

LED Downlight FUSION Series FF2-4W-840-24D Specular



Light Output Ratio:	100.0%	
Luminaire Power:	5.623 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

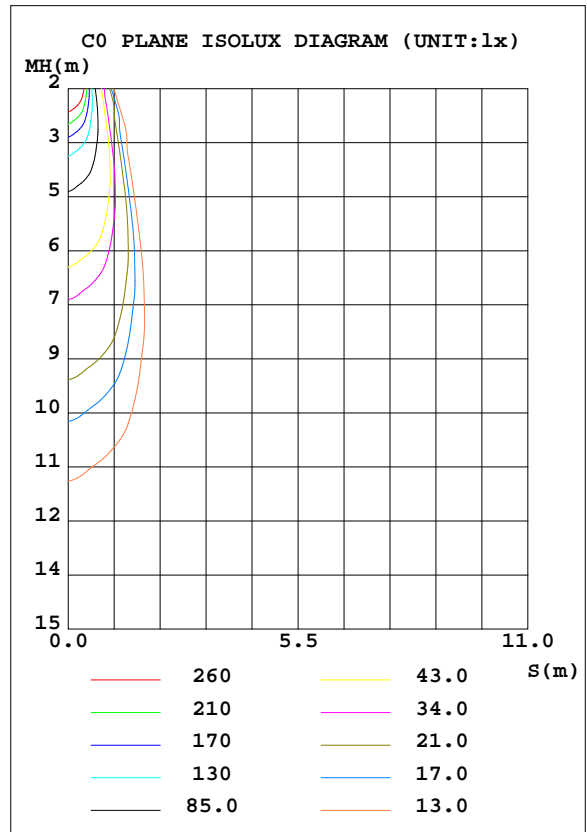
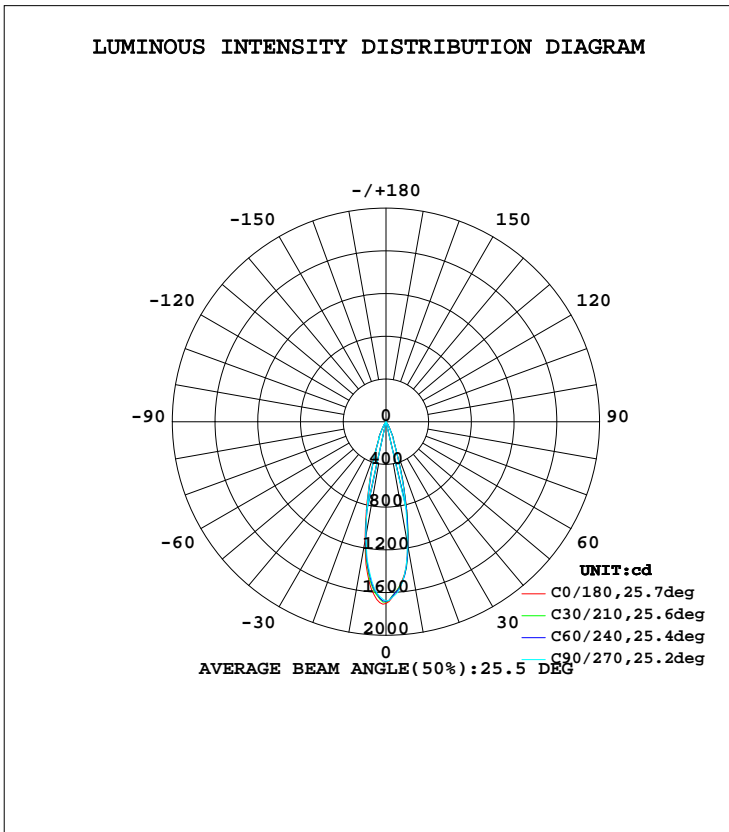
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-10

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:0.0327A P:5.623W PF:0.7796 Lamp Flux:384.555x1 lm		
NAME: FF2-4W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*W45mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 68.39 lm/W
MODEL	CREE-4000K	I _{max} (cd)	1709	S/MH(C0/180)	0.42	
NOMINAL POWER(W)	6.0	LOR(%)	100.0	S/MH(C90/270)	0.42	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	384.55	η UP, DN(C0-180)	0.0, 50.7	
NOMINAL FLUX(lm)	384.555	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.3	
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	



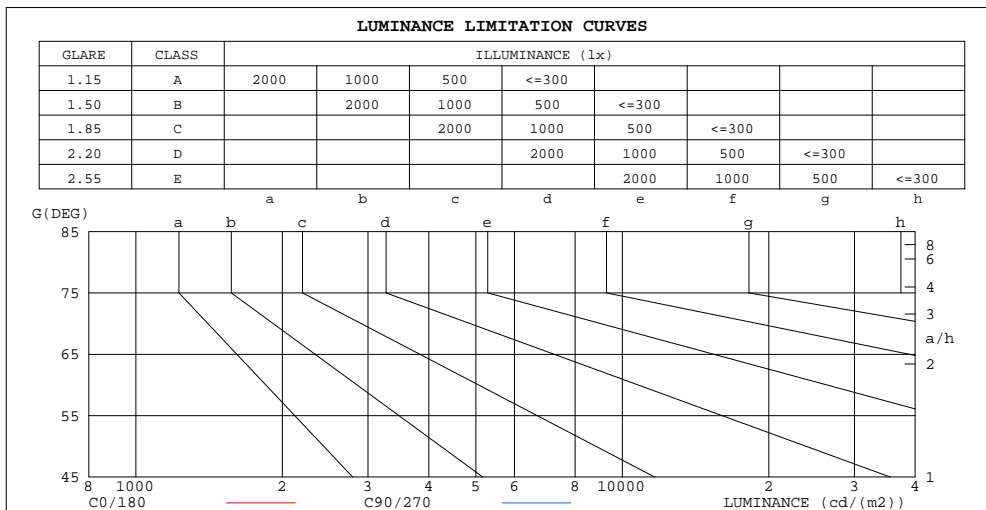
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**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1174	1200	1153	1133	1132	1088	1092	1130	0- 10	134.0	134.0	34.8,34.8
20	274.6	279.2	263.9	277.4	280.5	269.5	268.6	276.8	10- 20	170.8	304.7	79.2,79.2
30	61.94	60.76	58.20	57.70	56.98	54.73	57.13	62.07	20- 30	64.17	368.9	95.9,95.9
40	4.243	4.498	4.316	4.583	5.524	4.352	4.083	4.065	30- 40	13.99	382.9	99.6,99.6
50	0.9040	0.9853	1.041	0.7845	0.6139	0.5710	0.6227	0.7701	40- 50	1.054	383.9	99.8,99.8
60	0.2016	0.2489	0.3023	0.2467	0.1812	0.2035	0.2052	0.2364	50- 60	0.4320	384.4	100,100
70	0.0591	0.0546	0.0788	0.0590	0.0393	0.0700	0.0524	0.0678	60- 70	0.1148	384.5	100,100
80	0.0241	0.0218	0.0394	0.0175	0.0087	0.0350	0.0131	0.0328	70- 80	0.0427	384.5	100,100
90	0.0131	0.0131	0.0131	0.0131	0.0087	0.0109	0.0087	0.0109	80- 90	0.0176	384.6	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	56	80
80	44	72
75	48	70
70	55	73
65	72	100
60	128	192
55	268	359
50	446	514
45	550	539

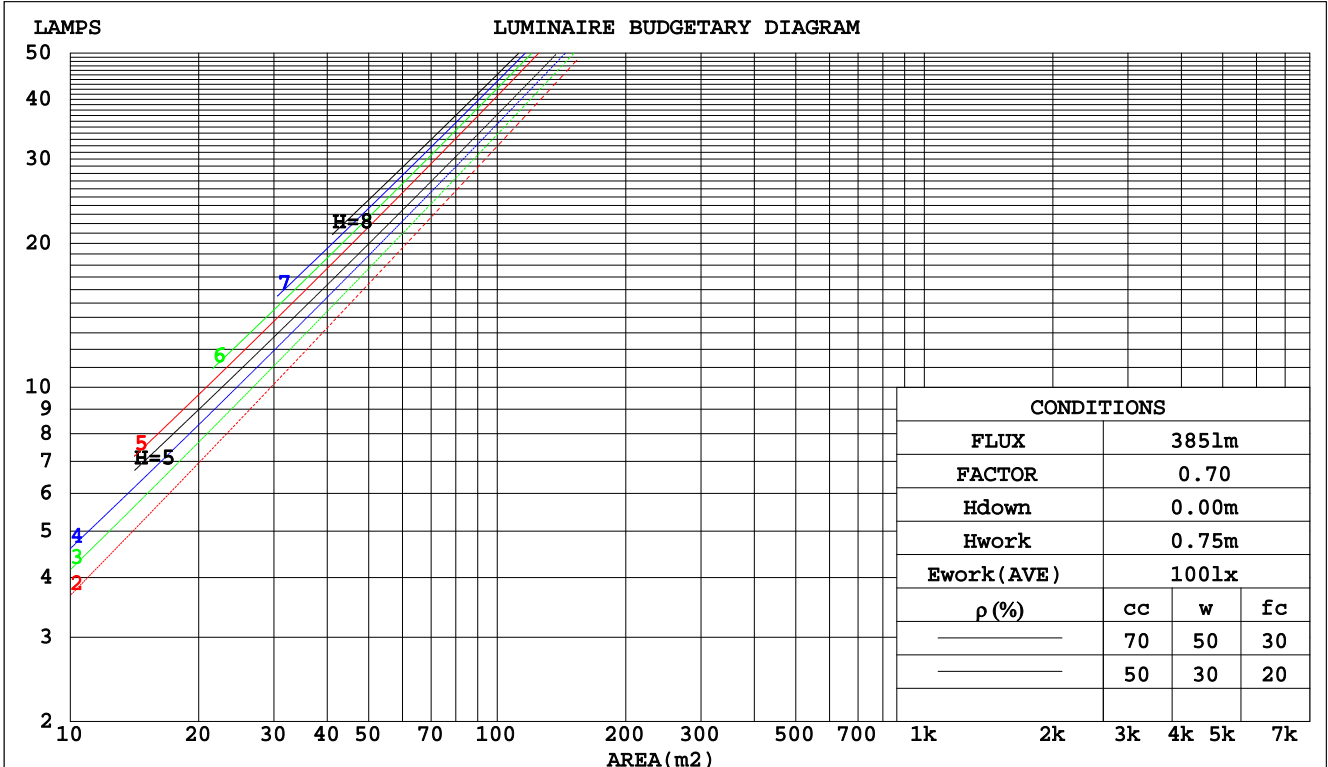
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0327A P:5.623W PF:0.7796 Lamp Flux:384.555x1 lm		
NAME: FF2-4W-840-24D Specular	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L70mm*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	.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	1.03	1.01	1.03	1.01	.99	1.00	.98	.97	.97	.96	.95	.93
3.0	1.03	.00	.97	1.02	.99	.96	.99	.97	.94	.97	.95	.93	.95	.93	.92	.90
4.0	.99	.95	.92	.98	.94	.92	.96	.93	.91	.94	.92	.90	.93	.90	.89	.88
5.0	.96	.91	.88	.95	.91	.88	.93	.90	.87	.92	.89	.87	.90	.88	.86	.85
6.0	.92	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.84	.88	.85	.83	.82
7.0	.89	.85	.82	.89	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.80
8.0	.87	.82	.80	.86	.82	.79	.85	.82	.79	.84	.81	.79	.83	.81	.79	.78
9.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.77	.81	.78	.76	.75
10.0	.82	.78	.75	.81	.77	.75	.81	.77	.75	.80	.77	.75	.79	.76	.74	.73



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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	.136	.077	.025	.129	.074	.023	.117	.067	.021	.106	.061	.020	.095	.055	.018	
2.0	.126	.069	.021	.121	.066	.020	.110	.061	.019	.101	.057	.018	.092	.052	.016	
3.0	.117	.063	.019	.113	.060	.018	.104	.057	.017	.097	.053	.016	.089	.049	.015	
4.0	.110	.057	.017	.106	.056	.016	.099	.053	.016	.093	.050	.015	.086	.047	.014	
5.0	.104	.053	.015	.101	.052	.015	.095	.049	.014	.089	.047	.014	.084	.045	.013	
6.0	.098	.049	.014	.096	.048	.014	.090	.046	.013	.085	.044	.013	.081	.043	.013	
7.0	.094	.046	.013	.091	.045	.013	.087	.044	.013	.082	.042	.012	.078	.041	.012	
8.0	.089	.044	.012	.087	.043	.012	.083	.042	.012	.079	.040	.012	.076	.039	.011	
9.0	.085	.041	.012	.084	.041	.011	.080	.040	.011	.077	.038	.011	.073	.037	.011	
10.0	.082	.039	.011	.080	.039	.011	.077	.038	.011	.074	.037	.010	.071	.036	.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	.127	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.105	.085	.069	.072	.059	.048	.042	.035	.029	.013	.011	.009	
5.0	.112	.086	.066	.096	.074	.057	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.089	.065	.049	.061	.046	.034	.036	.027	.020	.011	.009	.007	
7.0	.096	.067	.048	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.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	5.4	6.0	5.6	6.2	6.3	6.4	7.0	6.6	7.2	7.3
3H	5.2	5.8	5.5	6.0	6.2	6.3	6.9	6.5	7.0	7.2
4H	5.1	5.7	5.4	5.9	6.1	6.2	6.7	6.4	7.0	7.2
6H	5.1	5.6	5.3	5.8	6.1	6.1	6.6	6.4	6.9	7.1
8H	5.0	5.5	5.3	5.8	6.0	6.0	6.6	6.3	6.8	7.1
12H	5.0	5.5	5.3	5.7	6.0	6.0	6.5	6.3	6.8	7.0
4H 2H	5.1	5.7	5.4	5.9	6.1	6.2	6.7	6.4	7.0	7.2
3H	5.0	5.5	5.3	5.7	6.0	6.0	6.5	6.3	6.8	7.0
4H	4.9	5.3	5.2	5.6	5.9	5.9	6.4	6.2	6.7	7.0
6H	4.8	5.2	5.1	5.5	5.9	5.8	6.2	6.2	6.5	6.9
8H	4.7	5.1	5.1	5.4	5.8	5.8	6.1	6.1	6.5	6.8
12H	4.7	5.0	5.1	5.4	5.8	5.7	6.0	6.1	6.4	6.8
8H 4H	4.7	5.1	5.1	5.4	5.8	5.8	6.1	6.1	6.5	6.8
6H	4.6	4.9	5.0	5.3	5.7	5.6	6.0	6.1	6.3	6.8
8H	4.5	4.8	5.0	5.2	5.7	5.6	5.9	6.0	6.3	6.7
12H	4.5	4.7	5.0	5.2	5.6	5.5	5.8	6.0	6.2	6.7
12H 4H	4.7	5.0	5.1	5.4	5.8	5.7	6.0	6.1	6.4	6.8
6H	4.5	4.8	5.0	5.2	5.7	5.6	5.9	6.0	6.3	6.7
8H	4.5	4.7	4.9	5.2	5.6	5.5	5.8	6.0	6.2	6.7
Variations with the observer position at spacings:										
S = 1.0H	+ 3.4 / -10.4					+ 3.7 / - 8.8				
1.5H	+ 5.7 / - 7.2					+ 6.1 / - 6.5				
2.0H	+ 3.4 / - 5.7					+ 2.7 / - 5.4				

CIE Pub.117 Corrected 384.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.3)

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 γ Interval: 1.0DEG
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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	91	86	82	91	86	82	90	85	82	79
0.80	98	93	90	98	93	90	96	92	89	86
1.00	102	97	94	101	97	93	100	96	93	89
1.25	105	101	98	104	100	97	103	99	97	93
1.50	108	104	101	107	103	100	104	101	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	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

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ISOCANDELA DIAGRAM

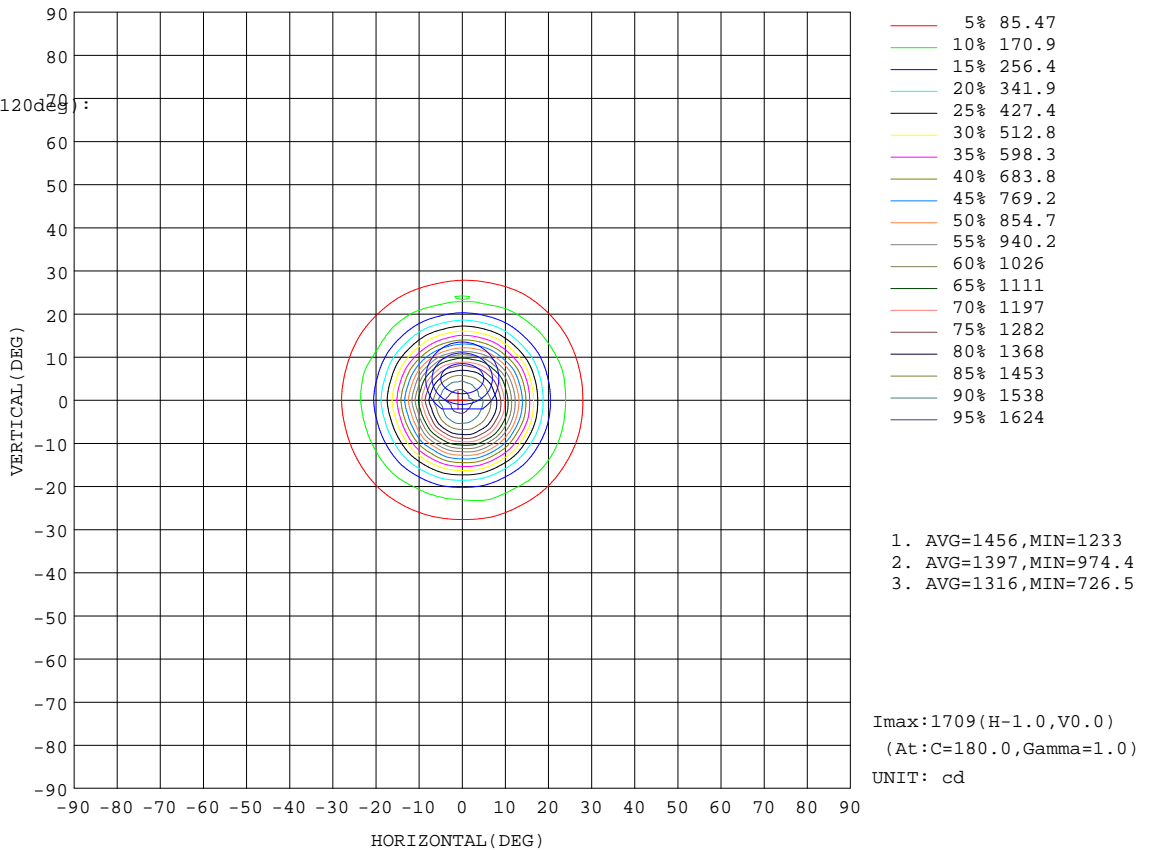
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Conical surface Flux(90deg):

383.59 lm
%lum = 99.7%
%lamp = 99.7%

Conical surface Flux(120deg):

384.38 lm
%lum = 100.0%
%lamp = 100.0%



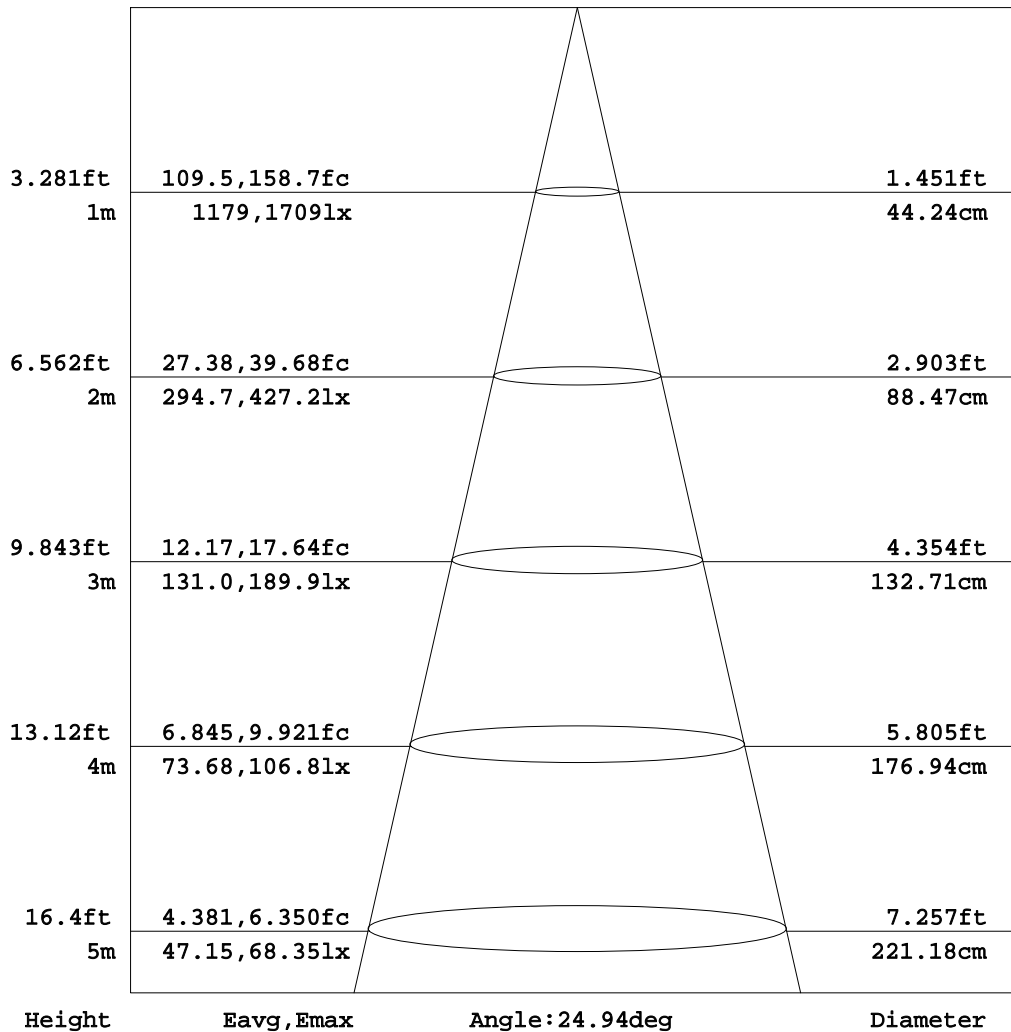
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AAI Figure

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Flux out:197.4 lm



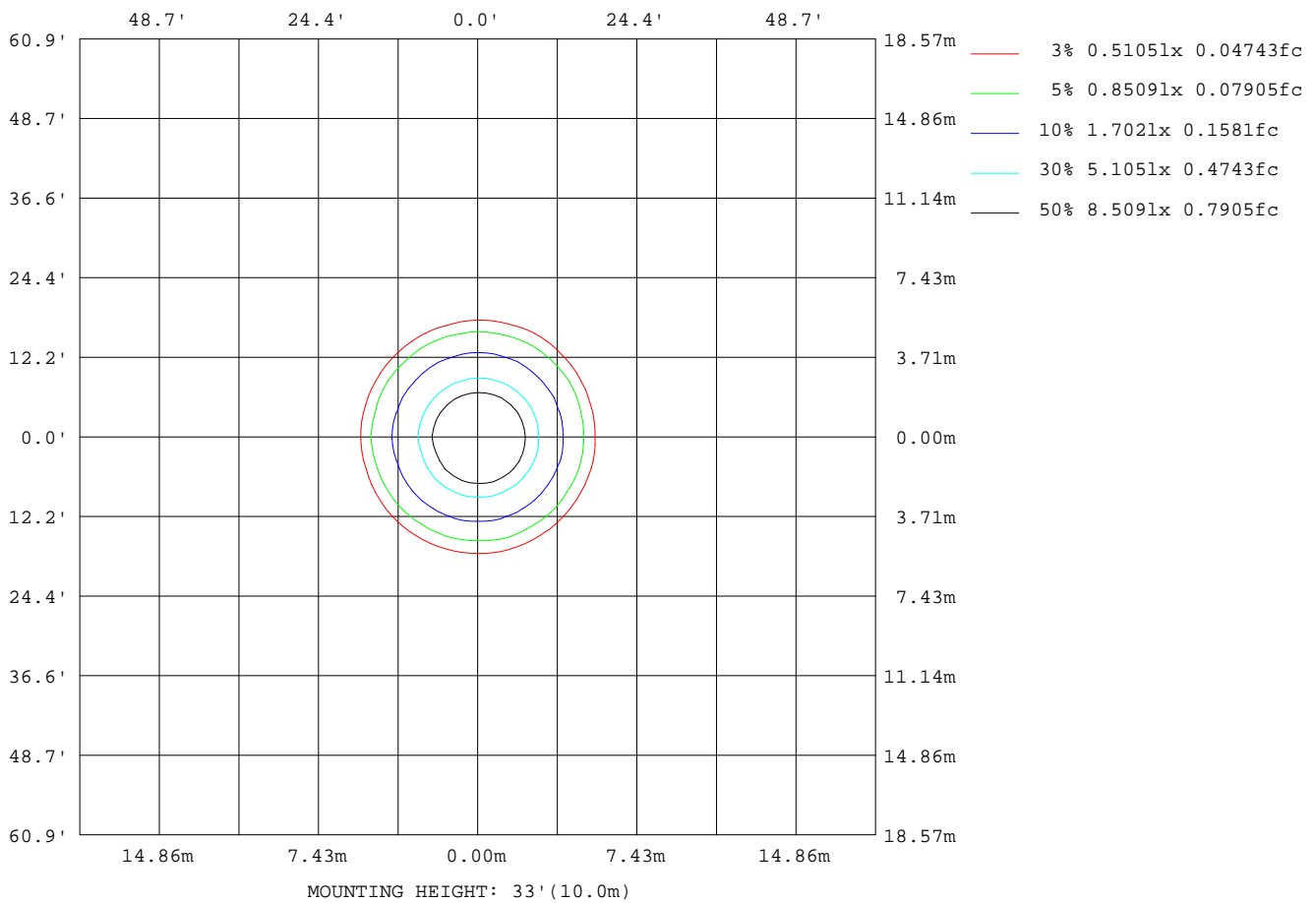
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

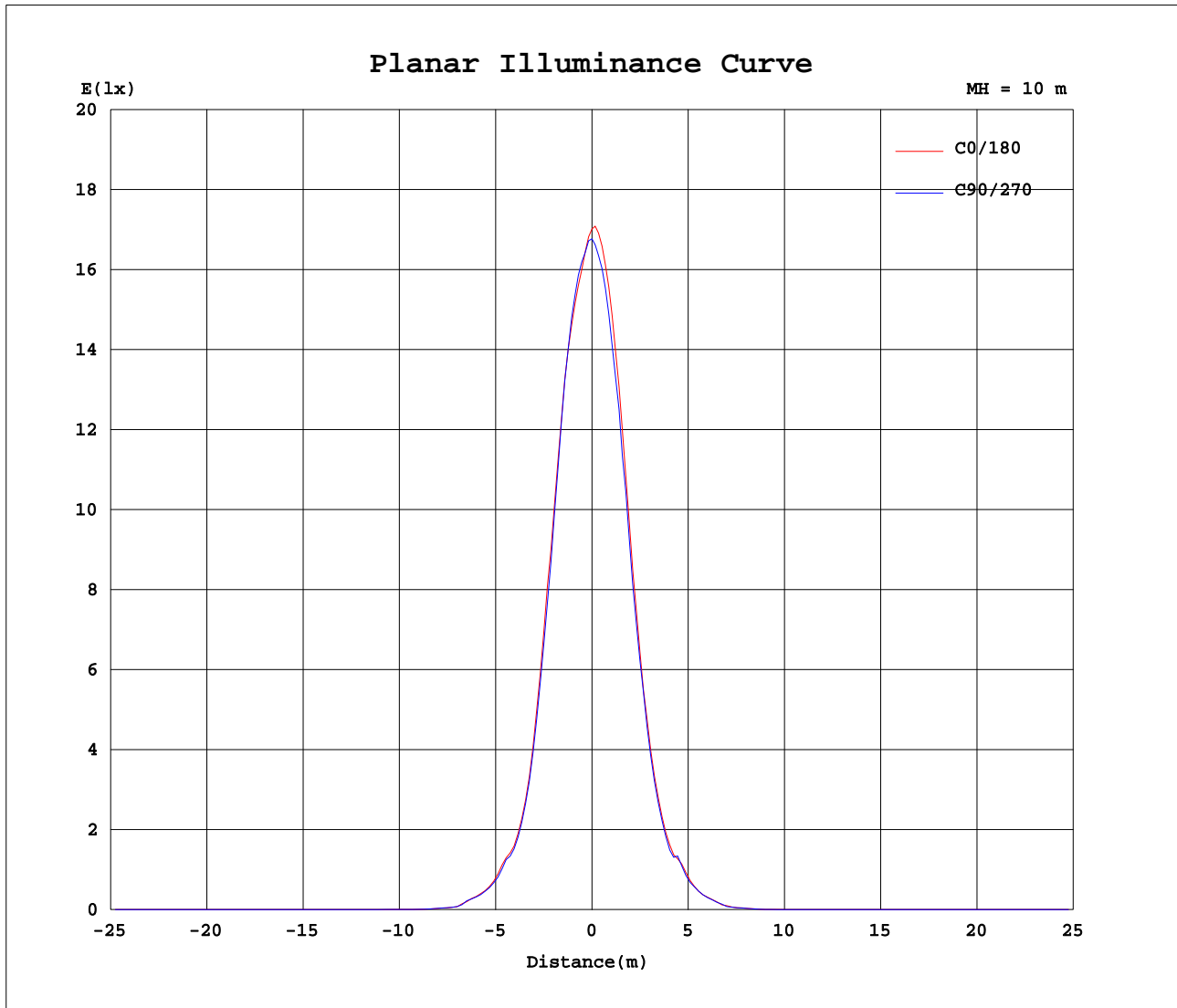
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1671	1672	1665	1666	1660														
5	1493	1504	1500	1507	1493														
10	1082	1119	1130	1158	1152														
15	604	619	629	652	656														
20	268	278	277	285	277														
25	143	146	148	154	153														
30	58.1	61.2	62.1	60.9	59.4														
35	14.6	16.0	15.3	15.2	14.0														
40	3.88	4.12	4.07	4.45	4.11														
45	0.82	0.88	0.95	1.01	1.05														
50	0.68	0.72	0.77	0.78	0.79														
55	0.45	0.46	0.48	0.47	0.44														
60	0.23	0.22	0.24	0.21	0.19														
65	0.11	0.09	0.11	0.08	0.09														
70	0.07	0.05	0.07	0.04	0.06														
75	0.05	0.03	0.05	0.03	0.04														
80	0.04	0.02	0.03	0.01	0.03														
85	0.02	0.01	0.02	0.01	0.02														
90	0.01	0.01	0.01	0.01	0.01														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-06-10

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	1702	1697	1688	1686	1681	1678	1677	1671	1672	1665
3.0	1606	1607	1604	1605	1607	1619	1626	1625	1631	1631
6.0	1486	1497	1494	1506	1501	1517	1505	1514	1504	1501
9.0	1273	1299	1288	1304	1284	1290	1265	1264	1239	1242
12.0	964.9	982.7	986.9	984.8	966.1	966.1	932.3	940.5	918.6	918.2
15.0	659.0	673.3	658.3	669.0	652.1	657.3	633.6	633.5	618.4	624.8
18.0	388.2	396.1	388.4	396.6	381.8	385.9	375.0	385.7	377.3	383.5
21.0	233.5	236.6	232.7	236.0	227.7	228.9	222.9	228.3	227.4	233.0
24.0	170.2	173.3	177.8	173.7	165.3	170.2	164.6	157.8	157.6	157.3
27.0	100.9	102.3	98.24	98.98	96.73	98.74	95.34	96.06	96.23	97.57
30.0	61.94	62.42	60.82	60.76	59.43	60.17	58.20	58.14	57.23	57.70
33.0	34.52	37.14	37.39	40.09	41.31	40.50	37.91	36.14	32.64	32.83
36.0	11.44	11.71	11.88	12.16	11.25	11.29	11.18	11.87	11.92	12.03
39.0	6.153	6.487	6.333	6.531	6.106	6.486	6.259	6.681	6.613	6.504
42.0	1.954	2.033	2.014	2.046	1.959	1.926	1.797	1.755	1.647	1.624
45.0	1.226	1.250	1.272	1.281	1.280	1.246	1.201	1.119	1.031	0.9224
48.0	1.057	1.064	1.105	1.125	1.162	1.158	1.146	1.078	0.9929	0.8546
51.0	0.8166	0.8257	0.8712	0.9044	0.9499	0.9722	0.9716	0.9286	0.8599	0.7407
54.0	0.5672	0.5700	0.6219	0.6509	0.6919	0.7252	0.7356	0.7121	0.6611	0.5724
57.0	0.3483	0.3471	0.4030	0.4214	0.4534	0.4716	0.4906	0.4739	0.4511	0.3909
60.0	0.2016	0.1921	0.2431	0.2489	0.2804	0.2794	0.3023	0.2860	0.2847	0.2467
63.0	0.1227	0.1048	0.1490	0.1419	0.1709	0.1637	0.1819	0.1637	0.1818	0.1485
66.0	0.0832	0.0677	0.0985	0.0852	0.1117	0.0939	0.1161	0.0983	0.1204	0.0961
69.0	0.0635	0.0415	0.0744	0.0612	0.0853	0.0634	0.0854	0.0634	0.0854	0.0590
72.0	0.0503	0.0284	0.0591	0.0437	0.0679	0.0459	0.0700	0.0480	0.0700	0.0459
75.0	0.0394	0.0284	0.0482	0.0328	0.0569	0.0350	0.0569	0.0350	0.0548	0.0328
78.0	0.0328	0.0131	0.0416	0.0262	0.0459	0.0306	0.0438	0.0262	0.0416	0.0284
81.0	0.0197	0.0131	0.0306	0.0153	0.0328	0.0175	0.0329	0.0109	0.0350	0.0131
84.0	0.0153	0.0131	0.0241	0.0131	0.0263	0.0131	0.0241	0.0109	0.0241	0.0131
87.0	0.0153	0.0131	0.0175	0.0131	0.0197	0.0131	0.0175	0.0109	0.0175	0.0131
90.0	0.0131	0.0131	0.0153	0.0131	0.0131	0.0131	0.0131	0.0109	0.0153	0.0131
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1666	1660	1702	1697	1688	1686	1681	1678	1677	1671
3.0	1622	1619	1665	1638	1629	1620	1613	1606	1609	1595
6.0	1477	1469	1509	1481	1481	1461	1451	1445	1434	1435
9.0	1215	1210	1243	1214	1214	1194	1201	1179	1177	1192
12.0	879.3	875.4	905.8	875.2	878.7	865.5	866.5	858.1	867.7	883.1
15.0	597.9	588.4	609.5	594.0	594.6	583.6	584.1	583.8	603.4	603.8
18.0	370.5	369.6	388.5	374.5	380.6	370.2	375.7	365.3	374.0	373.0
21.0	227.4	226.5	236.7	227.3	229.7	224.0	225.6	219.7	225.1	225.0
24.0	157.0	160.4	167.1	164.9	159.1	159.0	167.1	162.8	176.1	163.0
27.0	97.63	98.14	103.6	99.94	99.40	97.19	97.55	94.71	97.00	99.32
30.0	56.40	55.21	56.98	55.47	55.74	54.73	55.78	55.13	57.13	58.11
33.0	30.58	30.93	32.94	30.93	32.16	31.09	31.51	31.12	31.12	34.25
36.0	11.77	12.19	12.67	12.46	12.39	12.12	11.96	11.67	11.80	11.71
39.0	6.494	6.396	6.893	6.566	6.702	6.546	6.704	6.115	6.536	6.144
42.0	1.527	1.523	1.690	1.589	1.588	1.516	1.531	1.486	1.553	1.552
45.0	0.8280	0.7473	0.7952	0.7646	0.7426	0.7142	0.7165	0.7250	0.7605	0.8189
48.0	0.7545	0.6404	0.6861	0.6583	0.6228	0.6299	0.6163	0.6583	0.6841	0.7545
51.0	0.6411	0.5375	0.5723	0.5514	0.5264	0.5382	0.5330	0.5666	0.5855	0.6432
54.0	0.4969	0.4085	0.4324	0.4180	0.4019	0.4201	0.4150	0.4442	0.4565	0.4968
57.0	0.3481	0.2752	0.2904	0.2911	0.2773	0.2999	0.2926	0.3217	0.3209	0.3502
60.0	0.2299	0.1725	0.1812	0.1904	0.1790	0.2035	0.1899	0.2145	0.2052	0.2298
63.0	0.1533	0.1070	0.1135	0.1292	0.1135	0.1379	0.1266	0.1467	0.1288	0.1489
66.0	0.1029	0.0699	0.0742	0.0919	0.0721	0.1007	0.0786	0.1007	0.0808	0.0985
69.0	0.0788	0.0459	0.0480	0.0722	0.0502	0.0766	0.0611	0.0766	0.0590	0.0787
72.0	0.0591	0.0328	0.0327	0.0525	0.0349	0.0612	0.0416	0.0635	0.0393	0.0635
75.0	0.0524	0.0306	0.0284	0.0459	0.0284	0.0503	0.0284	0.0503	0.0284	0.0503
78.0	0.0416	0.0153	0.0087	0.0350	0.0218	0.0437	0.0284	0.0416	0.0305	0.0416
81.0	0.0328	0.0131	0.0087	0.0241	0.0109	0.0328	0.0109	0.0328	0.0109	0.0328
84.0	0.0263	0.0131	0.0087	0.0176	0.0109	0.0219	0.0087	0.0219	0.0087	0.0241
87.0	0.0175	0.0131	0.0087	0.0153	0.0109	0.0132	0.0087	0.0132	0.0087	0.0153
90.0	0.0153	0.0131	0.0087	0.0109	0.0109	0.0109	0.0087	0.0109	0.0087	0.0087
G/C	300.0	315.0	330.0	345.0						
0.0	1672	1665	1666	1660						
3.0	1587	1580	1587	1572						
6.0	1445	1450	1465	1460						
9.0	1219	1228	1250	1254						
12.0	913.1	924.6	947.3	951.8						
15.0	618.9	629.5	651.8	655.8						
18.0	387.5	385.7	397.2	388.9						
21.0	233.3	233.2	240.4	233.5						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-10

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	162.5	168.5	168.5	175.0
27.0	105.7	105.8	108.5	102.9
30.0	61.25	62.07	60.89	59.40
33.0	37.19	37.52	36.99	35.13
36.0	12.09	12.10	12.16	11.45
39.0	6.996	6.692	7.315	6.536
42.0	1.665	1.708	1.805	1.783
45.0	0.8785	0.9522	1.009	1.051
48.0	0.7911	0.8595	0.8806	0.9099
51.0	0.6706	0.7198	0.7251	0.7265
54.0	0.5111	0.5428	0.5285	0.5123
57.0	0.3515	0.3721	0.3492	0.3262
60.0	0.2204	0.2364	0.2051	0.1905
63.0	0.1331	0.1467	0.1156	0.1161
66.0	0.0786	0.0963	0.0655	0.0831
69.0	0.0589	0.0744	0.0437	0.0591
72.0	0.0394	0.0547	0.0306	0.0503
75.0	0.0306	0.0481	0.0284	0.0415
78.0	0.0284	0.0415	0.0153	0.0350
81.0	0.0109	0.0328	0.0109	0.0219
84.0	0.0066	0.0219	0.0109	0.0197
87.0	0.0066	0.0153	0.0109	0.0175
90.0	0.0066	0.0109	0.0109	0.0131

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-06-10

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: