

LED Downlight FUSION Series FF1-2W-940-24D Black



Light Output Ratio:	100.0%	
Luminaire Power:	3.029 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

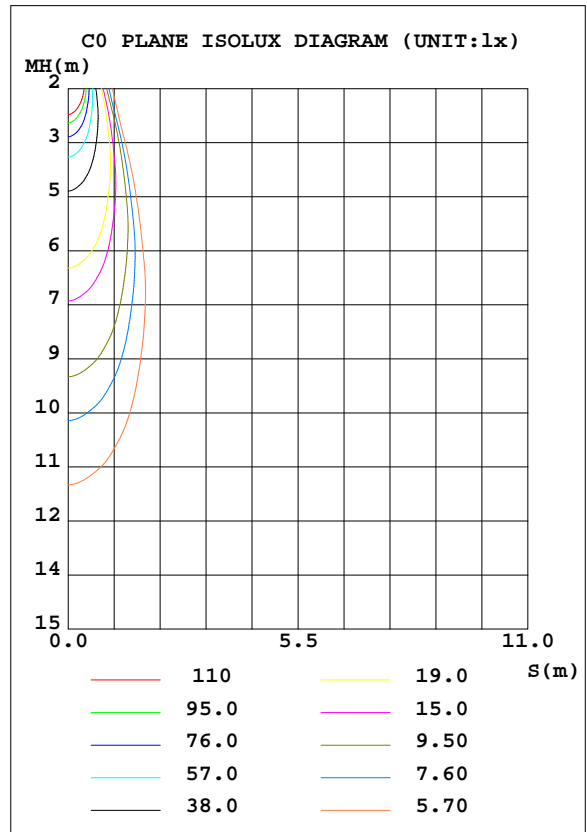
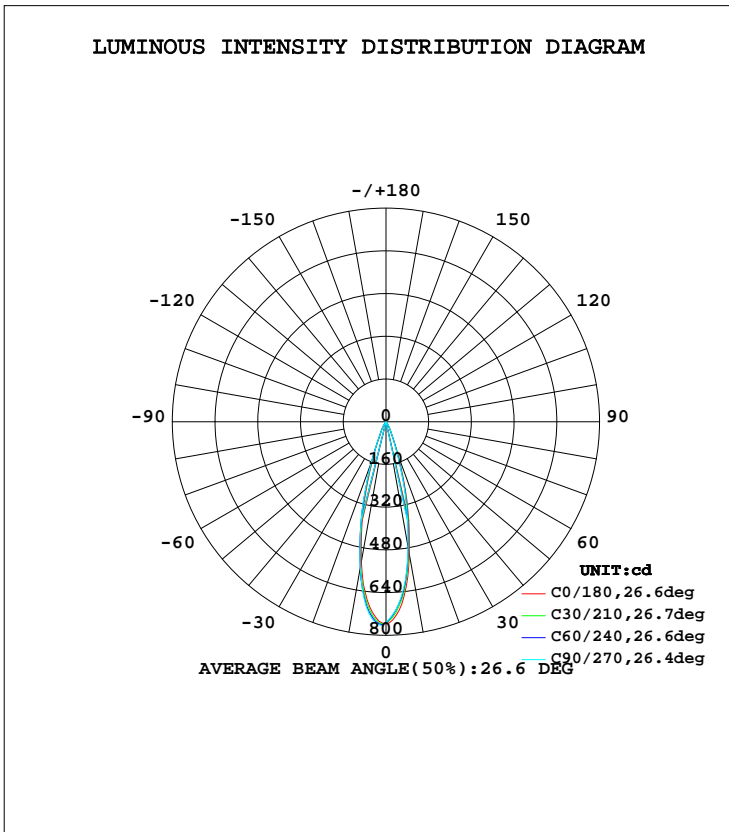
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-06

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:220.8V I:0.0195A P:3.029W PF:0.7038 Lamp Flux:175.848x1 lm		
NAME: FF1-2W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	CREE-4000K	Imax(cd)	763.8	S/MH(C0/180)	0.45
NOMINAL POWER(W)	3.0	LOR(%)	100.0	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	175.85	η UP, DN(C0-180)	0.0, 47.2
NOMINAL FLUX(lm)	175.848	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 52.8
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



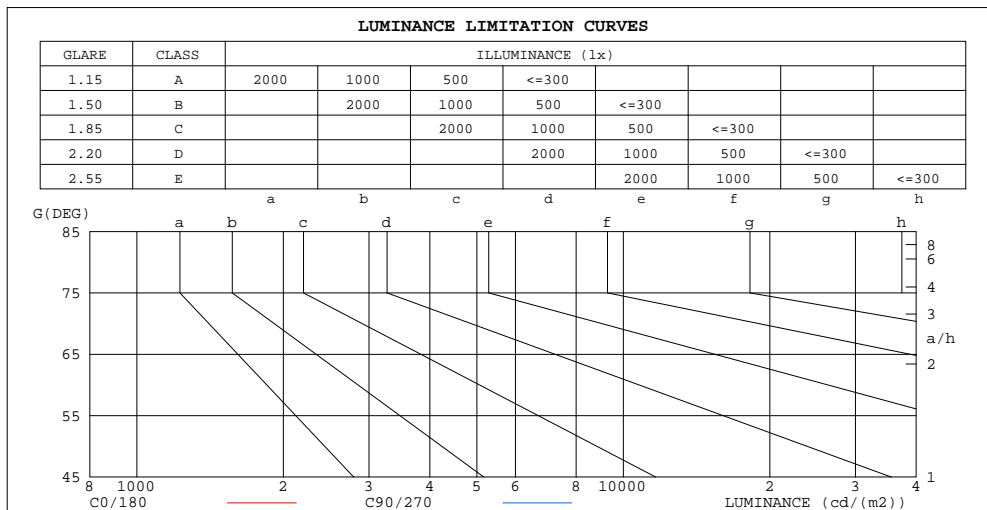
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	#lum,lamp
10	504.4	490.2	477.8	495.6	532.5	549.3	555.7	533.2	0- 10	60.27	60.27	34.3,34.3
20	131.5	125.5	115.2	124.1	139.7	151.2	158.4	150.6	10- 20	83.21	143.5	81.6,81.6
30	23.31	23.37	23.41	24.62	25.78	27.21	26.78	25.15	20- 30	27.03	170.5	97,97
40	1.290	1.159	1.107	1.243	1.396	1.594	1.863	1.600	30- 40	5.096	175.6	99.9,99.9
50	0.0722	0.0480	0.0656	0.0743	0.0678	0.0613	0.0327	0.0744	40- 50	0.1818	175.8	100,100
60	0.0263	0.0065	0.0263	0.0175	0.0196	0.0262	0	0.0284	50- 60	0.0323	175.8	100,100
70	0.0131	0.0022	0.0131	0.0022	0.0022	0.0153	0	0.0088	60- 70	0.0113	175.8	100,100
80	0.0066	0.0022	0.0066	0.0022	0.0022	0.0109	0	0.0044	70- 80	0.0061	175.8	100,100
90	0.0022	0.0022	0.0022	0.0022	0.0022	0	0	0	80- 90	0.0031	175.8	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	25
80	19	19
75	17	17
70	19	19
65	20	20
60	26	26
55	38	36
50	55	50
45	86	80

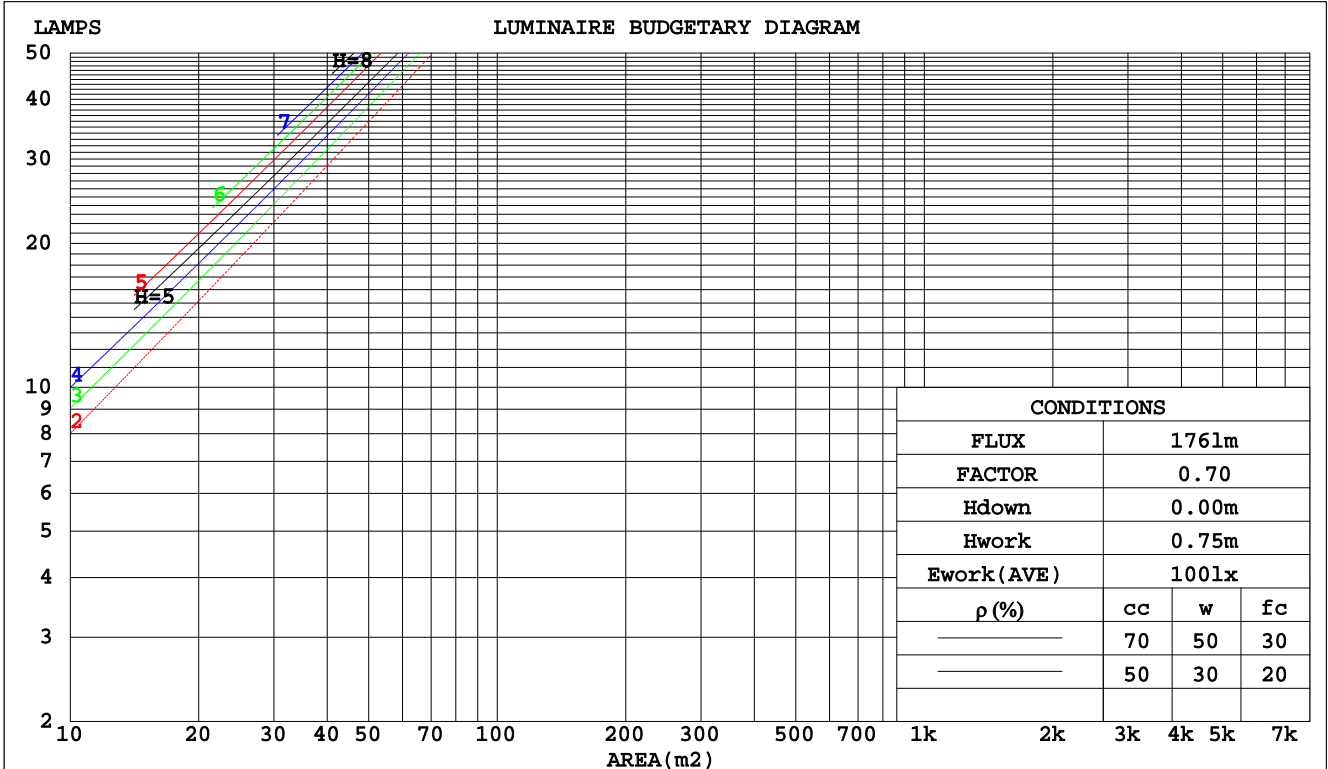
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.8V I:0.0195A P:3.029W PF:0.7038 Lamp Flux:175.848x1 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																0
pfc																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	1.09	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	.93	.91	.95	.92	.90	.93	.91	.89	.88
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.88	.92	.89	.87	.91	.88	.86	.85
6.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.89	.87	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.86	.83	.81	.80
8.0	.87	.83	.80	.86	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
9.0	.84	.80	.78	.84	.80	.78	.83	.80	.77	.83	.79	.77	.82	.79	.77	.76
10.0	.82	.78	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.75	.74



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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	.104	.060	.019	.094	.054	.018	
2.0	.125	.068	.021	.119	.066	.020	.109	.061	.019	.100	.056	.017	.091	.051	.016	
3.0	.116	.062	.019	.112	.060	.018	.103	.056	.017	.095	.052	.016	.088	.049	.015	
4.0	.109	.057	.017	.105	.055	.016	.098	.052	.016	.091	.049	.015	.085	.046	.014	
5.0	.103	.052	.015	.099	.051	.015	.093	.049	.014	.088	.046	.014	.082	.044	.013	
6.0	.097	.049	.014	.094	.048	.014	.089	.046	.013	.084	.044	.013	.080	.042	.012	
7.0	.092	.046	.013	.090	.045	.013	.085	.043	.012	.081	.042	.012	.077	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.078	.040	.011	.075	.038	.011	
9.0	.084	.041	.011	.082	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.011	.073	.036	.010	.070	.035	.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	.112	.086	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.075	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.082	.058	.042	.057	.041	.029	.033	.024	.018	.011	.008	.006	
8.0	.089	.061	.041	.076	.052	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.072	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.067	.044	.027	.047	.031	.019	.027	.018	.012	.009	.006	.004	

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 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	1.5	2.1	1.7	2.3	2.4	2.0	2.7	2.2	2.8	3.0
3H	1.3	1.9	1.6	2.1	2.3	1.9	2.5	2.1	2.7	2.8
4H	1.3	1.8	1.5	2.0	2.2	1.8	2.4	2.1	2.6	2.8
6H	1.2	1.7	1.4	1.9	2.2	1.7	2.3	2.0	2.5	2.7
8H	1.1	1.6	1.4	1.9	2.1	1.7	2.2	2.0	2.4	2.7
12H	1.1	1.6	1.4	1.8	2.1	1.6	2.1	1.9	2.4	2.6
4H 2H	1.3	1.8	1.5	2.0	2.2	1.8	2.4	2.1	2.6	2.8
3H	1.1	1.6	1.4	1.8	2.1	1.6	2.1	1.9	2.4	2.6
4H	1.0	1.4	1.3	1.7	2.0	1.5	2.0	1.9	2.3	2.6
6H	0.9	1.3	1.2	1.6	2.0	1.4	1.8	1.8	2.2	2.5
8H	0.8	1.2	1.2	1.5	1.9	1.4	1.8	1.8	2.1	2.5
12H	0.8	1.1	1.2	1.5	1.9	1.3	1.7	1.7	2.0	2.4
8H 4H	0.8	1.2	1.2	1.5	1.9	1.4	1.8	1.8	2.1	2.5
6H	0.7	1.0	1.1	1.4	1.8	1.3	1.6	1.7	2.0	2.4
8H	0.6	0.9	1.1	1.3	1.8	1.2	1.5	1.6	1.9	2.3
12H	0.6	0.8	1.1	1.3	1.7	1.1	1.4	1.6	1.8	2.3
12H 4H	0.8	1.1	1.2	1.5	1.9	1.3	1.7	1.7	2.0	2.4
6H	0.6	0.9	1.1	1.3	1.8	1.2	1.5	1.6	1.9	2.3
8H	0.6	0.8	1.1	1.3	1.7	1.1	1.4	1.6	1.8	2.3
Variations with the observer position at spacings:										
S = 1.0H	+ 4.3 / -17.6					+ 4.4 / -17.0				
1.5H	+ 7.0 / -15.2					+ 7.2 / -15.1				
2.0H	+ 4.9 / - 4.7					+ 4.6 / - 4.0				

CIE Pub.117 Corrected 175.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -6.0)

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 Remarks:

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	92	86	83	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	97	92	90	86
1.00	102	97	94	101	97	94	100	96	93	90
1.25	106	101	98	105	100	98	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	105	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):

175.76 lm

%lum = 100.0%

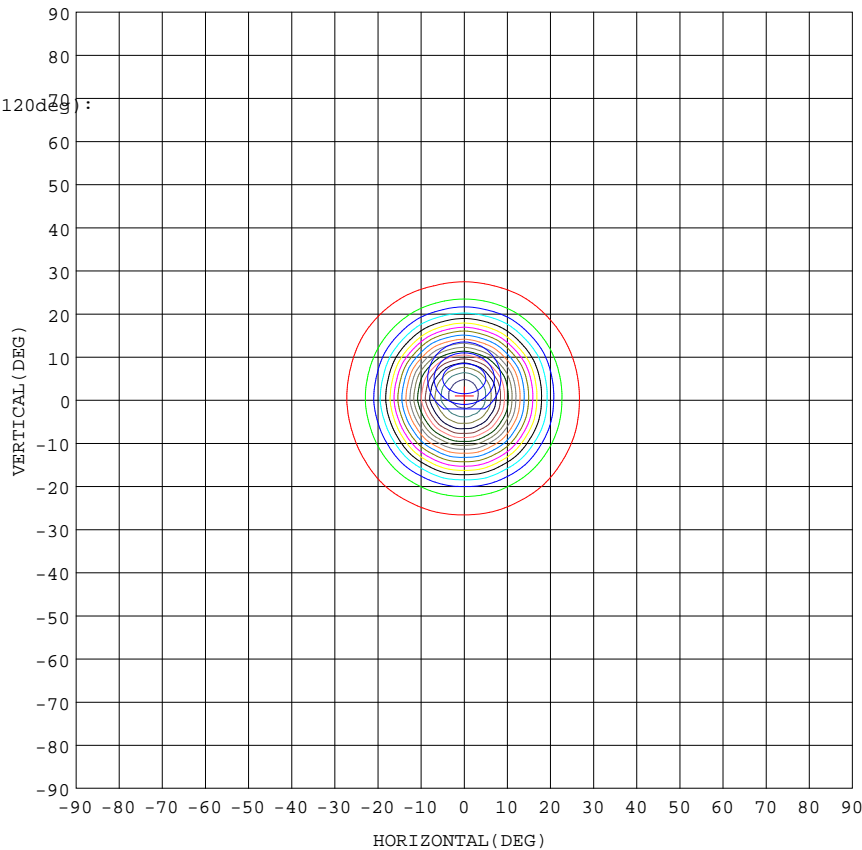
%lamp = 100.0%

Conical surface Flux(120deg):

175.83 lm

%lum = 100.0%

%lamp = 100.0%



1. AVG=694.2,MIN=613.9
2. AVG=663.7,MIN=512.3
3. AVG=626.3,MIN=408.0

Imax:763.8(H0.0,V1.0)
(At:C=270.0,Gamma=1.0)

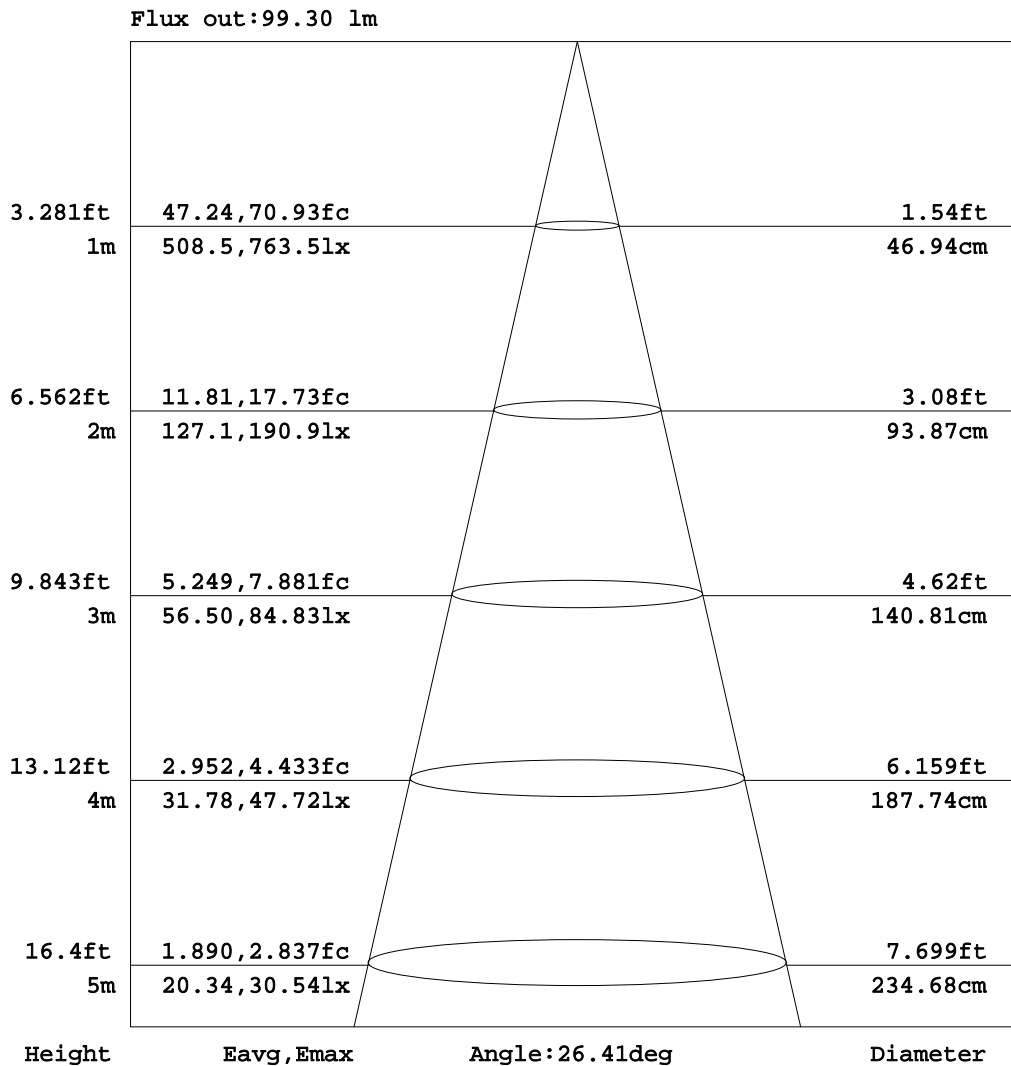
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AAI Figure

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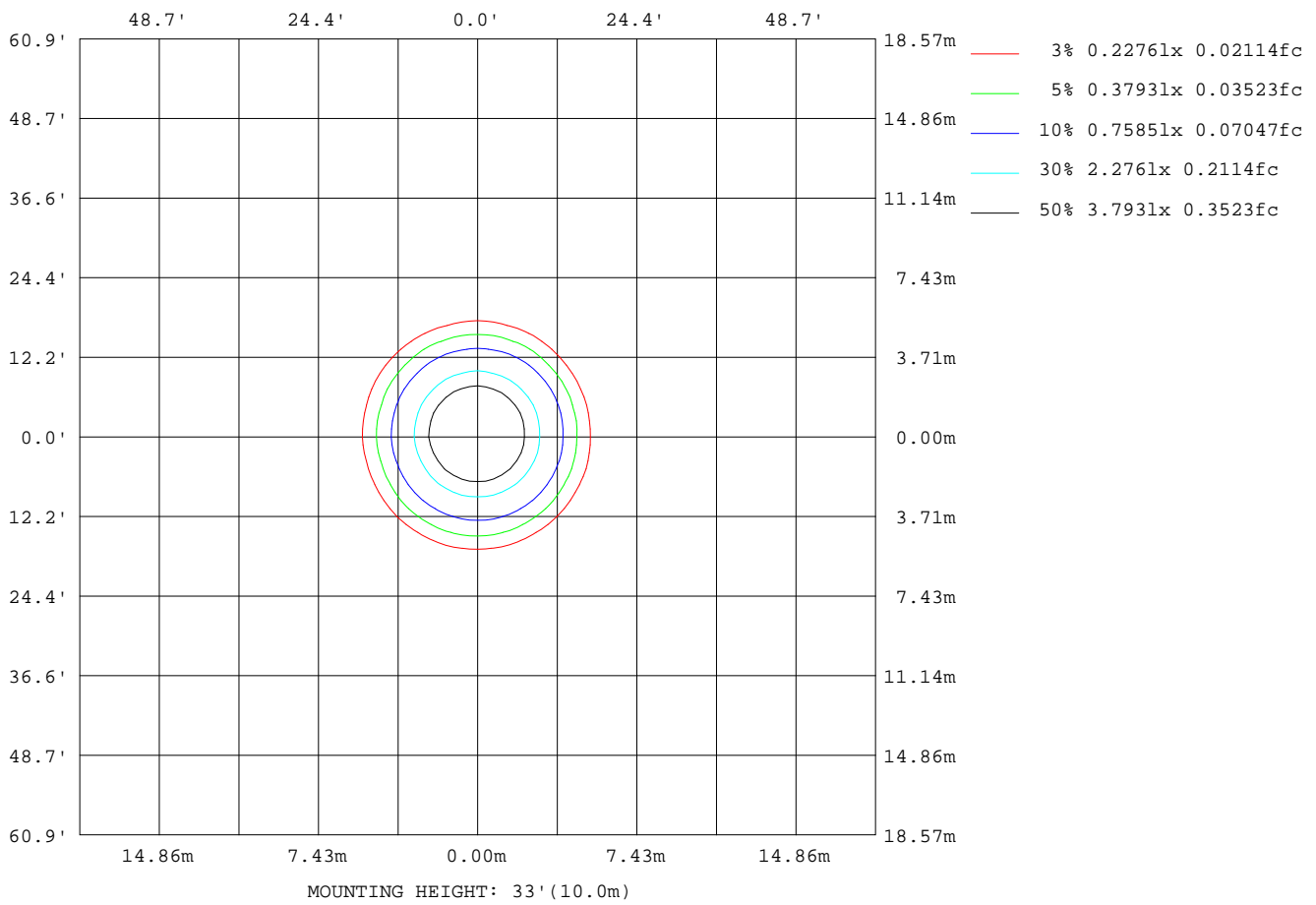
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

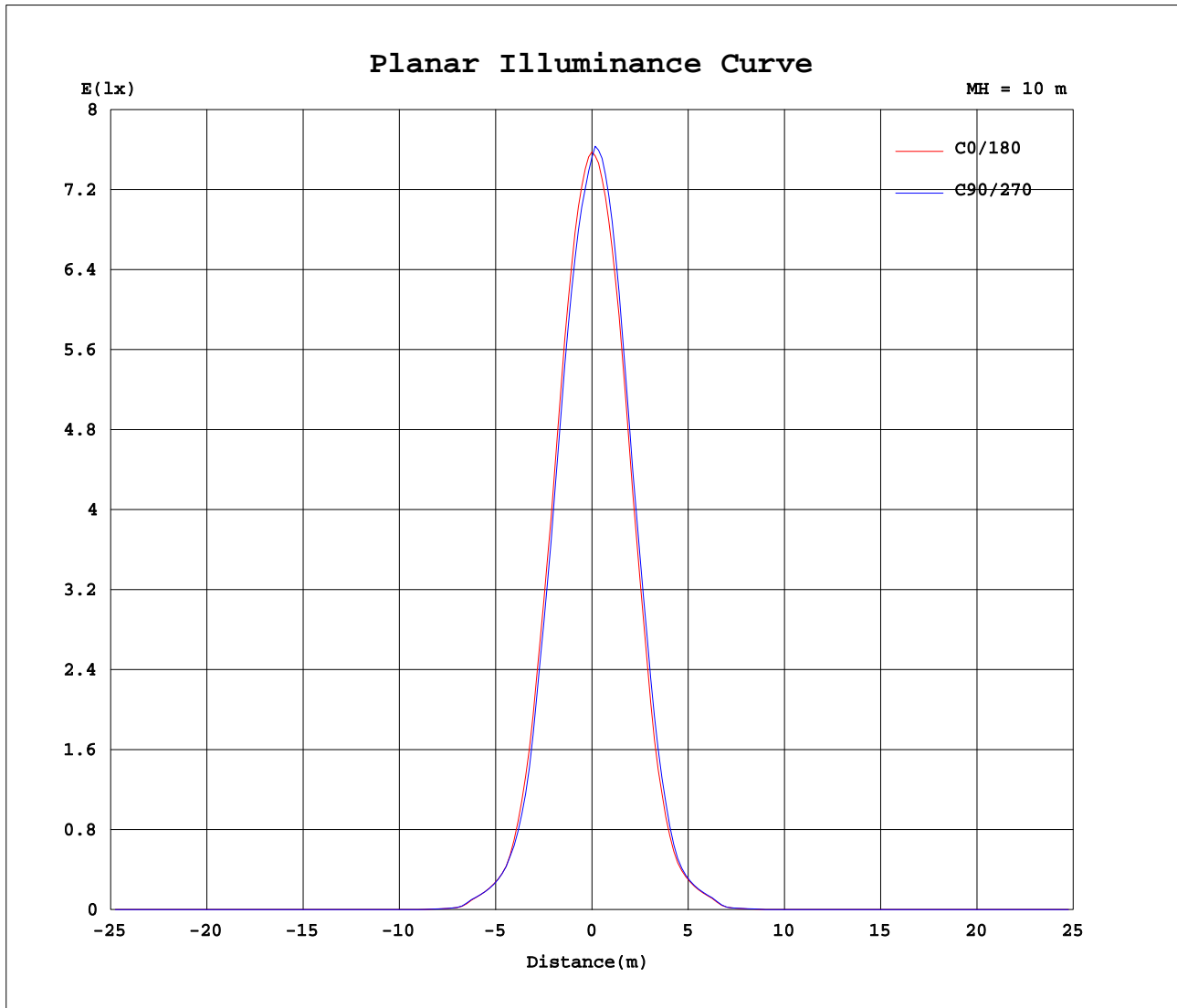
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:0.0195A P:3.029W PF:0.7038 Lamp Flux:175.848x1 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	758	757	755	755	753	754	752	754	752	753	752	753	758	757	755	755	753	754	752
5	685	680	671	671	662	663	659	664	665	671	673	683	697	700	706	710	716	719	722
10	504	502	492	490	482	482	478	484	484	496	499	511	532	535	549	549	556	552	556
15	302	300	292	292	283	282	279	284	284	293	296	305	322	324	336	339	348	345	348
20	132	132	125	125	119	118	115	117	118	124	124	130	140	140	149	151	158	156	158
25	48.6	48.8	47.8	48.2	47.8	48.6	48.5	49.4	49.2	50.0	49.5	50.1	52.4	52.8	55.1	55.2	56.7	55.1	55.8
30	23.3	23.6	23.2	23.4	22.9	23.4	23.4	24.0	24.0	24.6	24.4	24.7	25.8	26.3	27.4	27.2	27.0	26.3	26.8
35	3.94	4.02	3.87	4.10	3.97	4.12	4.00	4.26	4.19	4.36	4.20	4.25	4.65	4.58	4.98	4.84	4.93	4.47	4.67
40	1.29	1.23	1.22	1.16	1.21	1.14	1.11	1.13	1.18	1.24	1.30	1.26	1.40	1.39	1.64	1.59	1.76	1.56	1.86
45	0.12	0.10	0.12	0.10	0.12	0.10	0.11	0.10	0.14	0.14	0.17	0.13	0.13	0.15	0.11	0.11	0.07	0.10	0.08
50	0.07	0.05	0.07	0.05	0.07	0.04	0.07	0.05	0.08	0.07	0.10	0.07	0.07	0.09	0.05	0.06	0.03	0.05	0.03
55	0.04	0.03	0.04	0.02	0.04	0.02	0.04	0.03	0.05	0.04	0.06	0.04	0.03	0.05	0.03	0.04	0.01	0.04	0.01
60	0.03	0.00	0.03	0.01	0.03	0.01	0.03	0.00	0.03	0.02	0.04	0.02	0.02	0.03	0.01	0.03	0.00	0.02	0.00
65	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.00
70	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.00
75	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
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	0.01	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
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:2017-06-06

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:220.8V I:0.0195A P:3.029W PF:0.7038 Lamp Flux:175.848x1 lm		
NAME: FF1-2W-940-24D Black	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L45mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	754	752	753	752	753														
5	720	715	706	701	691														
10	548	546	533	529	515														
15	339	338	328	324	311														
20	156	158	151	149	138														
25	54.8	55.3	52.9	51.9	49.7														
30	26.2	26.3	25.2	24.6	24.0														
35	4.49	4.64	4.59	4.52	4.15														
40	1.64	1.85	1.60	1.72	1.38														
45	0.11	0.11	0.13	0.11	0.13														
50	0.06	0.05	0.07	0.05	0.08														
55	0.04	0.02	0.04	0.03	0.05														
60	0.03	0.00	0.03	0.00	0.03														
65	0.02	0.00	0.02	0.00	0.02														
70	0.02	0.00	0.01	0.00	0.01														
75	0.01	0.00	0.01	0.00	0.01														
80	0.01	0.00	0.00	0.00	0.01														
85	0.00	0.00	0.00	0.00	0.00														
90	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:2017-06-06

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	757.8	757.0	755.1	755.2	753.5	754.2	752.4	753.5	752.1	753.3
3.0	726.2	722.9	715.9	714.1	707.1	708.3	705.5	706.7	706.5	712.8
6.0	654.8	651.1	643.1	640.5	633.3	634.3	629.9	635.8	635.9	644.0
9.0	547.3	545.0	533.4	533.0	524.5	525.6	519.8	527.4	526.7	537.4
12.0	418.1	416.4	407.1	405.9	398.0	399.6	393.1	400.0	400.5	412.7
15.0	302.0	299.9	292.3	291.8	282.8	282.3	279.0	284.1	284.3	293.5
18.0	187.5	186.0	178.1	177.4	169.4	170.5	165.3	169.7	168.2	176.2
21.0	108.3	106.7	102.5	102.2	98.69	98.30	96.29	97.68	97.80	101.2
24.0	57.03	57.54	56.27	56.67	55.70	56.92	56.66	57.78	57.11	58.27
27.0	36.47	36.53	35.69	36.05	35.36	35.90	35.82	36.34	36.09	37.17
30.0	23.31	23.59	23.24	23.37	22.93	23.39	23.41	23.95	23.99	24.62
33.0	10.18	10.89	10.46	10.99	10.50	11.61	11.62	12.14	11.45	12.52
36.0	3.053	3.115	3.037	3.161	3.109	3.215	3.107	3.276	3.252	3.392
39.0	1.684	1.675	1.621	1.640	1.639	1.587	1.549	1.616	1.668	1.736
42.0	0.2252	0.2051	0.2310	0.2138	0.2278	0.2094	0.2259	0.2182	0.2501	0.2576
45.0	0.1227	0.1004	0.1226	0.0961	0.1182	0.0961	0.1139	0.1048	0.1401	0.1376
48.0	0.0897	0.0612	0.0897	0.0612	0.0832	0.0633	0.0832	0.0699	0.1007	0.0939
51.0	0.0657	0.0415	0.0678	0.0393	0.0613	0.0349	0.0591	0.0436	0.0723	0.0655
54.0	0.0481	0.0306	0.0482	0.0262	0.0416	0.0306	0.0438	0.0284	0.0569	0.0437
57.0	0.0329	0.0109	0.0350	0.0109	0.0350	0.0109	0.0328	0.0175	0.0394	0.0262
60.0	0.0263	0.0022	0.0284	0.0065	0.0263	0.0065	0.0263	0.0044	0.0328	0.0175
63.0	0.0241	0	0.0219	0.0022	0.0197	0.0022	0.0240	0.0022	0.0241	0.0065
66.0	0.0175	0	0.0175	0.0022	0.0175	0.0022	0.0175	0.0022	0.0197	0.0022
69.0	0.0131	0	0.0110	0.0022	0.0131	0.0022	0.0131	0.0022	0.0153	0.0022
72.0	0.0109	0	0.0109	0.0022	0.0110	0.0022	0.0109	0.0022	0.0110	0.0022
75.0	0.0087	0	0.0087	0.0022	0.0087	0.0022	0.0088	0.0022	0.0087	0.0022
78.0	0.0066	0	0.0066	0.0022	0.0066	0.0022	0.0066	0.0022	0.0066	0.0022
81.0	0.0066	0	0.0066	0.0022	0.0044	0.0022	0.0066	0.0022	0.0066	0.0022
84.0	0.0066	0	0.0066	0.0022	0.0044	0.0022	0.0044	0.0022	0.0044	0.0022
87.0	0.0044	0	0.0044	0.0022	0.0044	0.0022	0.0044	0.0022	0.0044	0.0022
90.0	0.0022	0	0.0022	0.0022	0.0044	0.0022	0.0022	0.0022	0.0044	0.0022
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	752.2	753.1	757.8	757.0	755.1	755.2	754.2	753.5	752.4	753.3
3.0	714.4	719.7	733.6	736.9	742.0	746.3	749.0	751.4	754.4	749.8
6.0	647.5	655.8	672.2	673.8	682.9	685.4	693.7	694.4	699.5	695.6
9.0	541.2	554.1	573.4	577.4	586.9	589.4	598.0	594.2	596.9	589.8
12.0	413.7	426.9	445.1	448.0	462.3	462.2	470.5	468.0	468.7	460.5
15.0	295.7	305.2	322.4	324.0	336.2	338.8	348.0	344.6	347.6	339.2
18.0	176.8	184.8	198.0	200.3	211.4	213.5	222.0	220.9	225.0	219.0
21.0	101.9	105.5	114.0	115.1	123.8	124.2	131.5	127.8	131.8	128.3
24.0	57.60	58.66	61.80	64.40	65.35	67.76	67.60	68.51	67.42	68.43
27.0	36.79	37.53	39.42	39.79	41.18	41.31	41.41	40.13	40.72	39.93
30.0	24.39	24.67	25.78	26.30	27.38	27.21	26.98	26.27	26.78	26.22
33.0	12.03	12.19	12.79	13.18	14.12	13.71	13.67	13.27	13.94	13.20
36.0	3.291	3.299	3.404	3.409	3.644	3.673	3.586	3.306	3.485	3.380
39.0	1.748	1.714	1.840	1.830	2.074	2.101	2.140	1.906	2.118	1.971
42.0	0.2874	0.2445	0.2509	0.2578	0.2160	0.2017	0.1635	0.1851	0.1744	0.2109
45.0	0.1685	0.1311	0.1289	0.1467	0.1092	0.1094	0.0698	0.0963	0.0785	0.1139
48.0	0.1248	0.0896	0.0895	0.1072	0.0699	0.0744	0.0415	0.0635	0.0437	0.0788
51.0	0.0941	0.0612	0.0676	0.0766	0.0437	0.0547	0.0284	0.0460	0.0284	0.0547
54.0	0.0722	0.0415	0.0393	0.0569	0.0306	0.0437	0.0131	0.0372	0.0153	0.0438
57.0	0.0547	0.0284	0.0284	0.0438	0.0175	0.0328	0.0065	0.0284	0.0065	0.0306
60.0	0.0416	0.0218	0.0196	0.0350	0.0087	0.0262	0.0022	0.0241	0	0.0263
63.0	0.0350	0.0109	0.0109	0.0306	0.0044	0.0219	0	0.0197	0	0.0219
66.0	0.0241	0.0022	0.0065	0.0219	0	0.0197	0	0.0175	0	0.0175
69.0	0.0197	0.0022	0.0022	0.0197	0	0.0153	0	0.0153	0	0.0153
72.0	0.0153	0.0022	0.0022	0.0175	0	0.0153	0	0.0175	0	0.0153
75.0	0.0110	0.0022	0.0022	0.0131	0	0.0131	0	0.0109	0	0.0109
78.0	0.0131	0.0022	0.0022	0.0110	0	0.0131	0	0.0109	0	0.0087
81.0	0.0066	0.0022	0.0022	0.0087	0	0.0066	0	0.0087	0	0.0066
84.0	0.0066	0.0022	0.0022	0.0044	0	0.0066	0	0.0066	0	0.0044
87.0	0.0044	0.0022	0.0022	0.0022	0	0.0022	0	0.0044	0	0.0022
90.0	0.0022	0.0022	0.0022	0.0022	0	0	0	0.0022	0	0.0022
G/C	300.0	315.0	330.0	345.0						
0.0	752.1	753.3	752.2	753.1						
3.0	747.1	742.4	737.1	730.0						
6.0	690.5	679.8	673.9	662.7						
9.0	589.2	574.8	570.7	559.2						
12.0	459.5	446.7	442.1	428.2						
15.0	337.8	327.7	324.0	310.8						
18.0	219.2	209.7	206.9	196.0						
21.0	131.4	124.0	123.2	114.0						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-06

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	66.65	65.95	62.47	61.35
27.0	40.15	38.59	37.75	37.19
30.0	26.33	25.15	24.61	24.03
33.0	13.29	12.70	12.44	11.46
36.0	3.546	3.459	3.457	3.184
39.0	2.139	2.007	2.058	1.766
42.0	0.2051	0.2295	0.2117	0.2316
45.0	0.1069	0.1313	0.1092	0.1313
48.0	0.0677	0.0897	0.0720	0.0898
51.0	0.0415	0.0635	0.0437	0.0657
54.0	0.0284	0.0481	0.0284	0.0525
57.0	0.0131	0.0329	0.0131	0.0394
60.0	0.0043	0.0284	0.0043	0.0284
63.0	0	0.0219	0	0.0219
66.0	0	0.0153	0	0.0153
69.0	0	0.0131	0	0.0109
72.0	0	0.0087	0	0.0088
75.0	0	0.0066	0	0.0066
78.0	0	0.0066	0	0.0066
81.0	0	0.0044	0	0.0044
84.0	0	0.0044	0	0.0022
87.0	0	0.0000	0	0.0022
90.0	0	0	0	0.0022

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-06

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: