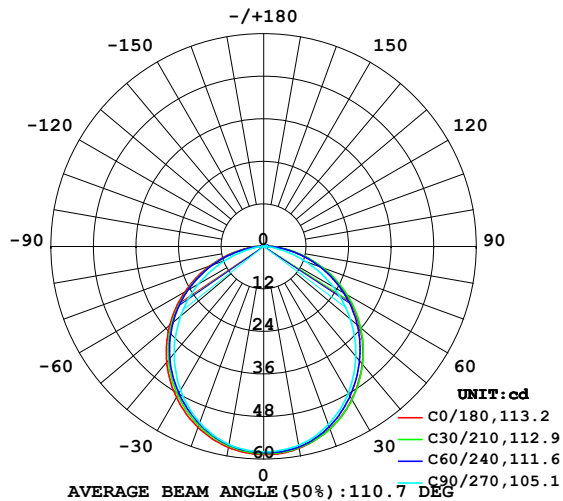


LUMINAIRE PHOTOMETRIC TEST REPORT

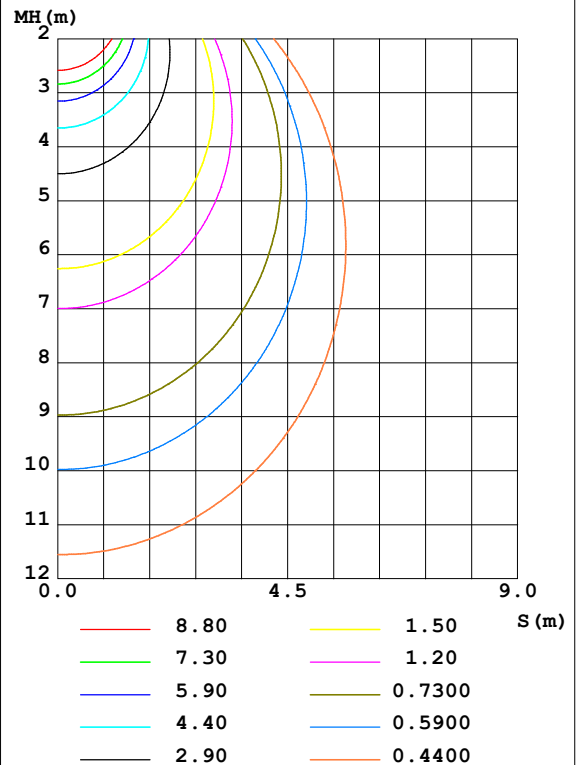
Test:U:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm					
NAME: SF15-24V-5050-70-SPI3-RGB			TYPE: 硅胶		WEIGHT:
SPEC.:			DIM.: 21mm*11.5mm		SERIAL No.:2021122904
MFR.: OLYMPIA			SUR.:1*0.0115		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 12.00 lm/W
MODEL	5050	I _{max} (cd)	58.72	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.21	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	167.24	η UP, DN (C0-180)	0.8, 49.5	
NOMINAL FLUX (lm)	167.242	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.1	
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24	η down (%)	98.6	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: 2021-12-29

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	57.80	57.50	56.96	56.31	57.54	56.97	56.72	56.83	0- 10	5.494	5.494	3.28,3.28
20	54.72	54.44	53.41	52.88	54.28	53.46	52.85	53.60	10- 20	15.69	21.18	12.7,12.7
30	49.79	49.31	47.79	47.70	49.22	48.17	46.87	48.61	20- 30	23.62	44.80	26.8,26.8
40	43.25	42.75	40.42	41.04	42.59	41.53	39.26	42.39	30- 40	28.30	73.10	43.7,43.7
50	35.50	35.12	31.91	33.15	34.63	33.63	30.66	35.02	40- 50	29.27	102.4	61.2,61.2
60	26.81	26.58	22.54	24.36	25.71	24.82	21.27	26.64	50- 60	26.43	128.8	77,77
70	17.48	17.46	12.86	15.06	16.28	15.47	11.61	17.67	60- 70	20.25	149.0	89.1,89.1
80	8.311	8.380	3.973	6.285	7.330	6.530	2.982	8.671	70- 80	11.84	160.9	96.2,96.2
90	2.255	1.865	0.5529	1.319	1.706	1.156	0.2809	1.888	80- 90	3.952	164.8	98.6,98.6
100	0.7748	0.8535	0.6335	0.9372	0.7322	0.6918	0.3564	0.6488	90-100	0.9998	165.8	99.2,99.2
110	0.7798	0.8844	0.7353	0.7059	0.7098	0.5517	0.4585	0.7023	100-110	0.7442	166.6	99.6,99.6
120	0.1118	0.5897	0.3136	0.5365	0.2814	0.1858	0.0975	0.6684	110-120	0.6287	167.2	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0241	167.2	100,100
140	0	0	0	0	0	0	0	0	130-140	0	167.2	100,100
150	0	0	0	0	0	0	0	0	140-150	0	167.2	100,100
160	0	0	0	0	0	0	0	0	150-160	0	167.2	100,100
170	0	0	0	0	0	0	0	0	160-170	0	167.2	100,100
180	0	0	0	0	0	0	0	0	170-180	0	167.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 87.856 lm

%lum = 52.5%

%lamp = 52.5%

Conical surface Flux(120deg): 128.8 lm

%lum = 77.0%

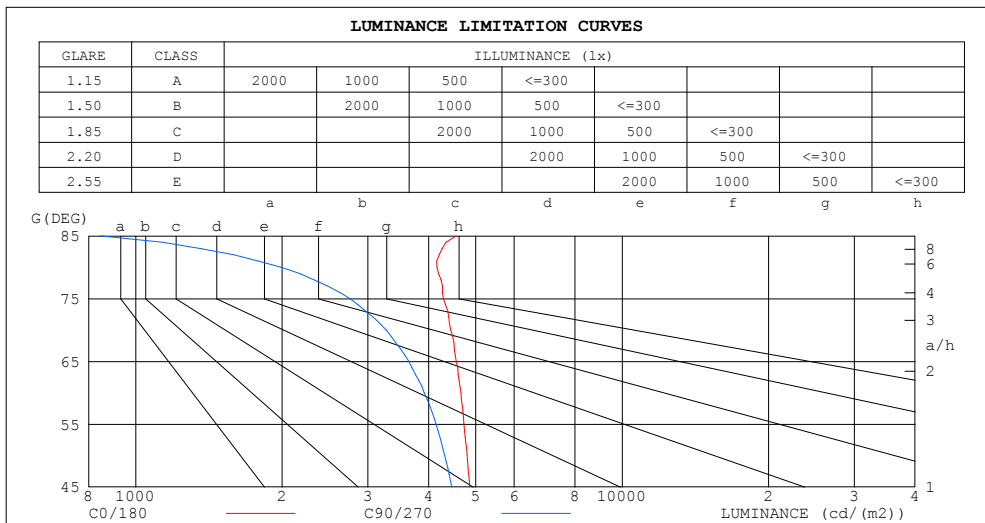
%lamp = 77.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4560	846
80	4162	1990
75	4292	2755
70	4444	3270
65	4561	3640
60	4663	3920
55	4729	4141
50	4803	4317
45	4861	4461

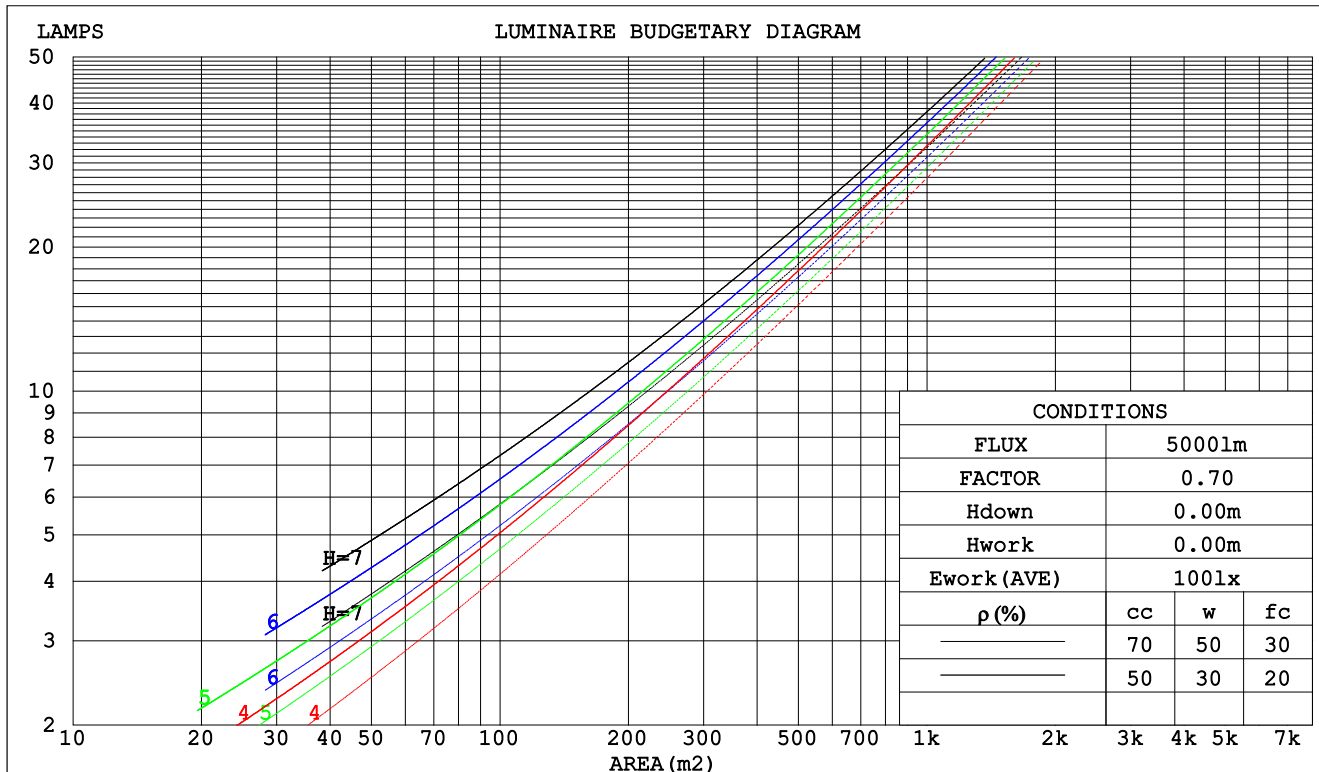
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
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)															
	RCR:Room Cavity Ratio															
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	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.59	.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:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm					
NAME: SF15-24V-5050-70-SPI3-RGB			TYPE: 硅胶		WEIGHT:
SPEC.:			DIM.: 21mm*11.5mm		SERIAL No.:2021122904
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	.315	.179	.057	.307	.175	.056	.293	.168	.054	.280	.162	.052	.268	.156	.050		
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.234	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.124	.037	.226	.121	.037	.217	.118	.036		
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.214	.107	.031	.210	.106	.030	.202	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.175	.091	.027		
8.0	.186	.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	.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	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.192	.167	.145	.164	.143	.125	.112	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.184	.143	.109	.157	.123	.094	.108	.085	.066	.062	.050	.038	.020	.016	.013	
3.0	.176	.125	.085	.151	.108	.074	.104	.075	.052	.060	.044	.031	.019	.014	.010	
4.0	.168	.112	.069	.144	.097	.060	.099	.068	.042	.057	.040	.025	.018	.013	.008	
5.0	.161	.102	.058	.138	.088	.051	.095	.062	.036	.055	.036	.021	.018	.012	.007	
6.0	.154	.093	.050	.132	.081	.044	.091	.057	.031	.053	.033	.018	.017	.011	.006	
7.0	.147	.087	.044	.126	.075	.039	.087	.053	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.081	.040	.121	.070	.035	.084	.049	.025	.049	.029	.015	.016	.010	.005	
9.0	.134	.076	.037	.116	.066	.032	.080	.046	.023	.047	.027	.013	.015	.009	.004	
10.0	.128	.072	.034	.111	.062	.029	.077	.044	.021	.045	.026	.013	.015	.008	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm											
NAME: SF15-24V-5050-70-SPI3-RGB						TYPE:硅胶			WEIGHT:		
SPEC.:						DIM.: 21mm*11.5mm			SERIAL No.:2021122904		
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	24.9	26.4	26.6	24.1	25.6	24.4	25.8	26.1	
	3H	26.3	27.7	26.6	27.9	28.2	25.4	26.8	25.8	27.1	27.4
	4H	27.0	28.3	27.3	28.6	28.9	25.9	27.2	26.3	27.5	27.8
	6H	27.5	28.8	27.9	29.1	29.4	26.2	27.4	26.5	27.7	28.0
	8H	27.7	28.9	28.1	29.3	29.6	26.2	27.4	26.6	27.7	28.0
	12H	27.9	29.1	28.3	29.4	29.7	26.2	27.3	26.6	27.7	28.0
4H	2H	25.2	26.6	25.6	26.8	27.1	24.8	26.2	25.2	26.4	26.7
	3H	27.1	28.3	27.5	28.6	28.9	26.5	27.6	26.8	27.9	28.3
	4H	28.0	29.0	28.4	29.4	29.7	27.1	28.2	27.5	28.5	28.9
	6H	28.7	29.6	29.1	30.0	30.4	27.5	28.4	27.9	28.8	29.2
	8H	28.9	29.8	29.4	30.2	30.6	27.6	28.5	28.0	28.9	29.3
	12H	29.2	30.0	29.6	30.4	30.8	27.6	28.4	28.1	28.8	29.3
8H	4H	28.3	29.1	28.7	29.5	29.9	27.5	28.4	28.0	28.8	29.2
	6H	29.2	29.9	29.6	30.3	30.8	28.2	28.9	28.6	29.3	29.8
	8H	29.5	30.2	30.0	30.6	31.1	28.4	29.0	28.8	29.5	29.9
	12H	29.9	30.5	30.4	30.9	31.4	28.5	29.0	29.0	29.5	30.0
12H	4H	28.3	29.1	28.7	29.5	29.9	27.6	28.4	28.0	28.8	29.2
	6H	29.2	29.9	29.7	30.3	30.8	28.3	28.9	28.8	29.4	29.9
	8H	29.7	30.2	30.2	30.7	31.2	28.6	29.1	29.1	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 / - 0.5					

CIE Pub.117, 167.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

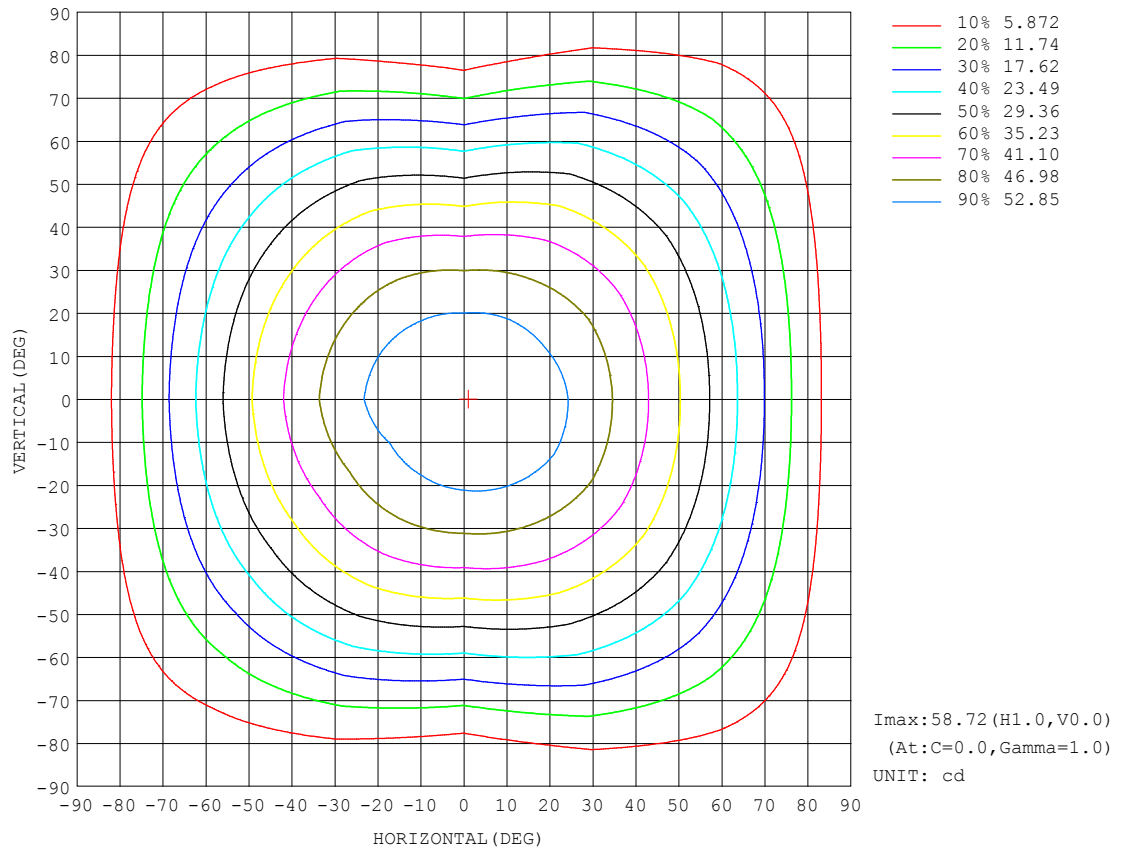
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

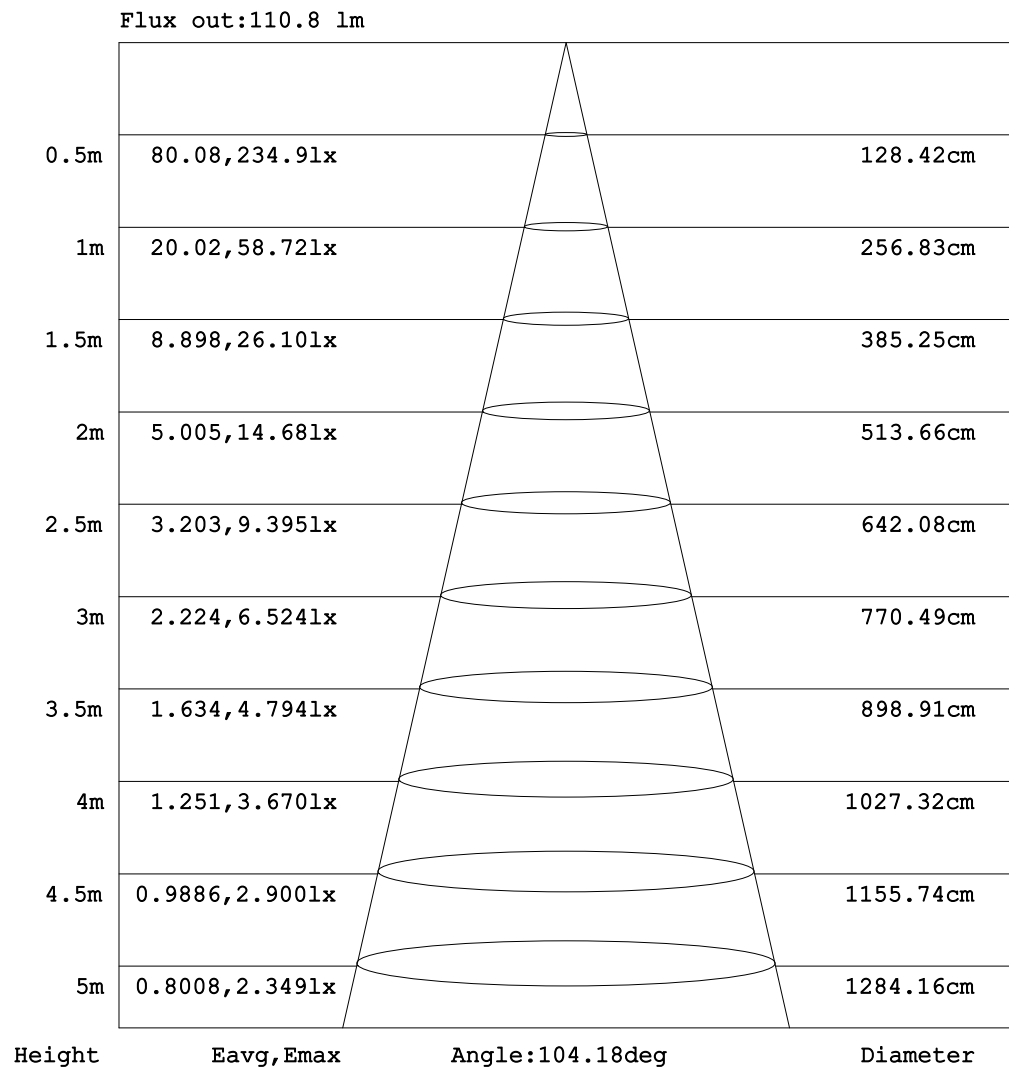


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



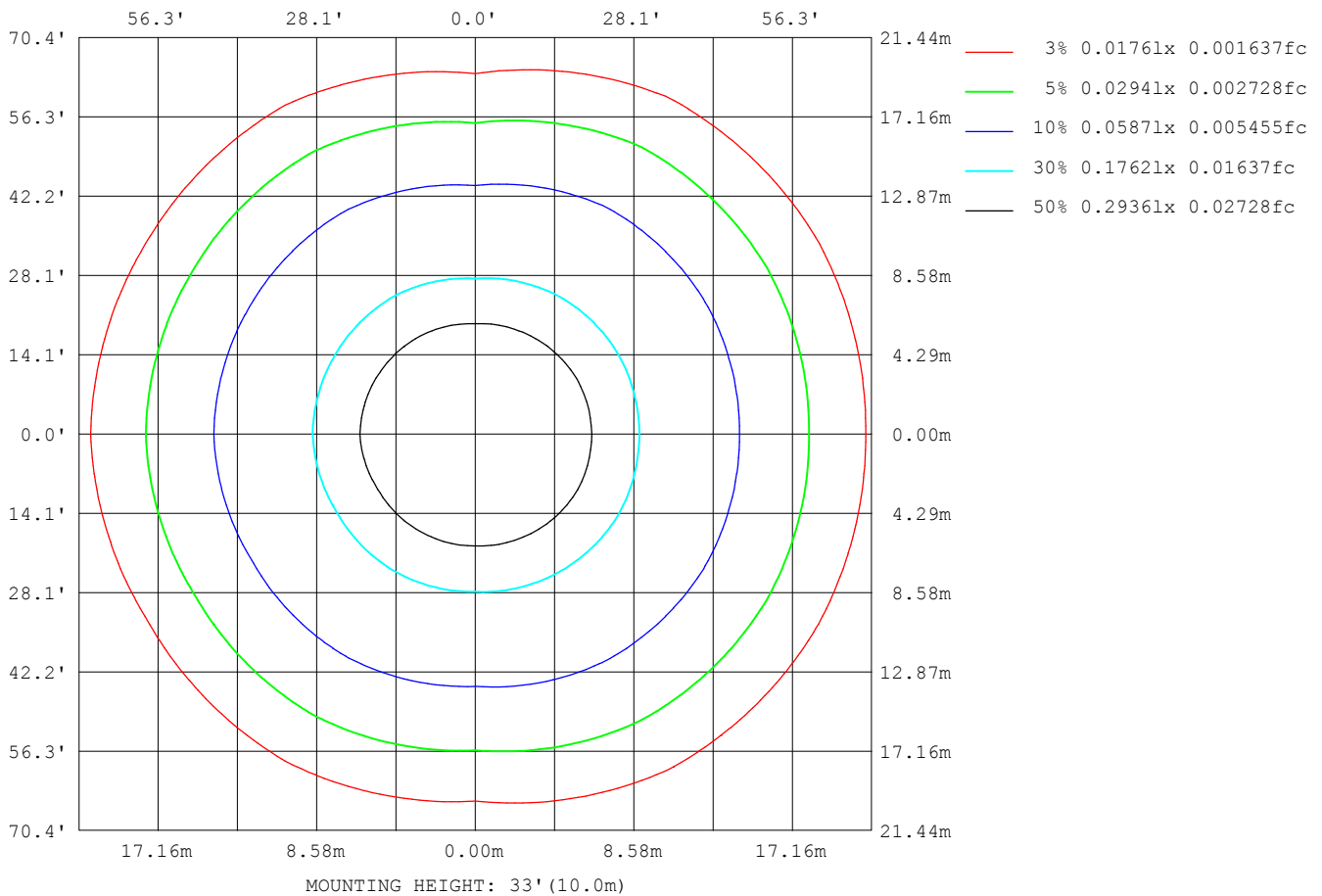
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
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:2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

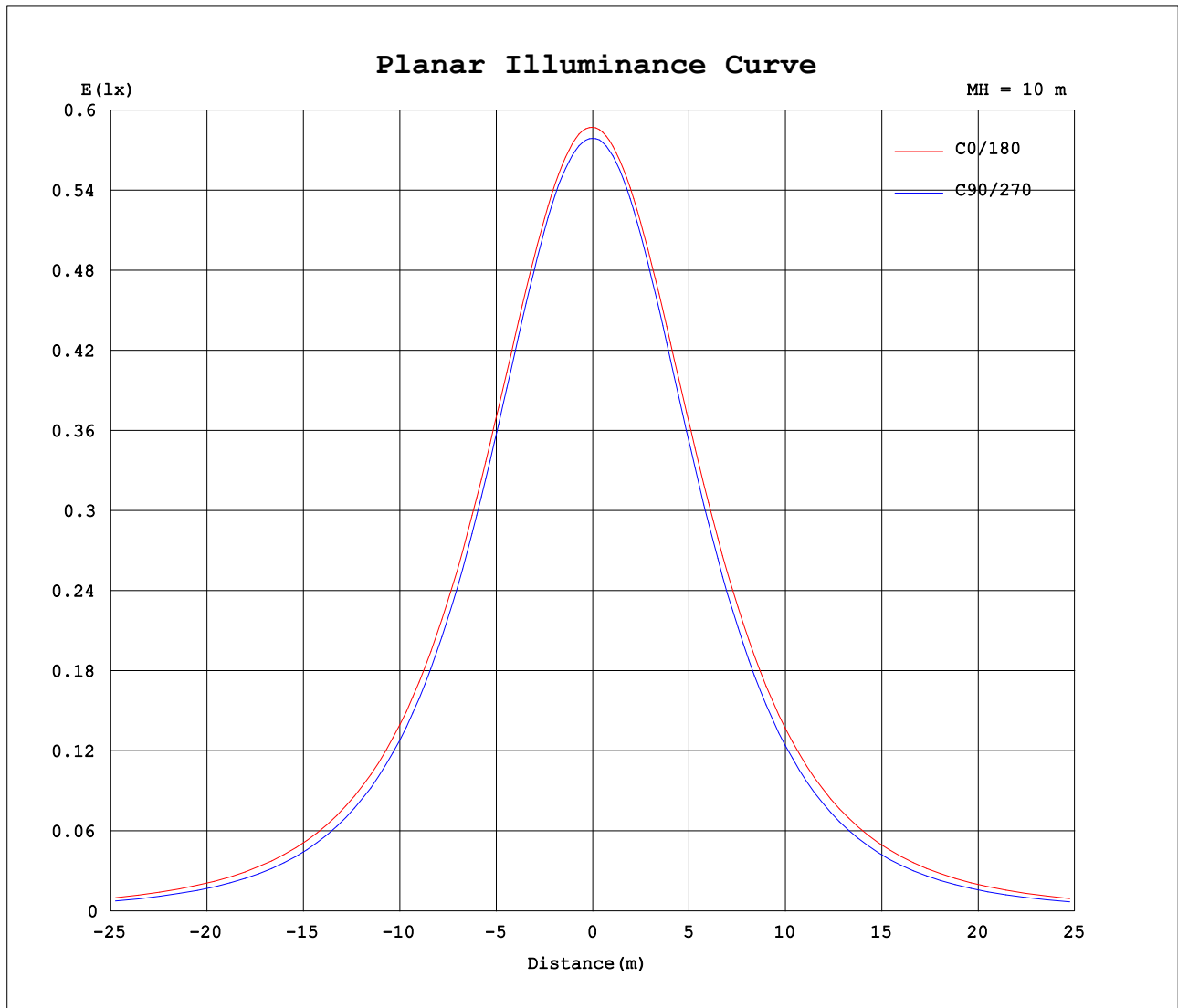
AvgL	cd/m2
L_0~180 (65) av	4443
L_0~180 (75) av	4098
L_0~180 (85) av	4255
L_90~270 (65) av	3507
L_90~270 (75) av	2557
L_90~270 (85) av	644
L_45 (65) av	4374
L_45 (75) av	4050
L_45 (85) av	3934

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

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: 2021-12-29

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:24.00V I:0.5809A P:13.94W PF:1.000 Freq:50.00Hz Lamp Flux:167.242x1 lm		
NAME: SF15-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122904
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	58.7	58.4	58.1	57.9	57.7	57.5	58.7	58.4	58.1	57.9	57.7	57.5						
5	58.6	58.3	58.1	57.7	57.4	57.1	58.4	58.0	57.7	57.6	57.5	57.5						
10	57.8	57.6	57.4	57.0	56.5	56.1	57.5	57.1	56.9	56.7	56.8	56.9						
15	56.5	56.5	56.0	55.5	55.0	54.7	56.2	55.6	55.2	55.1	55.4	55.6						
20	54.7	54.8	54.1	53.4	52.9	52.8	54.3	53.7	53.2	52.9	53.4	53.8						
25	52.5	52.6	51.6	50.8	50.5	50.5	52.0	51.3	50.7	50.1	50.9	51.7						
30	49.8	49.9	48.7	47.8	47.7	47.7	49.2	48.5	47.8	46.9	47.9	49.3						
35	46.7	46.8	45.5	44.3	44.6	44.5	46.1	45.3	44.7	43.2	44.9	46.3						
40	43.2	43.4	42.1	40.4	41.1	41.0	42.6	41.8	41.2	39.3	41.7	43.1						
45	39.5	39.7	38.4	36.3	37.3	37.2	38.7	38.0	37.5	35.0	38.3	39.5						
50	35.5	35.7	34.5	31.9	33.2	33.1	34.6	33.8	33.4	30.7	34.5	35.6						
55	31.2	31.5	30.4	27.3	28.9	28.8	30.3	29.5	29.2	26.1	30.4	31.5						
60	26.8	27.1	26.0	22.5	24.5	24.3	25.7	24.9	24.7	21.3	26.1	27.1						
65	22.2	22.6	21.6	17.7	19.8	19.6	21.0	20.3	20.1	16.4	21.7	22.7						
70	17.5	17.9	17.0	12.9	15.2	14.9	16.3	15.5	15.4	11.6	17.2	18.2						
75	12.8	13.2	12.5	8.20	10.6	10.4	11.6	10.9	10.7	7.02	12.6	13.6						
80	8.31	8.72	8.04	3.97	6.25	6.32	7.33	6.67	6.39	2.98	8.20	9.14						
85	4.57	4.69	4.07	0.85	2.84	3.24	3.96	3.38	2.80	0.44	4.14	5.06						
90	2.26	2.18	1.55	0.55	1.17	1.47	1.71	1.38	0.93	0.28	1.43	2.34						
95	1.11	1.04	0.91	0.59	1.01	1.03	0.74	0.80	0.71	0.29	0.69	1.05						
100	0.77	0.84	0.86	0.63	0.96	0.91	0.73	0.70	0.68	0.36	0.64	0.66						
105	0.78	0.88	0.80	0.71	0.85	0.70	0.72	0.54	0.61	0.44	0.60	0.67						
110	0.78	0.90	0.87	0.74	0.91	0.50	0.71	0.38	0.72	0.46	0.71	0.69						
115	0.67	0.91	0.96	0.77	0.94	0.29	0.70	0.22	0.76	0.48	0.71	0.70						
120	0.11	0.30	0.87	0.31	0.99	0.08	0.28	0.06	0.31	0.10	0.62	0.72						
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:2021-12-29

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	58.72	58.41	58.14	57.90	57.69	57.52	58.72	58.41	58.14	57.90
3.0	58.70	58.39	58.16	57.83	57.57	57.33	58.58	58.26	57.98	57.81
6.0	58.45	58.18	57.96	57.56	57.21	56.95	58.26	57.89	57.61	57.51
9.0	57.99	57.80	57.56	57.14	56.68	56.36	57.75	57.33	57.08	56.95
12.0	57.34	57.23	56.97	56.44	55.94	55.62	57.03	56.58	56.27	56.12
15.0	56.50	56.47	56.04	55.50	54.95	54.71	56.15	55.64	55.25	55.10
18.0	55.51	55.51	54.94	54.30	53.79	53.62	55.09	54.56	54.06	53.81
21.0	54.31	54.39	53.63	52.92	52.48	52.41	53.86	53.28	52.70	52.32
24.0	52.97	53.05	52.15	51.41	51.01	50.96	52.47	51.81	51.18	50.71
27.0	51.48	51.50	50.52	49.62	49.43	49.38	50.91	50.26	49.58	48.88
30.0	49.79	49.90	48.73	47.79	47.72	47.67	49.22	48.50	47.85	46.87
33.0	47.99	48.08	46.83	45.71	45.86	45.82	47.40	46.62	46.01	44.81
36.0	46.02	46.16	44.84	43.52	43.89	43.82	45.41	44.65	44.04	42.50
39.0	43.99	44.13	42.77	41.23	41.80	41.75	43.30	42.54	41.95	40.10
42.0	41.84	41.97	40.62	38.79	39.59	39.52	41.08	40.29	39.76	37.67
45.0	39.52	39.71	38.40	36.27	37.30	37.19	38.74	37.97	37.47	35.05
48.0	37.10	37.38	36.10	33.71	34.88	34.78	36.30	35.51	35.08	32.39
51.0	34.67	34.92	33.71	31.02	32.40	32.26	33.78	32.97	32.60	29.71
54.0	32.04	32.38	31.22	28.26	29.82	29.65	31.16	30.40	30.04	26.98
57.0	29.48	29.80	28.65	25.45	27.17	26.99	28.48	27.67	27.41	24.07
60.0	26.81	27.13	26.04	22.54	24.47	24.26	25.71	24.94	24.70	21.27
63.0	24.03	24.38	23.37	19.61	21.72	21.47	22.90	22.16	21.95	18.33
66.0	21.21	21.64	20.69	16.73	18.93	18.68	20.08	19.34	19.16	15.40
69.0	18.46	18.82	17.94	13.81	16.11	15.87	17.23	16.49	16.34	12.61
72.0	15.65	16.02	15.23	10.95	13.30	13.08	14.38	13.67	13.51	9.825
75.0	12.78	13.23	12.47	8.200	10.56	10.41	11.62	10.89	10.75	7.020
78.0	10.15	10.48	9.774	5.566	7.904	7.838	8.958	8.225	8.073	4.556
81.0	7.481	7.827	7.190	3.220	5.475	5.587	6.571	5.932	5.585	2.293
84.0	5.220	5.415	4.783	1.367	3.400	3.759	4.547	3.896	3.411	0.5832
87.0	3.508	3.499	2.761	0.6077	1.929	2.354	2.906	2.412	1.816	0.3071
90.0	2.255	2.178	1.551	0.5529	1.173	1.466	1.706	1.384	0.9283	0.2809
93.0	1.459	1.385	1.021	0.5681	1.015	1.050	0.9935	0.8907	0.7473	0.2873
96.0	0.9815	0.9389	0.9006	0.5981	1.005	1.017	0.7412	0.7942	0.6935	0.2988
99.0	0.7744	0.8344	0.8722	0.6233	0.9812	0.9536	0.7344	0.7370	0.6835	0.3115
102.0	0.7757	0.8544	0.8437	0.6989	0.9243	0.8292	0.7277	0.6409	0.6777	0.4218
105.0	0.7771	0.8795	0.8043	0.7125	0.8494	0.7048	0.7210	0.5448	0.6084	0.4371
108.0	0.7784	0.8946	0.8441	0.7262	0.8643	0.5804	0.7143	0.4486	0.6737	0.4510
111.0	0.7805	0.9021	0.9242	0.7398	0.9246	0.4561	0.7075	0.3525	0.7388	0.4623
114.0	0.7826	0.9097	0.9447	0.7590	0.9498	0.3317	0.7032	0.2564	0.7539	0.4735
117.0	0.4472	0.7623	0.9600	0.7840	0.9549	0.2073	0.7034	0.1602	0.7689	0.3899
120.0	0.1118	0.3049	0.8745	0.3136	0.9901	0.0829	0.2814	0.0641	0.3076	0.0975

G/C	300.0	330.0
0.0	57.69	57.52
3.0	57.63	57.54
6.0	57.42	57.40
9.0	57.02	57.02
12.0	56.31	56.46
15.0	55.37	55.64
18.0	54.26	54.66
21.0	52.94	53.37
24.0	51.45	52.17
27.0	49.75	50.71
30.0	47.94	49.28
33.0	46.09	47.53
36.0	44.24	45.69
39.0	42.35	43.73
42.0	40.40	41.65
45.0	38.32	39.47
48.0	36.04	37.17
51.0	33.67	34.78
54.0	31.24	32.34
57.0	28.72	29.78
60.0	26.13	27.14
63.0	23.48	24.54
66.0	20.82	21.83
69.0	18.09	19.09
72.0	15.35	16.34
75.0	12.63	13.58
78.0	9.942	10.83
81.0	7.339	8.240
84.0	4.892	5.818
87.0	2.789	3.760
90.0	1.435	2.341

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-29

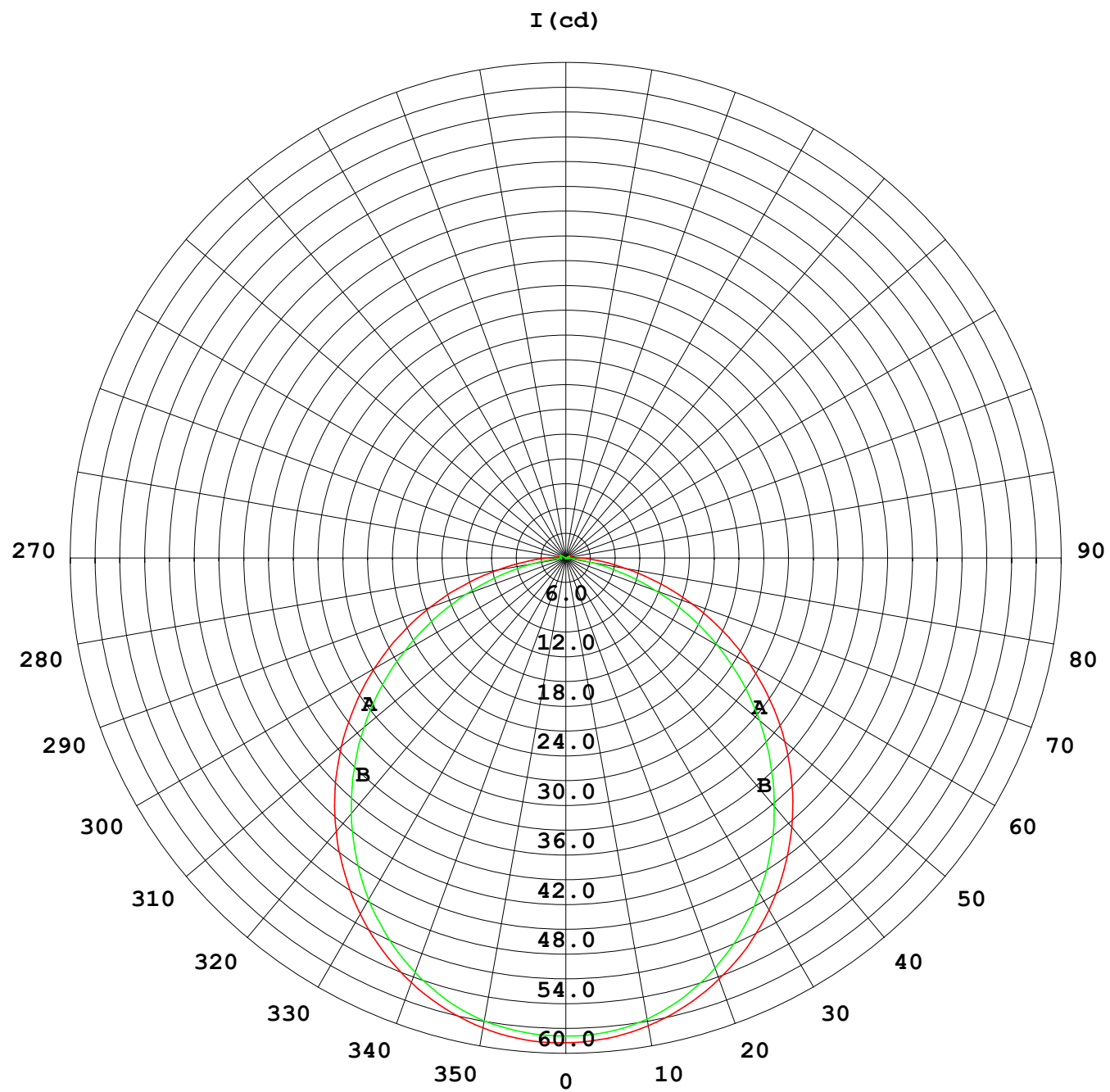
γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

93.0	0.8283	1.429
96.0	0.6885	0.9111
99.0	0.6497	0.6591
102.0	0.6109	0.6644
105.0	0.5984	0.6698
108.0	0.6937	0.6784
111.0	0.7104	0.6964
114.0	0.7126	0.7010
117.0	0.6780	0.7055
120.0	0.6182	0.7187

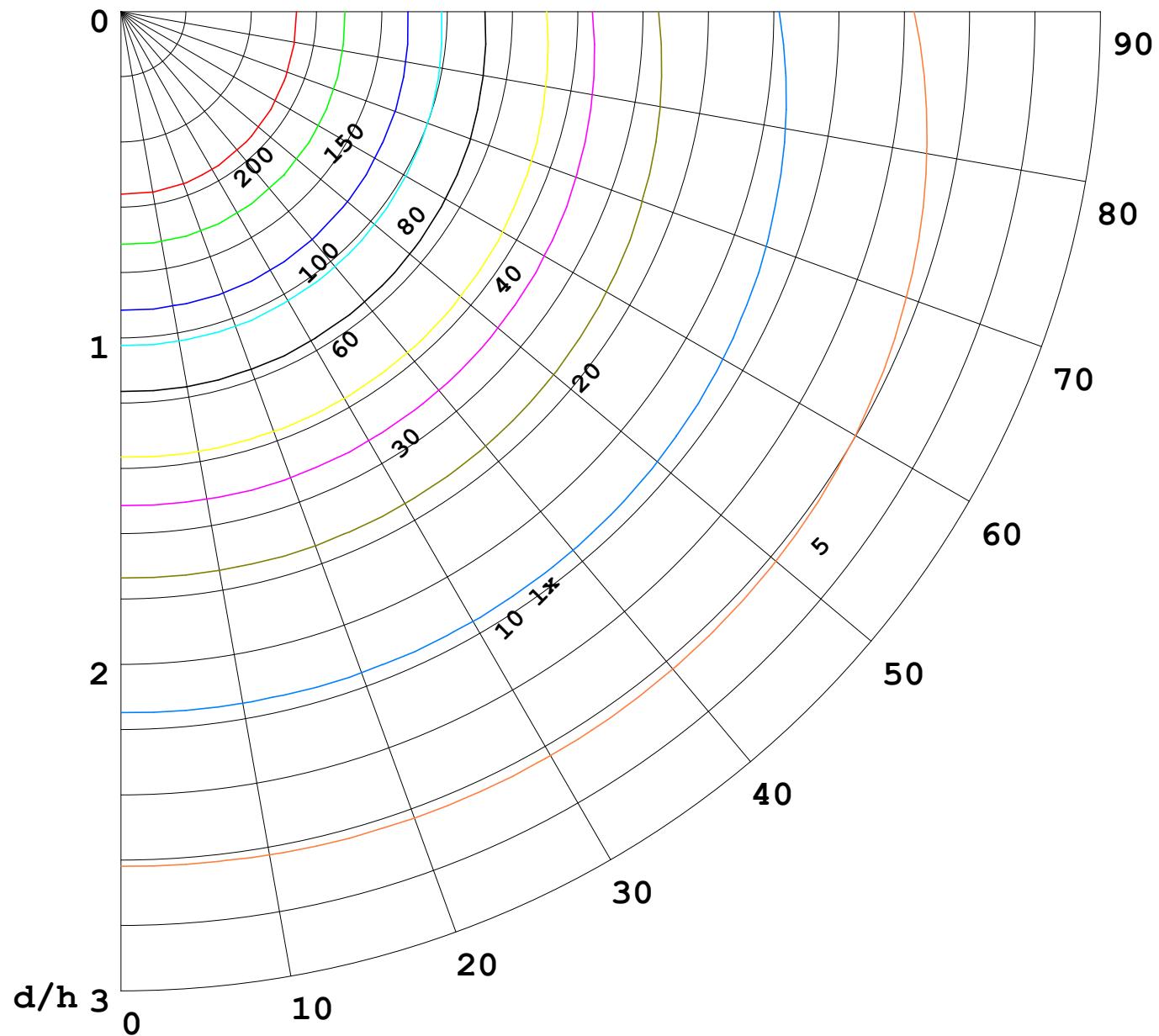
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-29

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:



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

