

LED Downlight FUSION Series LE-FF5-11W-930-40D
Black



Light Output Ratio:	100.0%	
Luminaire Power:	12.81 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: 2017-06-05

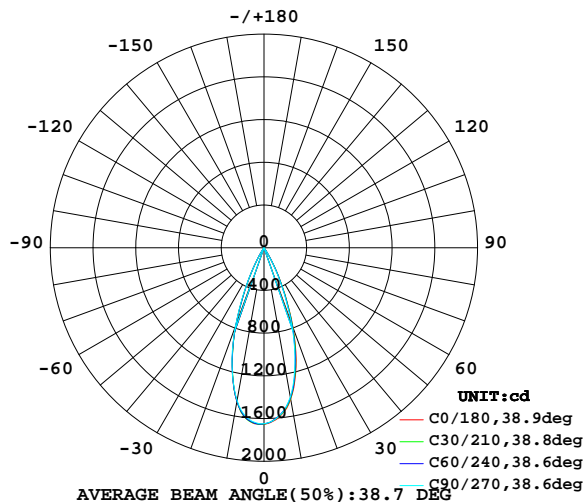
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

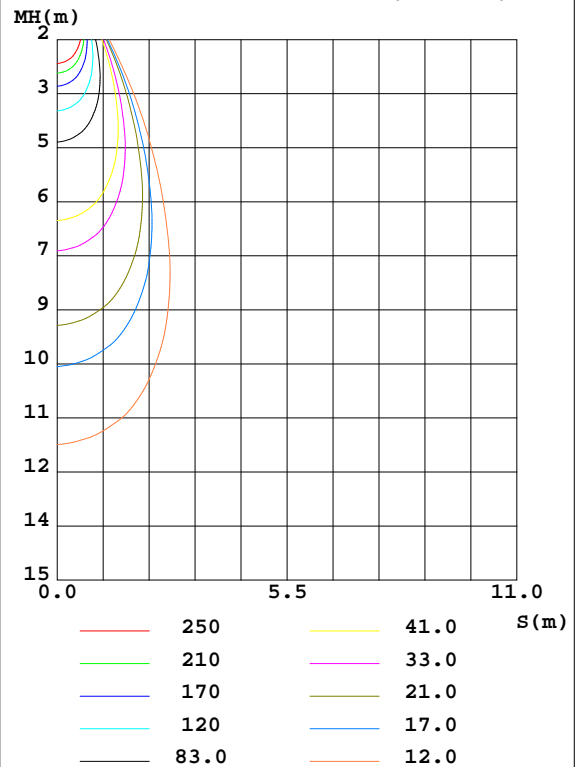
Test:U:220.7V I:0.0645A P:12.81W PF:0.8996 Lamp Flux:666.709x1 lm		
NAME: FF5-11W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 52.03 lm/W			
MODEL	CREE-3000K	Imax(cd)	1654	S/MH(C0/180)	0.60
NOMINAL POWER(W)	13.0	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	666.71	η UP,DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	666.709	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.2
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



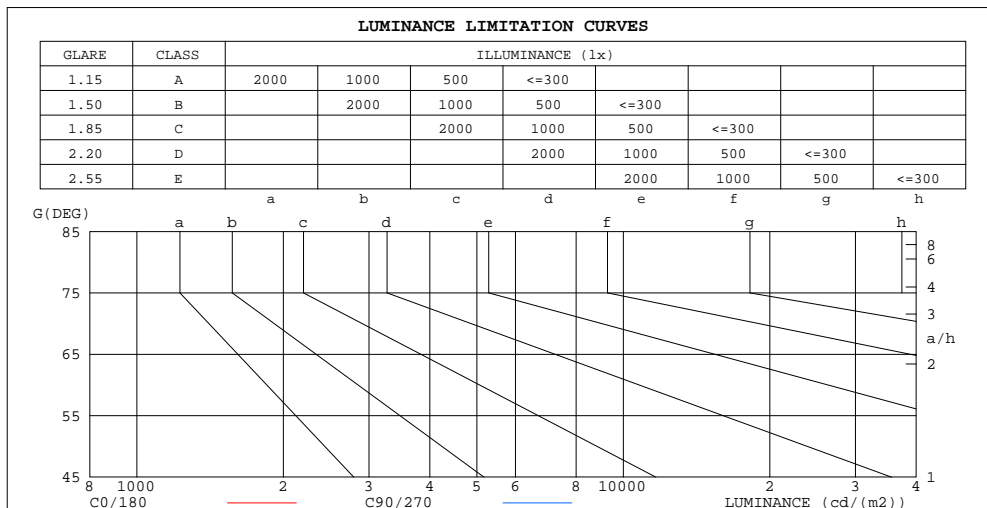
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 Temperature:25.3DEG
 Operators:Meng Yongjian
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γ Range: 0 - 90DEG
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
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 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	$\%lum, lamp$
10	1441	1436	1421	1435	1462	1456	1452	1453	0- 10	148.2	148.2	22.2,22.2
20	796.4	784.2	757.7	754.1	772.8	759.9	782.8	791.3	10- 20	311.1	459.2	68.9,68.9
30	148.5	155.4	135.4	131.0	130.2	118.3	133.5	142.9	20- 30	185.3	644.6	96.7,96.7
40	2.904	3.116	2.519	2.196	1.917	2.003	2.334	2.746	30- 40	21.26	665.8	99.9,99.9
50	0.2780	0.2971	0.3020	0.2950	0.2796	0.2604	0.2294	0.2626	40- 50	0.4898	666.3	99.9,99.9
60	0.1444	0.1421	0.1706	0.1486	0.1355	0.1465	0.1180	0.1400	50- 60	0.1793	666.5	100,100
70	0.0832	0.0765	0.1050	0.0830	0.0699	0.0897	0.0655	0.0875	60- 70	0.1085	666.6	100,100
80	0.0460	0.0350	0.0547	0.0372	0.0283	0.0525	0.0284	0.0503	70- 80	0.0658	666.7	100,100
90	0.0241	0.0241	0.0262	0.0262	0.0153	0.0153	0.0153	0.0153	80- 90	0.0322	666.7	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(°)	C0/180	C90/270
85	44	66
80	38	46
75	37	44
70	35	45
65	37	44
60	42	50
55	49	56
50	63	68
45	92	93

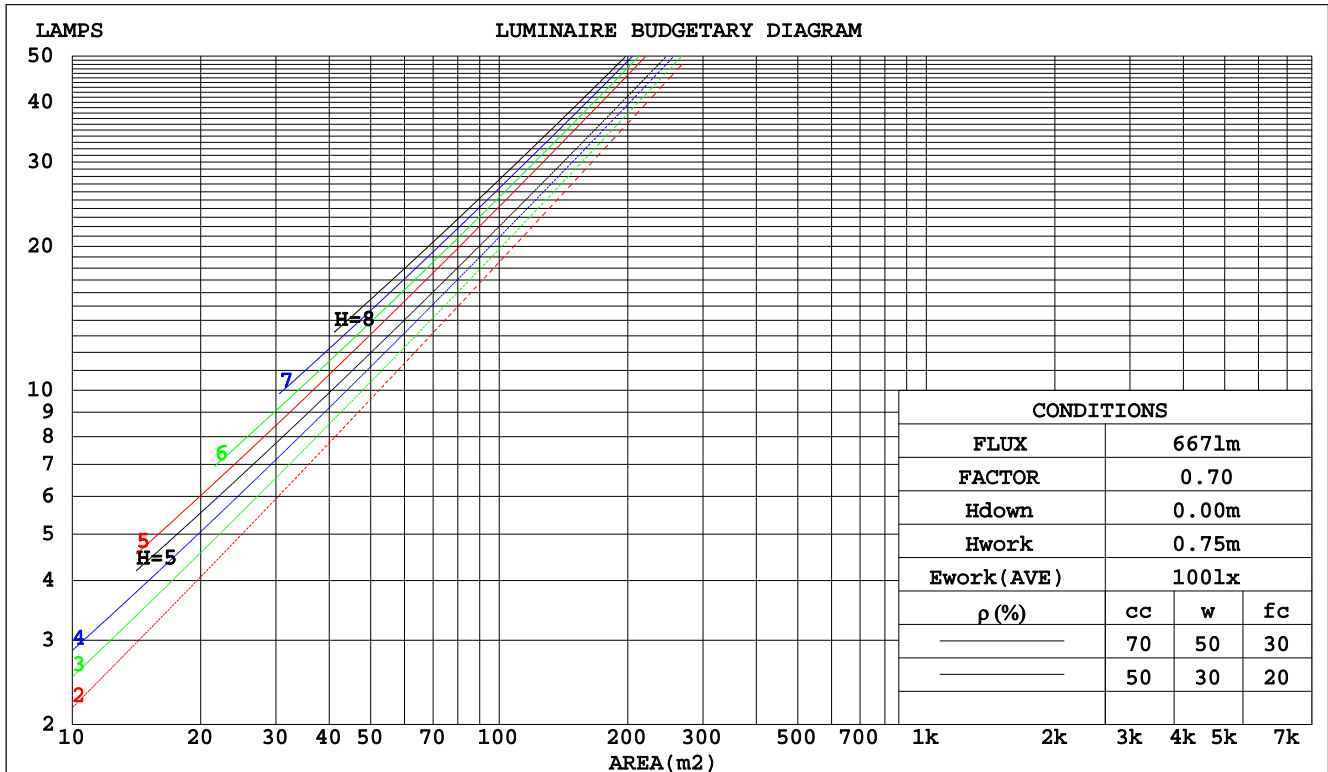
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γ Range: 0 - 90DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0645A P:12.81W PF:0.8996 Lamp Flux:666.709x1 lm		
NAME: FF5-11W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.00
1.0	1.12	1.10	1.09	1.10	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.07	1.03	1.01	1.05	1.02	.00	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.92	.95	.93	.91	.93	.91	.90	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.82	.81
6.0	.89	.84	.81	.88	.84	.81	.87	.83	.80	.86	.82	.80	.84	.82	.79	.78
7.0	.85	.81	.78	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
8.0	.82	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
9.0	.79	.75	.72	.79	.74	.71	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
10.0	.76	.72	.69	.76	.72	.69	.75	.71	.69	.75	.71	.68	.74	.71	.68	.67



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WEC AND CCEC

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pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.146	.083	.026	.139	.080	.025	.127	.073	.023	.116	.067	.021	.105	.061	.020		
2.0	.136	.075	.023	.131	.072	.022	.121	.067	.021	.111	.062	.020	.102	.058	.018		
3.0	.128	.068	.020	.123	.066	.020	.115	.062	.019	.107	.059	.018	.099	.055	.017		
4.0	.121	.063	.018	.117	.061	.018	.110	.058	.017	.103	.055	.017	.096	.052	.016		
5.0	.115	.058	.017	.111	.057	.017	.105	.055	.016	.099	.052	.016	.094	.050	.015		
6.0	.109	.055	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015	.091	.048	.014		
7.0	.104	.051	.015	.102	.051	.014	.097	.049	.014	.092	.047	.014	.088	.046	.013		
8.0	.100	.049	.014	.098	.048	.014	.093	.047	.013	.089	.045	.013	.086	.044	.013		
9.0	.096	.046	.013	.094	.046	.013	.090	.045	.013	.087	.043	.012	.083	.042	.012		
10.0	.092	.044	.012	.090	.044	.012	.087	.043	.012	.084	.042	.012	.081	.041	.012		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.107	.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	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.080	.053	.035	.056	.038	.025	.032	.022	.015	.010	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.051	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

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 γ Interval: 1.0DEG
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 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0645A P:12.81W PF:0.8996 Lamp Flux:666.709x1 lm											
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SPEC.:3000K					DIM.: L153mm*W45mm*H60mm						
MFR.:											
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	3H	3.6	4.3	3.8	4.5	4.6	3.2	3.9	3.4	4.1	4.2
	4H	3.4	4.1	3.7	4.3	4.5	3.0	3.7	3.3	3.9	4.1
	6H	3.3	4.0	3.6	4.2	4.4	3.0	3.6	3.2	3.8	4.0
	8H	3.3	3.9	3.5	4.1	4.3	2.9	3.5	3.2	3.7	4.0
	12H	3.2	3.8	3.5	4.0	4.3	2.8	3.4	3.1	3.7	3.9
	12H	3.2	3.7	3.5	4.0	4.3	2.8	3.4	3.1	3.6	3.9
4H	2H	3.3	4.0	3.6	4.2	4.4	3.0	3.6	3.2	3.8	4.0
	3H	3.2	3.7	3.5	4.0	4.3	2.8	3.3	3.1	3.6	3.9
	4H	3.1	3.6	3.4	3.9	4.2	2.7	3.2	3.0	3.5	3.8
	6H	3.0	3.4	3.4	3.8	4.1	2.6	3.0	3.0	3.4	3.7
	8H	2.9	3.3	3.3	3.7	4.1	2.6	3.0	2.9	3.3	3.7
	12H	2.9	3.3	3.3	3.6	4.0	2.5	2.9	2.9	3.2	3.6
8H	4H	2.9	3.3	3.3	3.7	4.1	2.5	3.0	2.9	3.3	3.7
	6H	2.8	3.2	3.2	3.6	4.0	2.4	2.8	2.9	3.2	3.6
	8H	2.8	3.1	3.2	3.5	3.9	2.4	2.7	2.8	3.1	3.5
	12H	2.7	3.0	3.2	3.4	3.9	2.3	2.6	2.8	3.0	3.5
12H	4H	2.9	3.3	3.3	3.6	4.0	2.5	2.9	2.9	3.2	3.6
	6H	2.8	3.1	3.2	3.5	3.9	2.4	2.7	2.8	3.1	3.5
	8H	2.7	3.0	3.2	3.4	3.9	2.3	2.6	2.8	3.0	3.5
Variations with the observer position at spacings:											
S = 1.0H		+ 5.0 / - 8.6				+ 4.9 / - 7.9					
1.5H		+ 7.7 / - 8.2				+ 7.6 / - 7.4					
2.0H		+ 1.5 / - 0.7				+ 1.2 / - 0.8					

CIE Pub.117 Corrected 666.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

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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:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0645A P:12.81W PF:0.8996 Lamp Flux:666.709x1 lm		
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MFR.:		

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	105	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	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):

666.18 lm

%lum = 99.9%

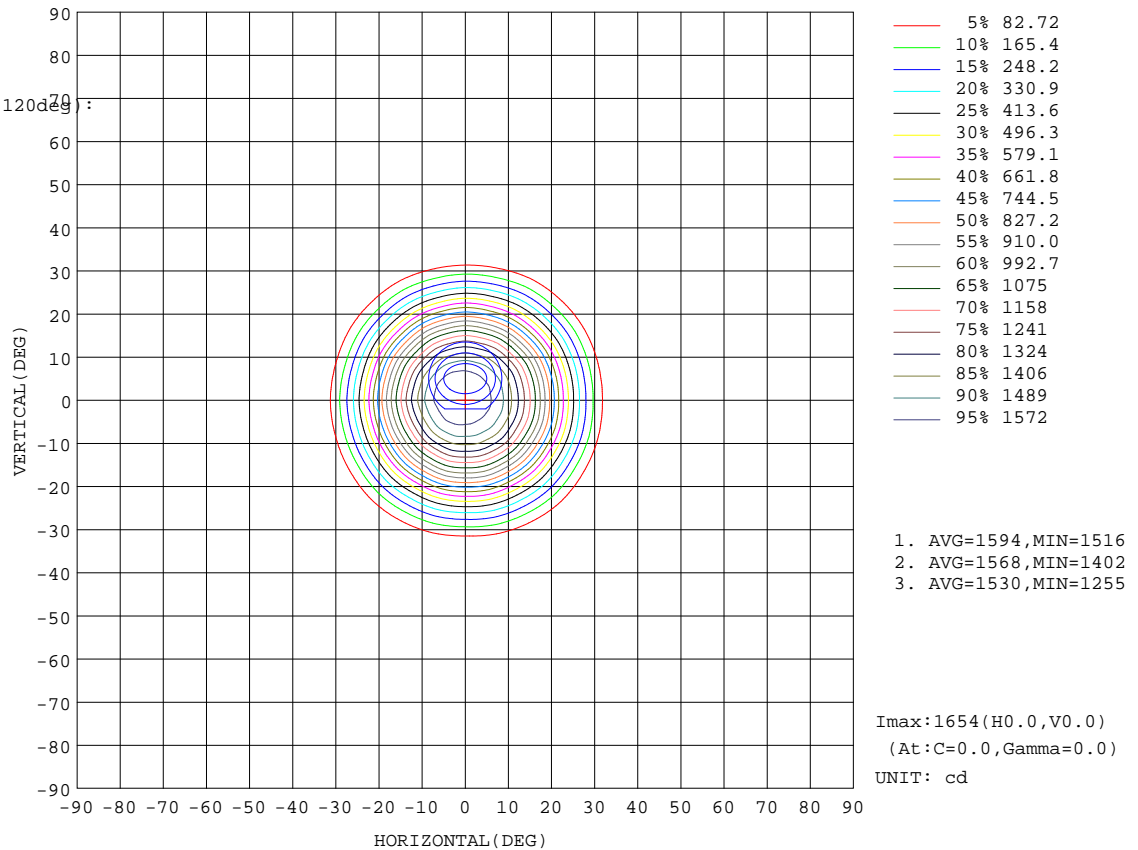
%lamp = 99.9%

Conical surface Flux(120deg):

666.5 lm

%lum = 100.0%

%lamp = 100.0%



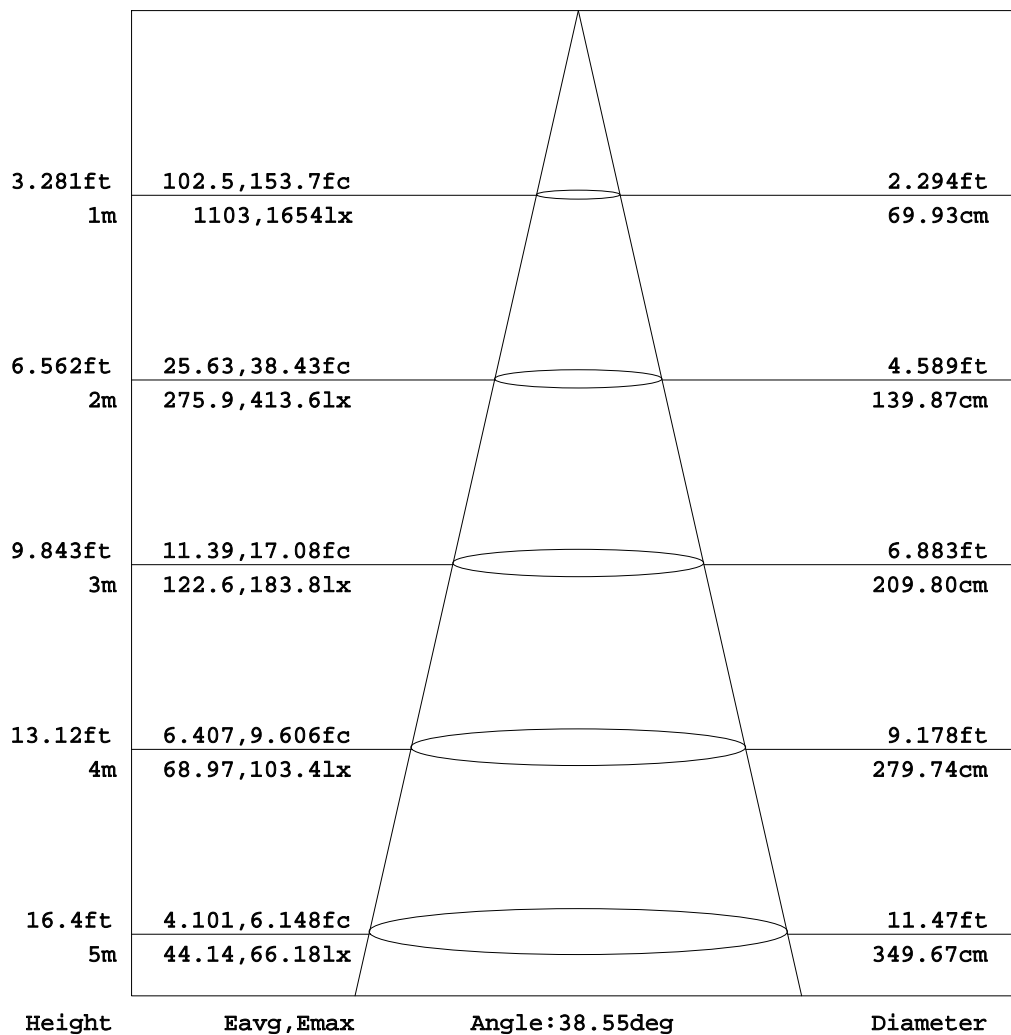
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AAI Figure

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Flux out:459.2 lm



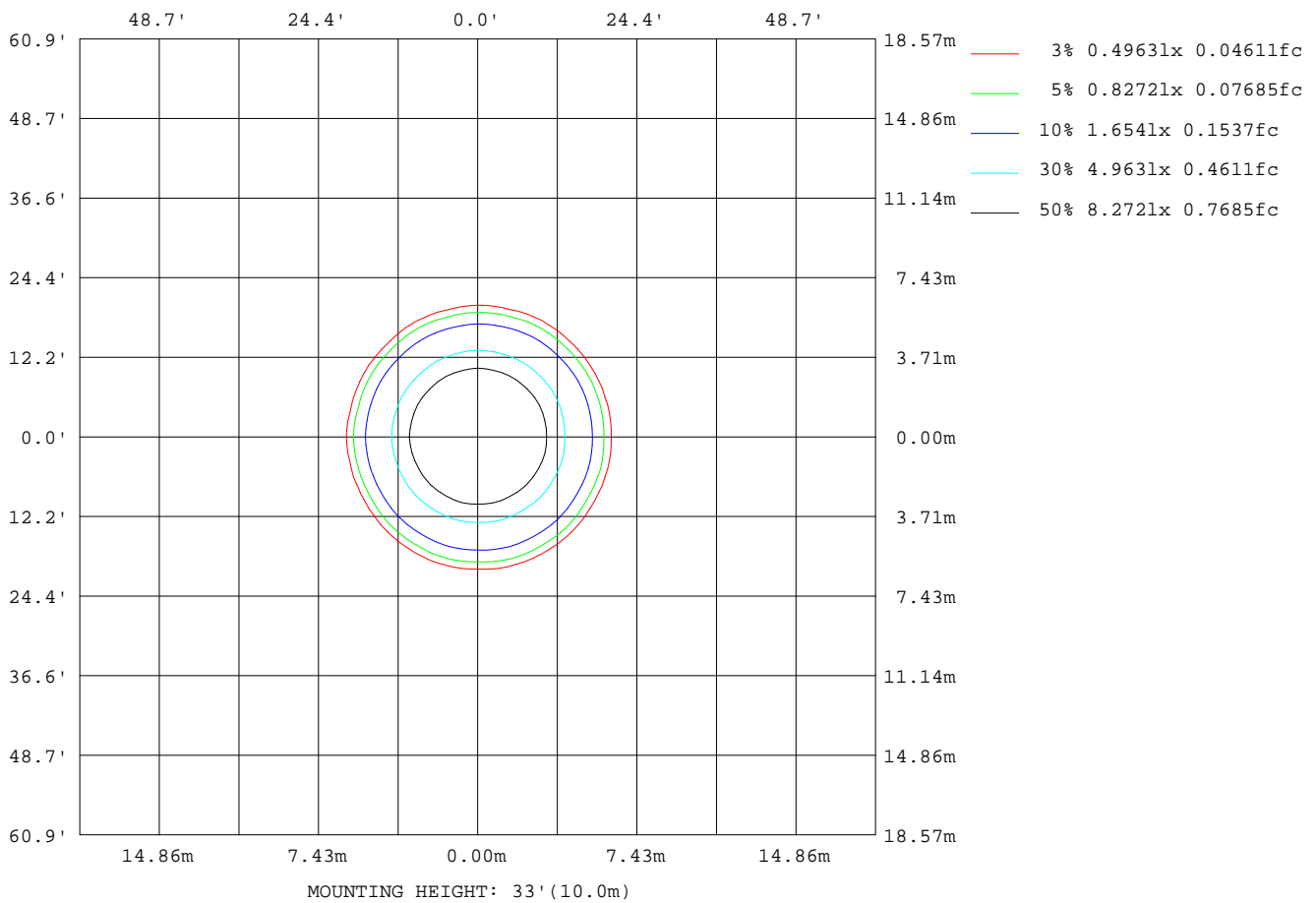
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

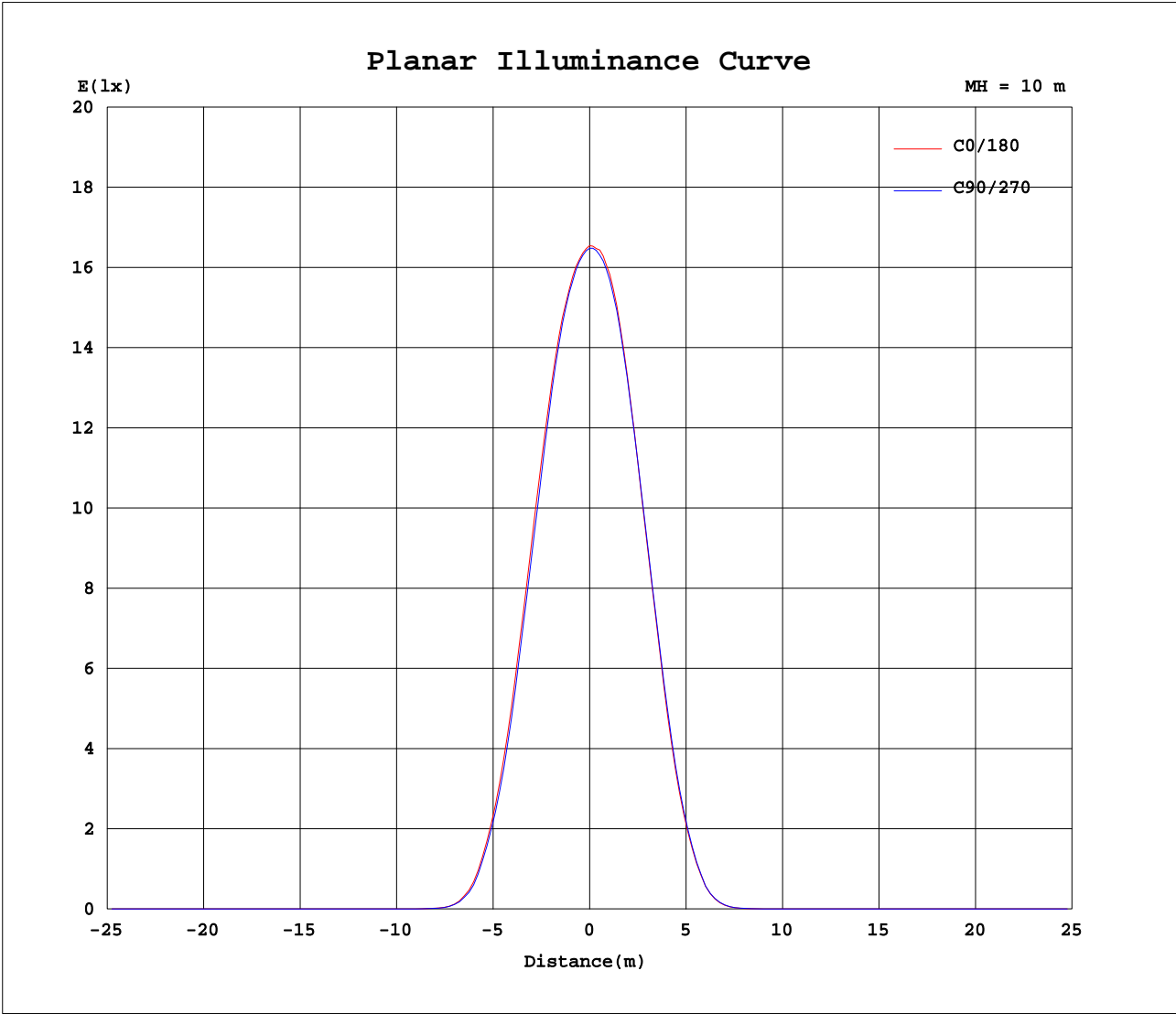
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Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.0645A P:12.81W PF:0.8996 Lamp Flux:666.709x1 lm		
NAME: FF5-11W-930-40D Black	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: L153mm*W45mm*H60mm	
MFR.:		

Table--2

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-05

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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:

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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	1654	1653	1651	1651	1649	1650	1648	1648	1647	1647
3.0	1627	1626	1621	1621	1619	1624	1622	1626	1629	1634
6.0	1572	1572	1566	1565	1560	1563	1563	1569	1575	1584
9.0	1484	1483	1476	1478	1468	1471	1464	1474	1474	1484
12.0	1341	1341	1331	1338	1327	1326	1313	1326	1318	1325
15.0	1161	1164	1148	1149	1134	1135	1120	1130	1118	1123
18.0	947.1	954.5	936.5	937.8	920.5	924.5	909.7	917.1	901.8	910.9
21.0	715.1	722.1	707.4	706.9	690.1	693.3	677.8	680.4	665.7	674.4
24.0	490.4	494.7	486.4	484.4	472.4	471.5	457.3	458.5	446.2	450.1
27.0	301.3	308.2	301.9	304.4	293.9	294.5	280.9	282.5	271.5	272.1
30.0	148.5	155.9	145.9	155.4	147.1	149.6	135.4	141.1	130.1	131.0
33.0	55.99	54.17	55.01	54.01	55.49	51.98	50.08	48.09	47.94	42.82
36.0	13.51	14.63	14.43	15.24	14.30	14.11	12.77	12.65	11.31	11.23
39.0	4.001	4.134	4.183	4.508	4.131	3.921	3.409	3.472	3.155	3.051
42.0	0.8598	0.8797	0.8679	0.8710	0.8471	0.8621	0.8365	0.8228	0.7873	0.7770
45.0	0.4490	0.4609	0.4621	0.4653	0.4620	0.4675	0.4510	0.4654	0.4532	0.4501
48.0	0.3305	0.3386	0.3458	0.3496	0.3545	0.3605	0.3501	0.3583	0.3523	0.3452
51.0	0.2582	0.2622	0.2714	0.2731	0.2867	0.2884	0.2823	0.2840	0.2845	0.2731
54.0	0.2079	0.2054	0.2188	0.2207	0.2385	0.2339	0.2319	0.2295	0.2363	0.2164
57.0	0.1707	0.1661	0.1816	0.1814	0.1991	0.1945	0.1947	0.1879	0.1969	0.1770
60.0	0.1444	0.1333	0.1510	0.1421	0.1706	0.1617	0.1706	0.1573	0.1684	0.1486
63.0	0.1203	0.1071	0.1312	0.1202	0.1444	0.1355	0.1444	0.1289	0.1422	0.1267
66.0	0.0985	0.0918	0.1116	0.0984	0.1203	0.1114	0.1203	0.1049	0.1225	0.1027
69.0	0.0897	0.0721	0.0963	0.0830	0.1028	0.0939	0.1050	0.0918	0.1072	0.0874
72.0	0.0744	0.0612	0.0831	0.0677	0.0875	0.0743	0.0919	0.0743	0.0941	0.0765
75.0	0.0657	0.0503	0.0722	0.0546	0.0744	0.0612	0.0788	0.0655	0.0831	0.0634
78.0	0.0569	0.0371	0.0656	0.0415	0.0634	0.0459	0.0656	0.0481	0.0679	0.0481
81.0	0.0438	0.0284	0.0547	0.0349	0.0503	0.0328	0.0525	0.0328	0.0547	0.0349
84.0	0.0328	0.0241	0.0438	0.0284	0.0416	0.0284	0.0416	0.0306	0.0395	0.0262
87.0	0.0241	0.0241	0.0328	0.0241	0.0306	0.0241	0.0328	0.0284	0.0328	0.0262
90.0	0.0241	0.0241	0.0262	0.0241	0.0241	0.0241	0.0262	0.0262	0.0262	0.0262

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1647	1654	1653	1651	1651	1649	1650	1648	1648	1647
3.0	1632	1638	1650	1645	1646	1647	1646	1640	1638	1634
6.0	1585	1591	1608	1607	1610	1604	1605	1595	1594	1588
9.0	1482	1490	1509	1505	1509	1505	1507	1497	1500	1493
12.0	1318	1329	1353	1342	1353	1343	1352	1343	1347	1341
15.0	1116	1132	1150	1142	1148	1141	1152	1146	1158	1151
18.0	903.8	914.3	931.4	922.1	928.7	919.7	931.4	925.8	939.7	934.6
21.0	667.0	673.0	688.3	679.8	688.5	676.5	687.7	684.4	702.0	696.0
24.0	439.3	442.7	456.0	446.6	453.9	446.7	455.7	453.1	469.4	470.5
27.0	260.8	262.6	271.0	263.2	266.6	261.3	270.1	269.2	280.2	282.1
30.0	117.2	123.4	130.2	118.5	124.2	118.3	129.8	123.5	133.5	132.0
33.0	39.96	40.11	42.76	39.70	41.11	39.65	42.75	41.70	44.82	48.23
36.0	10.16	9.971	10.50	9.655	10.33	9.810	10.48	10.17	11.27	11.56
39.0	2.692	2.723	2.762	2.690	2.826	2.929	3.118	3.081	3.197	3.315
42.0	0.7441	0.7356	0.7634	0.7563	0.7655	0.7324	0.7306	0.7250	0.7719	0.7532
45.0	0.4401	0.4304	0.4325	0.4334	0.4281	0.4006	0.3865	0.3700	0.3712	0.3810
48.0	0.3414	0.3277	0.3298	0.3304	0.3277	0.3019	0.2840	0.2779	0.2709	0.2801
51.0	0.2757	0.2579	0.2599	0.2669	0.2578	0.2450	0.2206	0.2210	0.2119	0.2254
54.0	0.2210	0.2120	0.2032	0.2188	0.2076	0.2013	0.1792	0.1859	0.1726	0.1838
57.0	0.1838	0.1727	0.1639	0.1838	0.1726	0.1728	0.1463	0.1553	0.1377	0.1553
60.0	0.1553	0.1377	0.1355	0.1553	0.1420	0.1465	0.1202	0.1334	0.1180	0.1334
63.0	0.1313	0.1137	0.1071	0.1334	0.1136	0.1247	0.0984	0.1138	0.0962	0.1137
66.0	0.1137	0.0962	0.0918	0.1159	0.0961	0.1072	0.0830	0.1006	0.0830	0.0963
69.0	0.1006	0.0808	0.0743	0.0984	0.0765	0.0962	0.0699	0.0875	0.0678	0.0853
72.0	0.0853	0.0634	0.0612	0.0832	0.0612	0.0809	0.0612	0.0766	0.0590	0.0722
75.0	0.0766	0.0568	0.0481	0.0700	0.0503	0.0678	0.0480	0.0678	0.0437	0.0656
78.0	0.0656	0.0393	0.0327	0.0569	0.0393	0.0612	0.0371	0.0569	0.0306	0.0547
81.0	0.0503	0.0306	0.0218	0.0438	0.0284	0.0481	0.0328	0.0438	0.0284	0.0459
84.0	0.0394	0.0262	0.0153	0.0350	0.0153	0.0350	0.0175	0.0350	0.0153	0.0328
87.0	0.0328	0.0262	0.0153	0.0262	0.0153	0.0241	0.0153	0.0263	0.0153	0.0241
90.0	0.0262	0.0262	0.0153	0.0175	0.0153	0.0153	0.0153	0.0175	0.0153	0.0175

G/C	300.0	315.0	330.0	345.0
0.0	1647	1647	1647	1646
3.0	1633	1630	1630	1624
6.0	1583	1581	1579	1573
9.0	1500	1497	1498	1485
12.0	1356	1351	1354	1344
15.0	1168	1162	1172	1163
18.0	946.1	945.1	959.7	952.4
21.0	710.4	711.6	727.1	720.4

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: Meng Yongjian

Test Date: 2017-06-05

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	484.0	486.6	498.5	494.3
27.0	294.8	296.7	307.2	304.7
30.0	146.6	142.9	153.9	150.4
33.0	50.30	53.00	53.64	56.50
36.0	13.32	13.71	15.22	14.13
39.0	3.762	3.868	4.201	4.045
42.0	0.7833	0.8247	0.9250	0.8923
45.0	0.4018	0.4226	0.4760	0.4576
48.0	0.2861	0.3085	0.3429	0.3326
51.0	0.2184	0.2450	0.2643	0.2648
54.0	0.1748	0.2013	0.2054	0.2144
57.0	0.1376	0.1684	0.1703	0.1772
60.0	0.1136	0.1400	0.1355	0.1487
63.0	0.0962	0.1246	0.1114	0.1225
66.0	0.0787	0.1050	0.0896	0.1050
69.0	0.0656	0.0918	0.0765	0.0919
72.0	0.0611	0.0788	0.0612	0.0809
75.0	0.0481	0.0678	0.0502	0.0700
78.0	0.0371	0.0569	0.0393	0.0591
81.0	0.0284	0.0503	0.0306	0.0503
84.0	0.0175	0.0372	0.0239	0.0416
87.0	0.0153	0.0241	0.0153	0.0263
90.0	0.0153	0.0153	0.0153	0.0175

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-06-05

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: