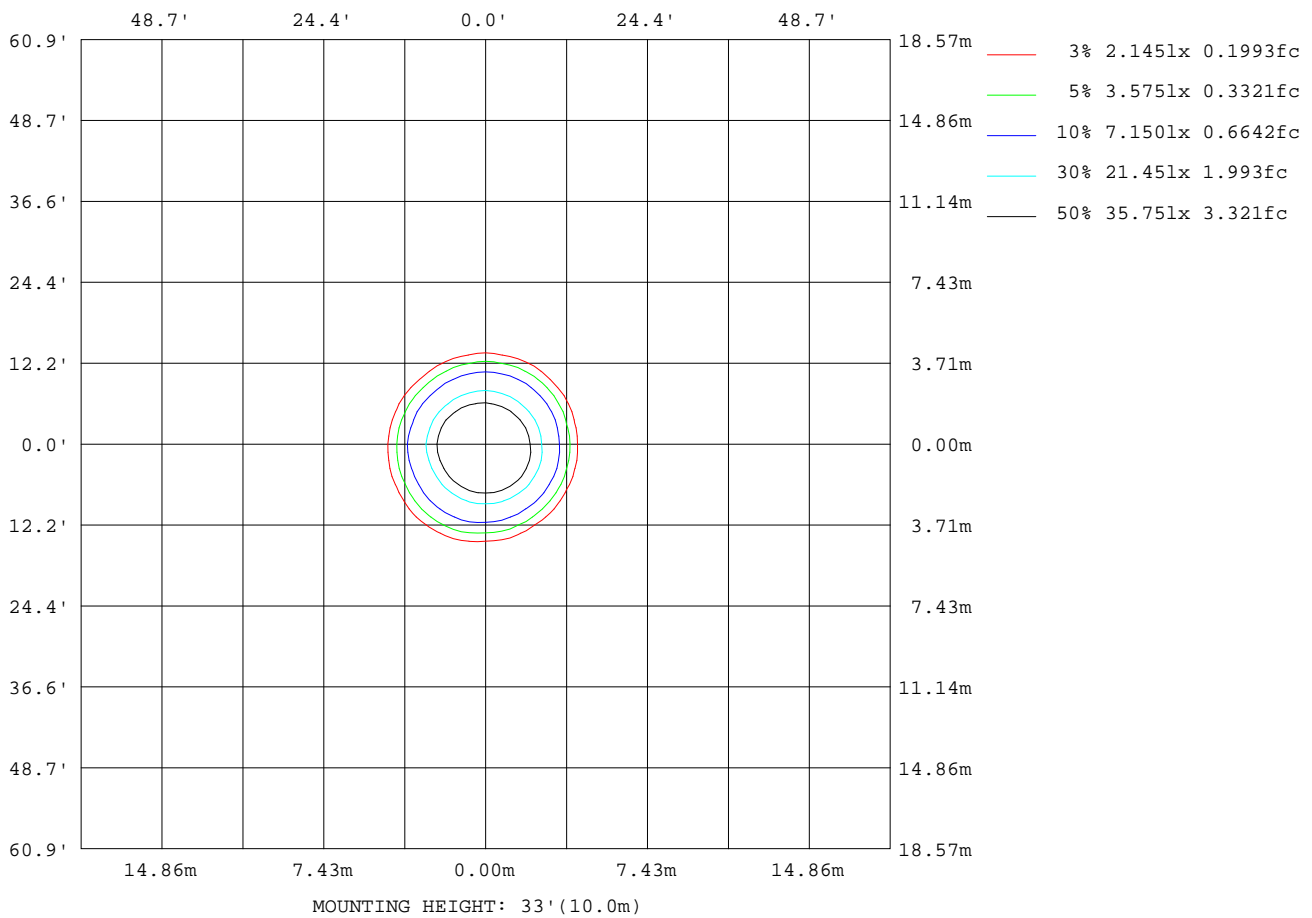
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

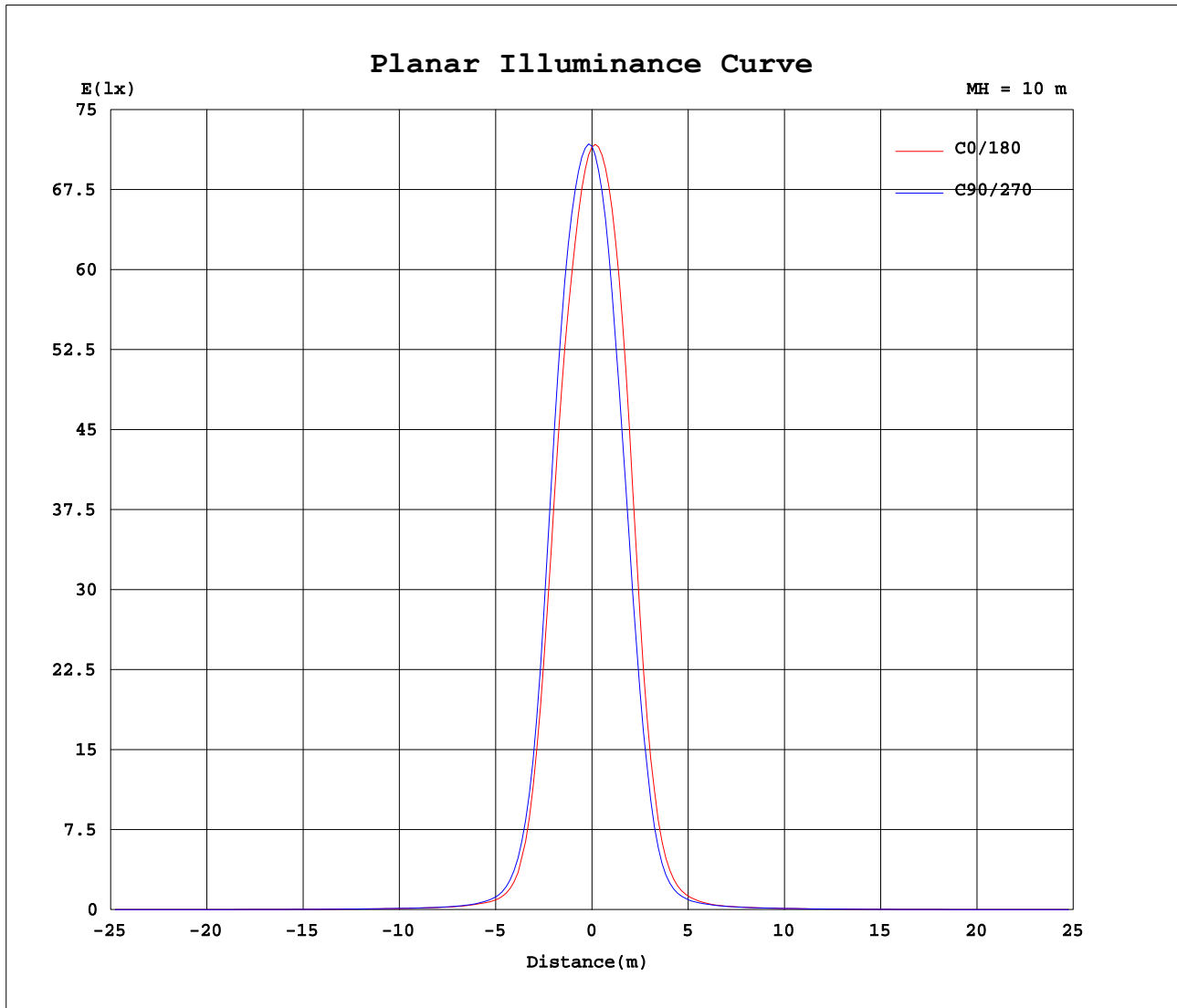
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0689A P:14.53W PF:0.9552 Lamp Flux:1395.72x1 lm		
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Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7150	7157	7155	7154	7158	7154	7157	7148	7153	7142	7147	7136	7150	7157	7155	7154	7158	7154	7157
5	6316	6480	6578	6685	6731	6803	6816	6861	6854	6882	6852	6861	6862	6771	6685	6523	6422	6273	6225
10	4591	4863	4999	5185	5199	5286	5263	5347	5278	5298	5223	5273	5295	5108	4989	4651	4459	4196	4139
15	2097	2302	2356	2496	2472	2553	2502	2585	2498	2507	2410	2460	2498	2328	2228	1994	1934	1821	1850
20	592	615	623	676	689	745	774	852	854	849	788	776	770	690	644	582	543	532	524
25	167	175	179	189	196	215	226	252	263	270	250	244	237	217	206	183	177	169	167
30	88.7	91.4	94.8	96.4	98.9	104	104	109	112	114	107	106	106	103	98.6	92.8	91.6	89.6	88.3
35	55.1	57.1	57.5	58.8	59.3	60.9	60.3	61.5	61.8	61.2	58.5	58.4	59.6	59.1	57.6	55.9	56.3	56.8	56.8
40	40.6	41.8	41.8	42.5	42.6	42.9	43.6	44.0	44.0	43.7	41.2	41.3	43.3	42.8	42.2	41.5	41.1	41.3	42.1
45	33.2	33.5	33.9	34.4	34.0	33.9	35.2	35.2	35.4	35.4	33.2	33.2	34.7	34.2	34.1	33.8	33.0	33.2	34.3
50	26.2	26.6	26.3	26.8	26.9	27.0	27.8	28.4	28.4	28.1	26.1	25.9	26.9	26.9	27.3	27.1	27.0	26.9	27.3
55	20.2	20.5	20.0	20.4	20.9	21.1	21.5	22.3	22.3	21.9	20.6	20.1	20.6	20.6	21.1	21.0	21.3	20.9	20.9
60	14.5	14.5	14.2	14.5	14.7	15.0	15.0	15.5	15.3	15.2	14.6	14.3	14.5	14.4	14.8	14.8	15.2	15.0	15.1
65	8.08	8.05	7.76	7.86	7.80	7.95	7.78	7.91	7.76	7.74	7.55	7.41	7.66	7.61	8.00	8.04	8.40	8.35	8.51
70	2.71	2.75	2.60	2.65	2.53	2.56	2.42	2.49	2.36	2.39	2.31	2.28	2.40	2.37	2.58	2.61	2.81	2.81	2.93
75	0.20	0.19	0.20	0.18	0.19	0.18	0.19	0.17	0.19	0.17	0.20	0.18	0.18	0.19	0.18	0.20	0.19	0.22	0.20
80	0.12	0.09	0.12	0.10	0.11	0.09	0.11	0.09	0.11	0.09	0.11	0.10	0.09	0.12	0.10	0.12	0.10	0.12	0.10
85	0.07	0.05	0.07	0.05	0.07	0.05	0.07	0.05	0.07	0.05	0.07	0.05	0.06	0.08	0.05	0.07	0.05	0.07	0.05
90	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0689A P:14.53W PF:0.9552 Lamp Flux:1395.72x1 lm		
NAME: PURE S-15W-830-25	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	7148	7153	7142	7147	7136														
5	6110	6114	6073	6157	6205														
10	4032	4114	4117	4311	4428														
15	1792	1864	1848	1968	2022														
20	530	540	560	563	583														
25	165	174	173	176	170														
30	89.3	91.6	90.4	90.4	89.0														
35	56.5	57.1	55.7	55.0	53.8														
40	41.6	41.8	41.0	40.0	39.6														
45	34.0	34.2	33.9	32.4	32.2														
50	27.3	27.5	27.1	26.0	25.6														
55	21.1	21.3	21.1	20.3	19.8														
60	15.1	15.4	15.2	15.0	14.6														
65	8.46	8.73	8.58	8.70	8.42														
70	2.91	3.04	2.97	3.01	2.89														
75	0.21	0.19	0.21	0.19	0.20														
80	0.12	0.10	0.12	0.10	0.12														
85	0.07	0.05	0.07	0.05	0.07														
90	0.05	0.05	0.05	0.05	0.05														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [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	7150	7157	7155	7154	7158	7154	7157	7148	7153	7142
3.0	6784	6881	6934	7004	7030	7076	7083	7113	7113	7125
6.0	6046	6237	6350	6470	6518	6604	6625	6678	6653	6684
9.0	5034	5301	5431	5604	5614	5707	5693	5780	5708	5742
12.0	3576	3850	3969	4166	4171	4264	4223	4306	4209	4236
15.0	2097	2302	2356	2496	2472	2553	2502	2585	2498	2507
18.0	1007	1105	1120	1201	1192	1294	1270	1395	1348	1368
21.0	427.1	460.4	489.8	508.9	544.3	572.1	595.4	666.6	673.4	671.4
24.0	204.3	215.7	219.7	235.6	244.1	268.4	282.7	316.9	328.7	335.2
27.0	120.7	128.9	129.1	137.6	138.3	149.3	155.2	169.7	178.1	184.3
30.0	88.66	91.39	94.83	96.41	98.89	103.7	103.9	109.3	112.1	113.6
33.0	65.86	67.66	68.89	69.97	70.94	73.05	72.37	73.79	73.88	74.07
36.0	51.44	53.17	53.60	54.72	55.19	56.36	56.05	56.97	56.70	56.45
39.0	42.88	44.20	44.33	45.12	45.29	45.69	46.23	46.67	46.57	46.22
42.0	37.09	37.83	38.12	38.62	38.50	38.55	39.76	39.89	40.05	39.96
45.0	33.21	33.48	33.89	34.37	33.98	33.94	35.25	35.22	35.38	35.38
48.0	29.24	29.49	29.56	30.06	29.91	29.96	30.98	31.24	31.22	31.11
51.0	24.84	25.18	24.84	25.33	25.58	25.75	26.40	27.10	27.11	26.78
54.0	21.28	21.62	21.14	21.60	22.03	22.28	22.72	23.53	23.49	23.09
57.0	17.98	18.16	17.73	18.09	18.57	18.80	19.05	19.77	19.67	19.31
60.0	14.48	14.54	14.17	14.48	14.75	15.01	15.05	15.51	15.35	15.19
63.0	10.72	10.70	10.40	10.57	10.60	10.78	10.67	10.93	10.73	10.69
66.0	6.844	6.811	6.560	6.662	6.597	6.740	6.569	6.690	6.534	6.548
69.0	3.656	3.668	3.486	3.528	3.406	3.462	3.299	3.388	3.240	3.266
72.0	1.148	1.219	1.119	1.134	1.021	1.027	0.8836	0.9526	0.8420	0.8746
75.0	0.2047	0.1856	0.1959	0.1791	0.1936	0.1769	0.1912	0.1747	0.1888	0.1725
78.0	0.1467	0.1245	0.1445	0.1158	0.1379	0.1179	0.1400	0.1158	0.1357	0.1158
81.0	0.1116	0.0852	0.1051	0.0808	0.0986	0.0786	0.1029	0.0786	0.1007	0.0765
84.0	0.0788	0.0611	0.0788	0.0546	0.0744	0.0546	0.0766	0.0546	0.0722	0.0590
87.0	0.0613	0.0525	0.0612	0.0503	0.0591	0.0481	0.0612	0.0503	0.0591	0.0503
90.0	0.0525	0.0525	0.0503	0.0503	0.0481	0.0481	0.0503	0.0503	0.0503	0.0503
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	7147	7136	7150	7157	7155	7154	7158	7154	7157	7148
3.0	7109	7103	7103	7049	7005	6917	6867	6784	6761	6698
6.0	6646	6667	6670	6562	6462	6267	6122	5930	5868	5737
9.0	5677	5724	5733	5577	5463	5155	4945	4674	4601	4489
12.0	4136	4186	4202	4004	3868	3546	3391	3181	3162	3071
15.0	2410	2460	2498	2328	2228	1994	1934	1821	1850	1792
18.0	1258	1295	1305	1159	1089	962.0	932.8	878.3	905.3	879.8
21.0	619.4	608.8	596.5	551.6	494.7	431.3	419.6	395.4	402.5	392.6
24.0	309.2	301.2	291.4	264.1	249.6	220.3	213.2	203.0	202.0	198.6
27.0	170.7	168.9	165.7	155.5	148.5	134.0	132.3	124.1	121.6	122.2
30.0	107.4	105.8	106.0	102.9	98.60	92.78	91.64	89.57	88.27	89.28
33.0	71.57	70.93	71.65	70.75	68.55	66.22	66.76	67.12	66.74	66.77
36.0	53.87	53.79	55.37	54.85	53.66	52.21	52.48	52.92	53.11	52.79
39.0	43.69	43.80	45.82	45.33	44.56	43.73	43.51	43.82	44.43	43.93
42.0	37.41	37.51	39.36	38.80	38.47	37.88	37.08	37.35	38.23	37.90
45.0	33.21	33.16	34.73	34.20	34.13	33.77	32.95	33.16	34.33	34.04
48.0	29.14	29.00	30.29	30.08	30.17	29.90	29.58	29.60	30.33	30.21
51.0	24.91	24.60	25.43	25.49	25.91	25.81	25.80	25.56	25.81	25.88
54.0	21.62	21.18	21.74	21.81	22.27	22.21	22.39	22.09	22.06	22.24
57.0	18.37	17.95	18.24	18.26	18.67	18.59	18.95	18.68	18.65	18.79
60.0	14.60	14.35	14.54	14.44	14.84	14.80	15.20	15.03	15.05	15.10
63.0	10.36	10.20	10.45	10.39	10.76	10.79	11.15	11.07	11.17	11.16
66.0	6.352	6.266	6.471	6.434	6.753	6.832	7.120	7.078	7.212	7.165
69.0	3.176	3.150	3.278	3.237	3.482	3.528	3.761	3.751	3.879	3.863
72.0	0.8460	0.8357	0.9645	0.9227	1.056	1.024	1.195	1.197	1.317	1.291
75.0	0.1975	0.1812	0.1812	0.1932	0.1833	0.2020	0.1942	0.2154	0.1964	0.2090
78.0	0.1401	0.1180	0.1245	0.1422	0.1223	0.1422	0.1288	0.1488	0.1266	0.1444
81.0	0.1029	0.0830	0.0830	0.1051	0.0830	0.1094	0.0873	0.1094	0.0851	0.1051
84.0	0.0744	0.0633	0.0590	0.0810	0.0611	0.0788	0.0590	0.0809	0.0611	0.0766
87.0	0.0635	0.0481	0.0547	0.0678	0.0503	0.0634	0.0481	0.0613	0.0503	0.0591
90.0	0.0525	0.0481	0.0547	0.0525	0.0503	0.0525	0.0481	0.0503	0.0503	0.0525
G/C	300.0	315.0	330.0	345.0						
0.0	7153	7142	7147	7136						
3.0	6699	6667	6708	6723						
6.0	5749	5733	5840	5912						
9.0	4561	4573	4744	4870						
12.0	3145	3150	3328	3444						
15.0	1864	1848	1968	2022						
18.0	930.2	923.6	974.3	983.4						
21.0	416.3	414.4	430.7	425.4						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-31

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

Photometric Data Table [cd]

24.0	210.6	209.0	214.0	208.1
27.0	130.1	126.2	130.0	122.9
30.0	91.56	90.36	90.36	88.99
33.0	67.53	66.10	65.58	65.38
36.0	53.29	52.01	51.17	50.11
39.0	44.22	43.28	42.32	41.75
42.0	38.06	37.48	36.22	36.02
45.0	34.17	33.89	32.38	32.16
48.0	30.31	30.04	28.78	28.43
51.0	26.09	25.76	24.65	24.25
54.0	22.46	22.23	21.28	20.88
57.0	19.02	18.76	18.24	17.83
60.0	15.36	15.15	14.97	14.62
63.0	11.44	11.27	11.31	11.02
66.0	7.417	7.299	7.393	7.148
69.0	4.038	3.957	4.027	3.870
72.0	1.389	1.296	1.350	1.249
75.0	0.1942	0.2090	0.1877	0.1981
78.0	0.1245	0.1444	0.1244	0.1379
81.0	0.0830	0.1050	0.0829	0.1072
84.0	0.0589	0.0766	0.0632	0.0766
87.0	0.0503	0.0591	0.0503	0.0613
90.0	0.0503	0.0503	0.0503	0.0503

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-31

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks: