

LED Tracklight PURE S-15W-830-15



Light Output Ratio:	100.0%	
Luminaire Power:	14.52 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

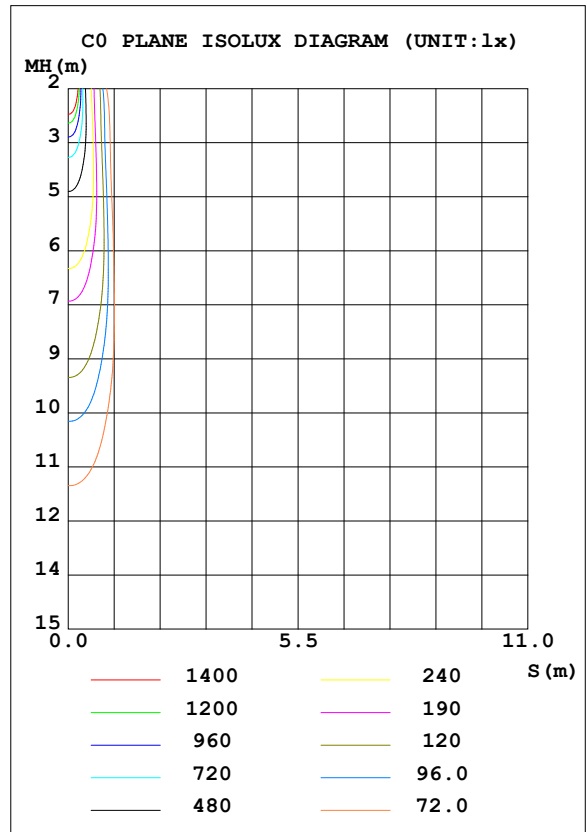
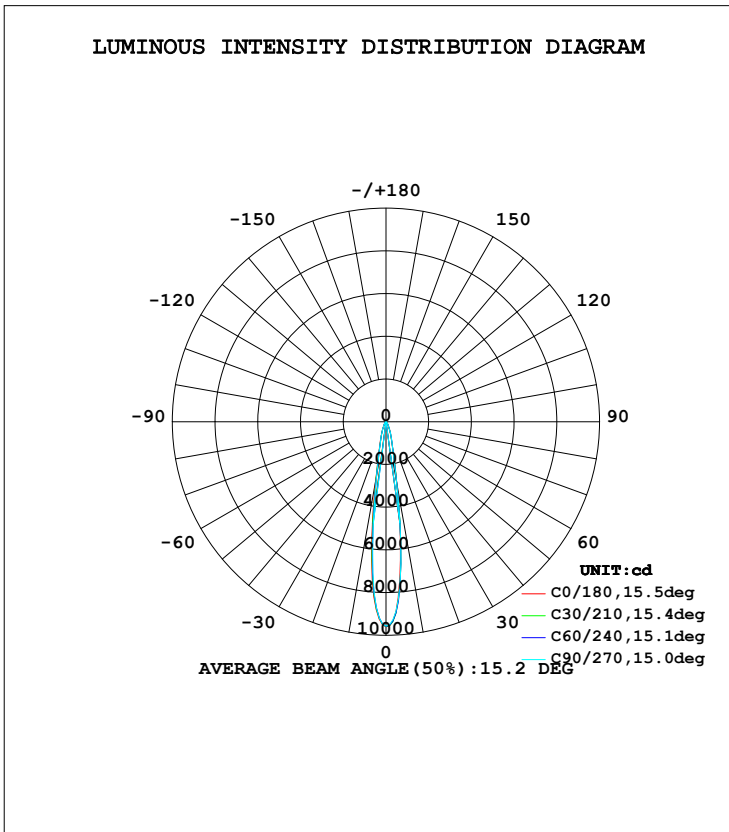
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-31

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:220.6V I:0.0689A P:14.52W PF:0.9552 Lamp Flux:1258.1x1 lm		
NAME: PURE S-15W-830-15	TYPE:Tracklight	SERIAL No.:
SPEC.:3000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.66 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	9603	S/MH (C0/180)	0.26
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.25
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1258.1	η UP, DN (C0-180)	0.0, 51.7
NOMINAL FLUX (lm)	1258.1	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 48.3
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



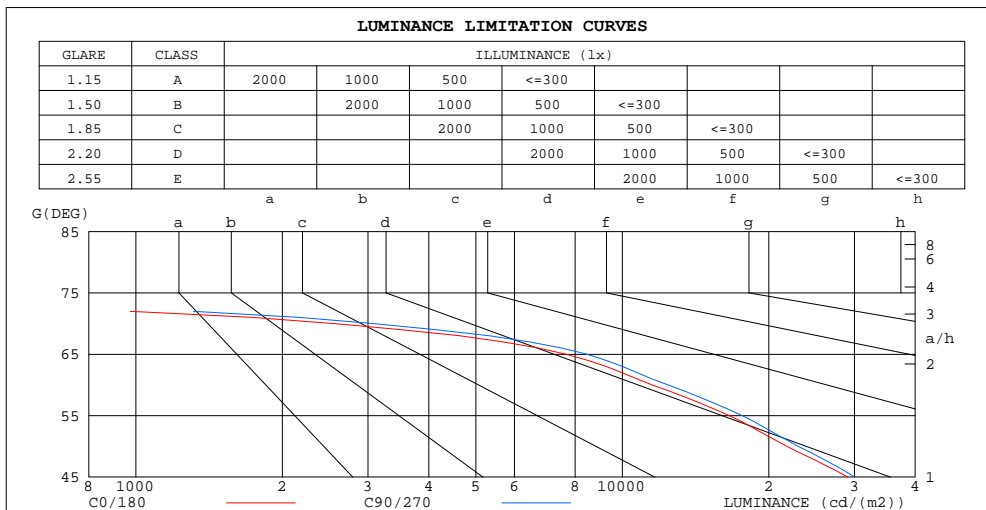
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2902	3010	2855	2851	2788	2486	2502	2647	0- 10	539.7	539.7	42.9,42.9
20	639.7	678.6	676.9	647.6	628.9	595.3	603.8	614.7	10- 20	341.2	880.9	70,70
30	223.0	232.7	228.4	224.1	219.9	209.9	209.8	213.1	20- 30	173.6	1054	83.8,83.8
40	107.2	110.6	109.6	108.2	107.0	104.3	104.2	104.8	30- 40	94.84	1149	91.4,91.4
50	53.93	56.76	56.88	56.63	55.89	53.98	53.71	53.08	40- 50	61.30	1211	96.2,96.2
60	22.15	23.71	23.89	23.95	23.66	22.53	22.41	21.88	50- 60	33.76	1244	98.9,98.9
70	3.374	3.983	4.058	4.145	4.016	3.491	3.335	3.184	60- 70	12.81	1257	99.9,99.9
80	0.1904	0.1660	0.1882	0.1703	0.1747	0.1707	0.1419	0.1554	70- 80	0.8331	1258	100,100
90	0.0700	0.0590	0.0590	0.0547	0.0700	0.0547	0.0503	0.0503	80- 90	0.1058	1258	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	333	320
80	285	282
75	353	357
70	2564	3084
65	7659	8451
60	11518	12421
55	16604	17647
50	21813	23005
45	29089	30016

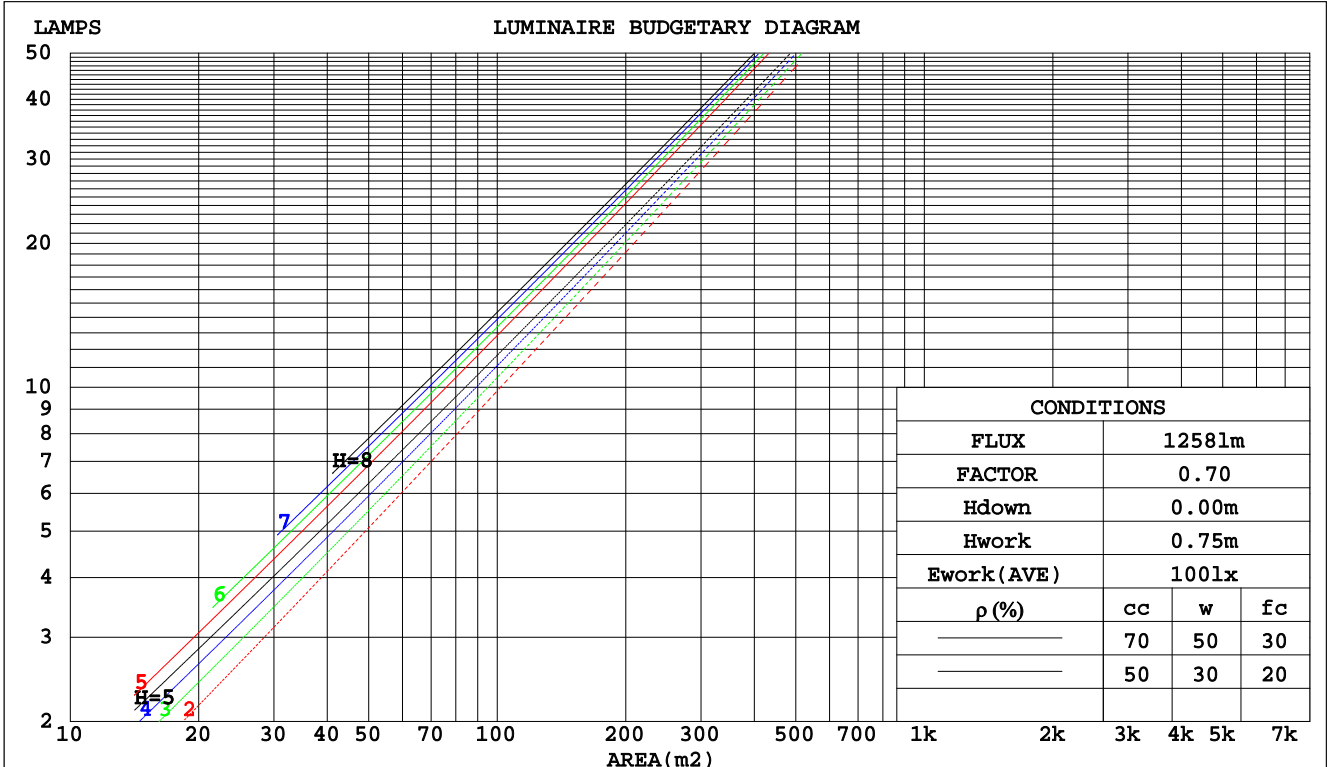
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:3000K	DIM.: φ70mm*H138mm	
MFR.: NEKO LIGHTING AG		

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															
	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	1.12	1.10	1.09	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.81
6.0	.89	.85	.82	.89	.84	.81	.87	.84	.81	.86	.83	.80	.85	.82	.80	.79
7.0	.86	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.77	.76
8.0	.84	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
10.0	.79	.75	.72	.79	.74	.72	.78	.74	.72	.77	.74	.71	.77	.73	.71	.70



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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	.147	.083	.026	.140	.080	.025	.128	.073	.023	.116	.067	.022	.106	.061	.020	
2.0	.138	.076	.023	.133	.073	.022	.122	.068	.021	.113	.063	.020	.104	.059	.019	
3.0	.129	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017	
4.0	.121	.063	.019	.117	.061	.018	.110	.058	.017	.103	.055	.017	.097	.053	.016	
5.0	.114	.058	.017	.111	.057	.017	.104	.054	.016	.099	.052	.015	.093	.050	.015	
6.0	.107	.054	.015	.105	.053	.015	.099	.051	.015	.094	.049	.014	.089	.047	.014	
7.0	.102	.050	.014	.099	.049	.014	.094	.048	.014	.090	.046	.013	.086	.045	.013	
8.0	.096	.047	.013	.094	.046	.013	.090	.045	.013	.086	.044	.013	.082	.042	.012	
9.0	.091	.044	.012	.090	.044	.012	.086	.042	.012	.082	.041	.012	.079	.040	.012	
10.0	.087	.042	.012	.085	.041	.012	.082	.040	.011	.079	.039	.011	.076	.038	.011	

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.039	.031	.023	.013	.010	.008	
6.0	.106	.076	.054	.091	.066	.047	.063	.046	.034	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.041	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.056	.035	.074	.048	.030	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.044	.027	.049	.031	.019	.028	.018	.011	.009	.006	.004	

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 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	17.7	18.4	17.9	18.6	18.7	17.9	18.6	18.1	18.8	18.9
3H	17.7	18.4	18.0	18.6	18.8	18.0	18.6	18.2	18.8	19.0
4H	17.6	18.3	17.9	18.5	18.7	17.9	18.5	18.1	18.7	18.9
6H	17.6	18.2	17.8	18.4	18.6	17.8	18.4	18.1	18.6	18.9
8H	17.5	18.1	17.8	18.3	18.6	17.8	18.3	18.0	18.6	18.8
12H	17.5	18.0	17.8	18.3	18.6	17.7	18.3	18.0	18.5	18.8
4H 2H	17.8	18.4	18.0	18.6	18.8	18.0	18.6	18.2	18.8	19.0
3H	17.8	18.3	18.1	18.6	18.9	18.0	18.6	18.3	18.8	19.1
4H	17.7	18.2	18.0	18.5	18.8	17.9	18.4	18.2	18.7	19.0
6H	17.6	18.0	17.9	18.4	18.7	17.8	18.3	18.2	18.6	18.9
8H	17.5	17.9	17.9	18.3	18.7	17.7	18.2	18.1	18.5	18.9
12H	17.5	17.9	17.9	18.2	18.6	17.7	18.1	18.1	18.4	18.8
8H 4H	17.5	18.0	17.9	18.3	18.7	17.8	18.2	18.1	18.5	18.9
6H	17.4	17.8	17.8	18.2	18.6	17.6	18.0	18.1	18.4	18.8
8H	17.4	17.7	17.8	18.1	18.5	17.6	17.9	18.0	18.3	18.7
12H	17.3	17.6	17.8	18.0	18.5	17.5	17.8	18.0	18.2	18.7
12H 4H	17.5	17.9	17.9	18.2	18.6	17.7	18.1	18.1	18.5	18.8
6H	17.4	17.7	17.8	18.1	18.5	17.6	17.9	18.0	18.3	18.7
8H	17.3	17.6	17.8	18.0	18.5	17.5	17.8	18.0	18.2	18.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 2.4					+ 1.3 / - 2.3				
1.5H	+ 1.2 / - 1.2					+ 1.2 / - 1.2				
2.0H	+ 2.7 / - 3.0					+ 2.7 / - 3.0				

CIE Pub.117 Corrected 1258 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

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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	86	79	76	85	79	75	85	79	75	72
0.80	94	88	84	93	87	84	92	87	83	79
1.00	98	93	89	98	92	89	96	92	88	84
1.25	103	97	94	101	97	93	100	95	92	88
1.50	105	100	97	104	100	97	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

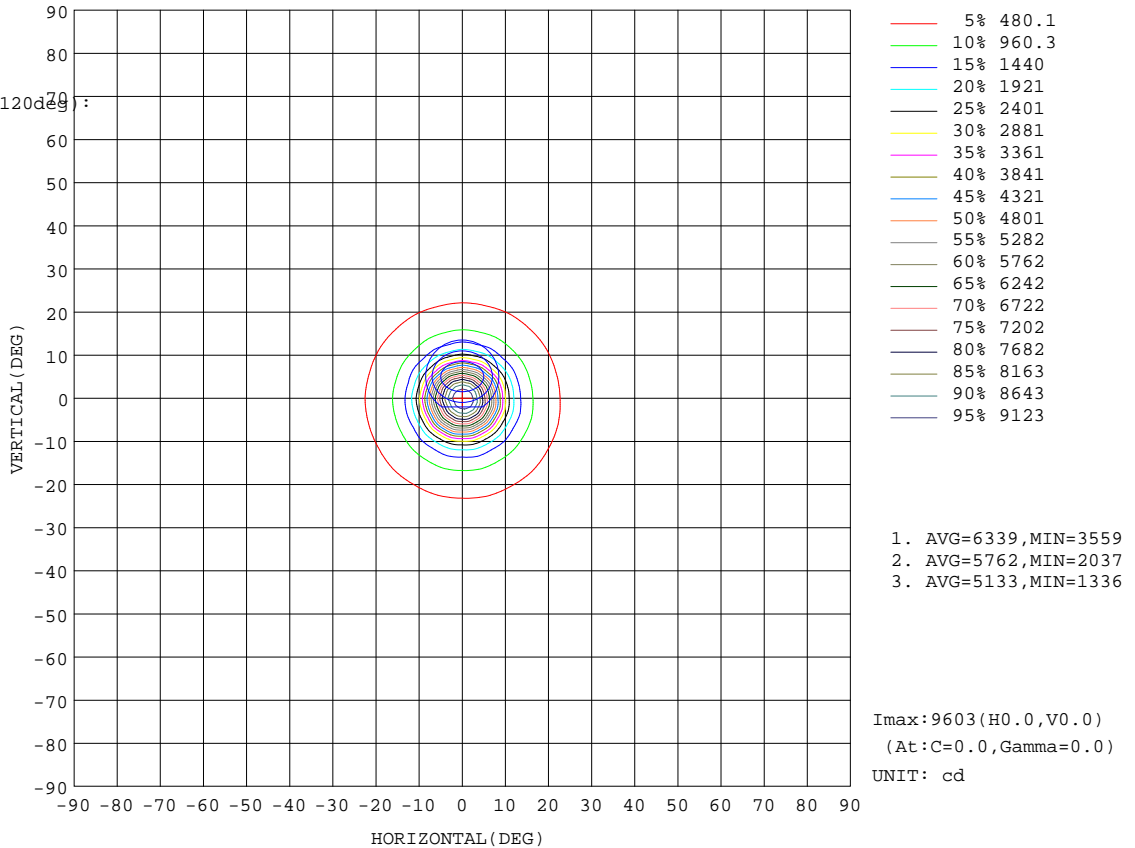
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Conical surface Flux(90deg):

1183.6 lm
%lum = 94.1%
%lamp = 94.1%

Conical surface Flux(120deg):

1244.3 lm
%lum = 98.9%
%lamp = 98.9%

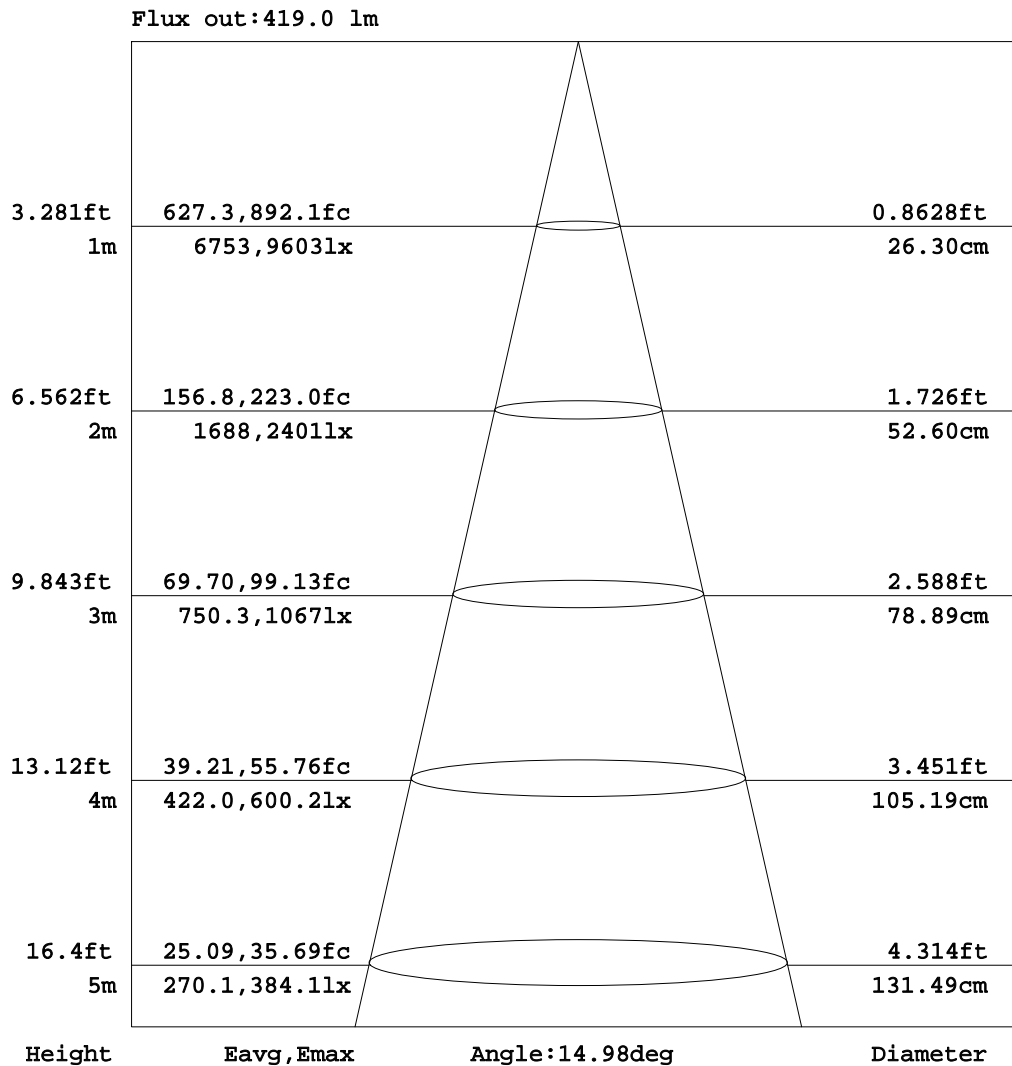


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AAI Figure

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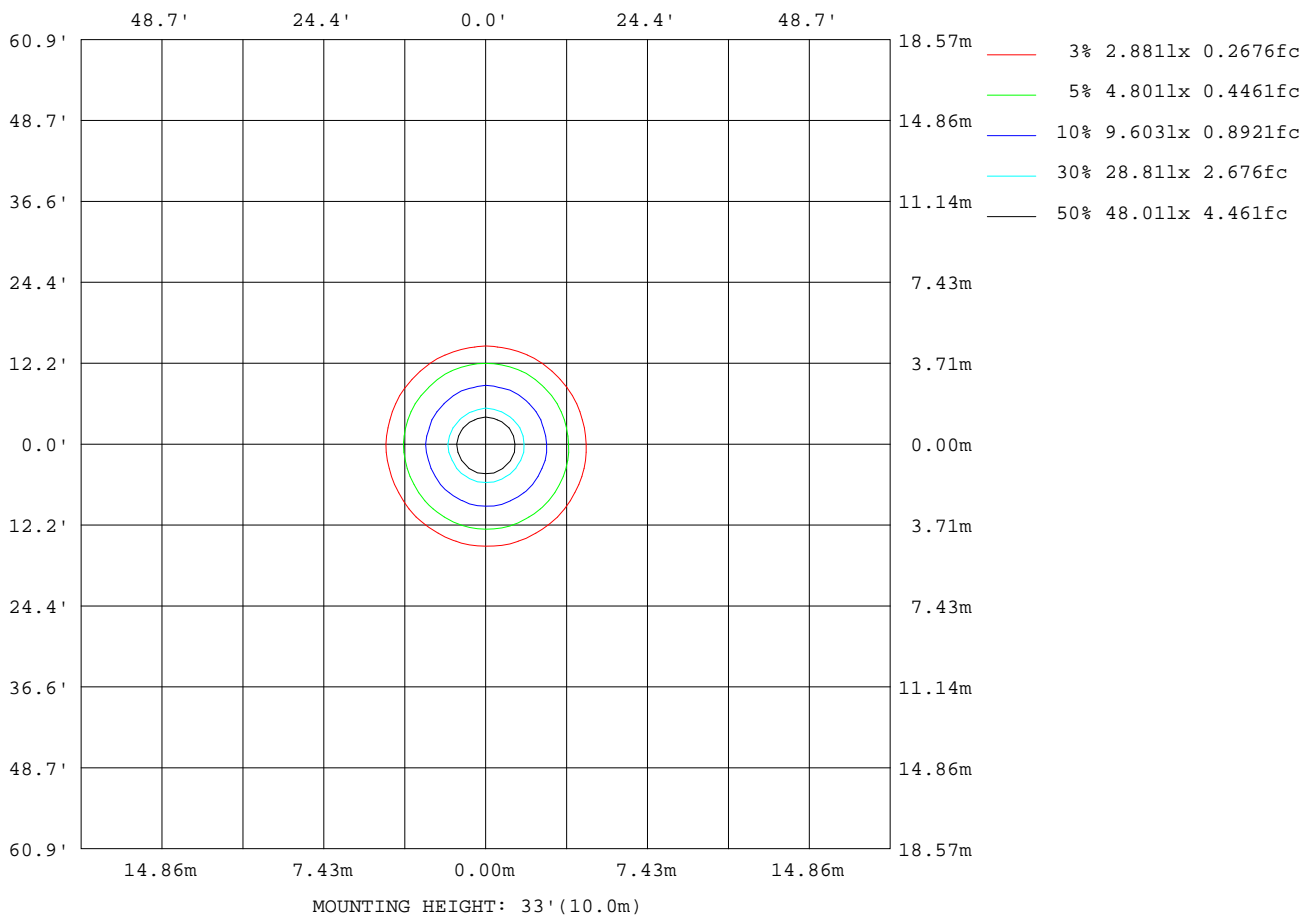
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

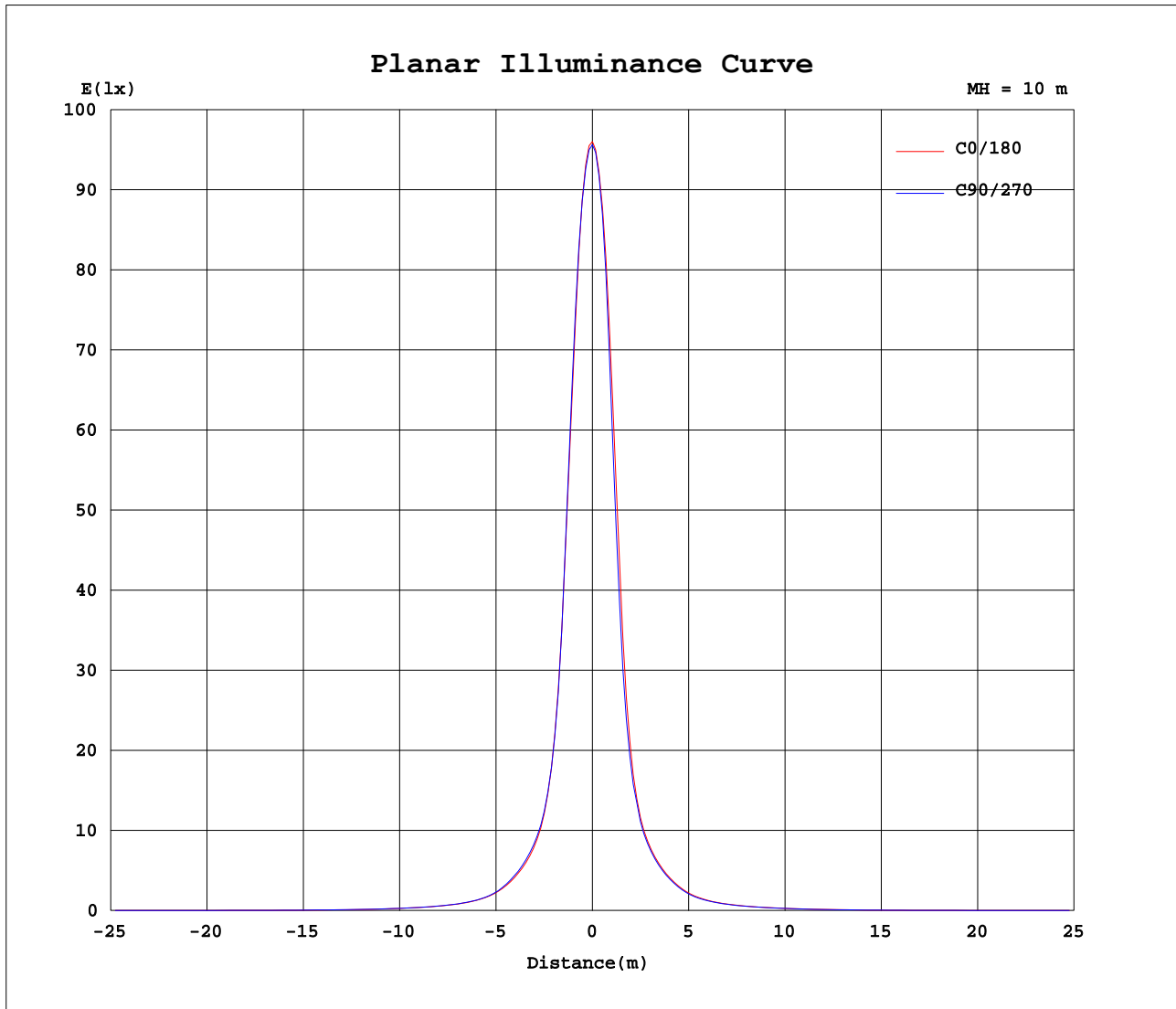
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.6V I:0.0689A P:14.52W PF:0.9552 Lamp Flux:1258.1x1 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	9603	9594	9591	9578	9576	9568	9564	9556	9554	9551	9545	9546	9603	9594	9591	9578	9576	9568	9564
5	7428	7625	7578	7725	7629	7722	7582	7622	7444	7468	7284	7311	7415	7243	7287	7104	7153	6978	7070
10	2902	3016	2928	3010	2906	2963	2855	2905	2808	2851	2711	2727	2788	2632	2631	2486	2516	2414	2502
15	1144	1187	1174	1203	1186	1208	1182	1189	1150	1146	1102	1100	1108	1069	1072	1044	1060	1043	1065
20	640	661	664	679	675	688	677	677	655	648	626	623	629	611	610	595	604	603	604
25	372	384	385	394	392	398	390	388	376	374	363	362	364	354	353	346	348	341	347
30	223	229	229	233	231	232	228	229	224	224	219	219	220	214	214	210	210	207	210
35	149	153	152	155	154	155	153	153	150	151	148	148	148	146	146	143	144	142	143
40	107	109	109	111	111	111	110	109	108	108	107	106	107	106	105	104	105	104	104
45	79.1	80.4	81.0	82.1	82.3	82.6	81.6	81.5	80.9	80.7	79.7	79.4	79.9	79.1	78.9	78.1	78.8	78.2	78.0
50	53.9	55.1	55.6	56.8	56.9	57.7	56.9	57.2	56.5	56.6	55.5	55.5	55.9	55.0	54.9	54.0	54.8	53.9	53.7
55	36.6	37.5	37.7	38.7	38.8	39.6	38.9	39.1	38.7	38.9	38.2	38.2	38.4	37.3	37.3	36.6	37.3	36.6	36.5
60	22.2	22.7	22.9	23.7	23.8	24.4	23.9	24.0	23.7	24.0	23.5	23.5	23.7	22.9	23.0	22.5	23.1	22.5	22.4
65	12.4	12.8	13.0	13.6	13.7	14.1	13.7	13.8	13.6	13.8	13.5	13.5	13.5	12.9	13.0	12.7	13.0	12.6	12.6
70	3.37	3.79	3.73	3.98	4.03	4.31	4.06	4.28	4.06	4.14	3.89	3.95	4.02	3.76	3.78	3.49	3.58	3.32	3.34
75	0.35	0.35	0.34	0.34	0.34	0.34	0.36	0.36	0.36	0.36	0.35	0.34	0.36	0.34	0.33	0.32	0.31	0.30	0.28
80	0.19	0.17	0.19	0.17	0.19	0.17	0.19	0.17	0.19	0.17	0.19	0.16	0.17	0.18	0.16	0.17	0.15	0.17	0.14
85	0.11	0.09	0.11	0.09	0.11	0.09	0.11	0.09	0.11	0.08	0.11	0.08	0.10	0.11	0.08	0.10	0.08	0.09	0.07
90	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.06	0.05	0.07	0.06	0.06	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:220.6V I:0.0689A P:14.52W PF:0.9552 Lamp Flux:1258.1x1 lm		
NAME: PURE S-15W-830-15	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	9556	9554	9551	9545	9546															
5	6942	7123	7088	7329	7348															
10	2469	2626	2647	2853	2880															
15	1058	1093	1091	1125	1125															
20	598	617	615	627	627															
25	345	353	352	361	365															
30	209	213	213	218	220															
35	142	145	145	147	147															
40	104	105	105	106	106															
45	77.4	77.8	77.7	78.5	78.7															
50	52.9	53.4	53.1	53.6	53.5															
55	35.7	36.1	35.9	36.4	36.3															
60	21.9	22.1	21.9	22.1	22.0															
65	12.2	12.4	12.2	12.3	12.3															
70	3.19	3.32	3.18	3.41	3.39															
75	0.29	0.28	0.29	0.28	0.31															
80	0.16	0.14	0.16	0.14	0.16															
85	0.08	0.07	0.09	0.06	0.08															
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	9603	9594	9591	9578	9576	9568	9564	9556	9554	9551
3.0	8904	9009	8979	9042	8972	8987	8892	8903	8801	8807
6.0	6517	6724	6666	6814	6700	6808	6668	6736	6557	6587
9.0	3651	3836	3713	3838	3689	3789	3647	3763	3615	3685
12.0	1901	1972	1933	1986	1937	1972	1909	1929	1858	1874
15.0	1144	1187	1174	1203	1186	1208	1182	1189	1150	1146
18.0	794.4	823.1	823.2	841.0	835.3	852.3	839.5	840.5	813.1	805.7
21.0	577.9	593.8	598.1	610.5	607.3	618.5	608.0	607.2	591.3	581.3
24.0	415.7	429.4	431.4	441.9	440.2	447.4	438.2	436.2	422.6	419.6
27.0	298.7	308.0	308.4	314.6	311.5	314.7	307.9	307.7	300.1	299.5
30.0	223.0	229.0	229.3	232.7	230.7	232.4	228.4	228.6	223.9	224.1
33.0	173.2	177.2	177.5	179.9	178.8	179.7	177.2	177.2	174.3	174.3
36.0	138.9	142.1	142.1	144.3	143.4	144.5	142.4	142.5	140.4	140.6
39.0	114.0	115.8	116.4	117.7	117.6	118.1	117.0	116.8	115.7	115.3
42.0	95.26	96.58	97.26	98.31	98.43	98.53	97.48	97.23	96.53	96.21
45.0	79.12	80.44	81.02	82.11	82.28	82.61	81.64	81.54	80.88	80.67
48.0	63.23	64.35	65.06	66.14	66.45	67.05	66.26	66.37	65.86	65.71
51.0	49.98	51.10	51.53	52.64	52.80	53.57	52.80	53.05	52.46	52.57
54.0	39.84	40.77	41.01	42.01	42.12	42.88	42.23	42.42	41.94	42.15
57.0	30.37	31.03	31.25	32.21	32.33	32.99	32.42	32.59	32.22	32.45
60.0	22.15	22.67	22.88	23.71	23.81	24.42	23.89	24.01	23.72	23.95
63.0	16.20	16.56	16.70	17.35	17.46	17.90	17.49	17.52	17.33	17.54
66.0	10.54	10.98	11.00	11.64	11.68	12.18	11.77	11.87	11.61	11.85
69.0	4.847	5.335	5.280	5.620	5.659	6.050	5.712	5.985	5.716	5.854
72.0	1.156	1.395	1.356	1.501	1.484	1.678	1.560	1.706	1.545	1.603
75.0	0.3510	0.3493	0.3425	0.3384	0.3446	0.3427	0.3556	0.3602	0.3622	0.3558
78.0	0.2320	0.2163	0.2298	0.2119	0.2277	0.2141	0.2277	0.2119	0.2299	0.2141
81.0	0.1729	0.1485	0.1686	0.1464	0.1686	0.1485	0.1664	0.1464	0.1643	0.1463
84.0	0.1247	0.1005	0.1226	0.0961	0.1204	0.0983	0.1204	0.0983	0.1204	0.0982
87.0	0.0898	0.0678	0.0875	0.0634	0.0854	0.0655	0.0832	0.0634	0.0810	0.0634
90.0	0.0700	0.0678	0.0612	0.0590	0.0590	0.0568	0.0590	0.0547	0.0547	0.0547
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	9545	9546	9591	9594	9591	9578	9576	9568	9564	9556
3.0	8698	8722	8813	8725	8754	8667	8715	8647	8720	8674
6.0	6394	6410	6491	6282	6307	6081	6105	5895	5990	5894
9.0	3472	3505	3550	3351	3348	3142	3174	3035	3138	3095
12.0	1778	1787	1814	1731	1732	1662	1674	1635	1687	1674
15.0	1102	1100	1108	1069	1072	1044	1060	1043	1065	1058
18.0	776.8	775.3	780.4	757.0	757.7	741.6	750.0	738.5	751.7	747.7
21.0	565.1	560.4	565.0	551.9	548.5	537.8	542.0	533.1	542.1	538.9
24.0	406.5	405.2	407.8	395.9	395.6	387.0	389.9	382.8	389.5	386.6
27.0	291.7	291.3	292.8	285.2	285.1	278.4	279.1	274.3	278.4	277.0
30.0	219.3	218.9	219.9	214.5	214.3	209.9	210.4	207.2	209.8	208.8
33.0	171.2	171.0	171.5	168.2	168.0	165.0	165.4	163.5	164.9	164.1
36.0	138.0	137.9	138.3	135.8	136.1	133.7	134.6	132.8	134.2	133.0
39.0	113.8	113.2	113.6	112.2	111.8	110.6	111.0	110.2	110.5	110.1
42.0	95.12	94.65	95.22	94.20	93.92	93.03	93.61	93.03	93.03	92.65
45.0	79.69	79.42	79.94	79.08	78.87	78.10	78.82	78.22	77.96	77.39
48.0	64.76	64.52	65.09	64.22	64.01	63.09	63.82	63.08	62.72	62.05
51.0	51.57	51.49	51.80	50.80	50.84	49.98	50.73	49.86	49.72	48.94
54.0	41.37	41.37	41.51	40.45	40.42	39.79	40.51	39.74	39.62	38.90
57.0	31.84	31.87	32.04	31.12	31.04	30.44	31.07	30.44	30.34	29.67
60.0	23.51	23.52	23.66	22.90	23.00	22.53	23.08	22.50	22.41	21.86
63.0	17.25	17.24	17.28	16.71	16.79	16.48	16.91	16.51	16.43	16.00
66.0	11.49	11.56	11.60	10.99	11.09	10.73	11.04	10.65	10.71	10.30
69.0	5.535	5.620	5.727	5.347	5.395	5.045	5.201	4.894	4.913	4.706
72.0	1.379	1.416	1.510	1.336	1.349	1.134	1.190	1.027	1.047	1.026
75.0	0.3534	0.3449	0.3578	0.3443	0.3272	0.3223	0.3098	0.3026	0.2837	0.2850
78.0	0.2255	0.2075	0.2162	0.2232	0.1987	0.2101	0.1900	0.2035	0.1813	0.1969
81.0	0.1686	0.1420	0.1551	0.1620	0.1376	0.1554	0.1288	0.1466	0.1223	0.1401
84.0	0.1183	0.1004	0.1092	0.1225	0.0960	0.1116	0.0852	0.1029	0.0786	0.0920
87.0	0.0810	0.0612	0.0764	0.0854	0.0633	0.0788	0.0611	0.0744	0.0525	0.0678
90.0	0.0568	0.0547	0.0700	0.0634	0.0568	0.0547	0.0525	0.0525	0.0503	0.0481
G/C	300.0	315.0	330.0	345.0						
0.0	9554	9551	9545	9546						
3.0	8772	8752	8864	8858						
6.0	6096	6117	6392	6440						
9.0	3299	3321	3583	3621						
12.0	1753	1765	1868	1887						
15.0	1093	1091	1125	1125						
18.0	769.0	766.2	781.2	780.5						
21.0	553.0	554.0	562.5	567.0						

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	396.2	395.1	405.0	408.2
27.0	283.4	283.5	290.6	293.4
30.0	212.9	213.1	218.1	219.6
33.0	166.8	167.0	170.2	171.0
36.0	135.4	134.9	137.0	137.3
39.0	111.0	111.3	112.2	112.8
42.0	93.16	93.25	94.01	94.39
45.0	77.83	77.72	78.48	78.68
48.0	62.36	62.22	62.75	62.85
51.0	49.41	49.11	49.64	49.55
54.0	39.31	39.12	39.53	39.50
57.0	29.99	29.83	30.26	30.21
60.0	22.11	21.88	22.09	21.96
63.0	16.16	16.00	16.07	16.01
66.0	10.51	10.29	10.43	10.37
69.0	4.856	4.649	4.926	4.882
72.0	1.097	0.9806	1.100	1.112
75.0	0.2750	0.2851	0.2837	0.3136
78.0	0.1790	0.1948	0.1813	0.1992
81.0	0.1178	0.1379	0.1179	0.1401
84.0	0.0721	0.0963	0.0764	0.0985
87.0	0.0459	0.0700	0.0481	0.0678
90.0	0.0459	0.0503	0.0481	0.0481

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: