

LED Downlight FUSION Series FF1-2W-940-40D Black



Light Output Ratio:	100.0%	
Luminaire Power:	3.001 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

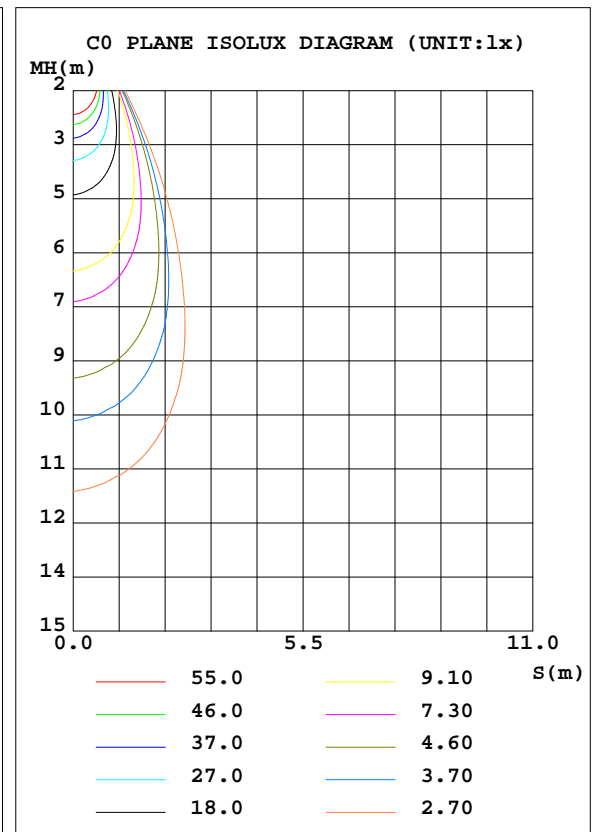
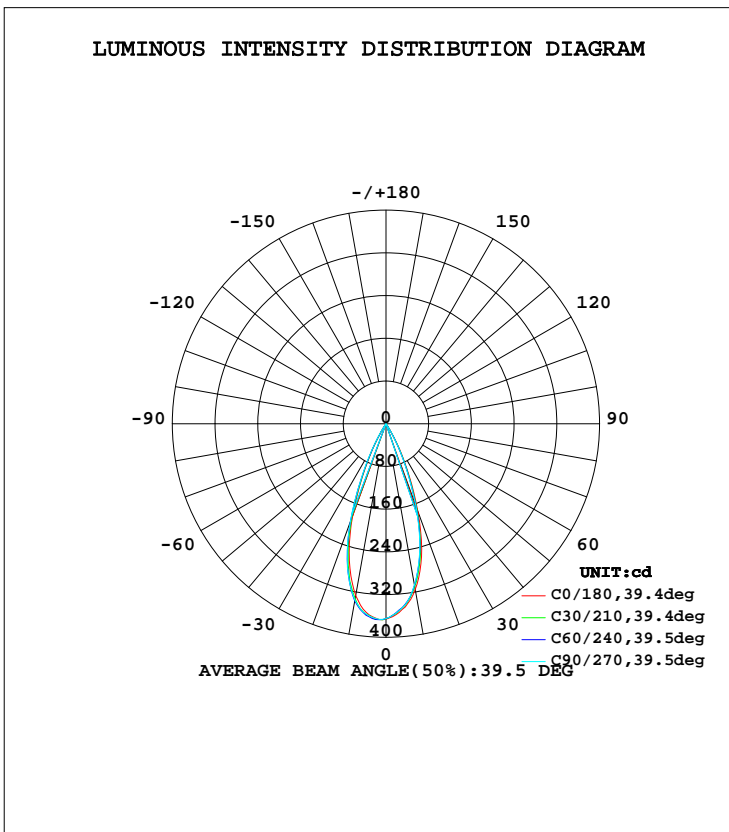
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

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:0.0194A P:3.001W PF:0.7018 Lamp Flux:151.923x1 lm		
NAME: FF1-2W-940-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 50.62 lm/W
MODEL	CREE-4000K	I _{max} (cd)	367.3	S/MH(C0/180)	0.61	
NOMINAL POWER(W)	3.0	LOR(%)	100.0	S/MH(C90/270)	0.63	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	151.92	η UP, DN(C0-180)	0.0, 47.8	
NOMINAL FLUX(lm)	151.923	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 52.2	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.65	



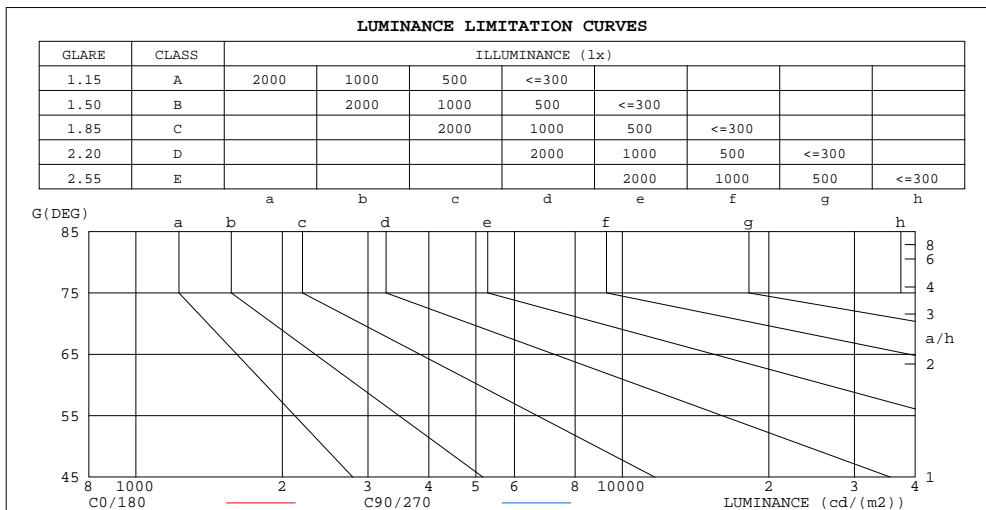
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	315.6	309.5	307.1	314.2	326.8	333.9	335.7	327.0	0- 10	32.78	32.78	21.6,21.6
20	175.1	168.2	163.8	168.6	181.9	189.8	196.0	188.5	10- 20	70.77	103.5	68.2,68.2
30	32.09	29.64	28.06	28.04	29.44	30.84	35.55	35.49	20- 30	42.82	146.4	96.3,96.3
40	0.9347	0.9125	0.8168	0.8879	0.8446	0.7266	0.9342	1.001	30- 40	5.252	151.6	99.8,99.8
50	0.1488	0.0961	0.1007	0.1136	0.1092	0.0985	0.0938	0.1488	40- 50	0.2005	151.8	99.9,99.9
60	0.0656	0.0284	0.0416	0.0306	0.0349	0.0437	0.0284	0.0591	50- 60	0.0633	151.9	100,100
70	0.0328	0	0.0197	0	0.0174	0.0241	0.0044	0.0262	60- 70	0.0260	151.9	100,100
80	0.0110	0	0.0088	0	0	0.0132	0	0.0088	70- 80	0.0097	151.9	100,100
90	0.0022	0	0.0022	0	0	0	0	0	80- 90	0.0030	151.9	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	37	13
80	31	25
75	38	29
70	47	28
65	49	31
60	65	41
55	83	55
50	114	77
45	167	122

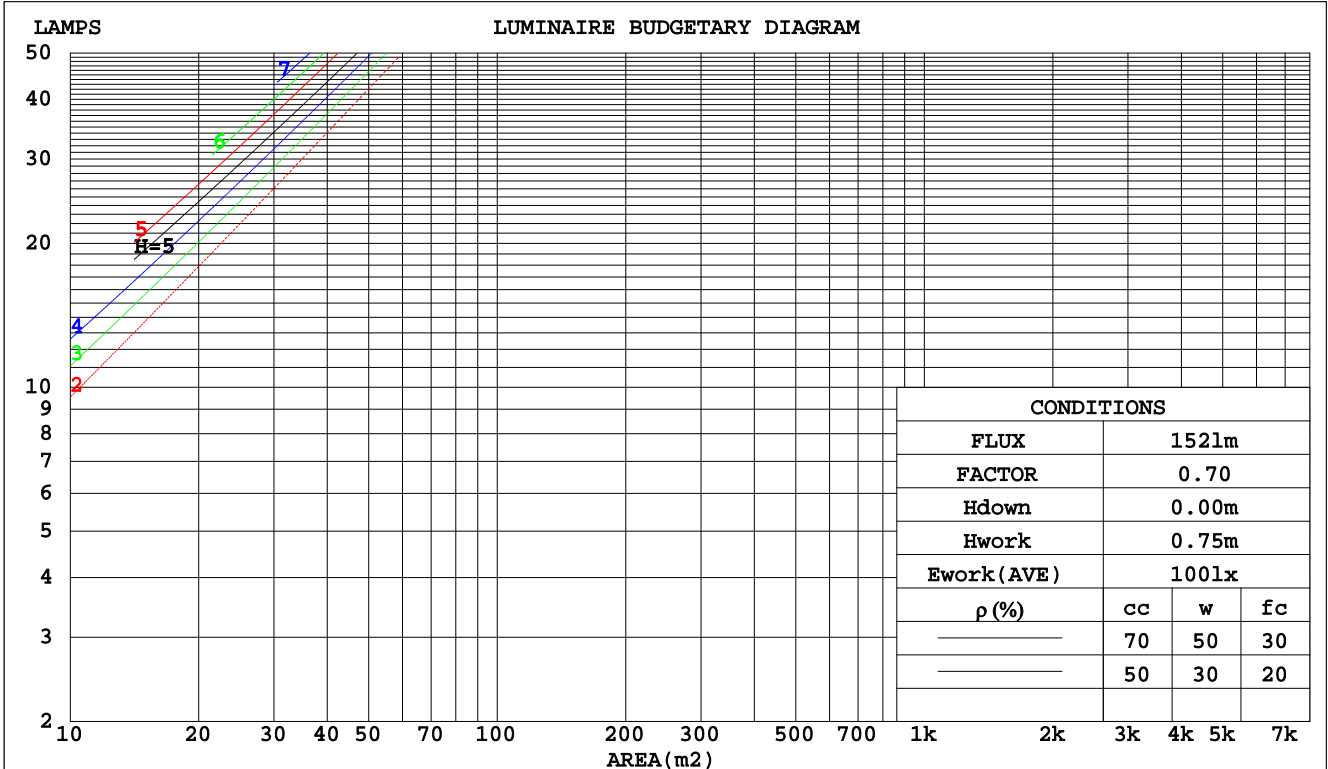
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Humidity:52%
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0194A P:3.001W PF:0.7018 Lamp Flux:151.923x1 lm		
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SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
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
pw																
pfc																
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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.07	1.03	1.01	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	1.00	.96	.94	.98	.95	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.92	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84
5.0	.93	.88	.85	.92	.87	.84	.90	.86	.84	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.81	.77	.85	.80	.77	.83	.80	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.79	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
10.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



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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	.137	.075	.023	.132	.073	.022	.121	.067	.021	.112	.063	.020	.103	.058	.018	
3.0	.129	.069	.021	.124	.067	.020	.116	.063	.019	.108	.059	.018	.100	.055	.017	
4.0	.122	.063	.019	.118	.062	.018	.110	.059	.017	.104	.056	.017	.097	.053	.016	
5.0	.115	.059	.017	.112	.058	.017	.106	.055	.016	.100	.053	.016	.094	.050	.015	
6.0	.110	.055	.016	.107	.054	.016	.101	.052	.015	.096	.050	.015	.092	.048	.014	
7.0	.105	.052	.015	.102	.051	.015	.098	.049	.014	.093	.048	.014	.089	.046	.014	
8.0	.100	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013	
9.0	.096	.047	.013	.095	.046	.013	.091	.045	.013	.087	.044	.013	.084	.043	.012	
10.0	.093	.045	.012	.091	.044	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	

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	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.053	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.089	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.072	.045	.026	.050	.032	.019	.029	.019	.011	.009	.006	.004	

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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	2.5	3.2	2.7	3.4	3.5	1.8	2.5	2.0	2.7	2.8
3H	2.3	3.0	2.6	3.2	3.4	1.6	2.3	1.9	2.5	2.7
4H	2.3	2.9	2.5	3.1	3.3	1.6	2.2	1.8	2.4	2.6
6H	2.2	2.8	2.5	3.0	3.3	1.5	2.1	1.8	2.3	2.6
8H	2.1	2.7	2.4	3.0	3.2	1.4	2.0	1.7	2.3	2.5
12H	2.1	2.6	2.4	2.9	3.2	1.4	1.9	1.7	2.2	2.5
4H 2H	2.3	2.9	2.5	3.1	3.3	1.6	2.2	1.8	2.4	2.6
3H	2.1	2.6	2.4	2.9	3.2	1.4	1.9	1.7	2.2	2.5
4H	2.0	2.5	2.3	2.8	3.1	1.3	1.8	1.6	2.1	2.4
6H	1.9	2.3	2.3	2.7	3.0	1.2	1.6	1.6	2.0	2.3
8H	1.8	2.3	2.2	2.6	3.0	1.1	1.6	1.5	1.9	2.3
12H	1.8	2.2	2.2	2.5	2.9	1.1	1.5	1.5	1.8	2.2
8H 4H	1.8	2.3	2.2	2.6	3.0	1.1	1.6	1.5	1.9	2.3
6H	1.7	2.1	2.2	2.5	2.9	1.0	1.4	1.5	1.8	2.2
8H	1.7	2.0	2.1	2.4	2.8	1.0	1.3	1.4	1.7	2.1
12H	1.6	1.9	2.1	2.3	2.8	0.9	1.2	1.4	1.6	2.1
12H 4H	1.8	2.2	2.2	2.5	2.9	1.1	1.5	1.5	1.8	2.2
6H	1.7	2.0	2.1	2.4	2.8	1.0	1.3	1.4	1.7	2.1
8H	1.6	1.9	2.1	2.3	2.8	0.9	1.2	1.4	1.6	2.1
Variations with the observer position at spacings:										
S = 1.0H	+ 5.2 / -11.7					+ 5.1 / -12.1				
1.5H	+ 7.8 / - 9.7					+ 7.7 / - 9.7				
2.0H	+ 4.5 / - 4.0					+ 3.8 / - 3.0				

CIE Pub.117 Corrected 151.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.5)

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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	86	83	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	97	92	89	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	105	101	98	104	100	97	103	99	97	93
1.50	108	104	101	107	103	100	105	102	99	95
2.00	110	106	103	109	105	103	106	103	101	96
2.50	111	108	105	110	107	104	107	104	103	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	111	109	109	107	106	99
5.00	116	114	112	114	112	111	110	109	108	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

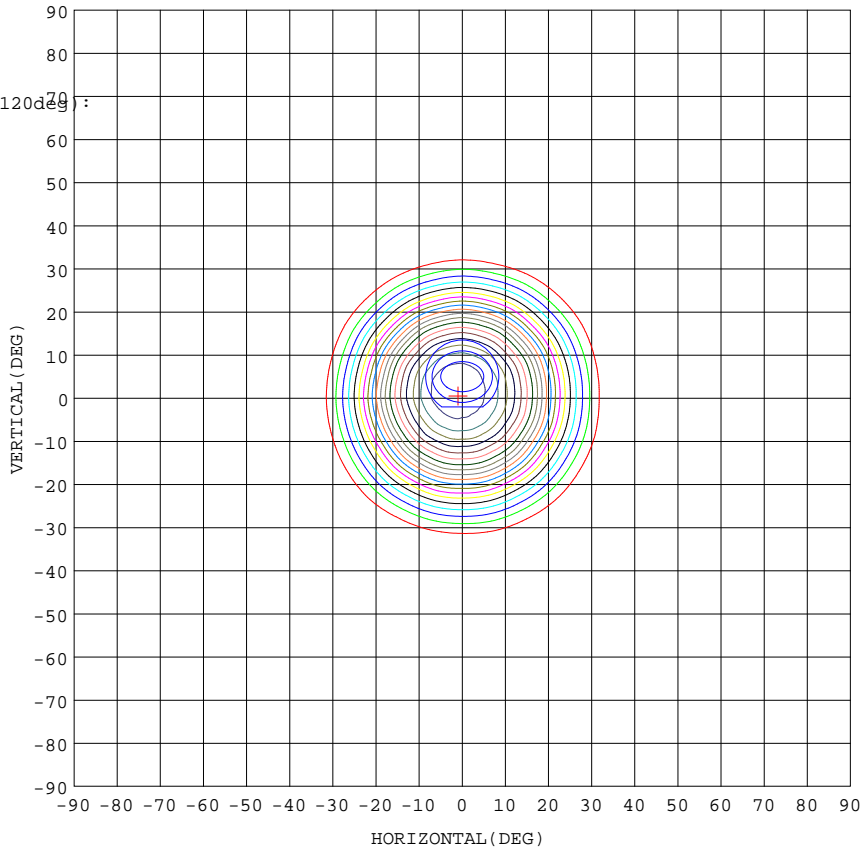
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Conical surface Flux(90deg):

151.76 lm
%lum = 99.9%
%lamp = 99.9%

Conical surface Flux(120deg):

151.88 lm
%lum = 100.0%
%lamp = 100.0%



1. AVG=357.2, MIN=344.0
2. AVG=351.9, MIN=325.5
3. AVG=344.4, MIN=298.0

Imax:367.3(H=-1.0,V0.5)
(At:C=195.0,Gamma=1.0)

UNIT: cd

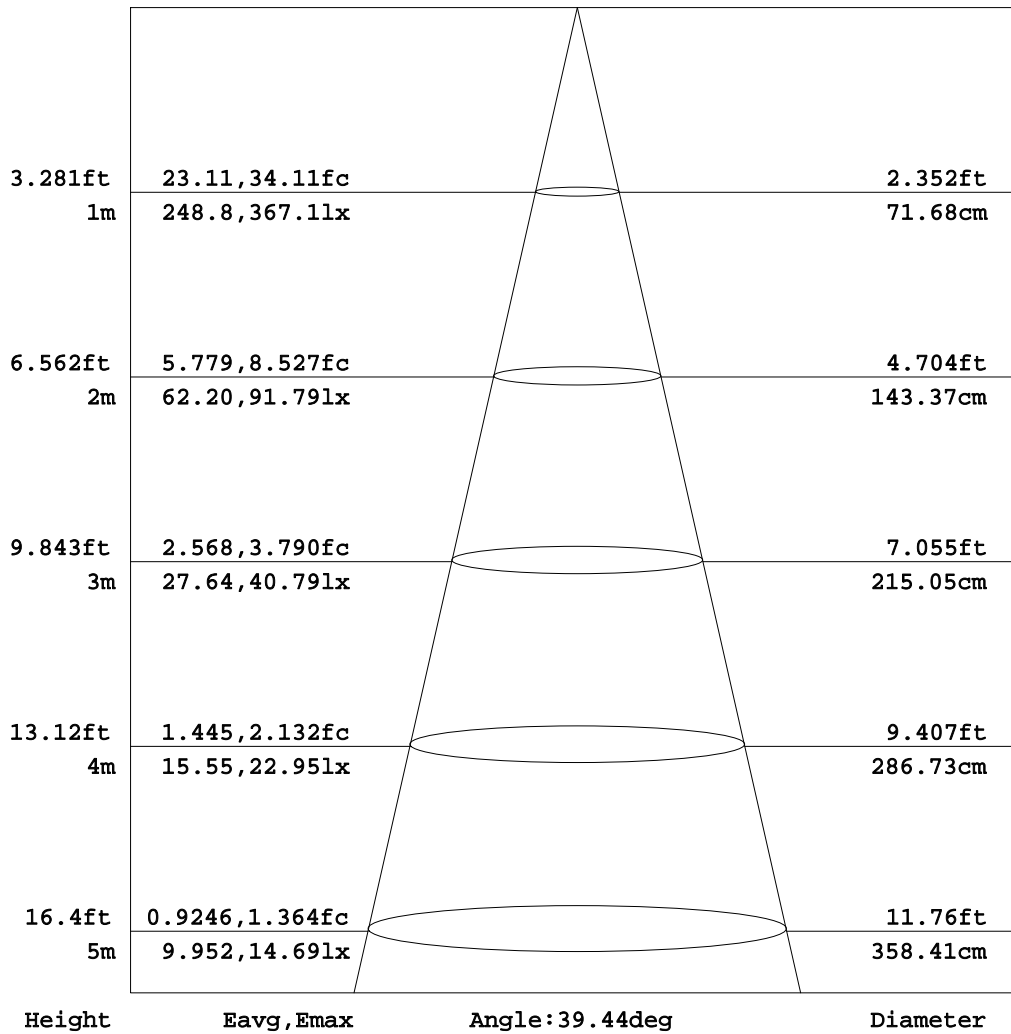
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AAI Figure

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Flux out:103.5 lm



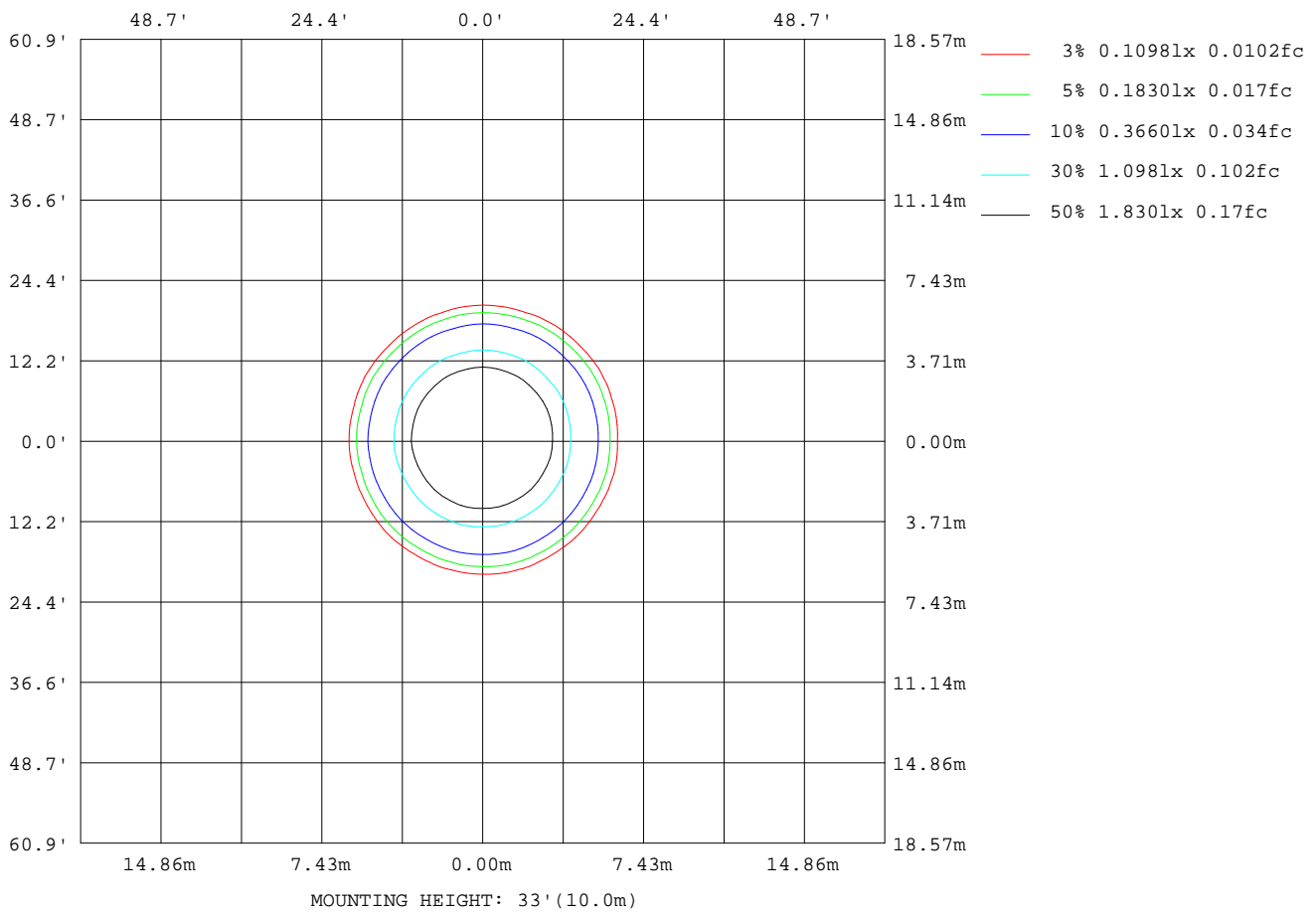
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

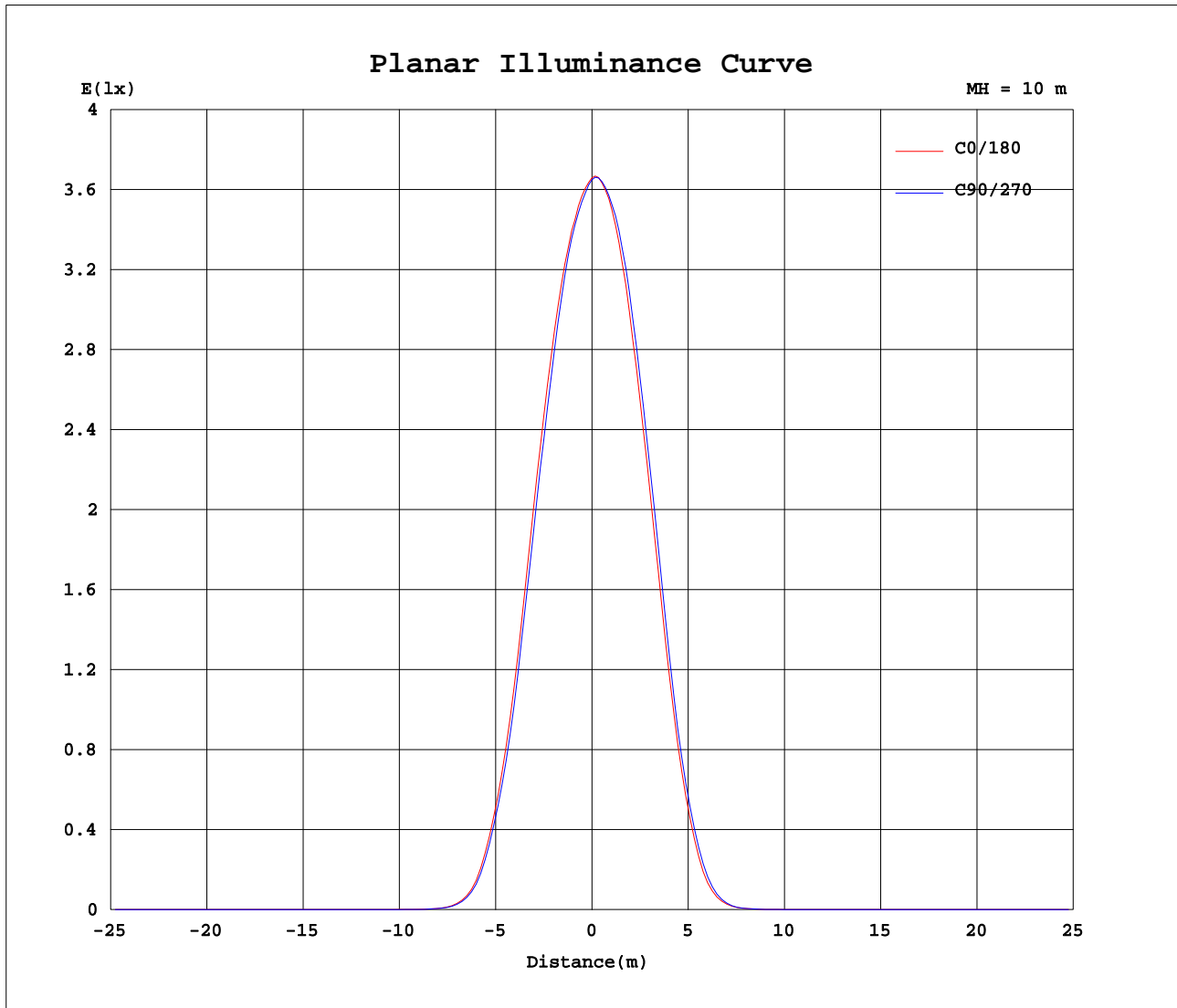
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: 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	366	366	365	366	365	365	365	365	365	365	365	365	366	366	365	366	365	365	365
5	349	348	347	347	346	346	346	349	349	351	352	355	360	361	361	362	363	362	361
10	316	314	311	310	307	308	307	309	310	314	316	320	327	329	333	334	337	336	336
15	257	255	250	249	246	246	245	247	248	250	253	258	266	268	274	274	279	277	279
20	175	174	168	168	165	166	164	166	166	169	169	174	182	183	188	190	195	194	196
25	92.7	90.8	87.9	87.6	85.2	85.5	84.3	85.2	84.4	86.2	85.9	88.3	92.9	93.2	96.5	97.0	100	100	103
30	32.1	32.1	29.9	29.6	28.3	29.4	28.1	27.7	26.7	28.0	27.2	27.7	29.4	29.8	31.7	30.8	33.2	33.5	35.5
35	5.80	5.82	5.39	5.64	5.27	5.33	4.93	5.14	4.77	4.87	4.48	4.59	5.14	4.97	5.29	5.25	5.61	5.52	6.06
40	0.93	0.96	0.90	0.91	0.86	0.88	0.82	0.83	0.83	0.89	0.84	0.80	0.84	0.83	0.82	0.73	0.76	0.82	0.93
45	0.24	0.20	0.21	0.18	0.19	0.16	0.18	0.17	0.20	0.21	0.24	0.21	0.20	0.21	0.17	0.17	0.13	0.17	0.17
50	0.15	0.12	0.12	0.10	0.11	0.09	0.10	0.09	0.12	0.11	0.14	0.12	0.11	0.12	0.09	0.10	0.07	0.10	0.09
55	0.10	0.07	0.08	0.06	0.07	0.04	0.06	0.05	0.07	0.06	0.09	0.06	0.07	0.08	0.05	0.06	0.03	0.06	0.05
60	0.07	0.03	0.05	0.03	0.05	0.03	0.04	0.03	0.04	0.03	0.06	0.03	0.03	0.05	0.03	0.04	0.02	0.04	0.03
65	0.04	0.02	0.04	0.01	0.03	0.01	0.03	0.01	0.03	0.01	0.04	0.01	0.03	0.03	0.01	0.03	0.01	0.03	0.01
70	0.03	0.01	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.02	0.00	0.02	0.00	0.03	0.00
75	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.00
80	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00
85	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-17

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	366.0	366.0	365.1	365.6	364.9	365.3	364.9	365.2	365.0	364.9
3.0	358.1	357.3	356.3	356.1	354.9	355.5	355.2	357.9	358.4	358.5
6.0	345.1	343.1	342.1	341.2	340.6	341.4	341.3	342.7	344.0	345.7
9.0	324.6	323.5	319.7	319.2	317.8	318.4	317.1	320.1	320.8	324.7
12.0	295.1	293.4	288.8	287.7	283.9	285.4	283.9	287.3	287.3	292.7
15.0	257.2	255.4	250.2	249.3	245.6	246.2	245.4	246.8	247.5	250.5
18.0	210.4	208.1	202.5	203.0	199.5	199.3	197.5	200.4	200.6	203.4
21.0	157.0	155.7	150.0	150.5	147.1	147.7	145.3	148.6	147.9	150.5
24.0	107.4	105.1	101.8	101.5	99.02	99.24	97.88	99.44	98.74	100.6
27.0	66.06	65.02	62.53	62.25	60.58	61.05	59.74	60.05	59.05	60.17
30.0	32.09	32.07	29.87	29.64	28.34	29.39	28.06	27.73	26.72	28.04
33.0	11.99	12.18	11.27	11.30	10.76	11.09	10.44	10.45	10.01	10.35
36.0	3.851	3.872	3.619	3.759	3.517	3.602	3.303	3.403	3.182	3.280
39.0	1.202	1.280	1.200	1.208	1.143	1.161	1.096	1.112	1.075	1.176
42.0	0.3895	0.3428	0.3405	0.3165	0.3164	0.2903	0.2940	0.2947	0.3223	0.3427
45.0	0.2386	0.2031	0.2080	0.1769	0.1861	0.1594	0.1752	0.1682	0.1993	0.2075
48.0	0.1751	0.1420	0.1532	0.1245	0.1357	0.1092	0.1248	0.1136	0.1445	0.1442
51.0	0.1379	0.1027	0.1181	0.0895	0.1050	0.0764	0.0941	0.0808	0.1073	0.1027
54.0	0.1051	0.0721	0.0876	0.0655	0.0788	0.0546	0.0700	0.0589	0.0788	0.0699
57.0	0.0832	0.0546	0.0657	0.0415	0.0591	0.0328	0.0547	0.0349	0.0569	0.0480
60.0	0.0656	0.0328	0.0504	0.0284	0.0460	0.0284	0.0416	0.0284	0.0438	0.0306
63.0	0.0503	0.0284	0.0416	0.0196	0.0351	0.0174	0.0328	0.0174	0.0328	0.0218
66.0	0.0415	0.0153	0.0328	0.0087	0.0306	0.0087	0.0284	0.0065	0.0263	0.0109
69.0	0.0328	0.0066	0.0241	0.0022	0.0241	0.0022	0.0240	0.0022	0.0197	0.0022
72.0	0.0263	0.0022	0.0218	0	0.0197	0.0022	0.0175	0.0022	0.0153	0
75.0	0.0197	0	0.0153	0	0.0175	0.0022	0.0153	0.0022	0.0132	0
78.0	0.0153	0	0.0131	0	0.0131	0.0022	0.0109	0.0022	0.0088	0
81.0	0.0109	0	0.0066	0	0.0087	0.0022	0.0109	0.0022	0.0087	0
84.0	0.0066	0	0.0066	0	0.0066	0	0.0044	0.0022	0.0066	0
87.0	0.0044	0	0.0022	0	0.0022	0	0.0022	0.0022	0.0022	0
90.0	0.0022	0	0	0	0.0022	0	0.0022	0.0022	0	0
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	365.0	364.8	366.0	365.1	365.6	365.3	364.9	365.3	364.9	365.2
3.0	359.7	361.4	364.8	365.8	366.7	366.9	367.2	366.4	365.4	364.2
6.0	347.6	350.6	355.2	355.9	358.5	358.7	360.4	358.8	358.0	356.2
9.0	326.7	330.3	335.0	337.0	341.7	341.9	344.2	343.2	342.6	339.8
12.0	293.3	297.8	304.5	307.2	312.2	313.1	316.2	315.4	315.7	312.7
15.0	252.7	258.0	265.5	268.1	273.7	274.1	278.7	277.4	279.0	275.2
18.0	205.0	210.2	218.0	219.1	225.0	226.6	231.7	230.1	232.8	229.5
21.0	150.5	155.9	163.2	163.2	169.2	170.6	175.4	174.4	176.9	174.1
24.0	100.5	103.4	109.1	109.1	113.2	114.2	117.6	116.7	119.1	118.2
27.0	59.63	61.45	64.50	64.82	67.25	67.67	69.78	70.25	72.65	71.75
30.0	27.25	27.66	29.44	29.80	31.68	30.84	33.19	33.54	35.55	34.67
33.0	9.830	9.925	10.75	10.69	11.45	11.06	11.95	12.16	13.18	12.67
36.0	2.978	3.028	3.323	3.232	3.428	3.349	3.610	3.529	3.851	3.875
39.0	1.120	1.103	1.114	1.106	1.135	1.037	1.072	1.091	1.195	1.159
42.0	0.3682	0.3450	0.3469	0.3423	0.3099	0.2899	0.2661	0.2950	0.3185	0.3589
45.0	0.2364	0.2053	0.2009	0.2123	0.1725	0.1686	0.1332	0.1686	0.1703	0.2167
48.0	0.1729	0.1442	0.1398	0.1510	0.1157	0.1182	0.0873	0.1204	0.1157	0.1575
51.0	0.1292	0.1027	0.0961	0.1138	0.0807	0.0897	0.0634	0.0876	0.0786	0.1182
54.0	0.0963	0.0743	0.0699	0.0853	0.0567	0.0678	0.0371	0.0678	0.0611	0.0897
57.0	0.0744	0.0503	0.0502	0.0656	0.0371	0.0525	0.0306	0.0547	0.0371	0.0678
60.0	0.0569	0.0349	0.0349	0.0503	0.0284	0.0437	0.0218	0.0438	0.0284	0.0547
63.0	0.0416	0.0284	0.0306	0.0416	0.0175	0.0350	0.0109	0.0350	0.0261	0.0438
66.0	0.0350	0.0109	0.0328	0.0328	0.0087	0.0306	0.0065	0.0306	0.0131	0.0350
69.0	0.0284	0.0065	0.0240	0.0263	0.0065	0.0241	0.0022	0.0262	0.0065	0.0263
72.0	0.0240	0	0.0087	0.0241	0.0022	0.0219	0	0.0219	0.0022	0.0241
75.0	0.0154	0	0	0.0218	0	0.0175	0	0.0175	0	0.0175
78.0	0.0131	0	0	0.0153	0	0.0153	0	0.0153	0	0.0131
81.0	0.0088	0	0	0.0088	0	0.0131	0	0.0131	0	0.0088
84.0	0.0044	0	0	0.0066	0	0.0066	0	0.0066	0	0.0066
87.0	0.0022	0	0	0.0022	0	0.0022	0	0.0044	0	0.0022
90.0	0.0022	0	0	0	0	0	0	0	0	0
G/C	300.0	315.0	330.0	345.0						
0.0	365.0	364.9	365.0	364.8						
3.0	362.8	361.8	359.5	358.3						
6.0	353.8	350.8	348.6	346.9						
9.0	338.1	334.6	332.1	327.3						
12.0	311.4	307.0	303.8	299.3						
15.0	274.2	268.9	267.7	261.5						
18.0	229.0	223.1	221.9	215.8						
21.0	174.4	169.6	168.8	162.8						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-05-17

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	119.1	115.2	114.9	110.7
27.0	73.35	71.25	71.36	68.65
30.0	36.30	35.49	36.21	34.00
33.0	13.37	13.52	13.97	12.90
36.0	4.288	4.280	4.548	4.183
39.0	1.358	1.381	1.436	1.320
42.0	0.3884	0.3964	0.3907	0.3984
45.0	0.2228	0.2429	0.2293	0.2451
48.0	0.1594	0.1816	0.1638	0.1838
51.0	0.1113	0.1335	0.1179	0.1401
54.0	0.0786	0.1007	0.0830	0.1073
57.0	0.0589	0.0744	0.0611	0.0832
60.0	0.0393	0.0591	0.0393	0.0635
63.0	0.0284	0.0438	0.0284	0.0525
66.0	0.0174	0.0372	0.0131	0.0394
69.0	0.0087	0.0263	0.0065	0.0306
72.0	0	0.0197	0	0.0197
75.0	0	0.0153	0	0.0175
78.0	0	0.0132	0	0.0131
81.0	0	0.0087	0	0.0109
84.0	0	0.0066	0	0.0066
87.0	0	0.0044	0	0.0065
90.0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-17

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: