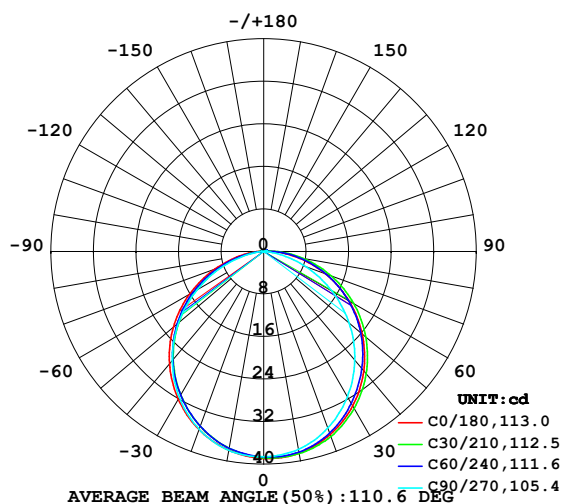


LUMINAIRE PHOTOMETRIC TEST REPORT

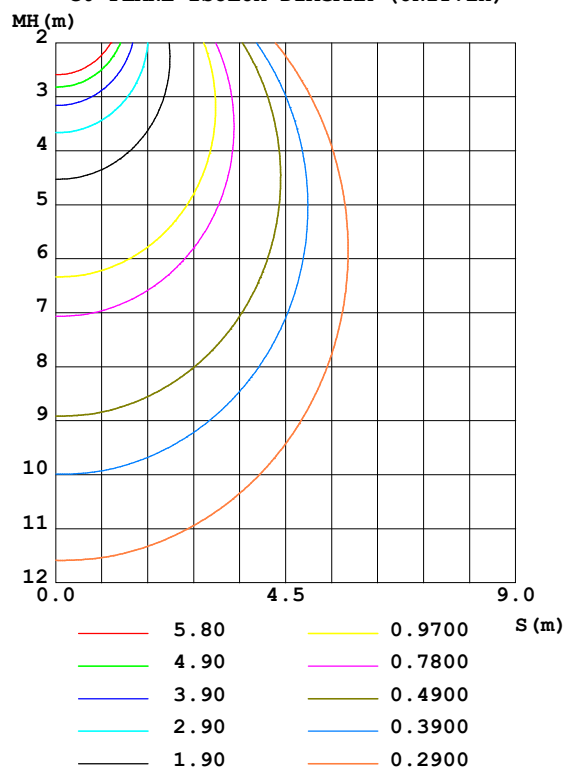
Test:U:48.00V I:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 29.70 lm/W			
MODEL	5050	I _{max} (cd)	38.95	S/MH (C0/180)	1.23
NOMINAL POWER (W)	3.3	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	48	TOTAL FLUX (lm)	111.91	η UP, DN (C0-180)	0.9, 49.0
NOMINAL FLUX (lm)	111.913	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 49.4
LAMPS INSIDE	1	η up (%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	48	η down (%)	98.4	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: 2021-12-27

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	38.51	38.45	37.81	37.19	37.95	37.57	37.98	38.63	0- 10	3.660	3.660	3.27,3.27
20	36.64	36.68	35.32	34.36	35.65	34.97	35.57	37.00	10- 20	10.45	14.11	12.6,12.6
30	33.51	33.51	31.53	30.44	32.12	31.23	31.73	34.11	20- 30	15.74	29.85	26.7,26.7
40	29.30	29.36	26.65	25.65	27.57	26.57	26.78	30.29	30- 40	18.87	48.73	43.5,43.5
50	24.21	24.46	20.98	20.11	22.19	21.08	20.93	25.57	40- 50	19.51	68.24	61,61
60	18.50	18.94	14.80	14.03	16.14	14.96	14.46	20.06	50- 60	17.58	85.82	76.7,76.7
70	12.40	13.04	8.422	7.880	9.834	8.714	8.011	14.07	60- 70	13.45	99.26	88.7,88.7
80	6.363	7.051	2.694	2.702	4.172	3.110	2.170	7.913	70- 80	7.960	107.2	95.8,95.8
90	1.862	1.955	0.3468	0.7160	0.8730	0.5079	0.1729	2.390	80- 90	2.900	110.1	98.4,98.4
100	0.5582	0.6040	0.4022	0.6746	0.5503	0.4148	0.2008	0.4857	90-100	0.8004	110.9	99.1,99.1
110	0.5378	0.5755	0.4724	0.6496	0.4917	0.4290	0.2898	0.4348	100-110	0.5192	111.4	99.6,99.6
120	0.2151	0.5453	0.1219	0.4668	0.1054	0.2810	0.3066	0.1569	110-120	0.4510	111.9	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0188	111.9	100,100
140	0	0	0	0	0	0	0	0	130-140	0	111.9	100,100
150	0	0	0	0	0	0	0	0	140-150	0	111.9	100,100
160	0	0	0	0	0	0	0	0	150-160	0	111.9	100,100
170	0	0	0	0	0	0	0	0	160-170	0	111.9	100,100
180	0	0	0	0	0	0	0	0	170-180	0	111.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 58.564 lm

%lum = 52.3%

%lamp = 52.3%

Conical surface Flux(120deg): 85.819 lm

%lum = 76.7%

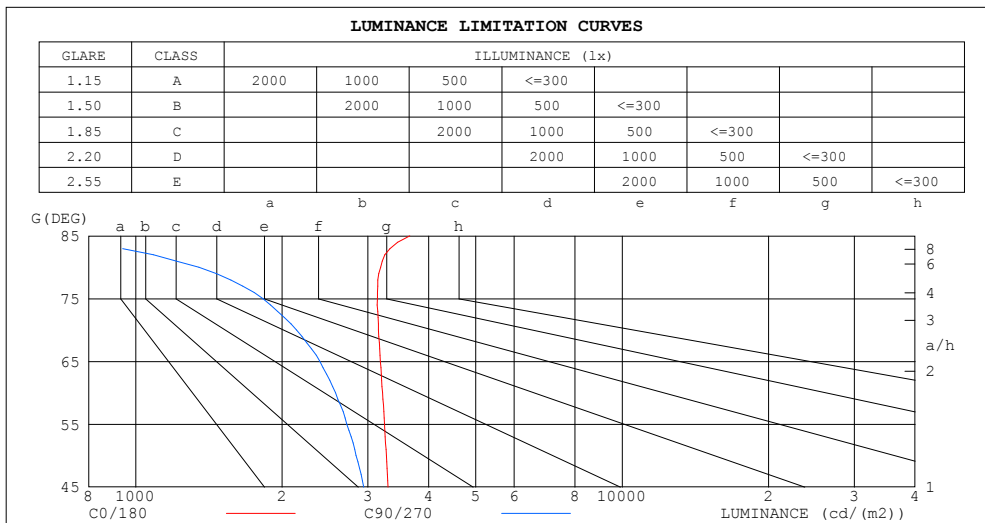
%lamp = 76.7%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3661	560
80	3186	1349
75	3139	1825
70	3154	2141
65	3184	2392
60	3217	2574
55	3247	2716
50	3275	2838
45	3303	2940

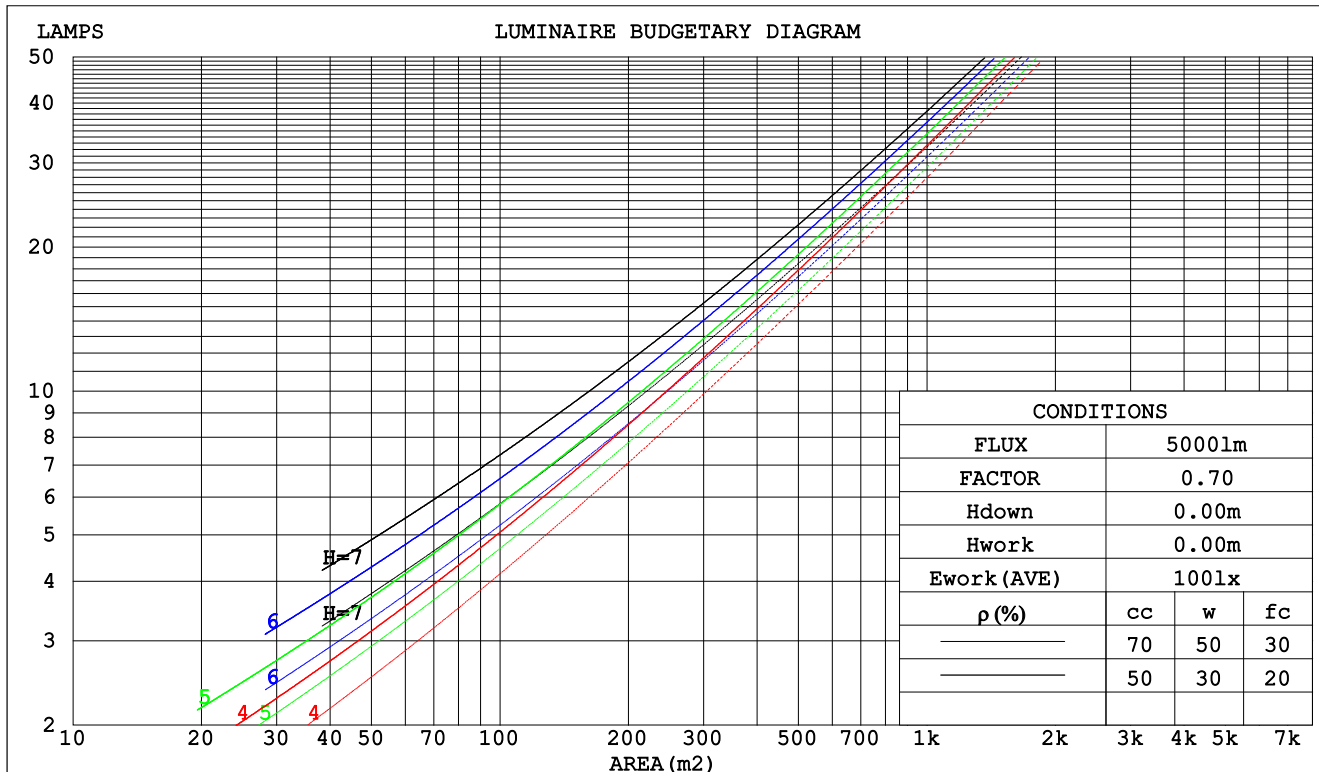
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
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	.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	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.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	.36	.30	.25	.35	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm					
NAME: SF15-48V-5050-60-RGB-G			TYPE:硅胶		WEIGHT:
SPEC.:			DIM.: 21mm*11.5mm		SERIAL No.:2021122710
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 Coeffcients(WEC)									
0.0																
1.0	.317	.180	.057	.310	.177	.056	.295	.169	.054	.282	.163	.052	.270	.157	.051	
2.0	.295	.162	.050	.288	.159	.049	.276	.153	.048	.264	.148	.046	.254	.143	.045	
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.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	.181	.093	.027	.175	.091	.027	
8.0	.186	.091	.026	.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	.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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.193	.168	.146	.165	.144	.126	.113	.099	.087	.065	.058	.051	.021	.019	.016	
2.0	.185	.144	.110	.158	.124	.095	.109	.086	.066	.063	.050	.039	.020	.016	.013	
3.0	.177	.127	.086	.152	.109	.075	.104	.076	.053	.060	.044	.031	.019	.014	.010	
4.0	.170	.113	.071	.146	.098	.061	.100	.068	.043	.058	.040	.026	.019	.013	.008	
5.0	.162	.103	.060	.139	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
6.0	.155	.095	.052	.133	.082	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
7.0	.148	.088	.046	.127	.076	.040	.088	.053	.028	.051	.031	.017	.017	.010	.006	
8.0	.142	.082	.041	.122	.071	.036	.084	.050	.026	.049	.030	.015	.016	.010	.005	
9.0	.135	.077	.038	.117	.067	.033	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.035	.112	.063	.031	.078	.045	.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:2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm											
NAME: SF15-48V-5050-60-RGB-G					TYPE:硅胶			WEIGHT:			
SPEC.:					DIM.: 21mm*11.5mm			SERIAL No.:2021122710			
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	24.9	26.5	25.2	26.7	26.9	24.2	25.7	24.5	26.0	26.2	
	3H	26.7	28.1	27.0	28.3	28.6	25.6	27.0	25.9	27.3	27.5
	4H	27.4	28.8	27.8	29.1	29.3	26.1	27.4	26.4	27.7	28.0
	6H	28.1	29.3	28.4	29.6	30.0	26.4	27.6	26.7	27.9	28.2
	8H	28.3	29.6	28.7	29.9	30.2	26.4	27.6	26.8	27.9	28.3
	12H	28.6	29.7	28.9	30.1	30.4	26.4	27.6	26.8	27.9	28.2
4H	2H	25.6	26.9	26.0	27.2	27.5	25.1	26.4	25.4	26.7	27.0
	3H	27.6	28.8	28.0	29.1	29.4	26.8	27.9	27.1	28.2	28.6
	4H	28.5	29.6	28.9	30.0	30.3	27.4	28.5	27.8	28.9	29.2
	6H	29.4	30.3	29.8	30.7	31.1	27.9	28.8	28.3	29.2	29.6
	8H	29.7	30.6	30.1	31.0	31.4	28.0	28.9	28.4	29.3	29.7
	12H	30.0	30.8	30.4	31.2	31.7	28.0	28.8	28.5	29.3	29.7
8H	4H	28.9	29.8	29.4	30.2	30.6	28.0	28.9	28.4	29.3	29.7
	6H	30.0	30.7	30.4	31.1	31.6	28.7	29.5	29.2	29.9	30.4
	8H	30.5	31.1	30.9	31.6	32.0	29.0	29.6	29.5	30.1	30.6
	12H	30.9	31.5	31.4	31.9	32.5	29.1	29.7	29.6	30.2	30.7
12H	4H	28.9	29.8	29.4	30.2	30.6	28.1	28.9	28.5	29.3	29.7
	6H	30.1	30.7	30.6	31.2	31.7	28.9	29.6	29.4	30.0	30.5
	8H	30.6	31.2	31.1	31.7	32.2	29.3	29.9	29.8	30.3	30.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4					
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.5					

CIE Pub.117, 111.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.6)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-27

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:48.00V I:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

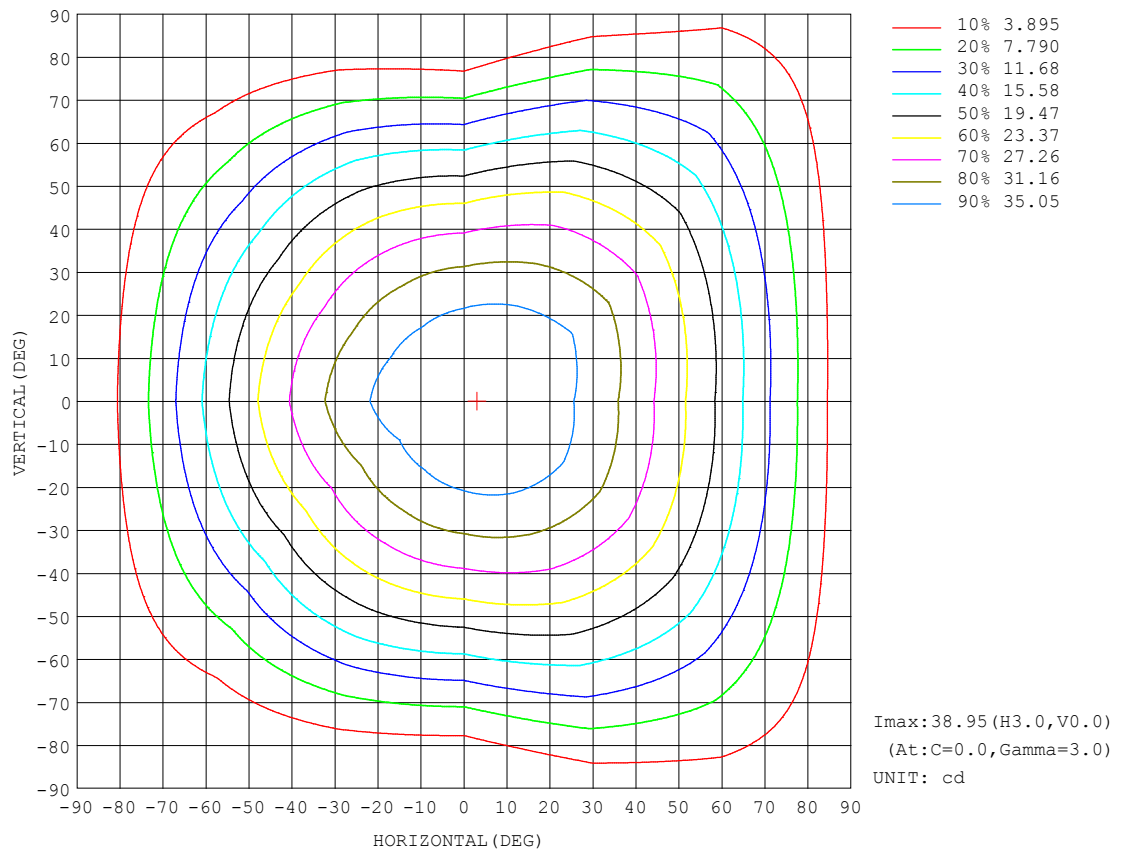
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	71	65	56	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	88	83	92	86	81	72
3.00	101	94	89	99	93	87	95	89	85	76
4.00	105	99	95	103	98	93	98	94	90	81
5.00	108	103	99	105	101	97	100	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: 2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

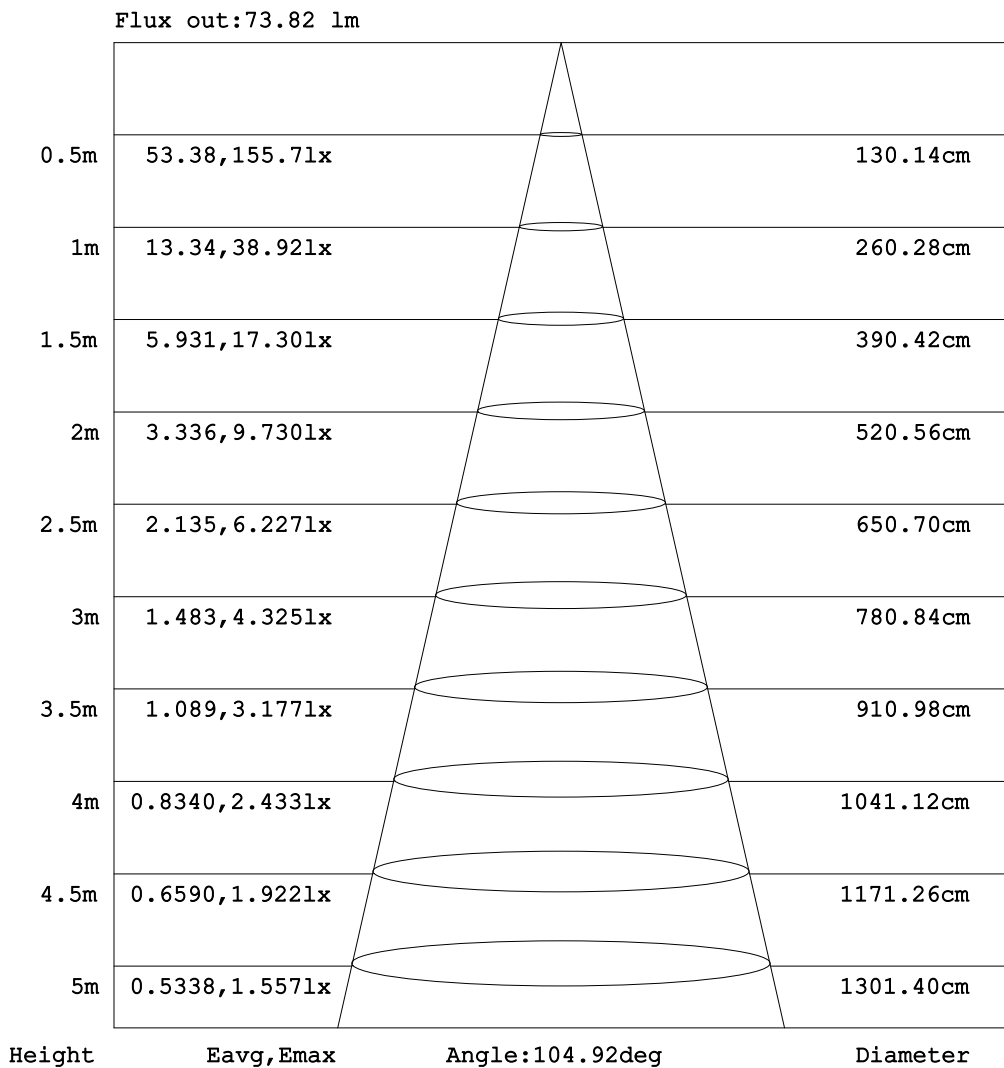


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



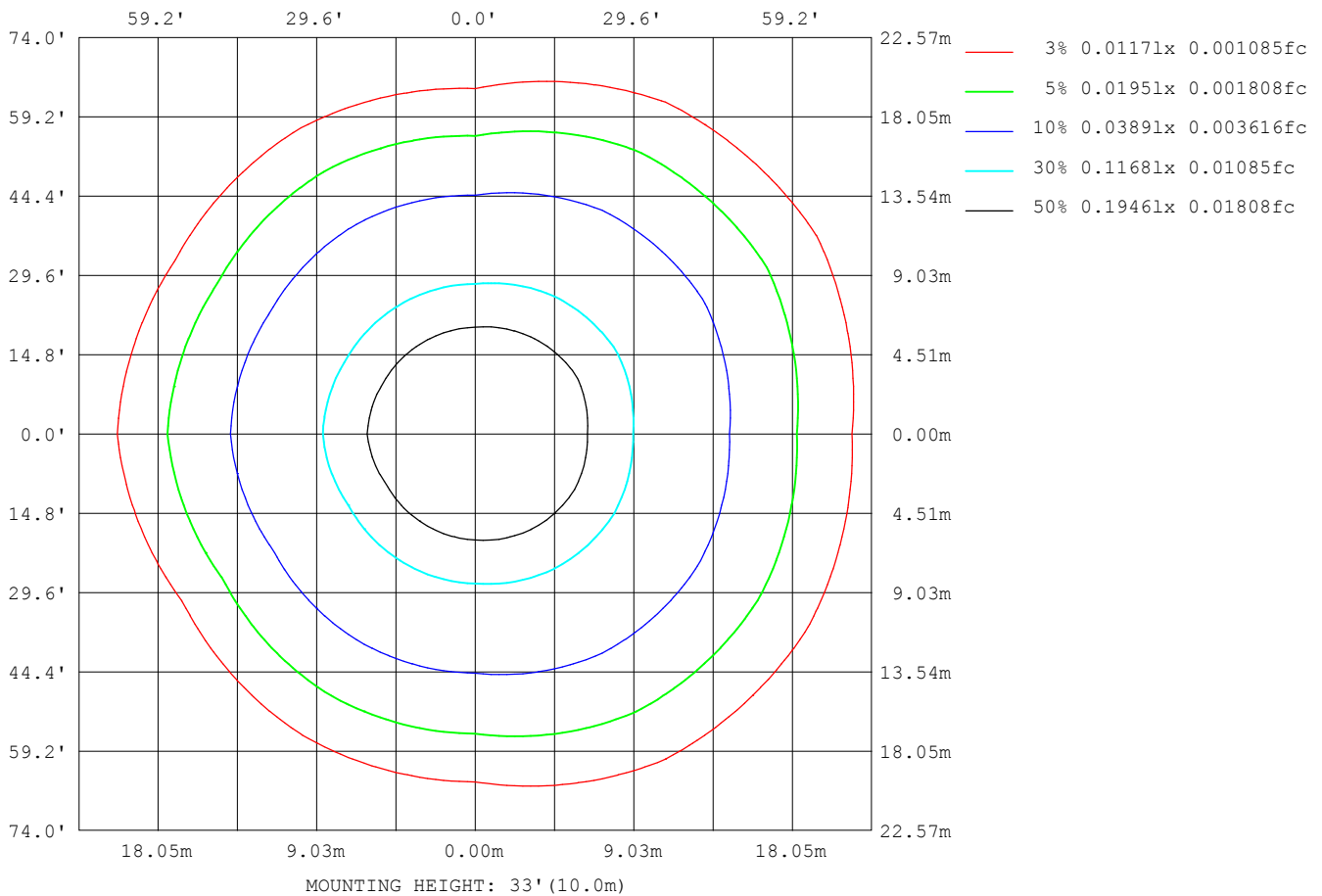
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
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:2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

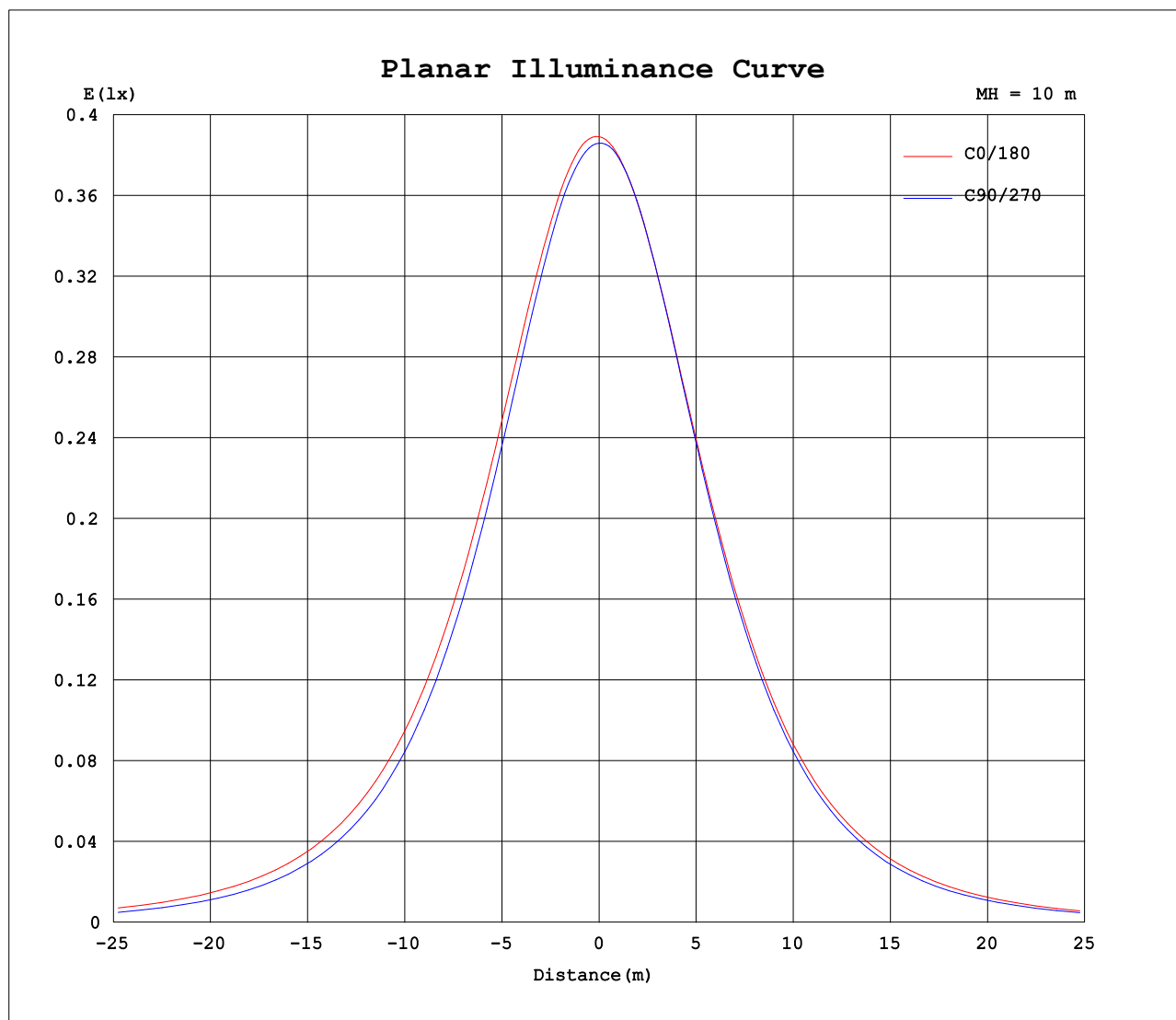
AvgL	cd/m2
L_0~180 (65) av	2925
L_0~180 (75) av	2719
L_0~180 (85) av	2897
L_90~270 (65) av	2352
L_90~270 (75) av	1738
L_90~270 (85) av	431
L_45 (65) av	2904
L_45 (75) av	2727
L_45 (85) av	3048

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-27

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: 2021-12-27

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:0.0785A P:3.768W PF:1.000 Freq:50.00Hz Lamp Flux:111.913x1 lm		
NAME: SF15-48V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122710
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	38.9	38.8	38.6	38.6	38.6	38.6	38.9	38.8	38.6	38.6	38.6	38.6						
5	38.9	38.8	38.7	38.4	38.1	38.0	38.6	38.4	38.3	38.5	38.7	38.8						
10	38.5	38.6	38.3	37.8	37.3	37.1	37.9	37.6	37.6	38.0	38.4	38.8						
15	37.7	38.0	37.5	36.8	36.1	35.8	37.0	36.4	36.5	37.0	37.7	38.3						
20	36.6	37.0	36.3	35.3	34.5	34.2	35.6	35.0	35.0	35.6	36.6	37.4						
25	35.2	35.7	34.8	33.6	32.7	32.3	34.0	33.2	33.2	33.8	35.1	36.3						
30	33.5	34.1	33.0	31.5	30.7	30.2	32.1	31.2	31.2	31.7	33.3	34.9						
35	31.5	32.2	30.9	29.2	28.4	27.9	30.0	29.0	29.0	29.4	31.4	33.1						
40	29.3	30.0	28.7	26.6	26.0	25.3	27.6	26.5	26.6	26.8	29.5	31.1						
45	26.9	27.6	26.4	23.9	23.3	22.6	25.0	23.8	24.0	24.0	27.2	28.9						
50	24.2	25.1	23.8	21.0	20.6	19.7	22.2	20.9	21.3	20.9	24.7	26.4						
55	21.4	22.4	21.2	17.9	17.6	16.6	19.2	17.8	18.4	17.7	22.1	23.7						
60	18.5	19.5	18.3	14.8	14.6	13.4	16.1	14.6	15.3	14.5	19.2	20.9						
65	15.5	16.6	15.4	11.6	11.5	10.3	13.0	11.5	12.2	11.2	16.3	18.0						
70	12.4	13.6	12.5	8.42	8.41	7.35	9.83	8.42	9.01	8.01	13.2	14.9						
75	9.34	10.5	9.55	5.43	5.49	4.63	6.84	5.50	5.94	4.91	10.1	11.9						
80	6.36	7.48	6.62	2.69	2.94	2.46	4.17	3.03	3.19	2.17	7.05	8.78						
85	3.67	4.61	3.86	0.56	1.21	1.11	2.14	1.34	1.16	0.30	4.13	5.78						
90	1.86	2.31	1.60	0.35	0.67	0.76	0.87	0.58	0.44	0.17	1.68	3.11						
95	0.93	1.08	0.70	0.38	0.65	0.70	0.58	0.49	0.40	0.18	0.58	1.43						
100	0.56	0.63	0.57	0.40	0.65	0.70	0.55	0.44	0.39	0.20	0.42	0.55						
105	0.54	0.61	0.51	0.45	0.57	0.70	0.52	0.44	0.39	0.28	0.36	0.44						
110	0.54	0.59	0.56	0.47	0.60	0.70	0.49	0.45	0.41	0.29	0.43	0.44						
115	0.54	0.57	0.57	0.43	0.62	0.69	0.37	0.46	0.31	0.30	0.44	0.45						
120	0.22	0.55	0.54	0.12	0.66	0.28	0.11	0.47	0.09	0.31	0.13	0.18						
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:2021-12-27

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	38.92	38.82	38.63	38.60	38.63	38.61	38.92	38.82	38.63	38.60
3.0	38.95	38.87	38.67	38.50	38.37	38.29	38.78	38.59	38.47	38.60
6.0	38.87	38.83	38.62	38.28	37.99	37.84	38.50	38.23	38.15	38.44
9.0	38.62	38.67	38.41	37.94	37.51	37.28	38.10	37.75	37.74	38.14
12.0	38.24	38.39	38.05	37.42	36.88	36.58	37.58	37.15	37.18	37.63
15.0	37.73	37.98	37.52	36.76	36.08	35.78	36.96	36.42	36.45	36.98
18.0	37.12	37.44	36.85	35.95	35.17	34.89	36.21	35.63	35.58	36.18
21.0	36.38	36.79	36.04	35.00	34.16	33.85	35.34	34.63	34.63	35.24
24.0	35.53	35.97	35.12	33.96	33.08	32.75	34.37	33.63	33.57	34.17
27.0	34.58	35.04	34.10	32.82	31.90	31.55	33.28	32.41	32.42	33.01
30.0	33.51	34.06	32.97	31.53	30.66	30.22	32.12	31.24	31.22	31.73
33.0	32.36	32.93	31.77	30.20	29.34	28.88	30.86	29.90	29.93	30.32
36.0	31.10	31.73	30.50	28.70	27.94	27.40	29.51	28.49	28.57	28.87
39.0	29.77	30.45	29.18	27.21	26.47	25.86	28.06	27.00	27.14	27.31
42.0	28.34	29.07	27.79	25.62	24.92	24.31	26.57	25.43	25.63	25.66
45.0	26.86	27.63	26.36	23.91	23.33	22.60	24.97	23.79	24.04	23.95
48.0	25.29	26.14	24.86	22.20	21.69	20.90	23.33	22.06	22.41	22.16
51.0	23.67	24.57	23.32	20.41	19.98	19.10	21.63	20.28	20.71	20.30
54.0	21.99	22.93	21.72	18.55	18.24	17.21	19.85	18.44	18.97	18.42
57.0	20.26	21.28	20.04	16.71	16.47	15.35	18.03	16.55	17.16	16.47
60.0	18.50	19.54	18.34	14.80	14.65	13.41	16.14	14.61	15.31	14.46
63.0	16.71	17.77	16.62	12.88	12.80	11.54	14.23	12.74	13.43	12.52
66.0	14.87	15.99	14.87	10.99	10.92	9.725	12.33	10.89	11.55	10.58
69.0	13.02	14.16	13.10	9.055	9.027	7.930	10.44	9.017	9.633	8.635
72.0	11.19	12.33	11.33	7.186	7.199	6.226	8.598	7.223	7.743	6.767
75.0	9.344	10.51	9.545	5.433	5.494	4.630	6.840	5.499	5.940	4.912
78.0	7.515	8.669	7.756	3.749	3.900	3.233	5.186	3.905	4.252	3.161
81.0	5.780	6.870	6.036	2.182	2.507	2.113	3.719	2.627	2.704	1.653
84.0	4.152	5.166	4.374	0.9259	1.466	1.310	2.494	1.601	1.479	0.4213
87.0	2.829	3.574	2.840	0.3667	0.8460	0.8285	1.526	0.9216	0.7023	0.1964
90.0	1.862	2.314	1.597	0.3468	0.6685	0.7636	0.8730	0.5787	0.4371	0.1729
93.0	1.223	1.475	0.9113	0.3619	0.6572	0.6986	0.5913	0.5077	0.4121	0.1755
96.0	0.8204	0.9436	0.6390	0.3770	0.6534	0.7025	0.5737	0.4797	0.4000	0.1781
99.0	0.5936	0.6378	0.5861	0.4021	0.6497	0.7012	0.5561	0.4377	0.3933	0.1808
102.0	0.5479	0.6257	0.5501	0.4425	0.6234	0.6998	0.5386	0.4404	0.3865	0.2260
105.0	0.5378	0.6135	0.5076	0.4537	0.5739	0.6985	0.5210	0.4436	0.3868	0.2814
108.0	0.5378	0.6014	0.5276	0.4649	0.5914	0.6971	0.5034	0.4480	0.3970	0.2864
111.0	0.5378	0.5893	0.5778	0.4675	0.6081	0.6958	0.4858	0.4523	0.4174	0.2914
114.0	0.5378	0.5771	0.5764	0.4875	0.6181	0.6944	0.4214	0.4561	0.3580	0.2965
117.0	0.5378	0.5650	0.5665	0.3047	0.6242	0.6883	0.2634	0.4599	0.2237	0.3015
120.0	0.2151	0.5528	0.5378	0.1219	0.6584	0.2753	0.1054	0.4724	0.0895	0.3066
G/C	300.0	330.0								
0.0	38.63	38.61								
3.0	38.69	38.81								
6.0	38.65	38.84								
9.0	38.52	38.82								
12.0	38.20	38.67								
15.0	37.71	38.33								
18.0	37.10	37.84								
21.0	36.33	37.18								
24.0	35.43	36.52								
27.0	34.42	35.72								
30.0	33.32	34.90								
33.0	32.20	33.86								
36.0	31.05	32.76								
39.0	29.85	31.56								
42.0	28.60	30.25								
45.0	27.25	28.88								
48.0	25.77	27.41								
51.0	24.22	25.89								
54.0	22.60	24.31								
57.0	20.94	22.64								
60.0	19.22	20.91								
63.0	17.45	19.19								
66.0	15.66	17.39								
69.0	13.83	15.57								
72.0	11.96	13.72								
75.0	10.12	11.88								
78.0	8.271	9.992								
81.0	6.462	8.157								
84.0	4.703	6.349								
87.0	3.066	4.619								
90.0	1.675	3.105								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-27

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:

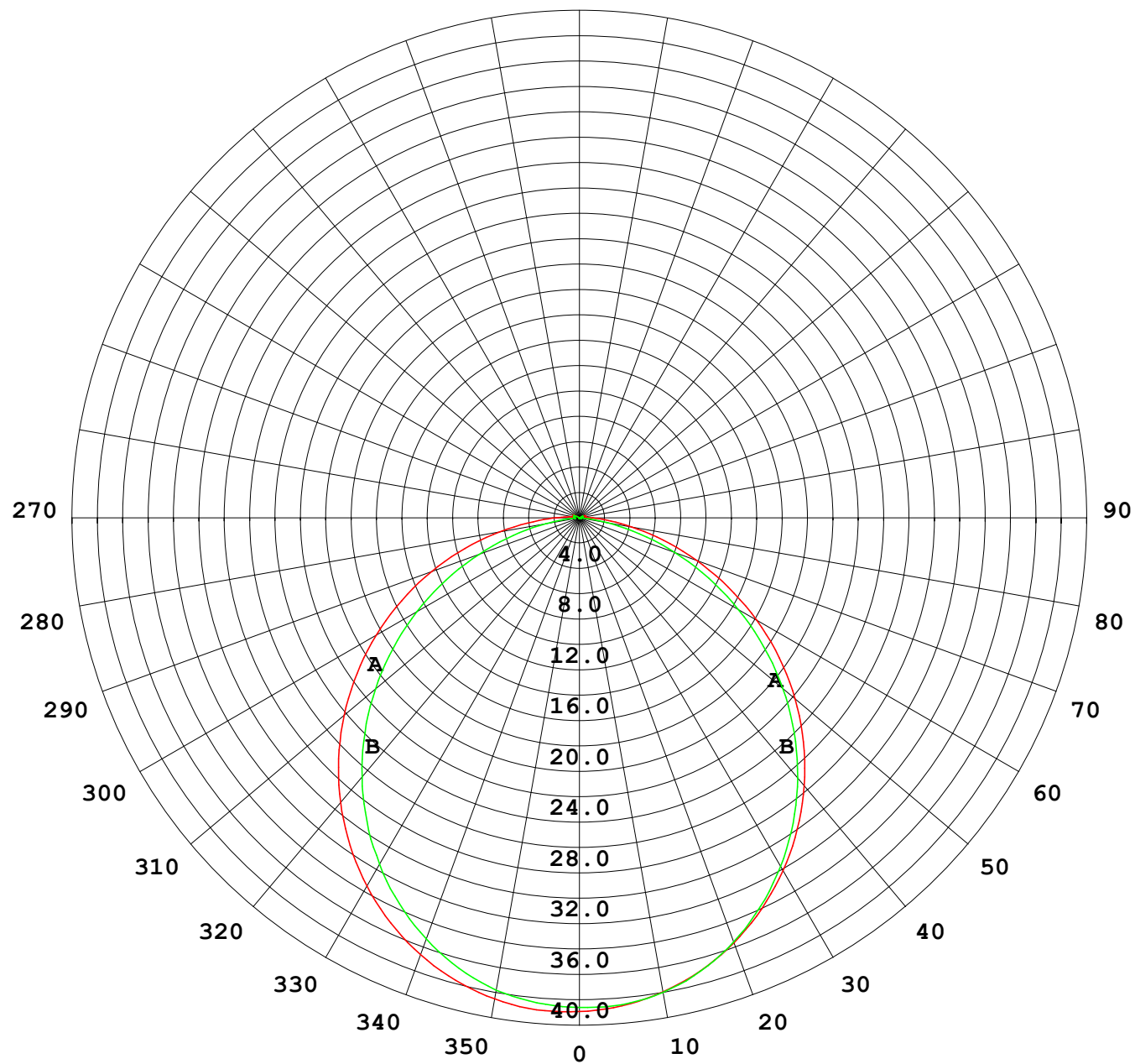
Photometric Data Table [cd]

93.0	0.8526	1.963
96.0	0.5019	1.213
99.0	0.4221	0.7102
102.0	0.4020	0.4421
105.0	0.3619	0.4401
108.0	0.3922	0.4414
111.0	0.4373	0.4445
114.0	0.4522	0.4512
117.0	0.3267	0.4579
120.0	0.1307	0.1832

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-27

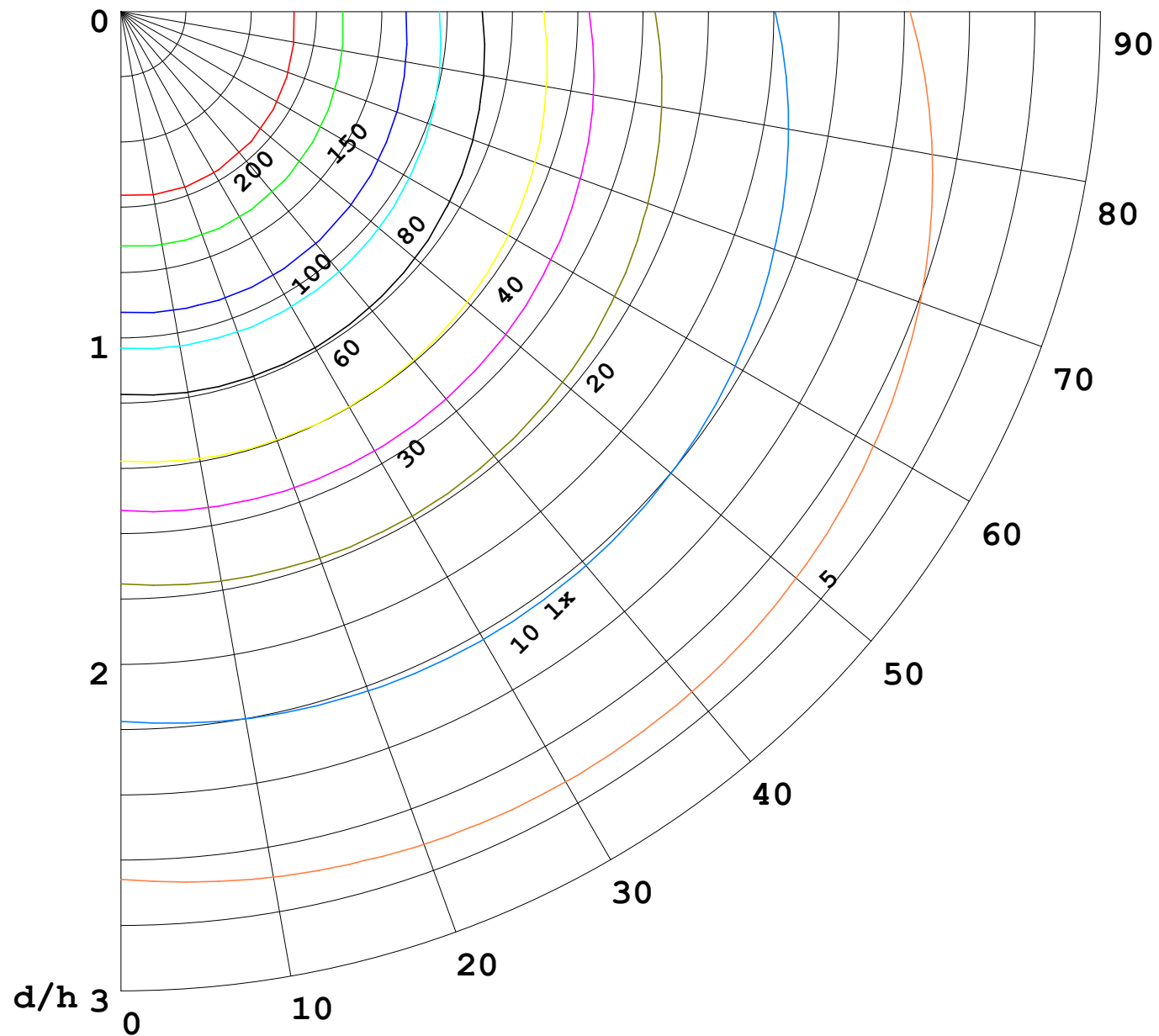
γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

