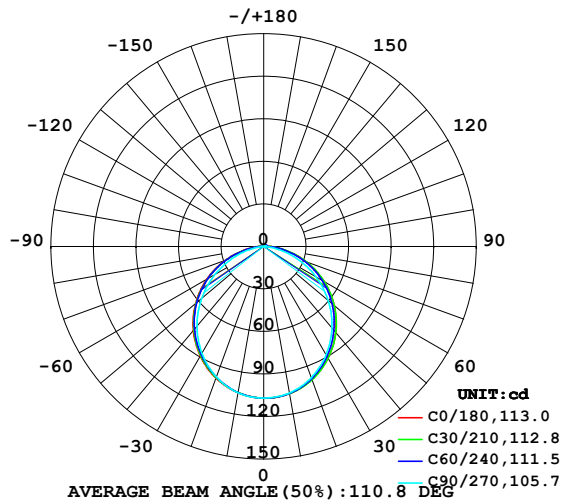


LUMINAIRE PHOTOMETRIC TEST REPORT

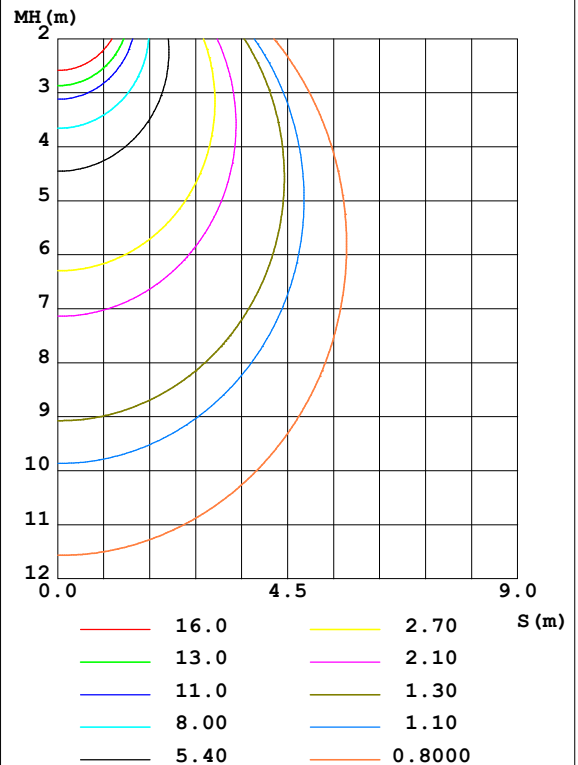
Test:U:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 27.52 lm/W			
MODEL	5050	I _{max} (cd)	107.1	S/MH (C0/180)	1.24
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	48	TOTAL FLUX (lm)	307.82	η UP, DN (C0-180)	0.9, 49.2
NOMINAL FLUX (lm)	307.819	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 49.3
LAMPS INSIDE	1	η up (%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	48	η down (%)	98.5	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	105.3	105.4	105.0	104.2	104.7	104.6	104.8	105.7	0- 10	10.12	10.12	3.29,3.29
20	99.77	99.64	98.46	97.56	98.80	98.22	97.86	100.0	10- 20	28.88	39.00	12.7,12.7
30	90.90	90.25	88.20	87.77	89.41	88.61	87.14	90.70	20- 30	43.49	82.48	26.8,26.8
40	79.08	78.13	74.97	75.18	77.25	76.39	73.29	78.98	30- 40	52.11	134.6	43.7,43.7
50	64.90	64.05	59.45	60.56	62.71	61.91	57.16	65.68	40- 50	53.87	188.5	61.2,61.2
60	49.04	48.41	42.37	44.14	46.39	45.61	39.65	50.17	50- 60	48.65	237.1	77,77
70	32.05	31.60	24.53	26.72	29.05	28.24	22.01	33.33	60- 70	37.22	274.3	89.1,89.1
80	15.32	14.99	8.133	10.49	12.63	11.59	6.073	16.39	70- 80	21.61	295.9	96.1,96.1
90	4.113	3.355	1.020	2.199	2.810	1.976	0.5784	3.672	80- 90	7.115	303.1	98.5,98.5
100	1.397	1.648	1.201	1.810	1.249	1.302	0.6983	1.163	90-100	1.828	304.9	99,99
110	1.442	1.671	1.407	1.818	1.294	1.317	0.9472	1.196	100-110	1.462	306.4	99.5,99.5
120	1.578	1.112	0.5911	1.332	0.4356	1.412	1.060	1.256	110-120	1.401	307.8	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0636	307.8	100,100
140	0	0	0	0	0	0	0	0	130-140	0	307.8	100,100
150	0	0	0	0	0	0	0	0	140-150	0	307.8	100,100
160	0	0	0	0	0	0	0	0	150-160	0	307.8	100,100
170	0	0	0	0	0	0	0	0	160-170	0	307.8	100,100
180	0	0	0	0	0	0	0	0	170-180	0	307.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 161.75 lm

%lum = 52.5%

%lamp = 52.5%

Conical surface Flux(120deg): 237.11 lm

%lum = 77.0%

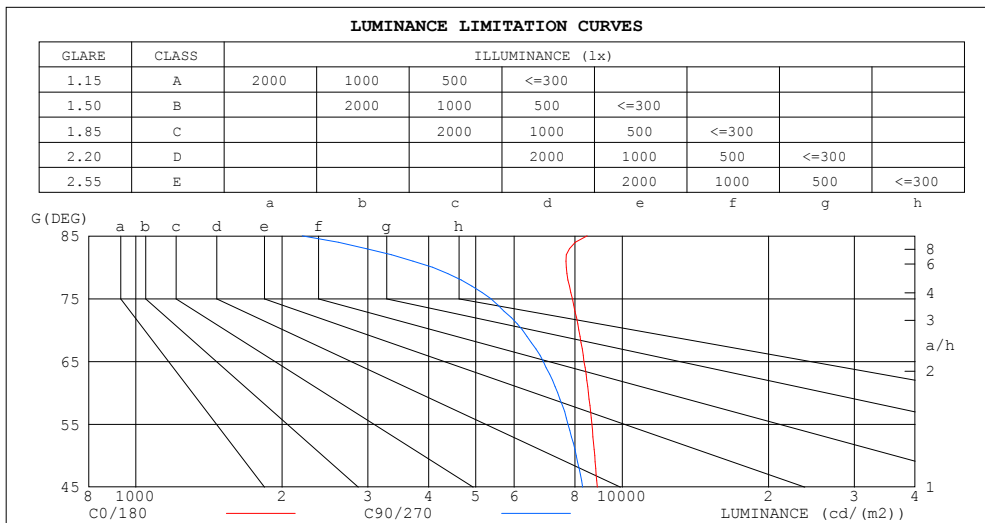
%lamp = 77.0%

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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8467	2199
80	7674	4073
75	7898	5367
70	8149	6238
65	8347	6888
60	8528	7369
55	8665	7738
50	8780	8042
45	8887	8298

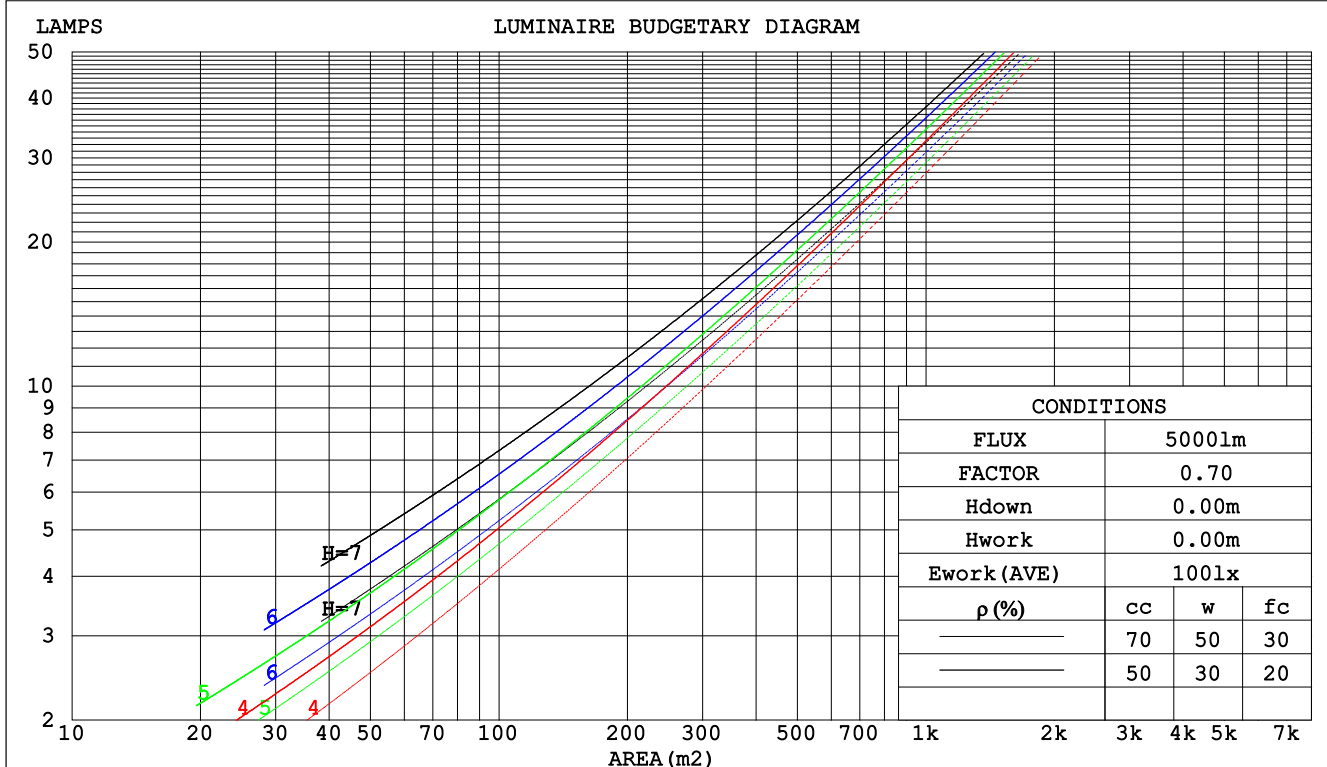
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
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						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	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.70	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.39	.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	.37	.32	.44	.37	.32	.43	.36	.31	.42	.35	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
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	.314	.179	.057	.306	.175	.056	.292	.168	.054	.279	.161	.052	.267	.155	.050		
2.0	.293	.161	.049	.287	.158	.049	.274	.153	.047	.263	.147	.046	.252	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.243	.133	.041	.234	.130	.040		
4.0	.250	.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	.107	.032		
6.0	.214	.107	.031	.209	.106	.030	.202	.103	.030	.194	.101	.030	.187	.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	.164	.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	.155	.076	.021	.151	.075	.021	.146	.073	.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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.192	.168	.146	.165	.144	.126	.113	.099	.087	.065	.057	.050	.021	.018	.016	
2.0	.184	.144	.110	.158	.124	.095	.108	.086	.066	.062	.050	.039	.020	.016	.013	
3.0	.177	.126	.086	.151	.109	.075	.104	.076	.052	.060	.044	.031	.019	.014	.010	
4.0	.169	.113	.070	.145	.098	.061	.100	.068	.043	.058	.040	.025	.019	.013	.008	
5.0	.162	.103	.059	.139	.089	.052	.096	.062	.036	.055	.036	.022	.018	.012	.007	
6.0	.154	.094	.051	.133	.082	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
7.0	.148	.087	.045	.127	.076	.040	.088	.053	.028	.051	.031	.017	.016	.010	.006	
8.0	.141	.082	.041	.121	.071	.036	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.077	.037	.116	.067	.033	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.129	.072	.035	.111	.063	.030	.077	.044	.022	.045	.026	.013	.015	.009	.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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm										
NAME: SF15-48V-5050-60-3000-80					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 21mm*11.5mm			SERIAL No.:2021122213		
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	24.6	26.1	24.8	26.3	26.5	24.1	25.6	24.4	25.8	26.1
3H	26.2	27.6	26.5	27.9	28.1	25.5	26.9	25.8	27.1	27.4
4H	26.9	28.2	27.2	28.5	28.8	26.0	27.3	26.3	27.6	27.9
6H	27.5	28.7	27.8	29.0	29.3	26.3	27.5	26.6	27.8	28.1
8H	27.7	28.9	28.0	29.2	29.5	26.3	27.5	26.7	27.8	28.1
12H	27.9	29.0	28.2	29.3	29.7	26.3	27.5	26.7	27.8	28.1
4H 2H	25.2	26.5	25.5	26.8	27.1	24.8	26.1	25.2	26.4	26.7
3H	27.0	28.2	27.4	28.5	28.9	26.5	27.6	26.8	27.9	28.3
4H	27.9	28.9	28.3	29.3	29.7	27.1	28.2	27.5	28.5	28.9
6H	28.6	29.5	29.0	29.9	30.3	27.5	28.5	28.0	28.9	29.3
8H	28.9	29.7	29.3	30.1	30.6	27.6	28.5	28.1	28.9	29.3
12H	29.1	29.9	29.6	30.3	30.8	27.7	28.5	28.1	28.9	29.3
8H 4H	28.2	29.0	28.6	29.4	29.9	27.5	28.4	27.9	28.8	29.2
6H	29.1	29.8	29.5	30.2	30.7	28.1	28.9	28.6	29.3	29.8
8H	29.5	30.1	29.9	30.6	31.0	28.4	29.0	28.8	29.5	29.9
12H	29.8	30.4	30.3	30.8	31.4	28.5	29.0	29.0	29.5	30.0
12H 4H	28.2	29.0	28.6	29.4	29.8	27.6	28.4	28.0	28.8	29.2
6H	29.1	29.8	29.6	30.2	30.7	28.3	28.9	28.8	29.4	29.9
8H	29.6	30.1	30.1	30.6	31.1	28.5	29.1	29.0	29.6	30.1
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				

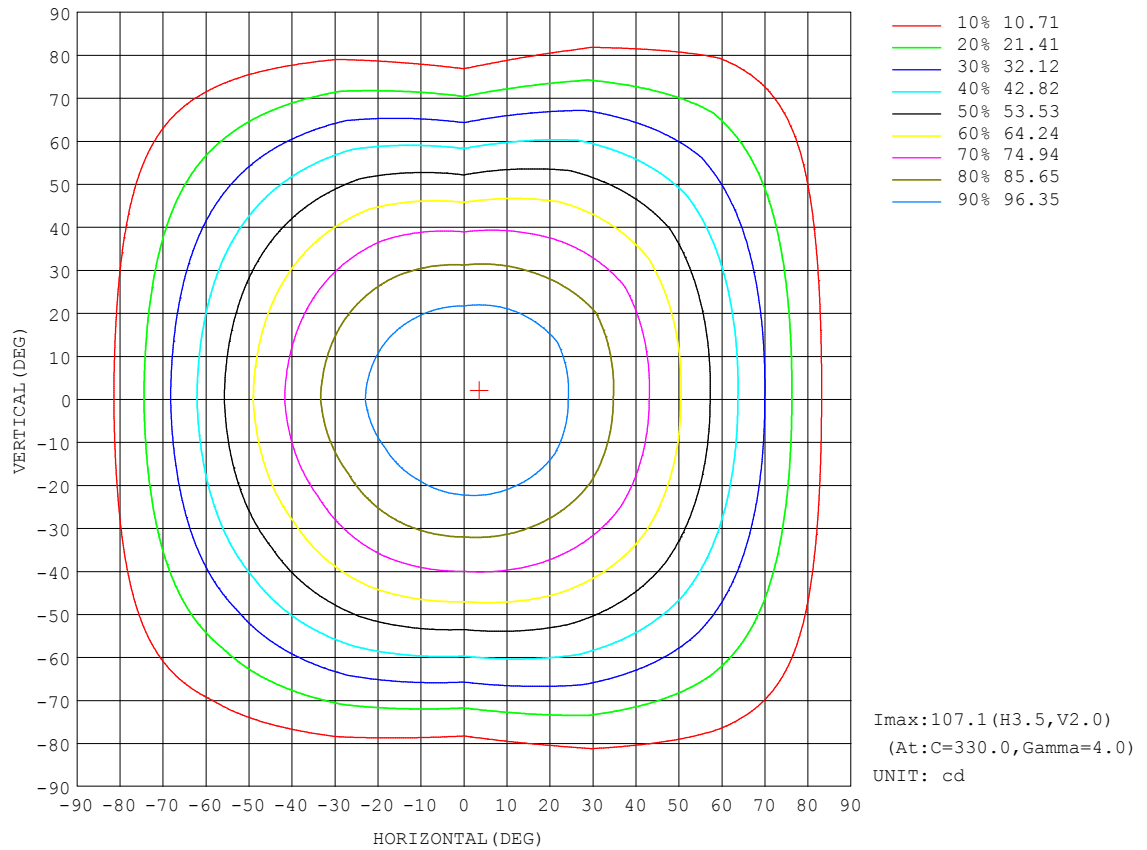
CIE Pub.117, 307.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.1)

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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

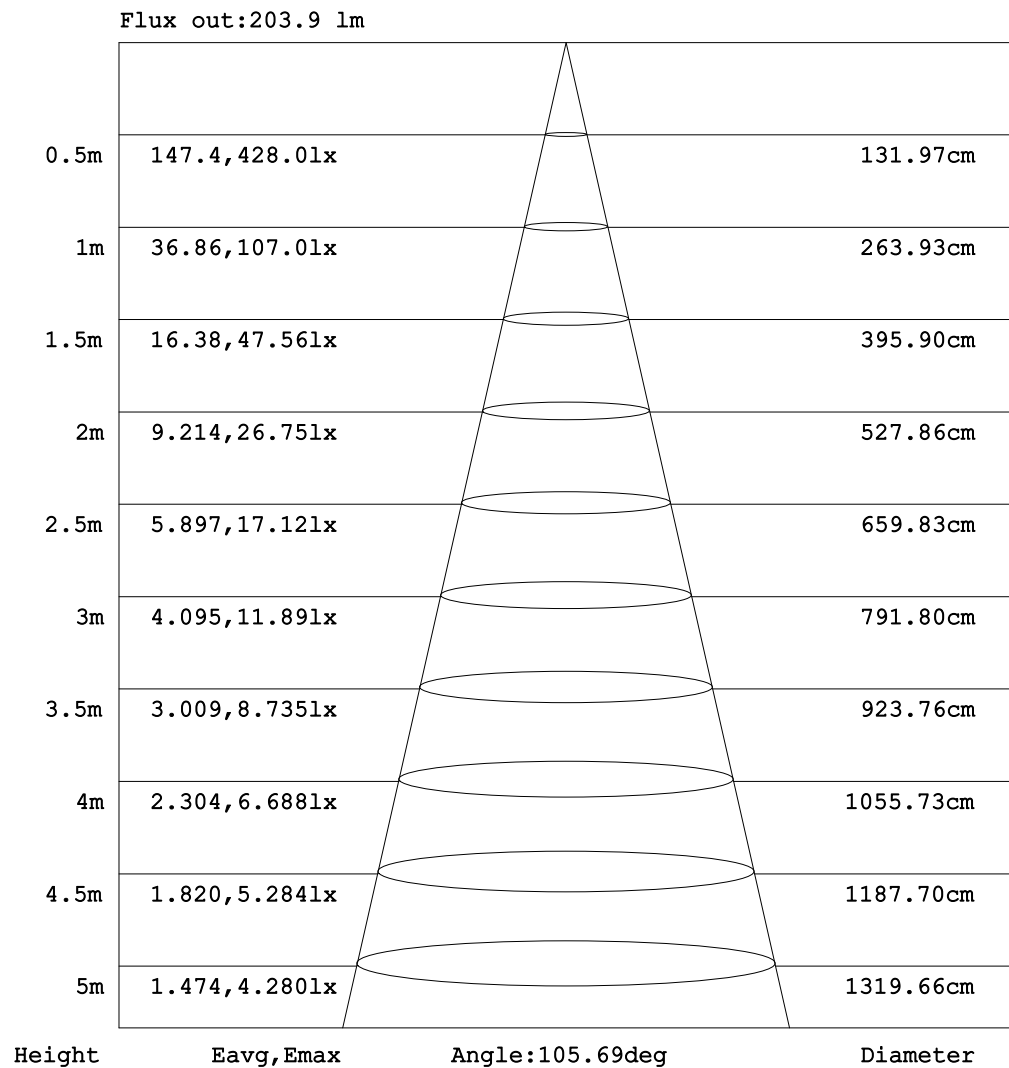


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-22

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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



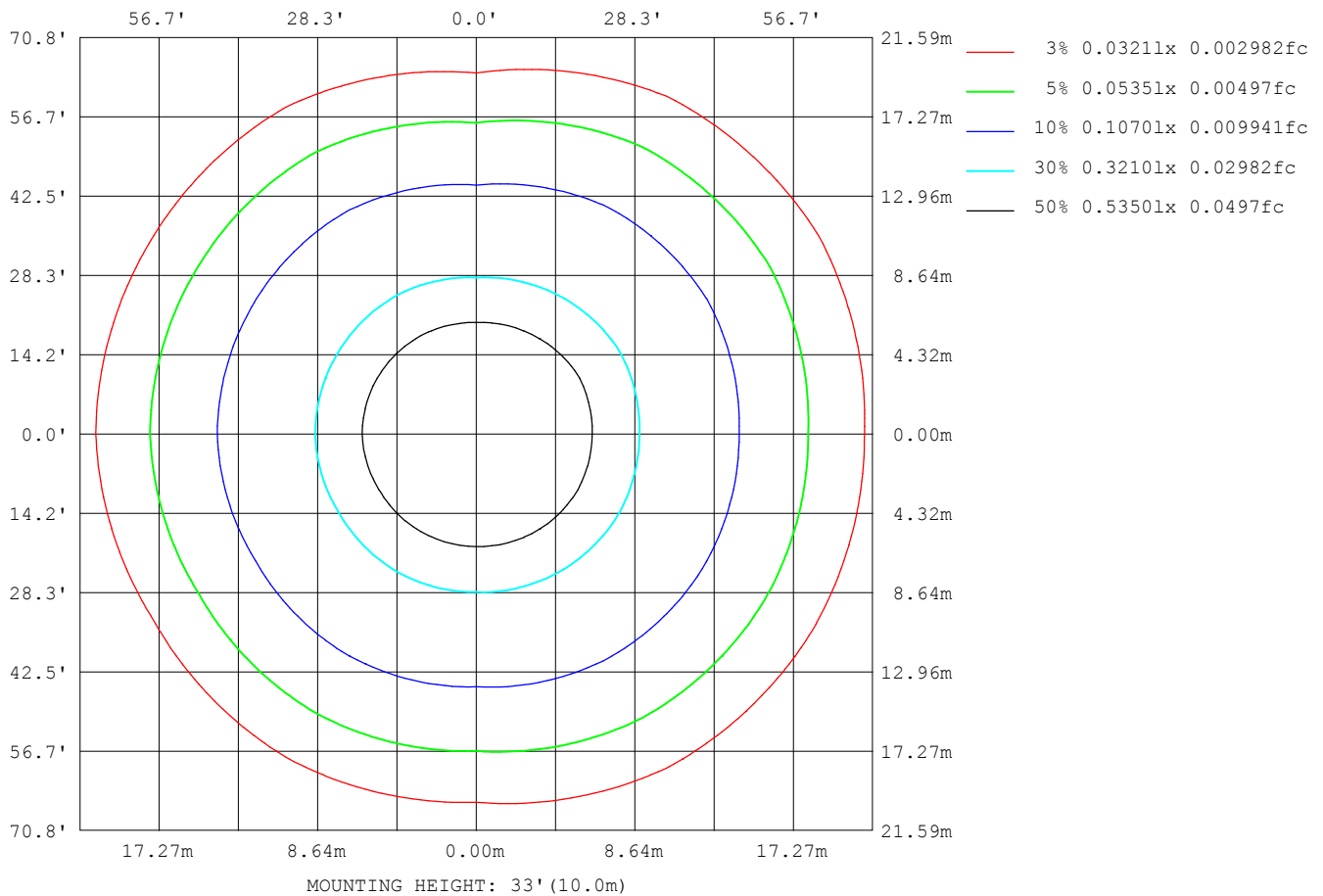
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

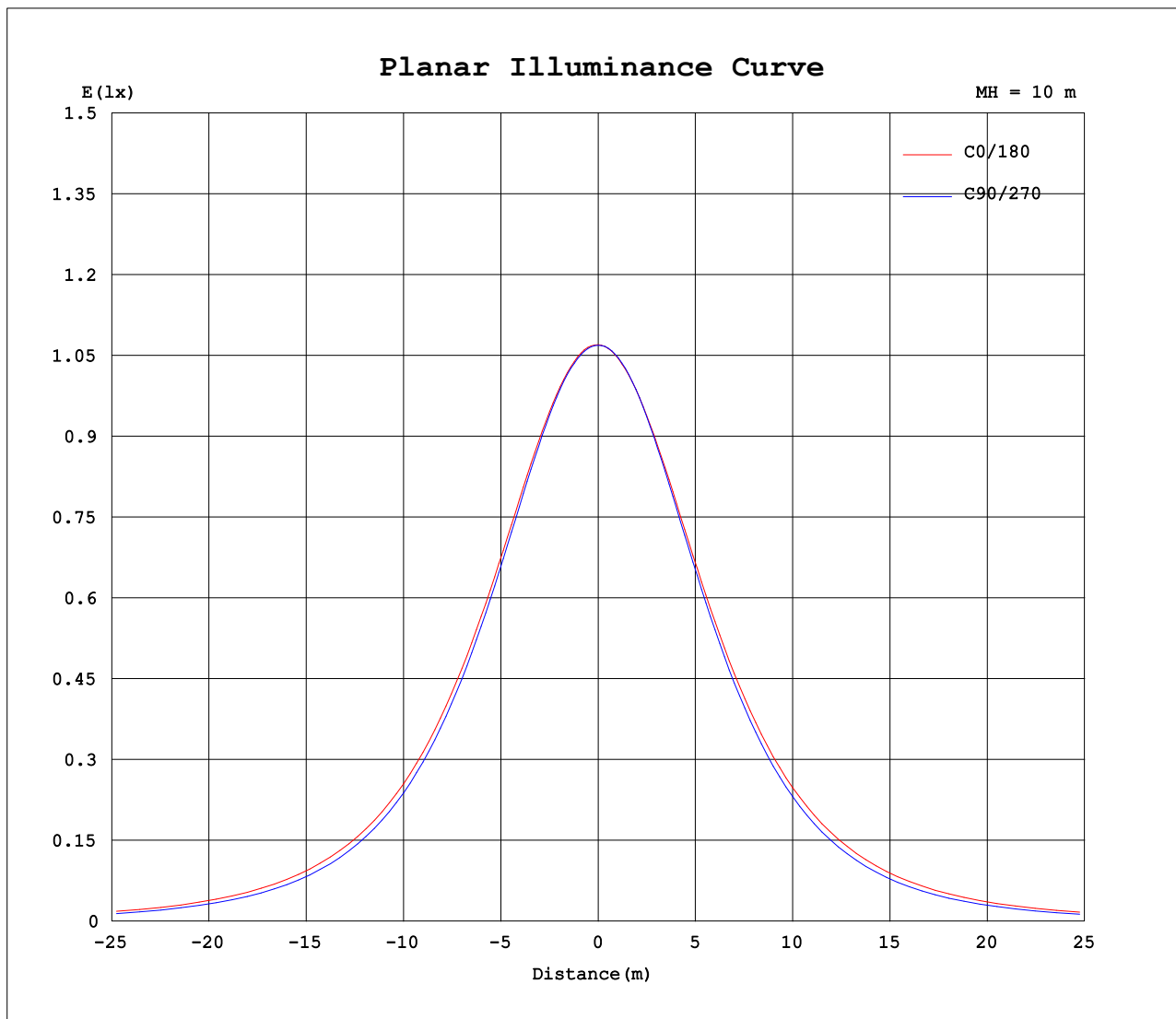
AvgL	cd/m2
L_0~180 (65) av	8058
L_0~180 (75) av	7384
L_0~180 (85) av	7545
L_90~270 (65) av	6614
L_90~270 (75) av	4973
L_90~270 (85) av	1599
L_45 (65) av	8021
L_45 (75) av	7319
L_45 (85) av	6963

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:48.00V I:0.2330A P:11.18W PF:1.000 Freq:50.00Hz Lamp Flux:307.819x1 lm		
NAME: SF15-48V-5050-60-3000-80	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122213
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	107	107	107	107	107	107	107	107	107	107	107	107						
5	107	107	107	106	106	106	106	106	106	106	107	107						
10	105	105	105	105	104	104	105	105	105	105	105	106						
15	103	103	103	102	101	101	102	102	102	102	103	104						
20	99.8	100	99.2	98.5	97.6	97.5	98.8	98.5	98.0	97.9	99.3	101						
25	95.7	95.9	94.7	93.8	93.1	92.9	94.5	94.1	93.4	93.0	94.8	96.6						
30	90.9	91.0	89.5	88.2	87.8	87.7	89.4	89.0	88.2	87.1	89.4	92.0						
35	85.3	85.4	83.5	81.9	81.9	81.6	83.7	83.2	82.4	80.5	83.4	86.9						
40	79.1	79.2	77.1	75.0	75.4	74.9	77.2	76.7	76.1	73.3	77.0	80.9						
45	72.3	72.3	70.3	67.5	68.4	67.9	70.2	69.7	69.1	65.5	70.7	74.3						
50	64.9	65.1	63.0	59.4	60.8	60.3	62.7	62.1	61.7	57.2	64.1	67.3						
55	57.2	57.3	55.5	51.0	52.8	52.2	54.7	54.1	53.8	48.5	56.6	59.7						
60	49.0	49.3	47.6	42.4	44.5	43.8	46.4	45.7	45.5	39.6	48.7	51.6						
65	40.6	41.0	39.3	33.5	35.8	35.1	37.8	37.1	37.0	30.8	40.5	43.2						
70	32.1	32.4	30.8	24.5	27.2	26.3	29.0	28.3	28.2	22.0	32.0	34.6						
75	23.5	23.9	22.5	16.0	18.5	17.8	20.4	19.7	19.5	13.6	23.5	26.0						
80	15.3	15.6	14.3	8.13	10.7	10.3	12.6	11.9	11.3	6.07	15.1	17.6						
85	8.49	8.42	7.19	2.20	4.62	5.08	6.64	5.85	4.84	1.00	7.64	10.1						
90	4.11	3.96	2.75	1.02	2.03	2.37	2.81	2.36	1.59	0.58	2.66	4.68						
95	1.99	1.94	1.71	1.11	1.85	1.89	1.34	1.41	1.27	0.61	1.23	2.00						
100	1.40	1.58	1.72	1.20	1.79	1.83	1.25	1.35	1.26	0.70	1.23	1.09						
105	1.41	1.63	1.58	1.41	1.62	1.88	1.28	1.34	1.09	0.93	1.05	1.14						
110	1.44	1.68	1.66	1.41	1.74	1.90	1.29	1.34	1.29	0.95	1.19	1.21						
115	1.49	1.72	1.82	1.45	1.84	1.90	1.30	1.34	1.39	0.96	1.24	1.26						
120	1.58	0.49	1.73	0.59	1.90	0.76	0.44	1.42	1.41	1.06	1.18	1.34						
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	107.0	107.0	106.9	106.9	107.0	106.9	107.0	107.0	106.9	106.9
3.0	107.0	106.9	106.9	106.7	106.6	106.5	106.7	106.7	106.7	106.8
6.0	106.5	106.5	106.4	106.2	105.9	105.7	106.1	106.0	106.1	106.2
9.0	105.7	105.7	105.6	105.4	104.8	104.5	105.1	105.0	105.1	105.3
12.0	104.5	104.6	104.5	104.0	103.3	103.0	103.8	103.7	103.7	103.8
15.0	103.0	103.2	102.8	102.2	101.5	101.2	102.2	102.0	101.8	101.9
18.0	101.2	101.4	100.8	100.0	99.27	99.07	100.2	99.99	99.60	99.63
21.0	99.03	99.31	98.40	97.55	96.77	96.73	98.01	97.65	97.12	96.98
24.0	96.58	96.79	95.71	94.77	94.03	93.97	95.45	94.98	94.39	94.02
27.0	93.88	93.99	92.77	91.51	91.07	90.93	92.53	92.13	91.38	90.75
30.0	90.90	90.98	89.53	88.20	87.85	87.68	89.41	89.01	88.21	87.14
33.0	87.64	87.65	85.99	84.48	84.35	84.09	86.05	85.58	84.80	83.24
36.0	84.13	84.16	82.27	80.54	80.68	80.28	82.42	81.95	81.18	79.15
39.0	80.39	80.51	78.40	76.41	76.76	76.37	78.59	78.05	77.35	74.76
42.0	76.41	76.55	74.36	72.05	72.65	72.22	74.50	73.93	73.33	70.17
45.0	72.27	72.34	70.25	67.48	68.36	67.87	70.24	69.71	69.10	65.47
48.0	67.91	68.11	65.96	62.75	63.87	63.33	65.78	65.23	64.71	60.54
51.0	63.41	63.55	61.52	57.83	59.26	58.69	61.15	60.58	60.14	55.44
54.0	58.75	58.92	57.00	52.77	54.48	53.78	56.36	55.81	55.41	50.31
57.0	53.95	54.15	52.34	47.69	49.55	48.70	51.45	50.83	50.55	45.05
60.0	49.04	49.26	47.56	42.37	44.52	43.76	46.39	45.67	45.55	39.65
63.0	44.03	44.28	42.67	37.02	39.39	38.43	41.23	40.60	40.40	34.42
66.0	38.91	39.28	37.66	31.70	34.10	33.29	36.04	35.35	35.23	29.07
69.0	33.78	34.13	32.53	26.26	28.88	27.95	30.76	30.07	29.95	23.78
72.0	28.62	28.96	27.45	21.03	23.67	22.72	25.55	24.83	24.67	18.64
75.0	23.51	23.90	22.45	15.97	18.51	17.77	20.44	19.70	19.48	13.63
78.0	18.50	18.83	17.50	11.16	13.62	13.06	15.63	14.80	14.49	8.855
81.0	13.79	14.02	12.80	6.687	9.226	9.065	11.27	10.44	9.845	4.786
84.0	9.629	9.706	8.474	3.136	5.601	5.956	7.638	6.847	5.873	1.603
87.0	6.409	6.325	4.922	1.265	3.143	3.684	4.808	4.079	3.110	0.6496
90.0	4.113	3.955	2.755	1.020	2.028	2.370	2.810	2.361	1.591	0.5784
93.0	2.627	2.525	1.886	1.076	1.865	1.910	1.656	1.529	1.278	0.5929
96.0	1.767	1.752	1.715	1.126	1.850	1.880	1.282	1.397	1.268	0.6230
99.0	1.418	1.573	1.717	1.181	1.805	1.829	1.252	1.352	1.258	0.6732
102.0	1.401	1.593	1.724	1.297	1.760	1.860	1.241	1.340	1.249	0.8287
105.0	1.413	1.628	1.584	1.407	1.624	1.885	1.277	1.340	1.086	0.9347
108.0	1.435	1.659	1.583	1.407	1.638	1.893	1.288	1.341	1.192	0.9422
111.0	1.462	1.684	1.733	1.402	1.779	1.899	1.297	1.341	1.337	0.9498
114.0	1.488	1.714	1.814	1.437	1.829	1.905	1.303	1.342	1.377	0.9573
117.0	1.513	1.228	1.822	1.478	1.859	1.910	1.089	1.357	1.412	1.015
120.0	1.578	0.4911	1.734	0.5911	1.900	0.7640	0.4356	1.417	1.407	1.060
G/C	300.0	330.0								
0.0	107.0	106.9								
3.0	106.9	107.1								
6.0	106.6	106.9								
9.0	105.8	106.3								
12.0	104.6	105.3								
15.0	103.0	104.0								
18.0	100.9	102.1								
21.0	98.53	99.90								
24.0	95.81	97.46								
27.0	92.71	94.81								
30.0	89.37	92.04								
33.0	85.82	89.14								
36.0	82.07	85.82								
39.0	78.27	82.16								
42.0	74.54	78.44								
45.0	70.74	74.32								
48.0	66.84	70.08								
51.0	62.65	65.78								
54.0	58.12	61.17								
57.0	53.46	56.42								
60.0	48.69	51.65								
63.0	43.78	46.82								
66.0	38.80	41.57								
69.0	33.71	36.42								
72.0	28.58	31.33								
75.0	23.46	25.98								
78.0	18.43	21.12								
81.0	13.57	15.99								
84.0	9.031	11.55								
87.0	5.177	7.605								
90.0	2.663	4.681								

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:

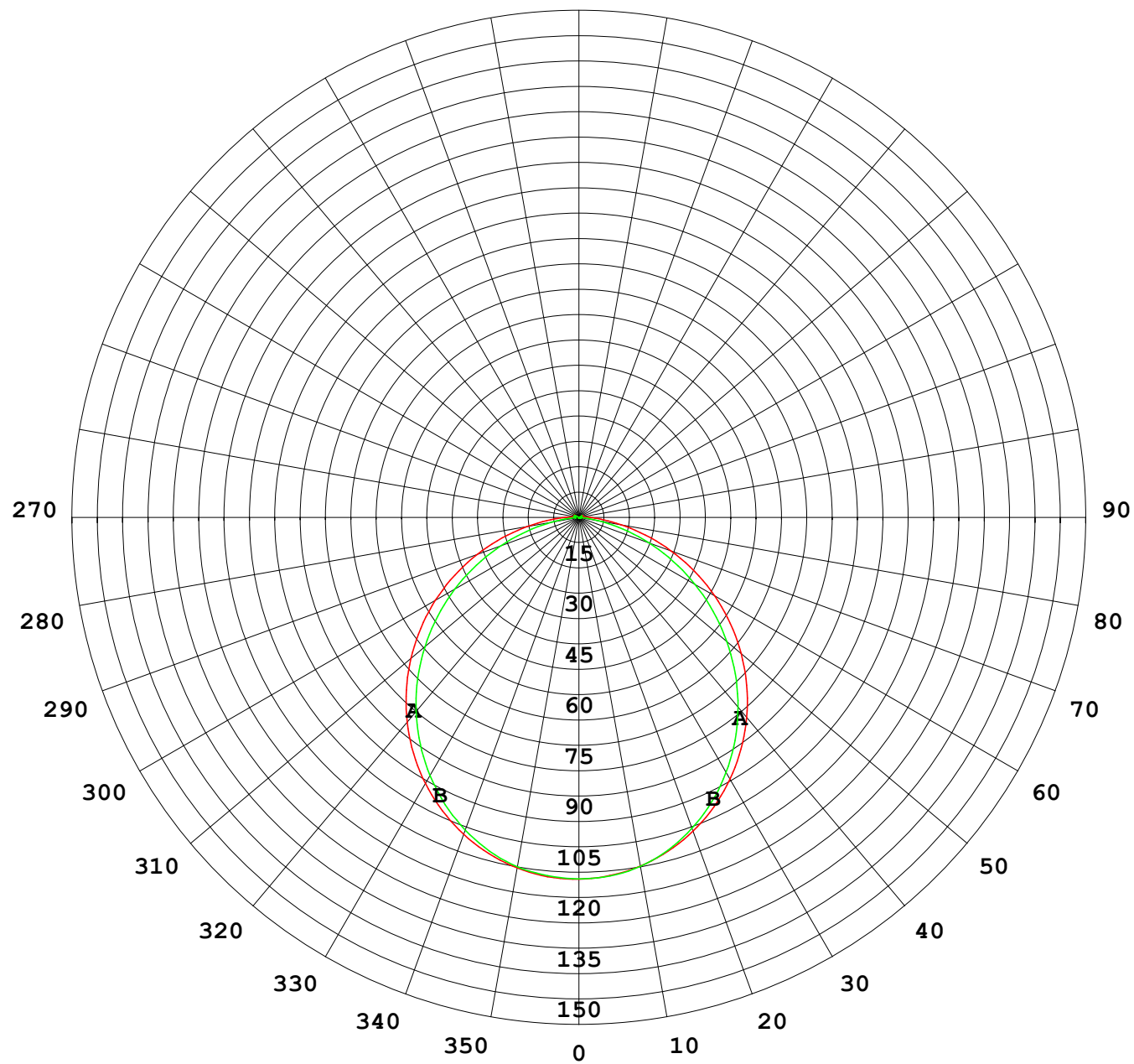
Photometric Data Table [cd]

93.0	1.501	2.768
96.0	1.228	1.697
99.0	1.232	1.222
102.0	1.236	1.095
105.0	1.045	1.142
108.0	1.086	1.181
111.0	1.197	1.221
114.0	1.229	1.251
117.0	1.261	1.286
120.0	1.176	1.337

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

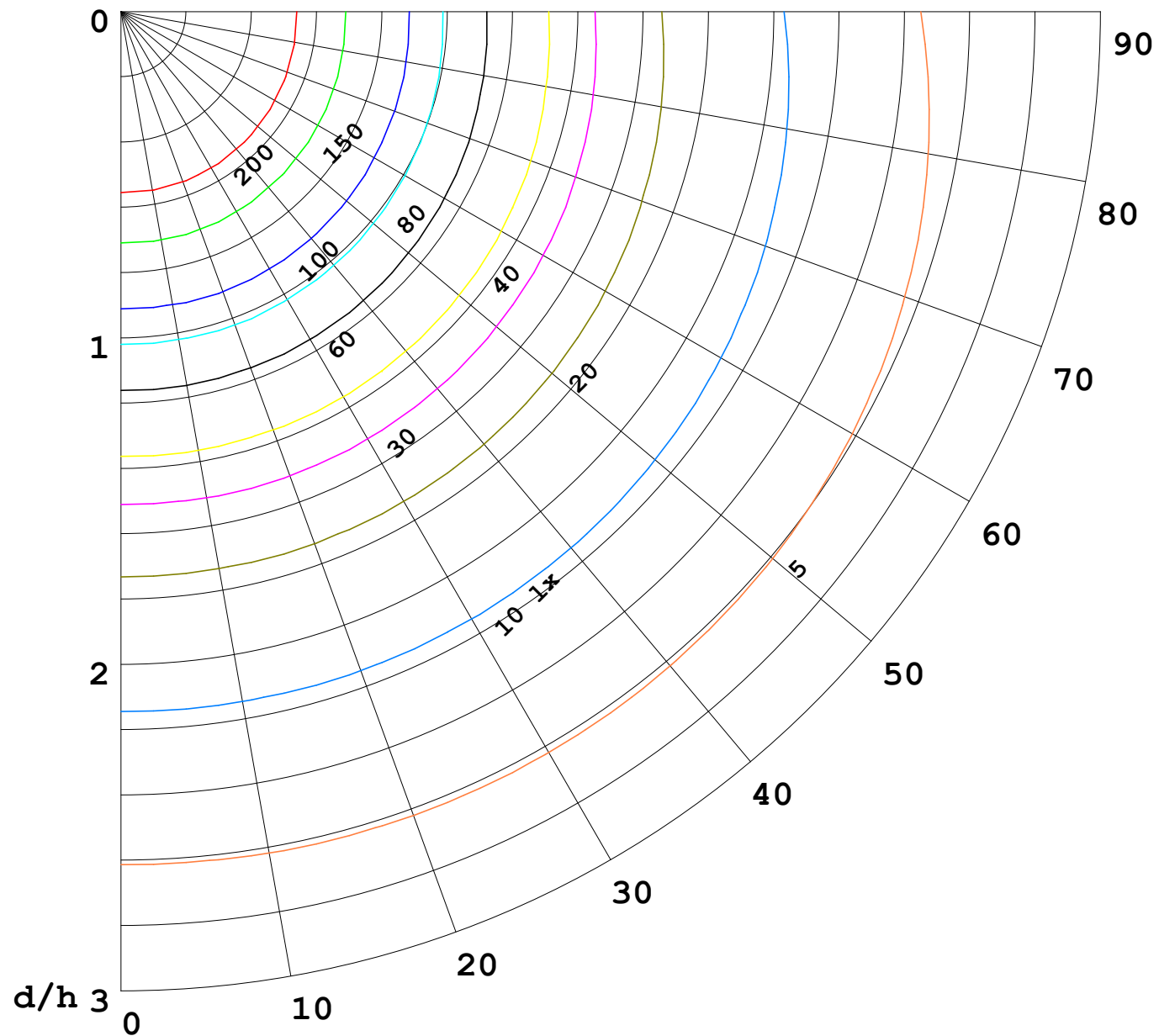
γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

