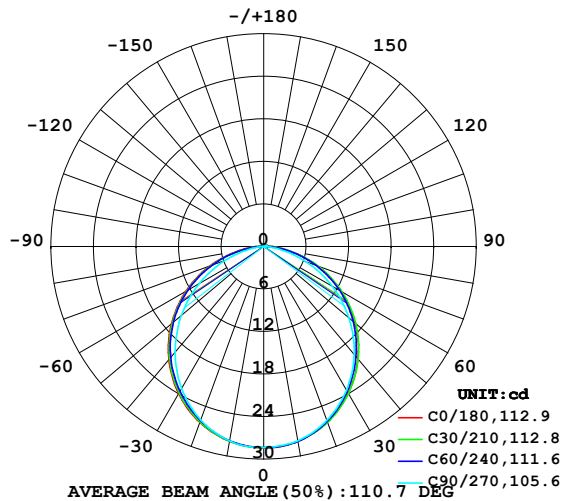


LUMINAIRE PHOTOMETRIC TEST REPORT

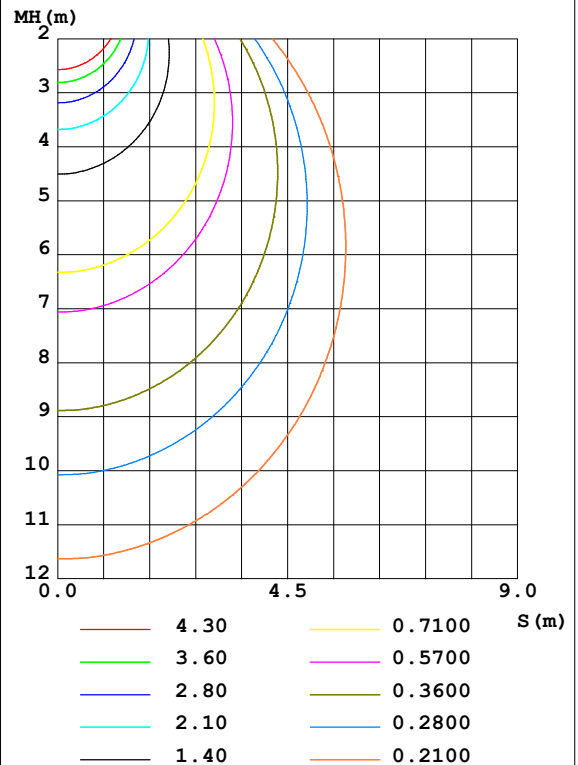
Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 18.23 lm/W			
MODEL	3528	I _{max} (cd)	28.42	S/MH (C0/180)	1.26
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	81.245	η UP, DN (C0-180)	0.8, 49.4
NOMINAL FLUX (lm)	81.2445	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 49.4
LAMPS INSIDE	1	η up (%)	1.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	98.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	27.90	27.90	27.84	27.75	27.90	27.85	27.84	27.90	0- 10	2.684	2.684	3.3,3.3
20	26.35	26.33	26.11	26.12	26.40	26.23	26.03	26.28	10- 20	7.667	10.35	12.7,12.7
30	23.90	23.78	23.40	23.62	24.00	23.73	23.15	23.68	20- 30	11.54	21.89	26.9,26.9
40	20.68	20.51	19.86	20.38	20.83	20.54	19.45	20.45	30- 40	13.83	35.72	44,44
50	16.87	16.74	15.72	16.54	16.99	16.73	15.15	16.86	40- 50	14.29	50.01	61.6,61.6
60	12.61	12.53	11.13	12.22	12.68	12.41	10.49	12.69	50- 60	12.89	62.90	77.4,77.4
70	8.081	8.044	6.383	7.614	8.066	7.779	5.788	8.217	60- 70	9.839	72.74	89.5,89.5
80	3.673	3.644	2.062	3.199	3.620	3.287	1.556	3.762	70- 80	5.674	78.41	96.5,96.5
90	0.9163	0.7288	0.2412	0.6357	0.7876	0.5431	0.1168	0.6938	80- 90	1.797	80.21	98.7,98.7
100	0.3531	0.3943	0.2866	0.4418	0.3760	0.3015	0.1436	0.2718	90-100	0.4276	80.64	99.3,99.3
110	0.3593	0.3137	0.3336	0.4351	0.2401	0.2344	0.1809	0.2642	100-110	0.3335	80.97	99.7,99.7
120	0.3719	0.0547	0.3669	0.2901	0.0400	0.1780	0.0560	0.1520	110-120	0.2640	81.23	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0097	81.24	100,100
140	0	0	0	0	0	0	0	0	130-140	0	81.24	100,100
150	0	0	0	0	0	0	0	0	140-150	0	81.24	100,100
160	0	0	0	0	0	0	0	0	150-160	0	81.24	100,100
170	0	0	0	0	0	0	0	0	160-170	0	81.24	100,100
180	0	0	0	0	0	0	0	0	170-180	0	81.24	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 42.925 lm

%lum = 52.8%

%lamp = 52.8%

Conical surface Flux(120deg): 62.899 lm

%lum = 77.4%

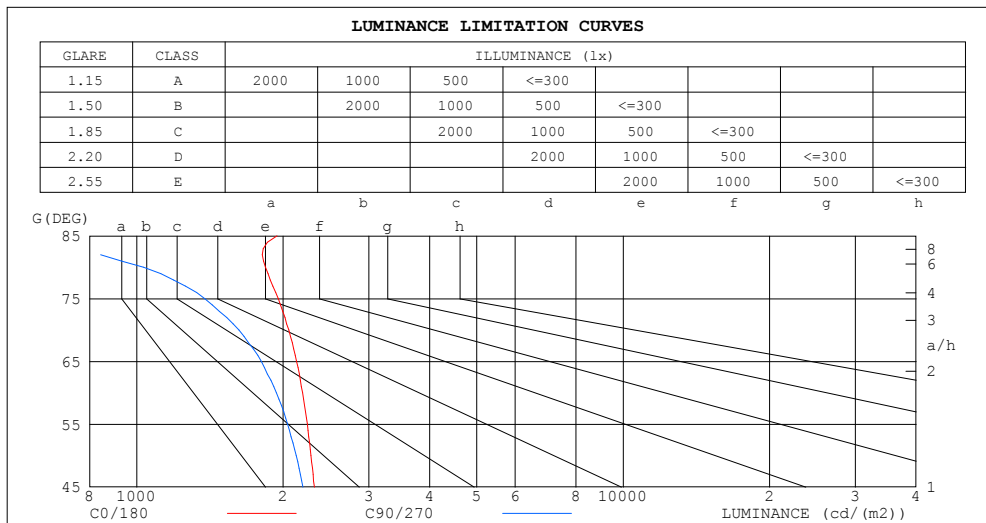
%lamp = 77.4%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1944	484
80	1839	1033
75	1955	1380
70	2054	1623
65	2131	1805
60	2193	1936
55	2241	2041
50	2282	2126
45	2318	2197

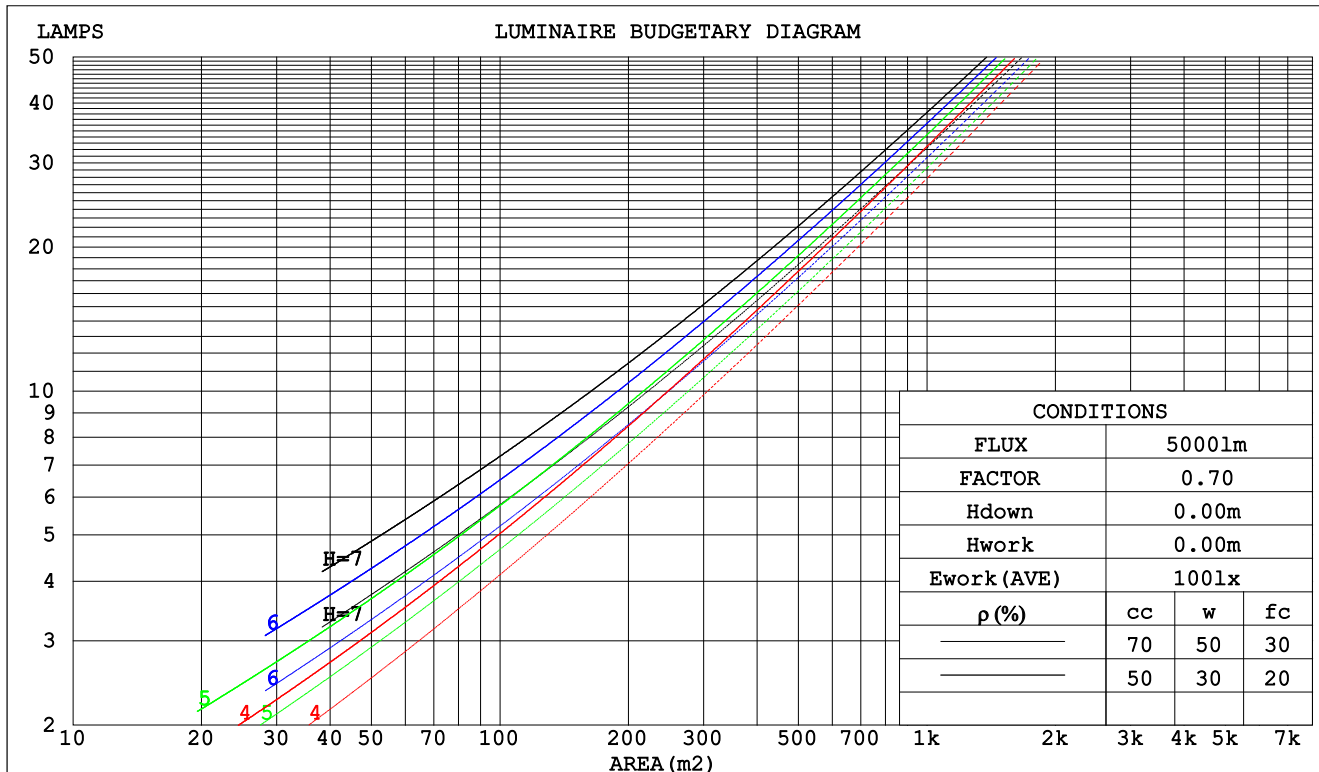
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

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	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.68	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

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	.313	.178	.056	.305	.174	.055	.291	.167	.053	.278	.161	.052	.267	.154	.050		
2.0	.293	.160	.049	.286	.158	.049	.274	.152	.047	.262	.147	.046	.252	.142	.045		
3.0	.270	.144	.043	.265	.142	.043	.254	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.249	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.084	.025		
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.074	.021		

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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.166	.144	.163	.142	.124	.111	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.182	.142	.108	.156	.122	.093	.107	.084	.065	.062	.049	.038	.020	.016	.012	
3.0	.174	.124	.084	.150	.107	.073	.103	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.167	.111	.068	.143	.096	.059	.098	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.159	.101	.057	.137	.087	.050	.094	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.152	.092	.049	.131	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.043	.125	.074	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005	
8.0	.139	.080	.039	.120	.069	.034	.083	.048	.024	.048	.029	.014	.016	.009	.005	
9.0	.133	.075	.035	.114	.065	.031	.079	.046	.022	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.033	.110	.061	.028	.076	.043	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm											
NAME: SF15-12V-3528-72-6500-80						TYPE:硅胶			WEIGHT:		
SPEC.:						DIM.: 21mm*11.5mm			SERIAL No.:2021122209		
MFR.: OLYMPIA						SUR.:1*0.0115			Shielding Angle:		
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	24.4	25.9	24.7	26.2	26.4	24.0	25.5	24.3	25.8	26.0	
	3H	26.0	27.4	26.3	27.7	27.9	25.4	26.8	25.7	27.1	27.3
	4H	26.7	28.0	27.0	28.3	28.6	25.9	27.2	26.2	27.5	27.8
	6H	27.2	28.4	27.5	28.7	29.0	26.1	27.4	26.5	27.7	28.0
	8H	27.4	28.6	27.7	28.9	29.2	26.2	27.4	26.5	27.7	28.0
	12H	27.5	28.7	27.9	29.0	29.3	26.2	27.3	26.5	27.6	28.0
4H	2H	25.0	26.4	25.4	26.6	26.9	24.7	26.1	25.1	26.3	26.6
	3H	26.8	28.0	27.2	28.3	28.6	26.3	27.5	26.7	27.8	28.2
	4H	27.6	28.7	28.0	29.0	29.4	27.0	28.0	27.4	28.4	28.7
	6H	28.3	29.2	28.7	29.6	30.0	27.4	28.3	27.8	28.7	29.1
	8H	28.5	29.4	28.9	29.8	30.2	27.5	28.3	27.9	28.7	29.1
	12H	28.7	29.5	29.2	29.9	30.4	27.5	28.3	27.9	28.7	29.1
8H	4H	27.9	28.8	28.3	29.2	29.6	27.3	28.2	27.8	28.6	29.0
	6H	28.7	29.5	29.2	29.9	30.3	27.9	28.7	28.4	29.1	29.6
	8H	29.1	29.7	29.5	30.2	30.6	28.1	28.8	28.6	29.2	29.7
	12H	29.4	29.9	29.9	30.4	30.9	28.2	28.8	28.7	29.2	29.7
12H	4H	27.9	28.7	28.4	29.1	29.6	27.4	28.2	27.8	28.6	29.0
	6H	28.8	29.4	29.3	29.9	30.4	28.0	28.7	28.5	29.1	29.6
	8H	29.2	29.7	29.7	30.2	30.7	28.3	28.8	28.8	29.3	29.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

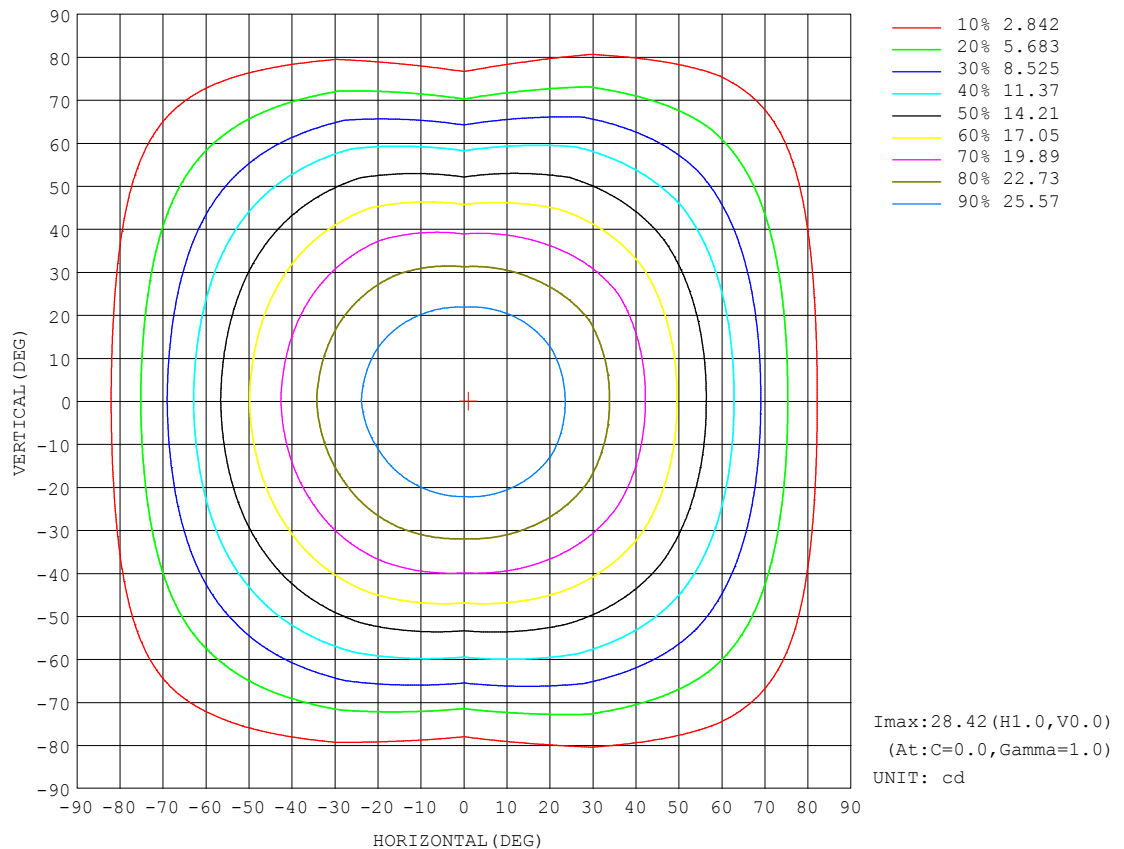
CIE Pub.117, 81.24 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -8.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

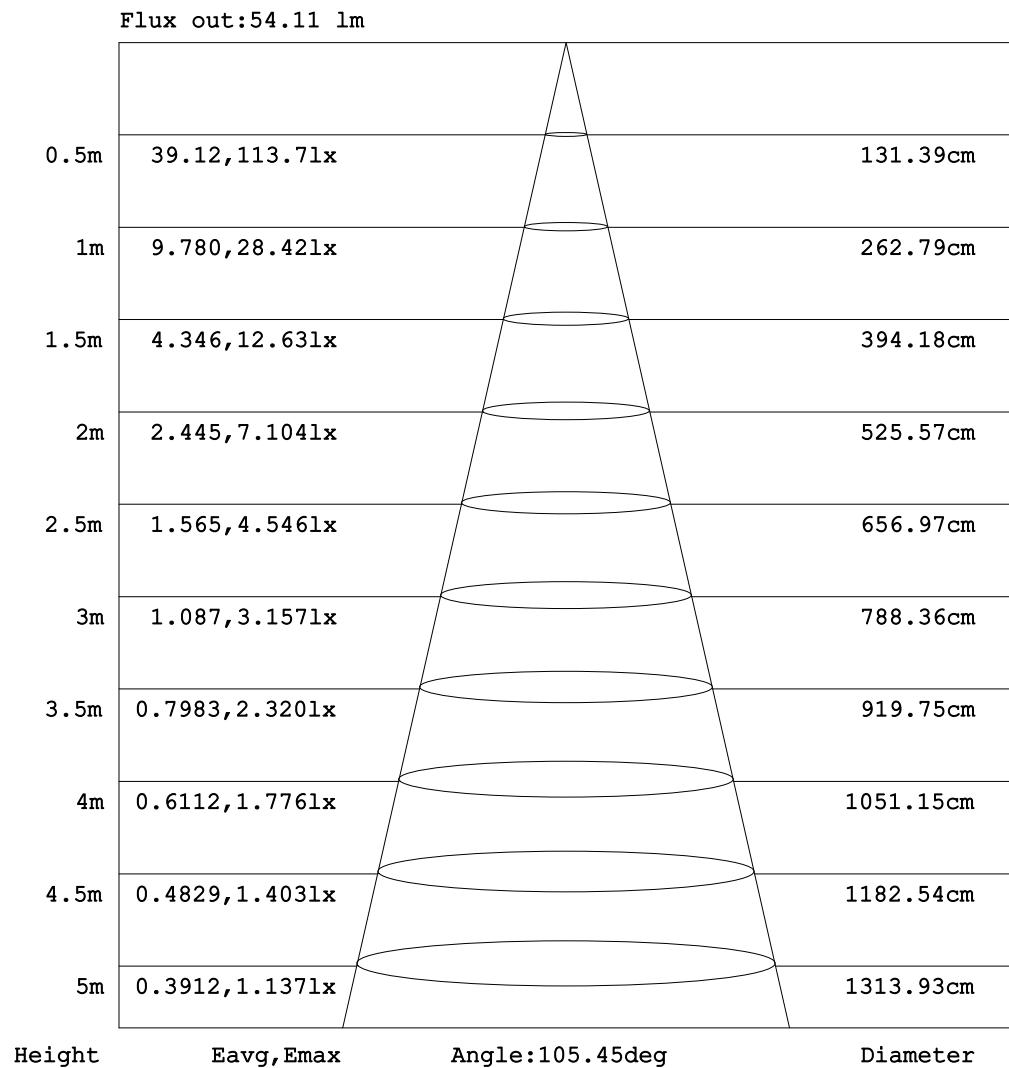


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



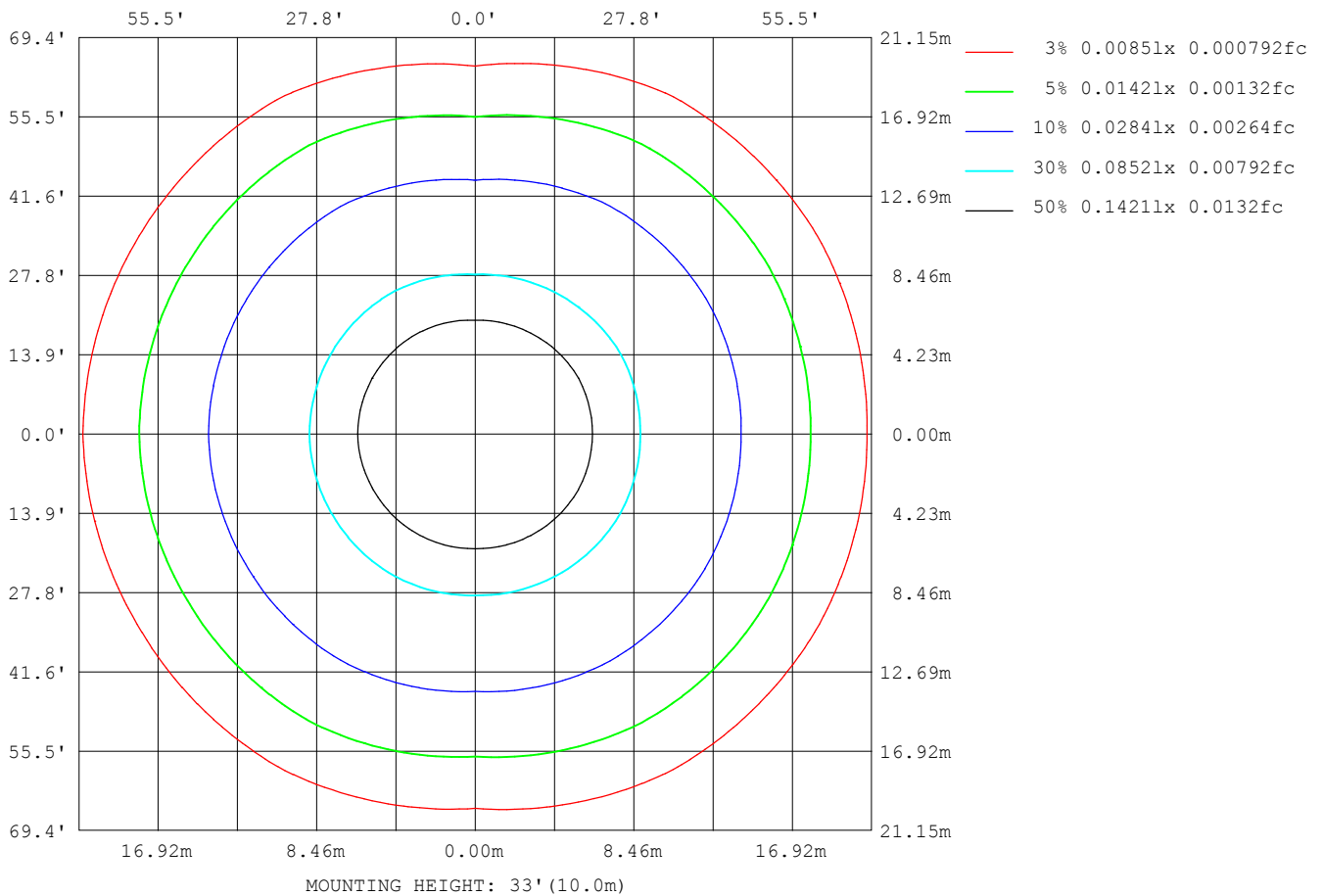
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

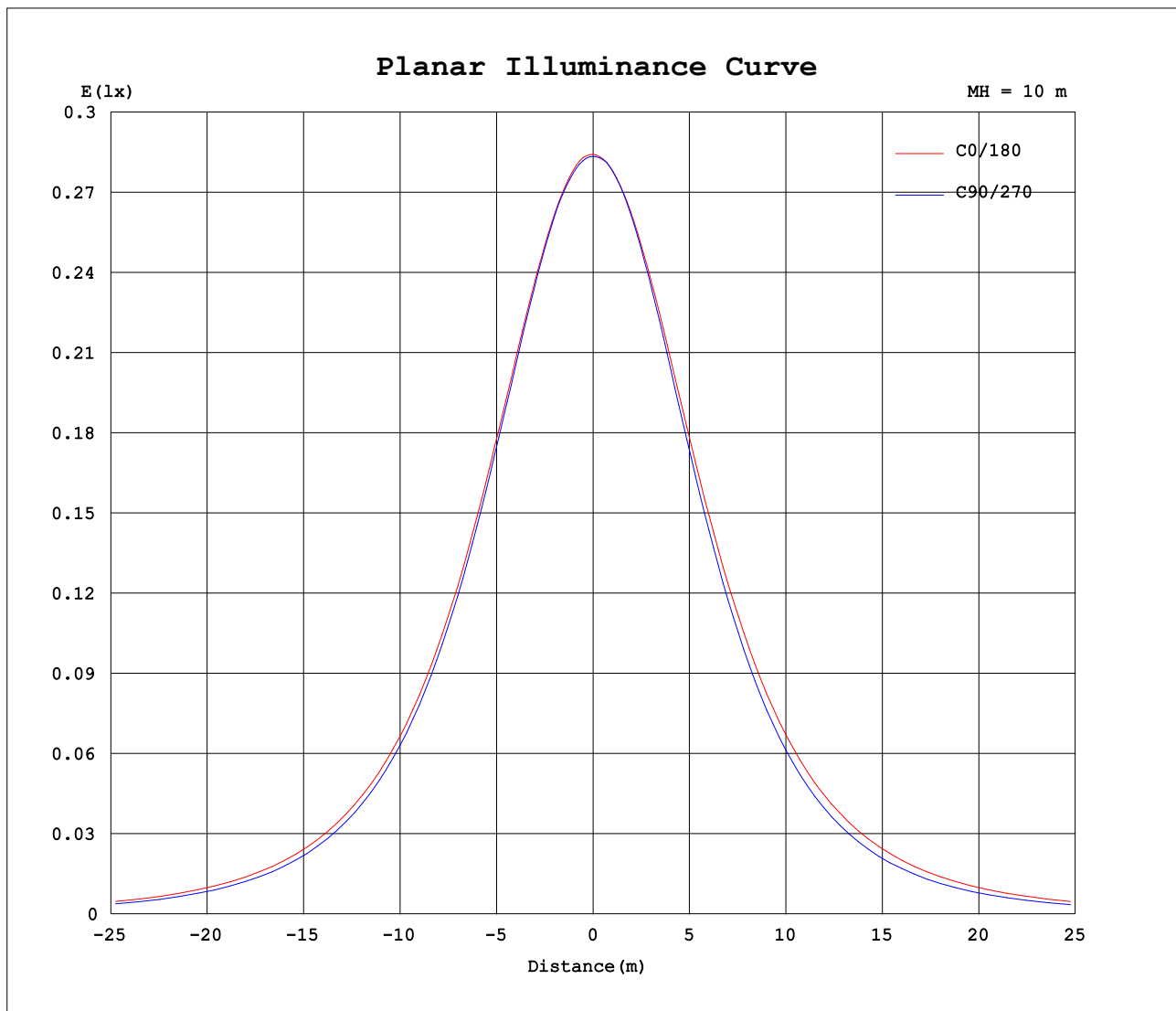
AvgL	cd/m2
L_0~180 (65) av	2135
L_0~180 (75) av	1945
L_0~180 (85) av	1923
L_90~270 (65) av	1740
L_90~270 (75) av	1285
L_90~270 (85) av	356
L_45 (65) av	2123
L_45 (75) av	1931
L_45 (85) av	1745

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:0.3714A P:4.457W PF:1.000 Freq:50.00Hz Lamp Flux:81.2445x1 lm		
NAME: SF15-12V-3528-72-6500-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122209
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	28.4	28.4	28.4	28.3	28.3	28.3	28.4	28.4	28.4	28.3	28.3	28.3						
5	28.3	28.3	28.3	28.2	28.2	28.2	28.3	28.3	28.2	28.3	28.2	28.3						
10	27.9	27.9	27.9	27.8	27.8	27.7	27.9	27.9	27.8	27.8	27.9	27.9						
15	27.3	27.3	27.2	27.1	27.1	27.1	27.3	27.2	27.1	27.1	27.2	27.3						
20	26.4	26.4	26.3	26.1	26.1	26.2	26.4	26.3	26.1	26.0	26.2	26.4						
25	25.2	25.3	25.0	24.9	24.9	25.0	25.3	25.2	25.0	24.7	25.0	25.2						
30	23.9	23.9	23.6	23.4	23.5	23.7	24.0	23.8	23.6	23.1	23.5	23.9						
35	22.4	22.4	22.0	21.7	22.0	22.2	22.5	22.3	22.1	21.4	21.8	22.5						
40	20.7	20.7	20.3	19.9	20.3	20.5	20.8	20.7	20.4	19.4	20.1	20.8						
45	18.9	18.9	18.4	17.9	18.5	18.6	19.0	18.8	18.6	17.4	18.4	19.1						
50	16.9	17.0	16.5	15.7	16.5	16.6	17.0	16.8	16.6	15.2	16.6	17.1						
55	14.8	14.9	14.5	13.5	14.4	14.5	14.9	14.7	14.5	12.9	14.6	15.1						
60	12.6	12.7	12.4	11.1	12.2	12.3	12.7	12.5	12.3	10.5	12.5	12.9						
65	10.4	10.5	10.2	8.77	9.90	9.99	10.4	10.2	10.1	8.15	10.3	10.7						
70	8.08	8.20	7.89	6.38	7.57	7.65	8.07	7.83	7.72	5.79	8.04	8.39						
75	5.82	5.95	5.67	4.11	5.28	5.37	5.76	5.54	5.39	3.54	5.79	6.14						
80	3.67	3.77	3.52	2.06	3.13	3.27	3.62	3.39	3.18	1.56	3.60	3.92						
85	1.95	1.92	1.67	0.49	1.42	1.65	1.91	1.71	1.37	0.23	1.67	2.04						
90	0.92	0.83	0.62	0.24	0.56	0.71	0.79	0.69	0.40	0.12	0.51	0.88						
95	0.44	0.39	0.42	0.26	0.46	0.49	0.42	0.34	0.28	0.12	0.31	0.38						
100	0.35	0.39	0.40	0.29	0.43	0.46	0.38	0.32	0.28	0.14	0.27	0.27						
105	0.36	0.32	0.38	0.32	0.39	0.46	0.33	0.25	0.25	0.17	0.26	0.27						
110	0.36	0.22	0.40	0.33	0.40	0.47	0.24	0.18	0.29	0.18	0.27	0.26						
115	0.36	0.13	0.43	0.35	0.44	0.41	0.14	0.10	0.31	0.20	0.28	0.29						
120	0.37	0.04	0.07	0.37	0.46	0.12	0.04	0.03	0.33	0.06	0.26	0.05						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	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: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	28.42	28.38	28.36	28.34	28.34	28.32	28.42	28.38	28.36	28.34
3.0	28.41	28.33	28.36	28.29	28.32	28.25	28.36	28.37	28.31	28.34
6.0	28.26	28.21	28.24	28.15	28.15	28.09	28.22	28.23	28.16	28.22
9.0	28.01	27.98	28.00	27.93	27.89	27.82	27.99	27.98	27.93	27.96
12.0	27.67	27.66	27.67	27.55	27.53	27.48	27.68	27.64	27.56	27.57
15.0	27.25	27.26	27.23	27.12	27.07	27.06	27.27	27.23	27.10	27.08
18.0	26.74	26.79	26.67	26.53	26.51	26.54	26.79	26.71	26.56	26.49
21.0	26.15	26.20	26.02	25.87	25.86	25.96	26.20	26.10	25.92	25.78
24.0	25.46	25.52	25.29	25.14	25.16	25.26	25.54	25.44	25.22	24.97
27.0	24.73	24.74	24.49	24.28	24.38	24.51	24.80	24.68	24.44	24.11
30.0	23.90	23.95	23.61	23.40	23.55	23.68	24.00	23.85	23.61	23.15
33.0	23.00	23.04	22.65	22.40	22.64	22.78	23.12	22.97	22.72	22.12
36.0	22.06	22.09	21.66	21.36	21.69	21.82	22.17	22.04	21.78	21.02
39.0	21.04	21.07	20.62	20.25	20.66	20.81	21.17	21.00	20.77	19.84
42.0	19.96	20.02	19.55	19.09	19.59	19.73	20.10	19.92	19.70	18.61
45.0	18.85	18.94	18.44	17.86	18.46	18.60	18.98	18.81	18.59	17.35
48.0	17.67	17.74	17.29	16.61	17.28	17.43	17.81	17.62	17.42	16.05
51.0	16.47	16.59	16.11	15.28	16.07	16.20	16.60	16.40	16.22	14.70
54.0	15.22	15.28	14.89	13.93	14.81	14.93	15.32	15.15	14.96	13.33
57.0	13.93	14.04	13.64	12.55	13.50	13.63	14.03	13.84	13.68	11.92
60.0	12.61	12.71	12.35	11.13	12.17	12.27	12.68	12.48	12.34	10.49
63.0	11.28	11.38	11.05	9.695	10.83	10.91	11.32	11.13	10.98	9.097
66.0	9.910	10.04	9.709	8.293	9.443	9.520	9.936	9.729	9.595	7.664
69.0	8.533	8.660	8.342	6.846	8.036	8.122	8.534	8.317	8.187	6.236
72.0	7.167	7.283	6.991	5.443	6.654	6.715	7.122	6.910	6.780	4.875
75.0	5.820	5.952	5.674	4.108	5.282	5.374	5.760	5.543	5.393	3.542
78.0	4.497	4.605	4.352	2.846	3.955	4.062	4.449	4.201	4.046	2.285
81.0	3.281	3.348	3.115	1.675	2.738	2.891	3.233	3.004	2.775	1.219
84.0	2.230	2.243	1.994	0.7362	1.687	1.927	2.208	1.984	1.670	0.3896
87.0	1.460	1.405	1.118	0.2711	0.9621	1.195	1.390	1.214	0.8626	0.1360
90.0	0.9163	0.8331	0.6245	0.2412	0.5588	0.7126	0.7876	0.6899	0.3963	0.1168
93.0	0.5788	0.5119	0.4376	0.2564	0.4625	0.5142	0.4412	0.4076	0.2814	0.1184
96.0	0.3925	0.3769	0.4137	0.2664	0.4553	0.4752	0.4133	0.3339	0.2814	0.1199
99.0	0.3525	0.3859	0.4032	0.2815	0.4343	0.4543	0.3854	0.3248	0.2813	0.1396
102.0	0.3544	0.3733	0.3927	0.3117	0.4133	0.4593	0.3574	0.2924	0.2664	0.1516
105.0	0.3562	0.3173	0.3822	0.3199	0.3923	0.4623	0.3295	0.2486	0.2514	0.1658
108.0	0.3580	0.2613	0.3949	0.3281	0.3986	0.4654	0.2801	0.2047	0.2866	0.1734
111.0	0.3599	0.2053	0.4076	0.3363	0.4049	0.4684	0.2201	0.1608	0.2966	0.1846
114.0	0.3617	0.1493	0.4322	0.3468	0.4321	0.4714	0.1601	0.1170	0.3066	0.1959
117.0	0.3679	0.0933	0.2881	0.3569	0.4523	0.2946	0.1001	0.0731	0.3167	0.1400
120.0	0.3719	0.0373	0.0720	0.3669	0.4624	0.1178	0.0400	0.0292	0.3267	0.0560
G/C	300.0	330.0								
0.0	28.34	28.32								
3.0	28.30	28.34								
6.0	28.19	28.24								
9.0	27.97	28.02								
12.0	27.61	27.71								
15.0	27.19	27.32								
18.0	26.64	26.80								
21.0	25.97	26.15								
24.0	25.23	25.47								
27.0	24.38	24.70								
30.0	23.46	23.91								
33.0	22.48	23.09								
36.0	21.48	22.17								
39.0	20.42	21.20								
42.0	19.39	20.16								
45.0	18.36	19.06								
48.0	17.31	17.89								
51.0	16.21	16.70								
54.0	15.00	15.51								
57.0	13.76	14.17								
60.0	12.47	12.91								
63.0	11.17	11.57								
66.0	9.841	10.19								
69.0	8.494	8.894								
72.0	7.126	7.438								
75.0	5.786	6.136								
78.0	4.454	4.814								
81.0	3.187	3.521								
84.0	2.021	2.366								
87.0	1.078	1.490								
90.0	0.5065	0.8810								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

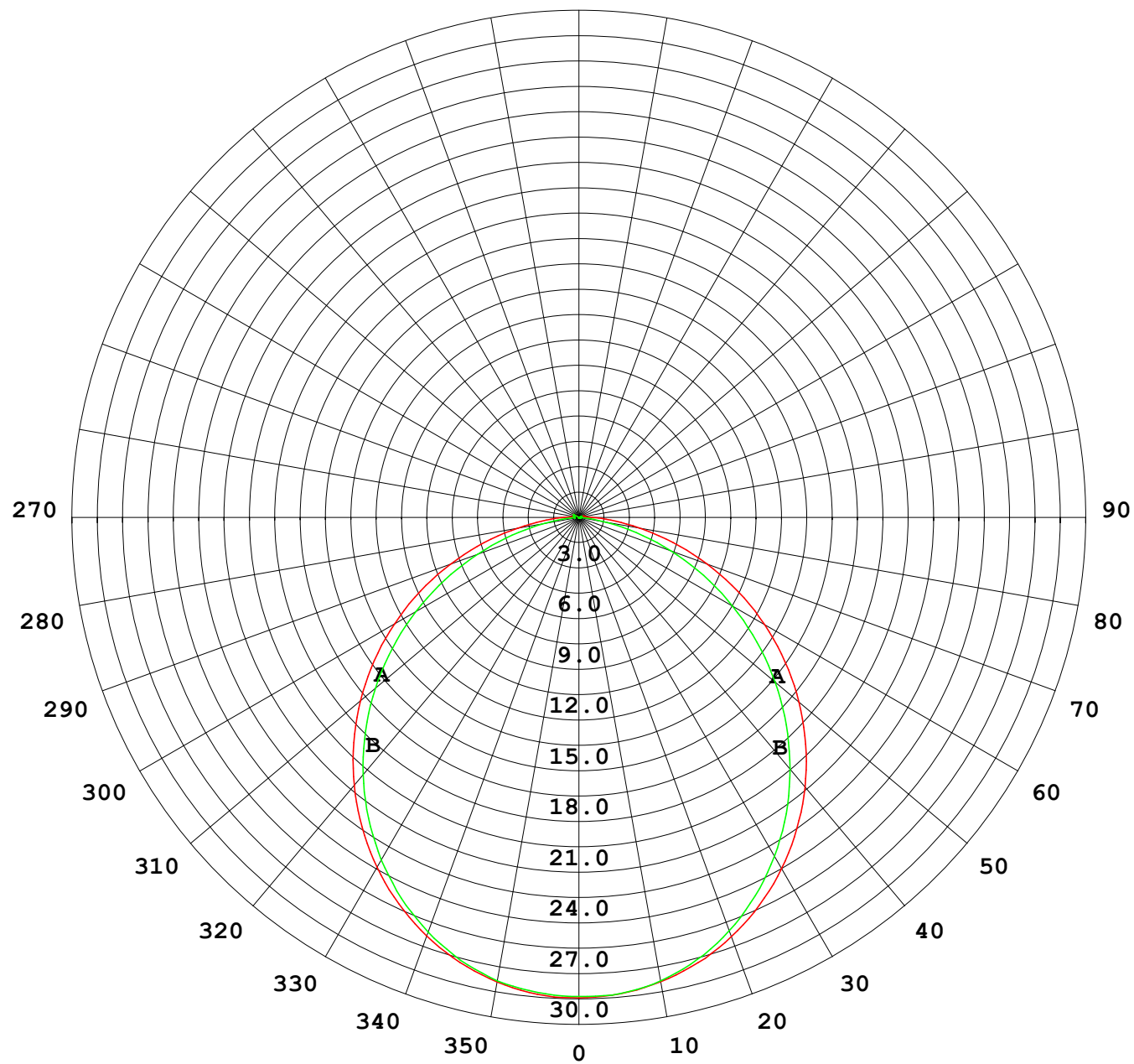
Photometric Data Table [cd]

93.0	0.3195	0.5084
96.0	0.2996	0.3322
99.0	0.2796	0.2714
102.0	0.2647	0.2691
105.0	0.2597	0.2668
108.0	0.2615	0.2644
111.0	0.2674	0.2621
114.0	0.2733	0.2814
117.0	0.2792	0.1909
120.0	0.2563	0.0477

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-22

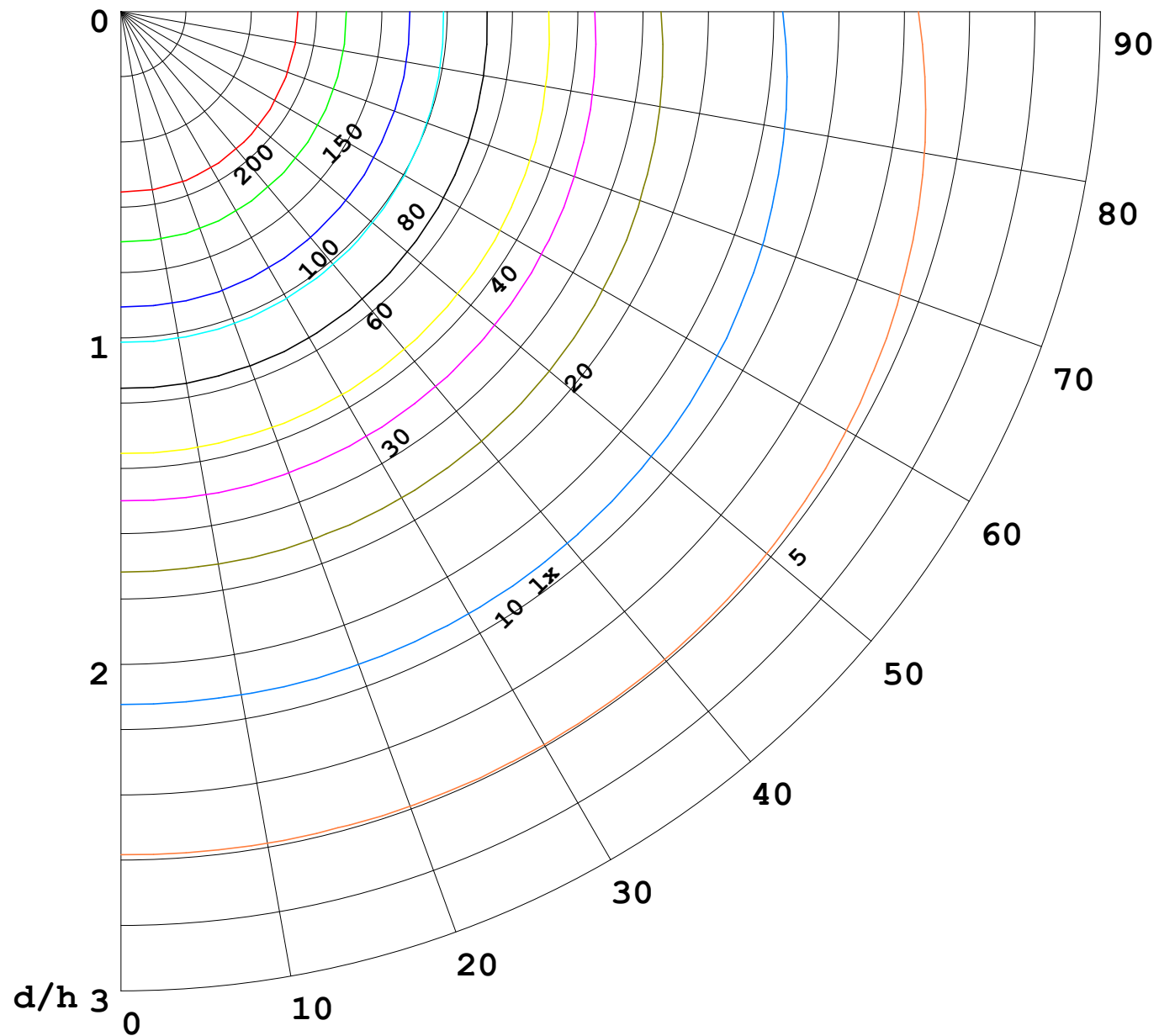
γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

I (cd)



1000 lm

$\kappa = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

