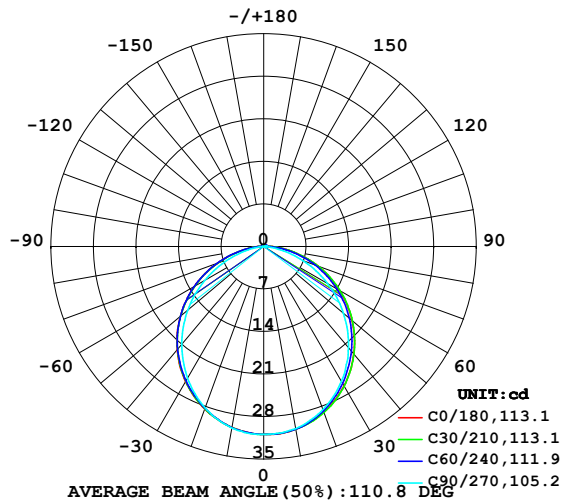


LUMINAIRE PHOTOMETRIC TEST REPORT

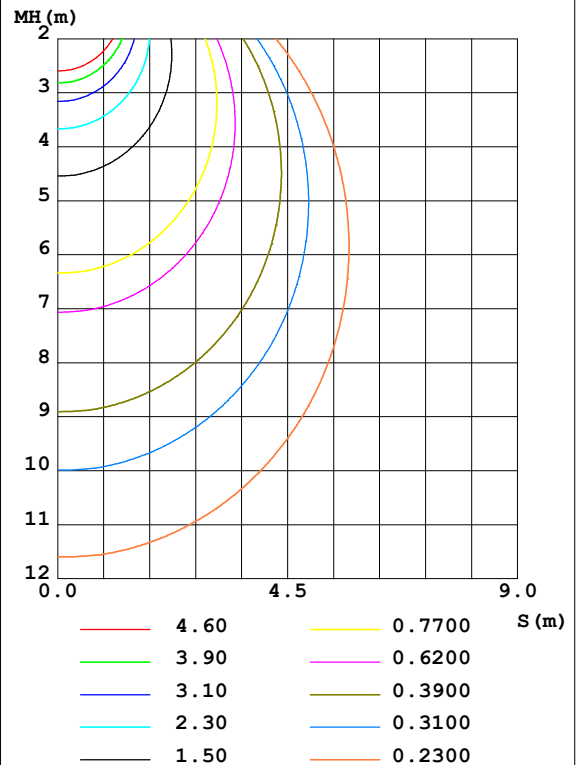
Test:U:24.00V I:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.: 2021123019
MFR.: OLYMPIA	SUR.: 1*0.0115	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 19.44 lm/W			
MODEL	5050	I _{max} (cd)	30.94	S/MH (C0/180)	1.24
NOMINAL POWER (W)	3.75	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	88.926	η UP, DN (C0-180)	0.8, 50.0
NOMINAL FLUX (lm)	88.9259	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 48.7
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: 2021-12-30

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	30.54	30.54	30.42	30.30	30.22	30.25	30.34	30.50	0- 10	2.928	2.928	3.29,3.29
20	29.01	28.94	28.56	28.51	28.46	28.37	28.25	28.69	10- 20	8.362	11.29	12.7,12.7
30	26.48	26.27	25.61	25.77	25.72	25.60	25.06	25.97	20- 30	12.60	23.89	26.9,26.9
40	23.08	22.79	21.74	22.22	22.16	22.07	21.00	22.56	30- 40	15.10	38.98	43.8,43.8
50	19.01	18.74	17.16	17.99	17.93	17.88	16.32	18.61	40- 50	15.62	54.60	61.4,61.4
60	14.43	14.19	12.12	13.25	13.19	13.14	11.21	14.10	50- 60	14.09	68.69	77.2,77.2
70	9.523	9.320	6.885	8.212	8.166	8.124	6.055	9.247	60- 70	10.76	79.45	89.3,89.3
80	4.663	4.448	2.042	3.428	3.489	3.327	1.481	4.380	70- 80	6.238	85.69	96.4,96.4
90	1.274	0.9800	0.2804	0.6962	0.7073	0.5355	0.1275	0.8521	80- 90	2.021	87.71	98.6,98.6
100	0.3620	0.4391	0.3168	0.5144	0.3346	0.3369	0.1506	0.2805	90-100	0.4924	88.20	99.2,99.2
110	0.3619	0.4493	0.3702	0.4865	0.3124	0.3508	0.1947	0.2937	100-110	0.3795	88.58	99.6,99.6
120	0.1463	0.2621	0.0942	0.2987	0.3368	0.3392	0.2211	0.1674	110-120	0.3288	88.91	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0133	88.93	100,100
140	0	0	0	0	0	0	0	0	130-140	0	88.93	100,100
150	0	0	0	0	0	0	0	0	140-150	0	88.93	100,100
160	0	0	0	0	0	0	0	0	150-160	0	88.93	100,100
170	0	0	0	0	0	0	0	0	160-170	0	88.93	100,100
180	0	0	0	0	0	0	0	0	170-180	0	88.93	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 46.858 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 68.69 lm

%lum = 77.2%

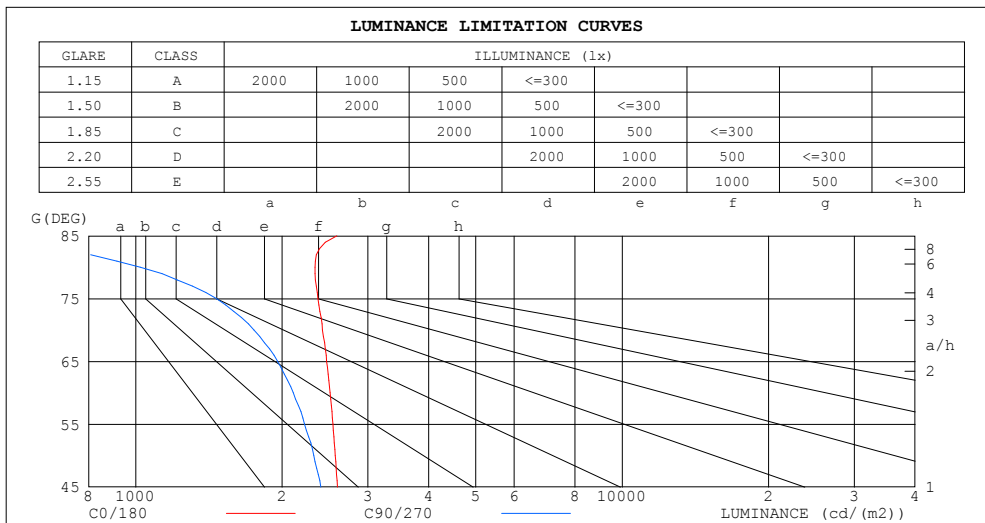
%lamp = 77.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2591	395
80	2335	1022
75	2369	1466
70	2421	1751
65	2468	1957
60	2510	2107
55	2544	2224
50	2572	2322
45	2599	2402

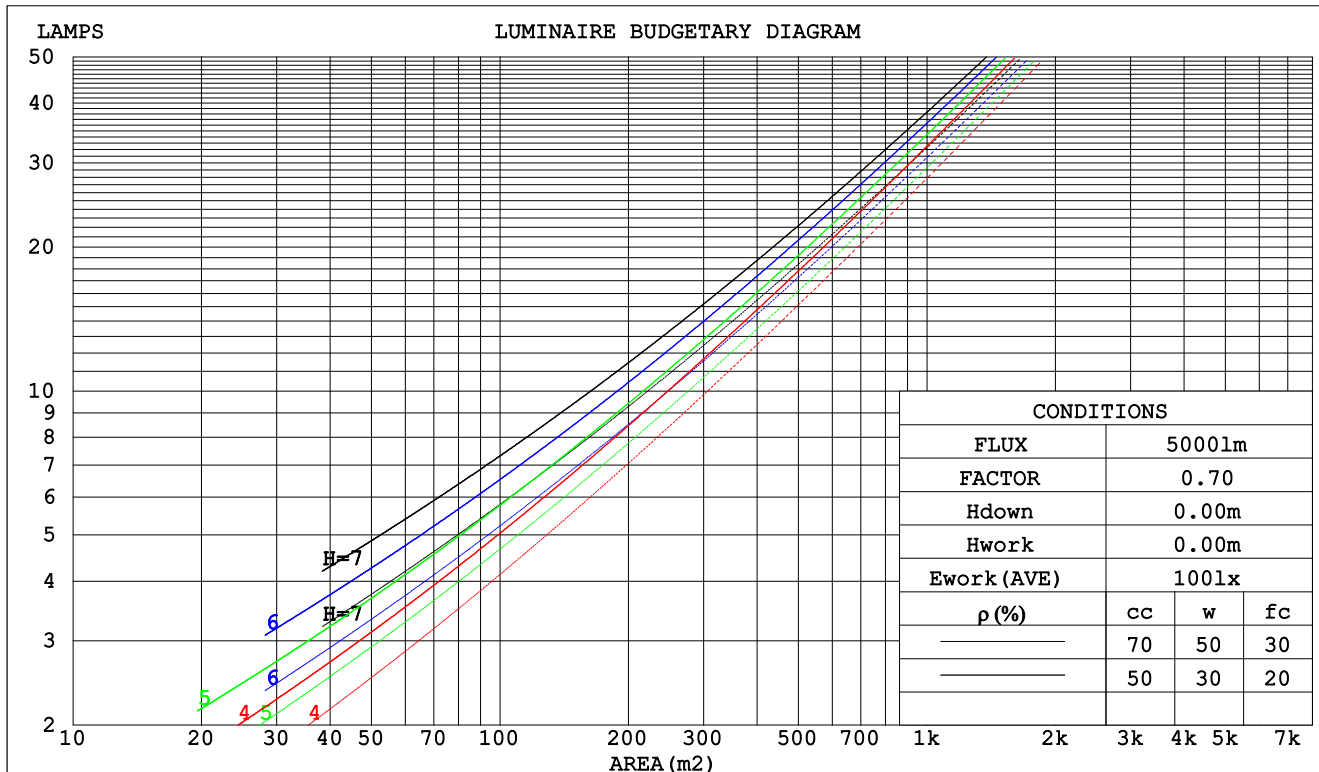
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
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	.90	.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	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.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	.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	.28	.40	.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:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
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	.178	.056	.306	.175	.055	.292	.168	.053	.279	.161	.052	.267	.155	.050		
2.0	.293	.161	.049	.287	.158	.049	.274	.152	.047	.263	.147	.046	.252	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.133	.041	.234	.130	.040		
4.0	.249	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.037	.217	.118	.036		
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.214	.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	.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	.191	.167	.145	.163	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.142	.108	.157	.123	.094	.107	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.175	.125	.085	.150	.108	.074	.103	.075	.052	.060	.044	.030	.019	.014	.010	
4.0	.168	.112	.069	.144	.096	.060	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.058	.138	.088	.050	.095	.061	.036	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.050	.131	.080	.043	.091	.056	.031	.053	.033	.018	.017	.011	.006	
7.0	.146	.086	.044	.126	.075	.038	.087	.052	.027	.050	.031	.016	.016	.010	.005	
8.0	.140	.080	.039	.120	.070	.034	.083	.049	.024	.048	.029	.015	.016	.009	.005	
9.0	.134	.075	.036	.115	.065	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.110	.062	.029	.076	.043	.021	.045	.026	.012	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm											
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W						TYPE:硅胶			WEIGHT:		
SPEC.:						DIM.: 21mm*11.5mm			SERIAL No.:2021123019		
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	24.7	26.2	25.0	26.4	26.6	24.1	25.6	24.4	25.9	26.1	
	3H	26.4	27.7	26.7	28.0	28.3	25.5	26.9	25.8	27.1	27.4
	4H	27.1	28.4	27.4	28.7	29.0	26.0	27.3	26.3	27.6	27.8
	6H	27.7	28.9	28.0	29.2	29.5	26.2	27.4	26.5	27.7	28.0
	8H	27.9	29.1	28.3	29.4	29.7	26.2	27.4	26.6	27.7	28.0
	12H	28.1	29.2	28.5	29.6	29.9	26.2	27.3	26.6	27.7	28.0
4H	2H	25.3	26.6	25.6	26.9	27.2	24.9	26.2	25.2	26.5	26.8
	3H	27.2	28.3	27.6	28.7	29.0	26.5	27.7	26.9	28.0	28.3
	4H	28.1	29.1	28.4	29.5	29.8	27.1	28.2	27.5	28.5	28.9
	6H	28.8	29.7	29.2	30.1	30.5	27.5	28.4	27.9	28.8	29.2
	8H	29.1	30.0	29.5	30.4	30.8	27.6	28.5	28.0	28.9	29.3
	12H	29.3	30.1	29.8	30.6	31.0	27.6	28.4	28.0	28.8	29.2
8H	4H	28.3	29.2	28.8	29.6	30.0	27.5	28.4	28.0	28.8	29.2
	6H	29.3	30.0	29.7	30.4	30.9	28.2	28.9	28.6	29.3	29.8
	8H	29.7	30.3	30.2	30.8	31.3	28.3	29.0	28.8	29.4	29.9
	12H	30.1	30.6	30.6	31.1	31.6	28.4	29.0	28.9	29.5	30.0
12H	4H	28.4	29.2	28.8	29.6	30.0	27.6	28.4	28.0	28.8	29.2
	6H	29.3	30.0	29.8	30.4	30.9	28.3	28.9	28.8	29.4	29.9
	8H	29.8	30.4	30.3	30.8	31.3	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 / - 0.5					

CIE Pub.117, 88.93 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -8.4)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

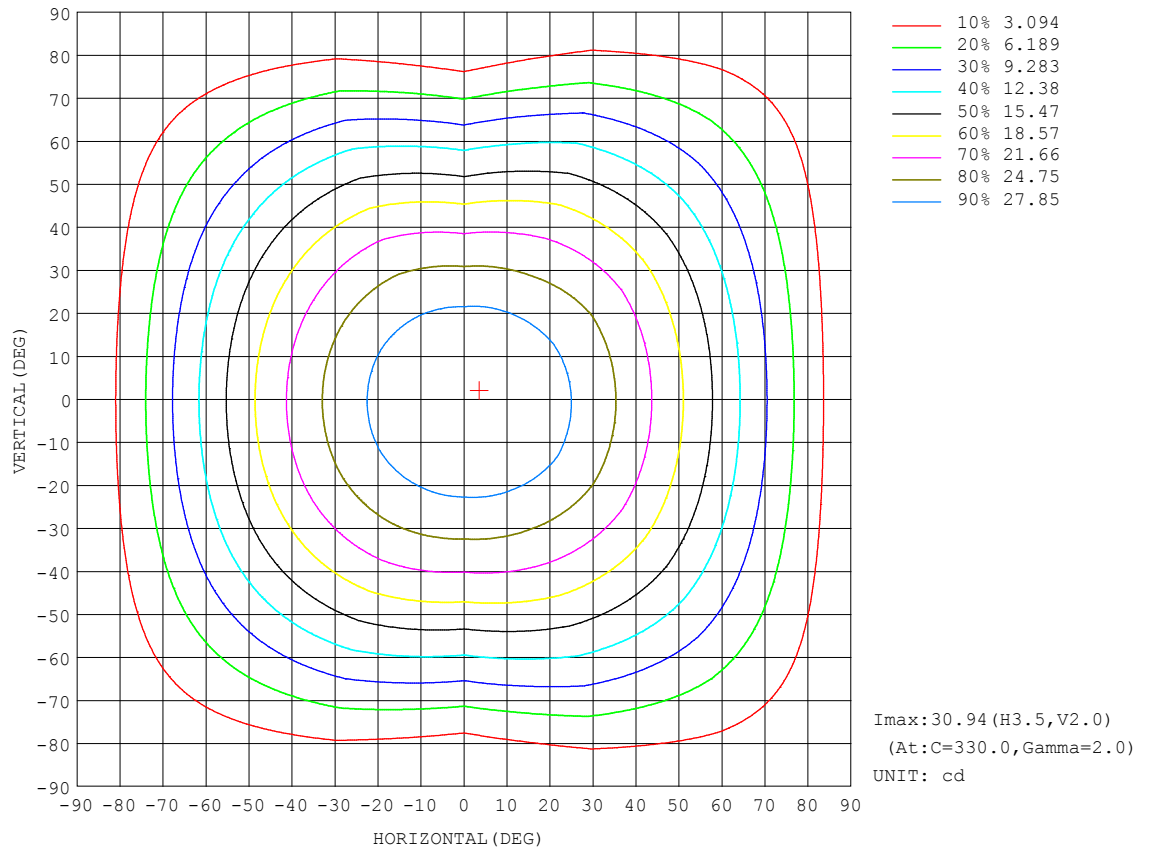
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	84
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

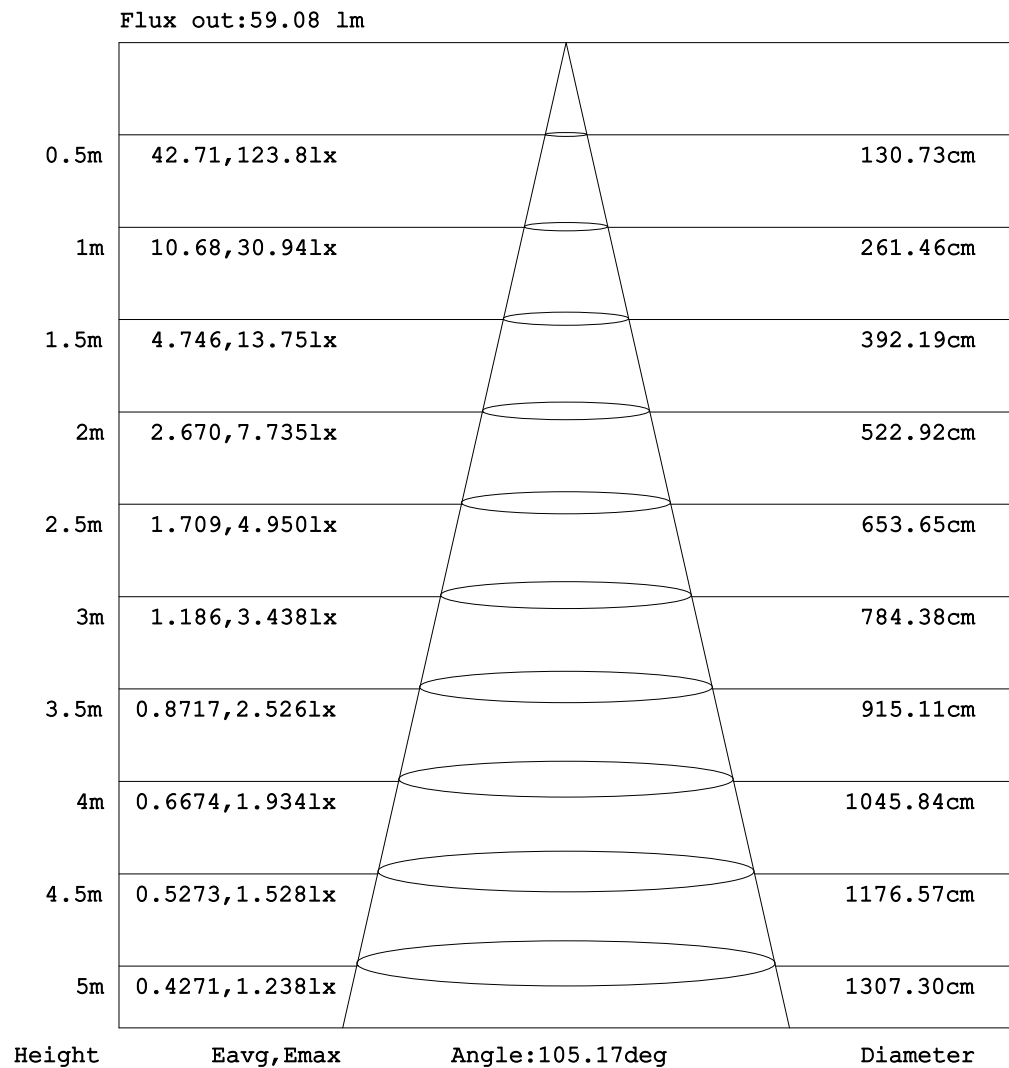


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



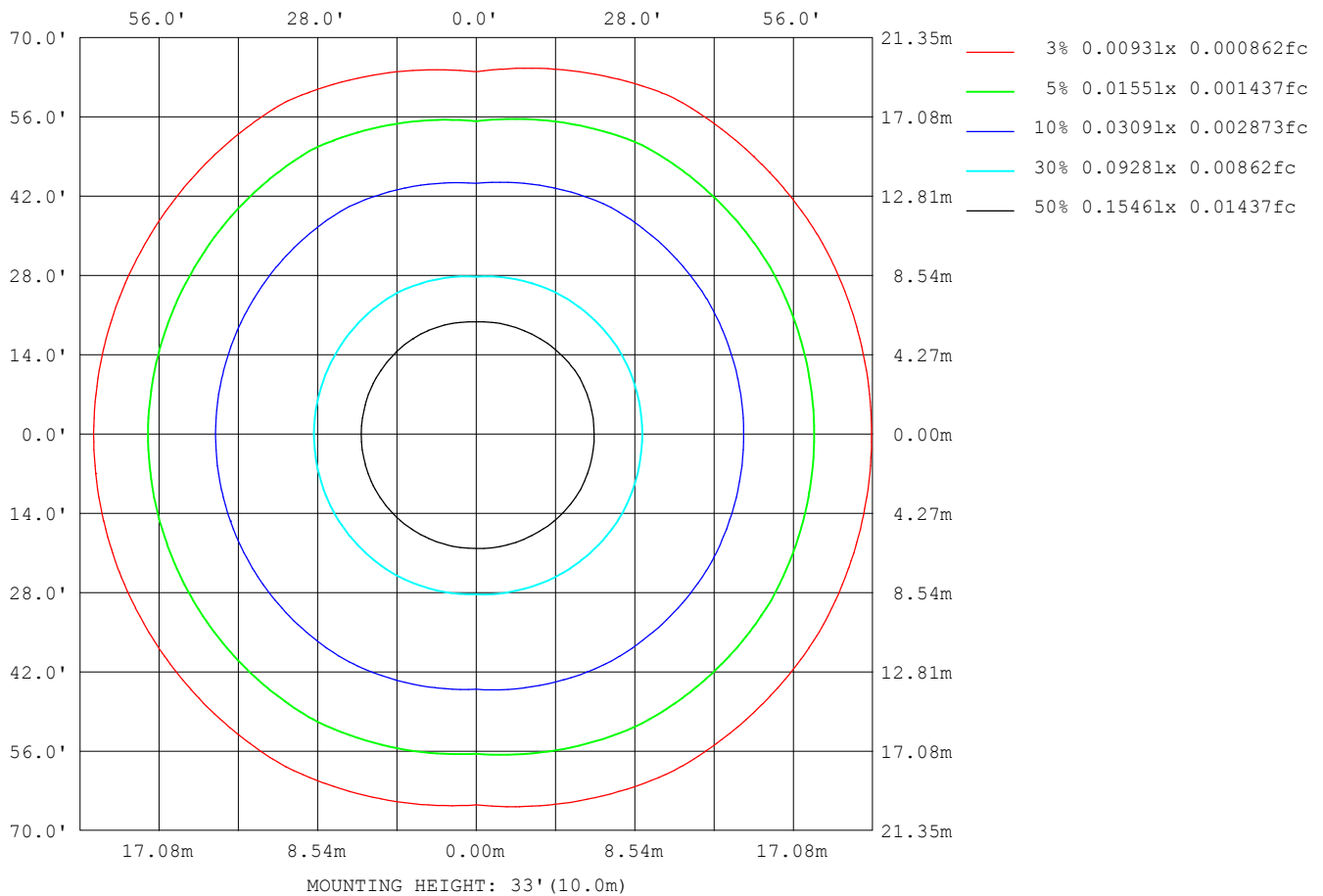
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
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:2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

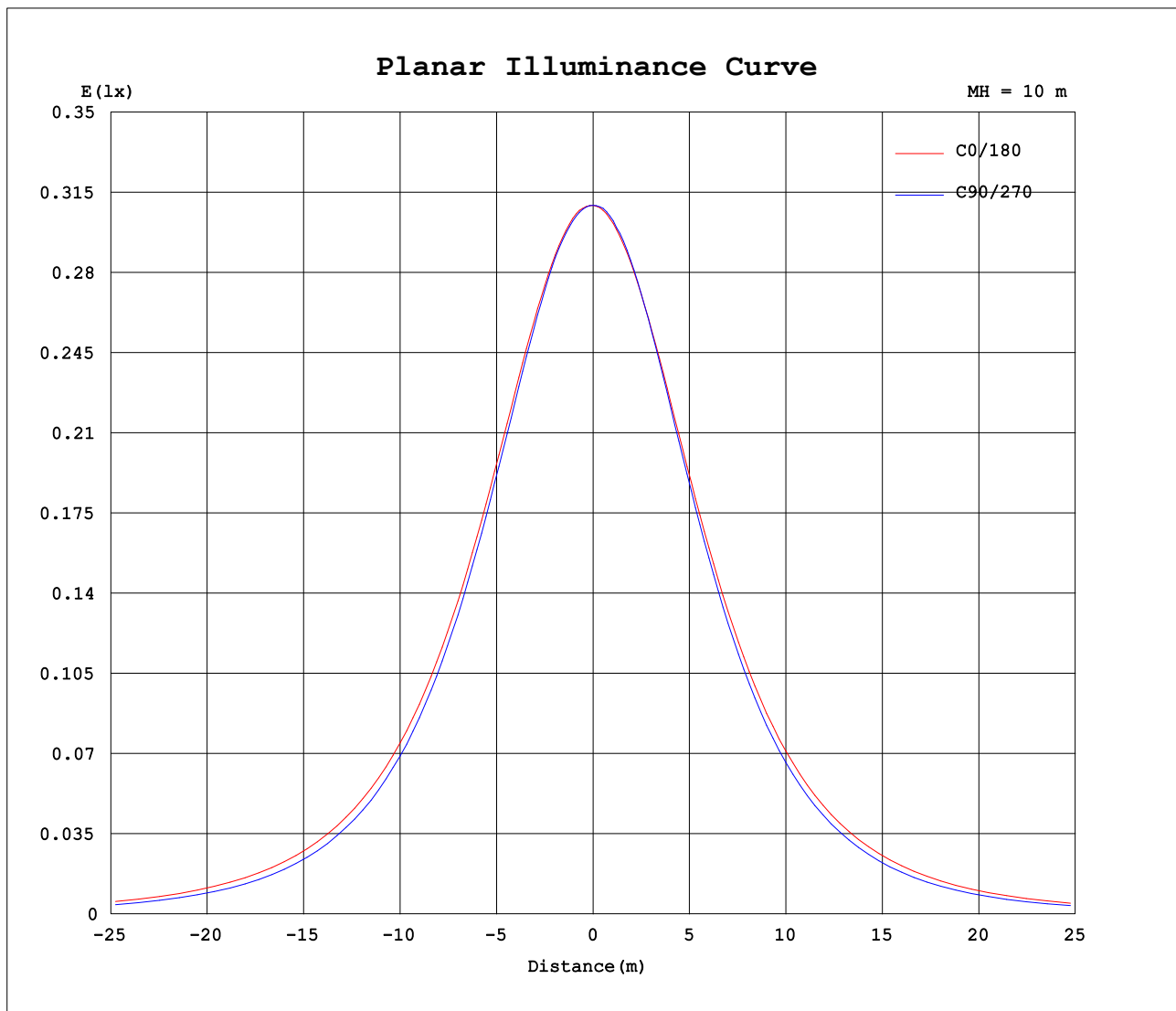
AvgL	cd/m2
L_0~180(65)av	2334
L_0~180(75)av	2143
L_0~180(85)av	2182
L_90~270(65)av	1865
L_90~270(75)av	1341
L_90~270(85)av	296
L_45(65)av	2336
L_45(75)av	2144
L_45(85)av	2011

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-30

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: 2021-12-30

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:0.1906A P:4.574W PF:1.000 Freq:50.00Hz Lamp Flux:88.9259x1 lm		
NAME: SF15-24V-5050-56-DMX4SM-RGBW(4000)-W	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021123019
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	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9						
5	30.9	30.9	30.9	30.8	30.8	30.7	30.7	30.8	30.7	30.8	30.8	30.9						
10	30.5	30.5	30.5	30.4	30.3	30.3	30.2	30.3	30.3	30.3	30.4	30.6						
15	29.9	29.9	29.8	29.6	29.6	29.5	29.5	29.5	29.4	29.5	29.6	29.9						
20	29.0	29.1	28.8	28.6	28.5	28.5	28.5	28.4	28.3	28.2	28.5	28.9						
25	27.8	27.9	27.5	27.2	27.2	27.3	27.2	27.1	27.0	26.8	27.2	27.7						
30	26.5	26.5	26.0	25.6	25.7	25.8	25.7	25.6	25.6	25.1	25.5	26.4						
35	24.9	24.9	24.3	23.8	24.1	24.1	24.0	24.0	23.9	23.1	23.8	24.8						
40	23.1	23.1	22.5	21.7	22.2	22.2	22.2	22.1	22.1	21.0	22.1	23.0						
45	21.1	21.2	20.5	19.5	20.2	20.2	20.1	20.0	20.0	18.7	20.3	21.1						
50	19.0	19.1	18.4	17.2	18.0	18.0	17.9	17.9	17.9	16.3	18.3	19.0						
55	16.8	16.8	16.2	14.7	15.7	15.6	15.6	15.5	15.6	13.8	16.1	16.7						
60	14.4	14.5	13.9	12.1	13.3	13.2	13.2	13.1	13.2	11.2	13.8	14.4						
65	12.0	12.1	11.5	9.51	10.8	10.7	10.7	10.6	10.7	8.61	11.4	12.0						
70	9.52	9.60	9.04	6.89	8.25	8.17	8.17	8.04	8.21	6.06	8.98	9.52						
75	7.05	7.12	6.59	4.36	5.75	5.71	5.70	5.58	5.68	3.62	6.52	7.03						
80	4.66	4.70	4.19	2.04	3.41	3.45	3.49	3.32	3.33	1.48	4.13	4.63						
85	2.60	2.54	2.07	0.40	1.56	1.75	1.78	1.65	1.40	0.20	1.98	2.48						
90	1.27	1.17	0.79	0.28	0.62	0.77	0.71	0.65	0.42	0.13	0.62	1.09						
95	0.59	0.53	0.49	0.29	0.53	0.52	0.36	0.38	0.36	0.12	0.35	0.45						
100	0.36	0.42	0.46	0.32	0.51	0.52	0.33	0.37	0.31	0.15	0.29	0.27						
105	0.36	0.44	0.41	0.36	0.45	0.53	0.32	0.36	0.29	0.18	0.28	0.28						
110	0.36	0.46	0.44	0.37	0.46	0.51	0.31	0.36	0.34	0.19	0.30	0.29						
115	0.36	0.32	0.46	0.33	0.47	0.38	0.32	0.35	0.36	0.20	0.30	0.26						
120	0.15	0.09	0.43	0.09	0.49	0.11	0.34	0.32	0.36	0.22	0.29	0.04						
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:2021-12-30

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	30.93	30.94	30.92	30.93	30.93	30.94	30.93	30.94	30.92	30.93
3.0	30.94	30.92	30.93	30.89	30.91	30.84	30.84	30.87	30.84	30.93
6.0	30.86	30.83	30.85	30.75	30.73	30.66	30.64	30.67	30.66	30.76
9.0	30.64	30.63	30.63	30.51	30.45	30.37	30.33	30.37	30.37	30.48
12.0	30.32	30.33	30.32	30.16	30.09	29.97	29.95	29.96	29.95	30.02
15.0	29.90	29.94	29.84	29.64	29.57	29.50	29.46	29.47	29.42	29.46
18.0	29.40	29.45	29.25	29.01	28.97	28.95	28.89	28.89	28.78	28.77
21.0	28.79	28.86	28.57	28.31	28.27	28.27	28.22	28.17	28.08	27.99
24.0	28.09	28.20	27.79	27.50	27.49	27.54	27.47	27.43	27.30	27.10
27.0	27.33	27.37	26.94	26.61	26.68	26.72	26.64	26.58	26.48	26.12
30.0	26.48	26.53	26.00	25.61	25.75	25.79	25.72	25.64	25.55	25.06
33.0	25.53	25.58	24.99	24.57	24.76	24.81	24.73	24.69	24.59	23.91
36.0	24.54	24.57	23.95	23.40	23.71	23.75	23.68	23.59	23.54	22.69
39.0	23.46	23.49	22.85	22.14	22.59	22.61	22.55	22.46	22.43	21.42
42.0	22.31	22.35	21.71	20.89	21.41	21.44	21.37	21.31	21.27	20.08
45.0	21.13	21.16	20.51	19.54	20.18	20.22	20.12	20.04	20.04	18.73
48.0	19.88	19.93	19.28	18.12	18.89	18.90	18.83	18.73	18.77	17.29
51.0	18.59	18.64	17.99	16.70	17.54	17.55	17.47	17.37	17.44	15.83
54.0	17.23	17.29	16.66	15.17	16.17	16.13	16.09	16.03	16.07	14.34
57.0	15.85	15.94	15.28	13.69	14.74	14.71	14.66	14.51	14.67	12.79
60.0	14.43	14.50	13.88	12.12	13.28	13.22	13.19	13.08	13.21	11.21
63.0	12.99	13.05	12.45	10.55	11.81	11.72	11.69	11.58	11.73	9.660
66.0	11.52	11.60	11.01	9.001	10.29	10.22	10.19	10.04	10.23	8.096
69.0	10.02	10.10	9.529	7.413	8.760	8.680	8.674	8.588	8.709	6.558
72.0	8.550	8.604	8.057	5.865	7.243	7.162	7.161	6.991	7.181	5.066
75.0	7.052	7.117	6.589	4.363	5.750	5.710	5.705	5.579	5.685	3.618
78.0	5.599	5.645	5.126	2.911	4.307	4.293	4.318	4.200	4.237	2.266
81.0	4.211	4.227	3.748	1.645	2.984	3.052	3.092	2.943	2.900	1.099
84.0	2.950	2.931	2.457	0.6556	1.843	2.032	2.067	1.928	1.720	0.2535
87.0	1.968	1.887	1.415	0.3074	1.053	1.270	1.270	1.153	0.8826	0.1309
90.0	1.274	1.169	0.7906	0.2804	0.6243	0.7681	0.7073	0.6546	0.4164	0.1275
93.0	0.7953	0.7127	0.5232	0.2815	0.5328	0.5277	0.3967	0.4125	0.3839	0.1241
96.0	0.5085	0.4620	0.4805	0.2965	0.5278	0.5177	0.3525	0.3720	0.3514	0.1206
99.0	0.3722	0.4172	0.4621	0.3067	0.5152	0.5177	0.3390	0.3663	0.3189	0.1456
102.0	0.3619	0.4323	0.4437	0.3470	0.5027	0.5257	0.3256	0.3646	0.2864	0.1607
105.0	0.3619	0.4423	0.4143	0.3594	0.4545	0.5347	0.3166	0.3628	0.2866	0.1815
108.0	0.3619	0.4538	0.4202	0.3685	0.4505	0.5274	0.3076	0.3610	0.3167	0.1902
111.0	0.3624	0.4581	0.4423	0.3711	0.4630	0.5076	0.3149	0.3592	0.3468	0.1963
114.0	0.3641	0.3676	0.4673	0.3770	0.4665	0.4394	0.3222	0.3521	0.3519	0.2022
117.0	0.3658	0.2297	0.4498	0.2356	0.4701	0.2746	0.3295	0.3344	0.3619	0.2088
120.0	0.1463	0.0919	0.4322	0.0942	0.4875	0.1098	0.3368	0.3166	0.3618	0.2211
G/C	300.0	330.0								
0.0	30.93	30.94								
3.0	30.91	30.94								
6.0	30.79	30.87								
9.0	30.55	30.66								
12.0	30.15	30.34								
15.0	29.63	29.89								
18.0	29.01	29.34								
21.0	28.28	28.61								
24.0	27.46	27.92								
27.0	26.54	27.16								
30.0	25.55	26.38								
33.0	24.52	25.43								
36.0	23.48	24.45								
39.0	22.45	23.37								
42.0	21.42	22.23								
45.0	20.31	21.06								
48.0	19.10	19.81								
51.0	17.83	18.51								
54.0	16.52	17.20								
57.0	15.17	15.81								
60.0	13.79	14.41								
63.0	12.35	12.97								
66.0	10.94	11.51								
69.0	9.463	10.02								
72.0	7.985	8.534								
75.0	6.524	7.026								
78.0	5.071	5.538								
81.0	3.674	4.160								
84.0	2.368	2.829								
87.0	1.294	1.792								
90.0	0.6168	1.087								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-30

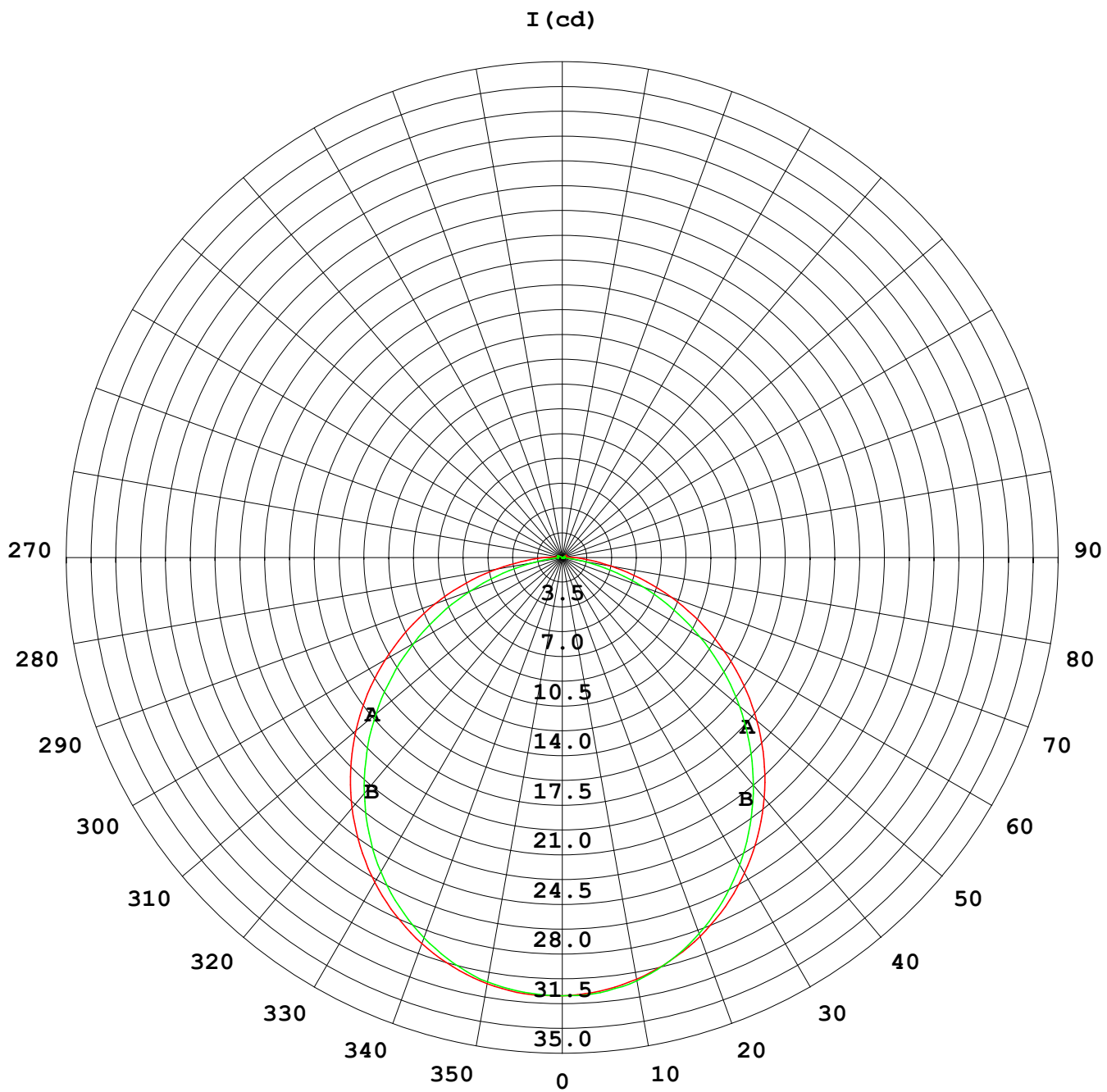
γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

93.0	0.3771	0.6394
96.0	0.3339	0.3976
99.0	0.2974	0.2768
102.0	0.2741	0.2763
105.0	0.2766	0.2798
108.0	0.2936	0.2860
111.0	0.2966	0.2948
114.0	0.2996	0.3035
117.0	0.2955	0.1734
120.0	0.2915	0.0434

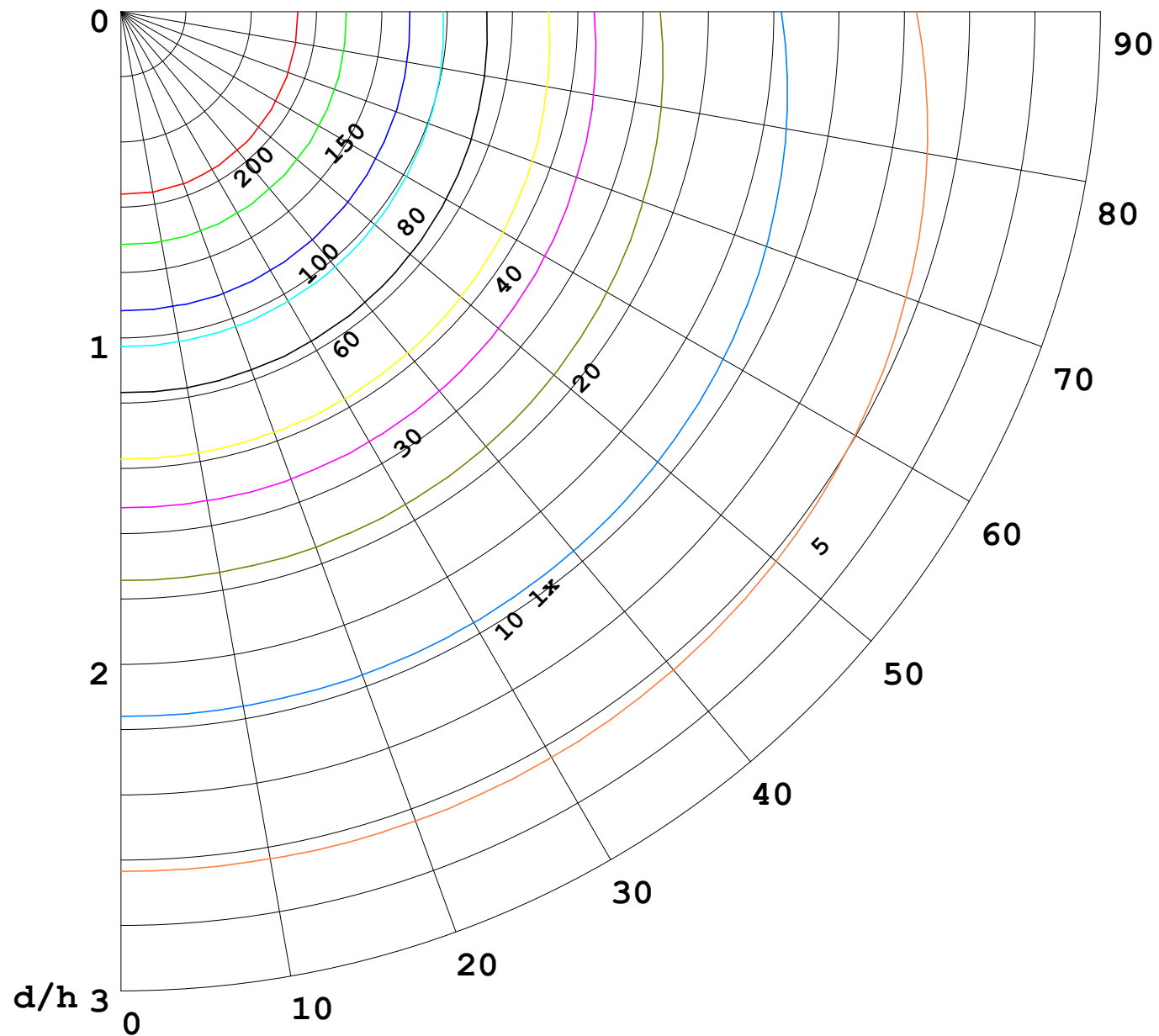
C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature: 25.3DEG
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γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
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

