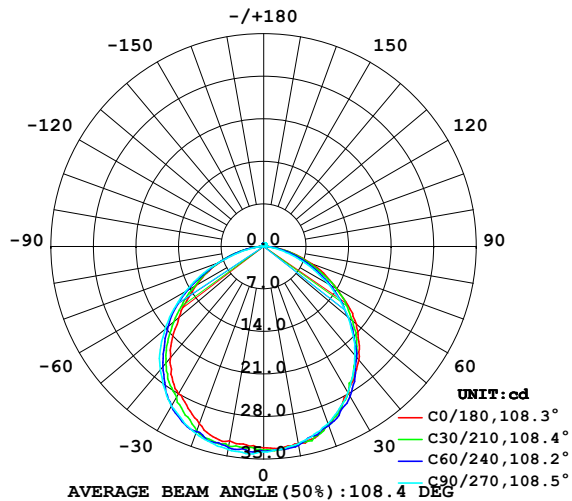


LUMINAIRE PHOTOMETRIC TEST REPORT

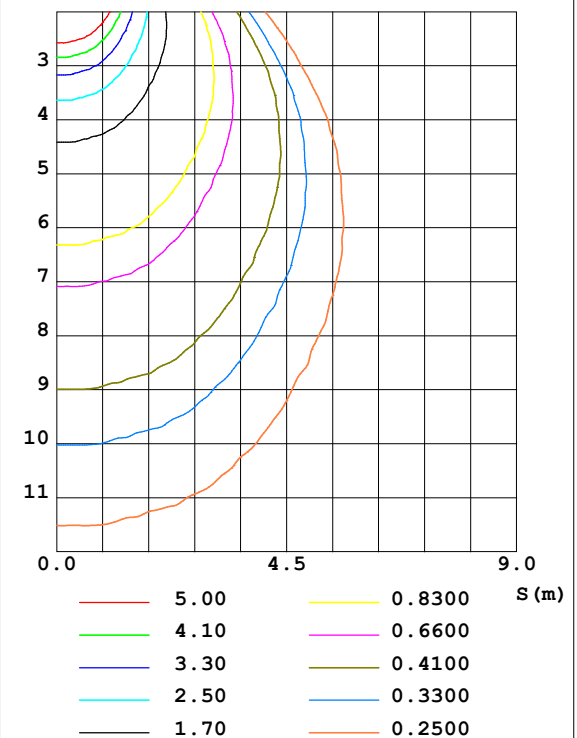
Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 24.15 lm/W			
MODEL	5050	I _{max} (cd)	34.31	S/MH (C0/180)	1.24
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	95.008	η UP, DN (C0-180)	1.4, 47.1
NOMINAL FLUX (lm)	95.008	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.0, 50.5
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.5	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: WFW
Test Date: 2022-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	32.97	33.13	33.01	33.11	32.49	33.48	33.89	34.09	0- 10	3.197	3.197	3.36,3.36
20	31.18	31.33	30.99	31.45	31.06	32.31	32.73	32.86	10- 20	9.251	12.45	13.1,13.1
30	27.93	28.13	27.73	28.22	28.03	29.52	30.34	30.05	20- 30	14.03	26.48	27.9,27.9
40	24.35	23.80	23.35	23.80	23.89	25.47	26.50	26.03	30- 40	16.80	43.27	45.5,45.5
50	19.96	18.63	18.21	18.25	18.21	19.96	21.16	21.06	40- 50	17.08	60.36	63.5,63.5
60	13.87	13.18	12.22	12.42	12.85	13.82	14.83	15.21	50- 60	14.80	75.15	79.1,79.1
70	8.407	7.615	6.319	7.071	7.763	7.984	7.846	8.992	60- 70	10.54	85.69	90.2,90.2
80	3.288	2.892	2.062	2.822	2.905	3.047	2.372	3.459	70- 80	5.514	91.21	96,96
90	0.3958	0.3327	0.3325	0.3502	0.2072	0.2048	0.2154	0.2117	80- 90	1.457	92.66	97.5,97.5
100	0.3047	0.3359	0.3879	0.3394	0.1732	0.1697	0.2627	0.1767	90-100	0.2757	92.94	97.8,97.8
110	0.3047	0.3879	0.4710	0.4017	0.2355	0.2148	0.2771	0.2147	100-110	0.3075	93.25	98.1,98.1
120	0.3739	0.4294	0.5194	0.4398	0.2978	0.2666	0.2770	0.2667	110-120	0.3281	93.58	98.5,98.5
130	0.3948	0.4606	0.5266	0.4814	0.3465	0.3358	0.2909	0.3291	120-130	0.3417	93.92	98.9,98.9
140	0.4294	0.5160	0.5541	0.5160	0.4363	0.4225	0.3947	0.3912	130-140	0.3301	94.25	99.2,99.2
150	0.5194	0.5333	0.5818	0.5472	0.4918	0.4674	0.4294	0.4640	140-150	0.2995	94.55	99.5,99.5
160	0.5264	0.5575	0.6095	0.5887	0.5402	0.5368	0.5056	0.5264	150-160	0.2440	94.79	99.8,99.8
170	0.5402	0.5887	0.6303	0.6268	0.5818	0.5714	0.5333	0.5679	160-170	0.1599	94.95	99.9,99.9
180	0.6025	0.6164	0.6233	0.6337	0.5748	0.6095	0.6303	0.6303	170-180	0.0568	95.01	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	159	104
80	189	119
75	219	149
70	246	185
65	266	217
60	277	244
55	296	266
50	311	283
45	313	295

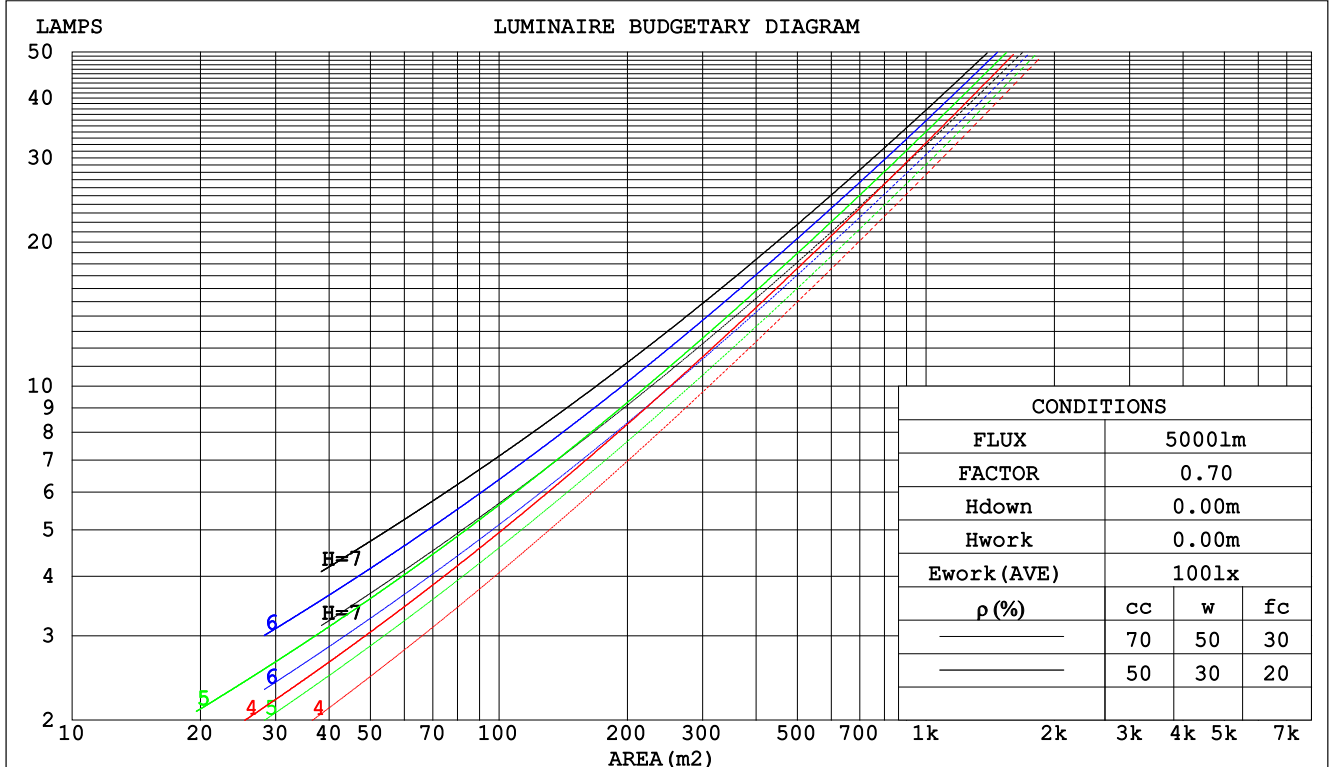
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.04	.00	.96	1.01	.98	.94	.97	.94	.91	.92	.90	.88	.88	.86	.85	.82
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.69	.63	.72	.67	.62	.69	.65	.61	.58
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.64	.55	.48	.62	.54	.48	.60	.53	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.50	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.38	.31	.27	.37	.31	.26	.36	.30	.26	.25



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION 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	.297	.169	.054	.289	.165	.052	.275	.158	.050	.261	.151	.048	.249	.144	.047		
2.0	.282	.154	.047	.275	.151	.047	.262	.146	.045	.250	.140	.044	.239	.135	.043		
3.0	.262	.139	.042	.256	.137	.041	.244	.132	.040	.234	.128	.039	.224	.124	.038		
4.0	.243	.126	.037	.237	.124	.037	.227	.120	.036	.218	.117	.035	.209	.113	.035		
5.0	.225	.115	.033	.220	.113	.033	.211	.110	.032	.203	.107	.032	.195	.104	.031		
6.0	.209	.105	.030	.205	.104	.030	.197	.101	.029	.189	.098	.029	.182	.096	.028		
7.0	.195	.096	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.171	.089	.026		
8.0	.183	.089	.025	.179	.088	.025	.172	.086	.025	.166	.084	.024	.160	.082	.024		
9.0	.171	.083	.023	.168	.082	.023	.162	.080	.023	.157	.078	.022	.151	.077	.022		
10.0	.161	.077	.021	.158	.077	.021	.153	.075	.021	.148	.073	.021	.143	.072	.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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.198	.175	.154	.170	.150	.133	.116	.103	.092	.067	.060	.053	.021	.019	.017	
2.0	.190	.151	.118	.163	.130	.102	.111	.090	.071	.064	.052	.042	.021	.017	.014	
3.0	.182	.133	.095	.156	.115	.082	.107	.080	.058	.062	.047	.034	.020	.015	.011	
4.0	.175	.120	.079	.150	.104	.068	.103	.072	.048	.060	.042	.028	.019	.014	.009	
5.0	.167	.110	.067	.144	.095	.059	.099	.066	.041	.057	.039	.025	.018	.013	.008	
6.0	.160	.101	.059	.138	.088	.052	.095	.061	.036	.055	.036	.022	.018	.012	.007	
7.0	.153	.094	.053	.132	.082	.046	.091	.057	.033	.053	.034	.020	.017	.011	.006	
8.0	.147	.089	.049	.127	.077	.042	.088	.054	.030	.051	.032	.018	.016	.010	.006	
9.0	.141	.084	.045	.122	.073	.039	.084	.051	.028	.049	.030	.017	.016	.010	.006	
10.0	.136	.080	.042	.117	.069	.037	.081	.049	.026	.047	.029	.016	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm											
NAME: SP01-24V-5050-60-RGBW-5000K-80-R						TYPE:硅胶		WEIGHT:			
DIM.: 15mm*7mm						SPEC.:		SERIAL No.:20221223			
MFR.: OLYMPIA						SUR.:1*0.0015		PROTECTION 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	8.4	9.8	8.7	10.1	10.3	7.8	9.3	8.1	9.5	9.8	
	3H	9.8	11.1	10.1	11.4	11.7	8.9	10.3	9.3	10.5	10.8
	4H	10.3	11.5	10.6	11.8	12.1	9.3	10.6	9.6	10.8	11.2
	6H	10.6	11.8	11.0	12.1	12.5	9.5	10.7	9.8	11.0	11.3
	8H	10.7	11.9	11.1	12.2	12.6	9.5	10.7	9.9	11.0	11.3
	12H	10.8	11.9	11.2	12.2	12.6	9.5	10.6	9.9	11.0	11.3
4H	2H	8.8	10.1	9.2	10.4	10.7	8.4	9.7	8.8	10.0	10.3
	3H	10.4	11.5	10.8	11.9	12.2	9.7	10.8	10.1	11.2	11.5
	4H	11.0	12.1	11.5	12.4	12.8	10.2	11.2	10.6	11.5	11.9
	6H	11.5	12.4	12.0	12.8	13.2	10.5	11.4	10.9	11.8	12.2
	8H	11.7	12.5	12.1	12.9	13.3	10.5	11.4	11.0	11.8	12.2
	12H	11.8	12.5	12.2	13.0	13.4	10.6	11.3	11.0	11.8	12.2
8H	4H	11.2	12.0	11.7	12.5	12.9	10.4	11.3	10.9	11.7	12.1
	6H	11.8	12.5	12.3	13.0	13.4	10.8	11.5	11.3	12.0	12.5
	8H	12.0	12.6	12.5	13.1	13.6	11.0	11.6	11.5	12.1	12.6
	12H	12.2	12.7	12.7	13.2	13.7	11.1	11.6	11.6	12.1	12.6
12H	4H	11.2	12.0	11.7	12.4	12.8	10.4	11.2	10.9	11.6	12.1
	6H	11.8	12.4	12.3	12.9	13.4	10.9	11.5	11.4	12.0	12.5
	8H	12.1	12.6	12.6	13.1	13.6	11.1	11.6	11.6	12.1	12.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 95.01 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

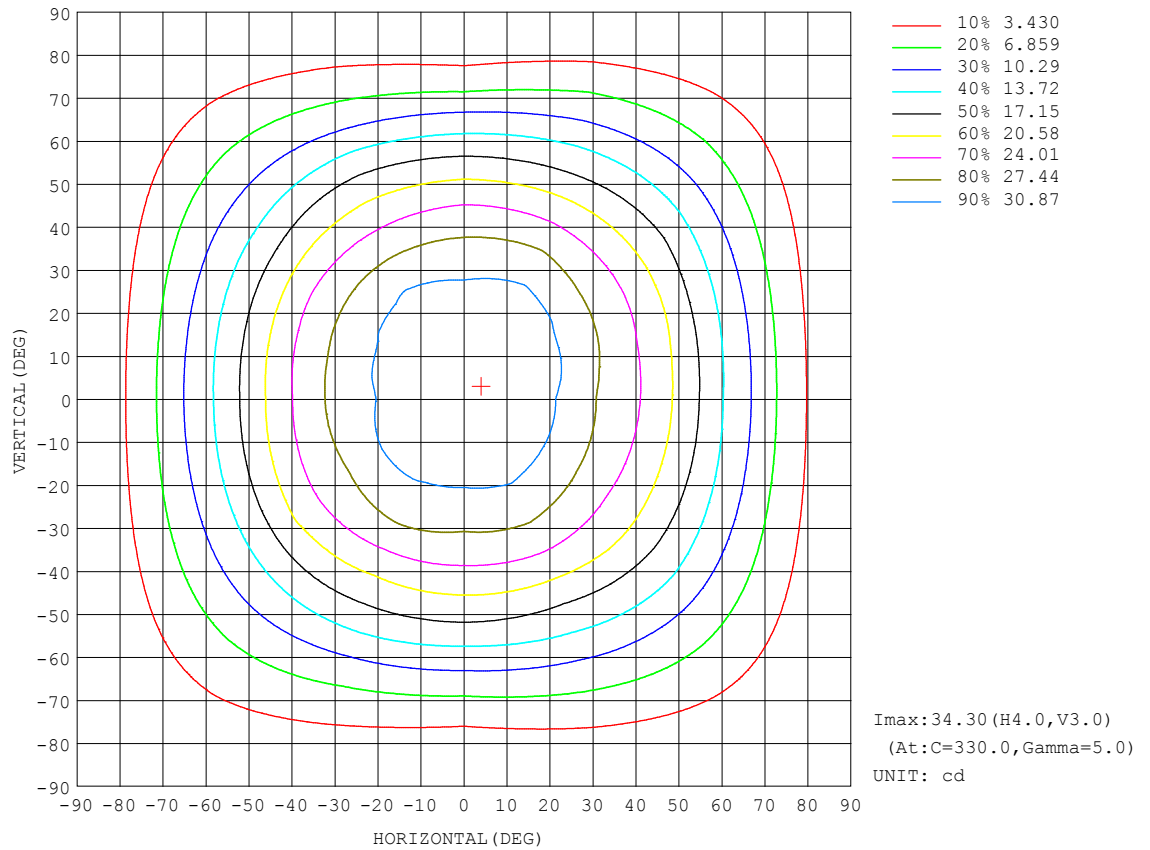
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	76	66	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	57
1.50	88	79	72	87	78	71	83	76	70	62
2.00	95	87	81	93	85	80	89	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	96	90	100	94	89	95	91	86	77
4.00	106	101	96	104	99	94	99	95	91	82
5.00	108	104	100	106	102	98	101	98	95	85
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:WFW
Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

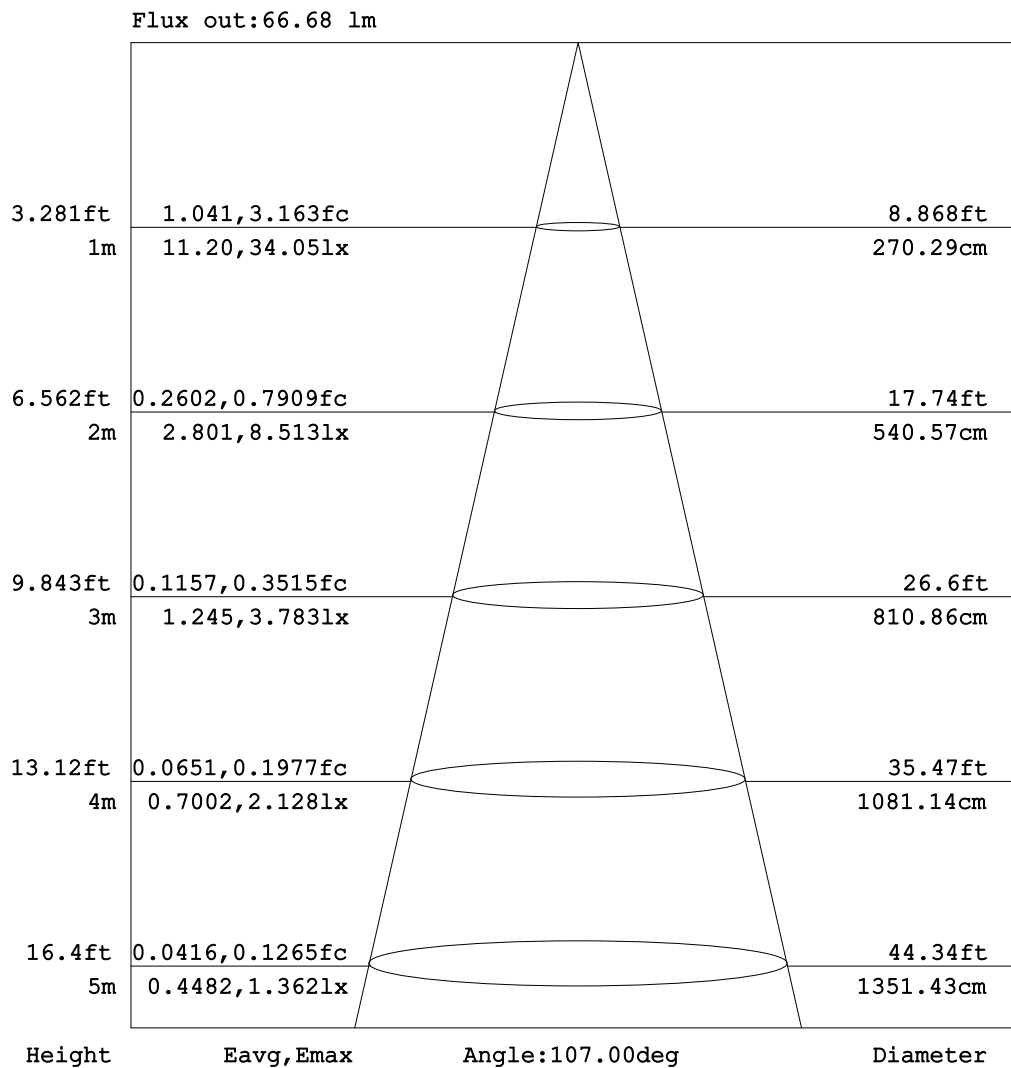


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



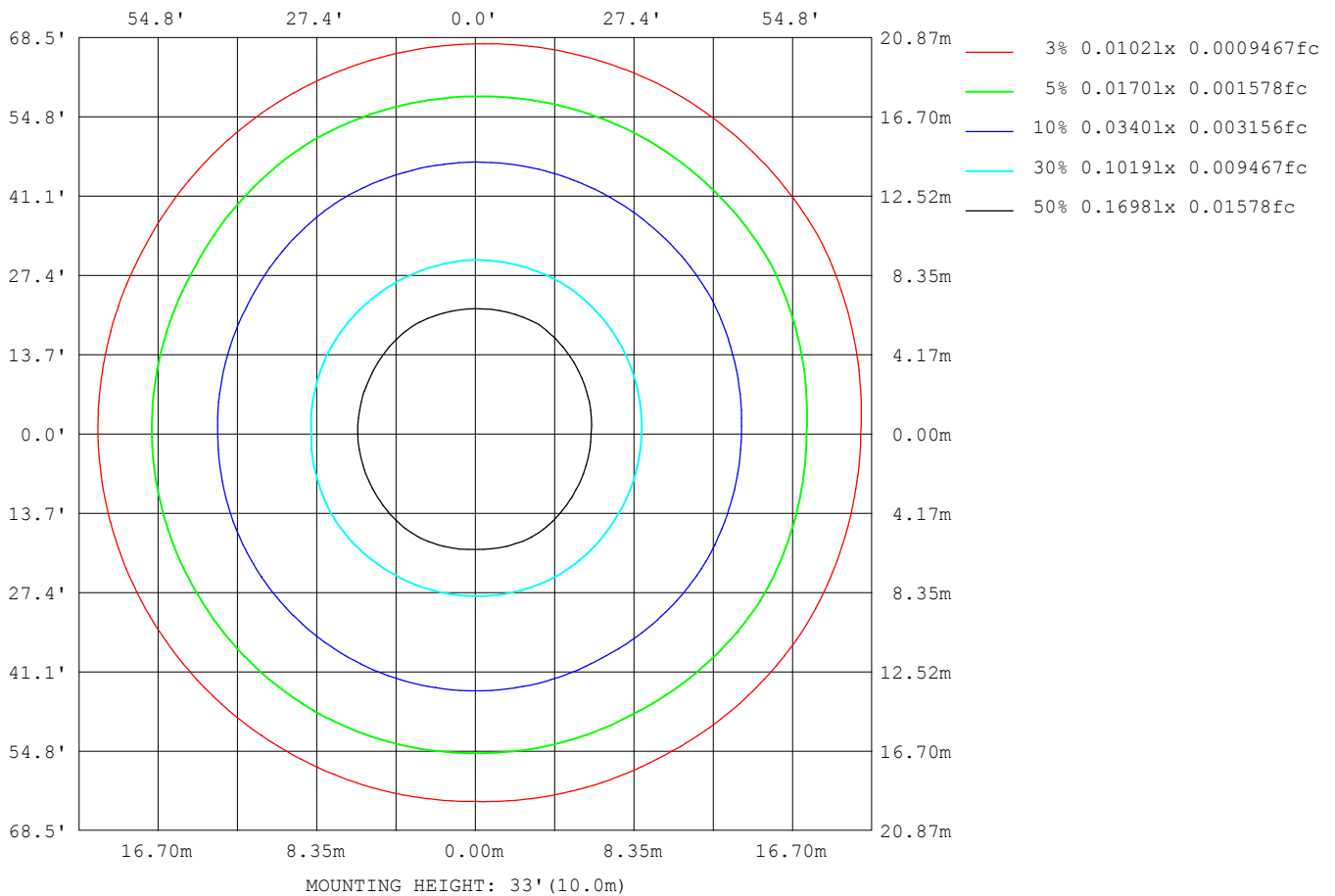
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

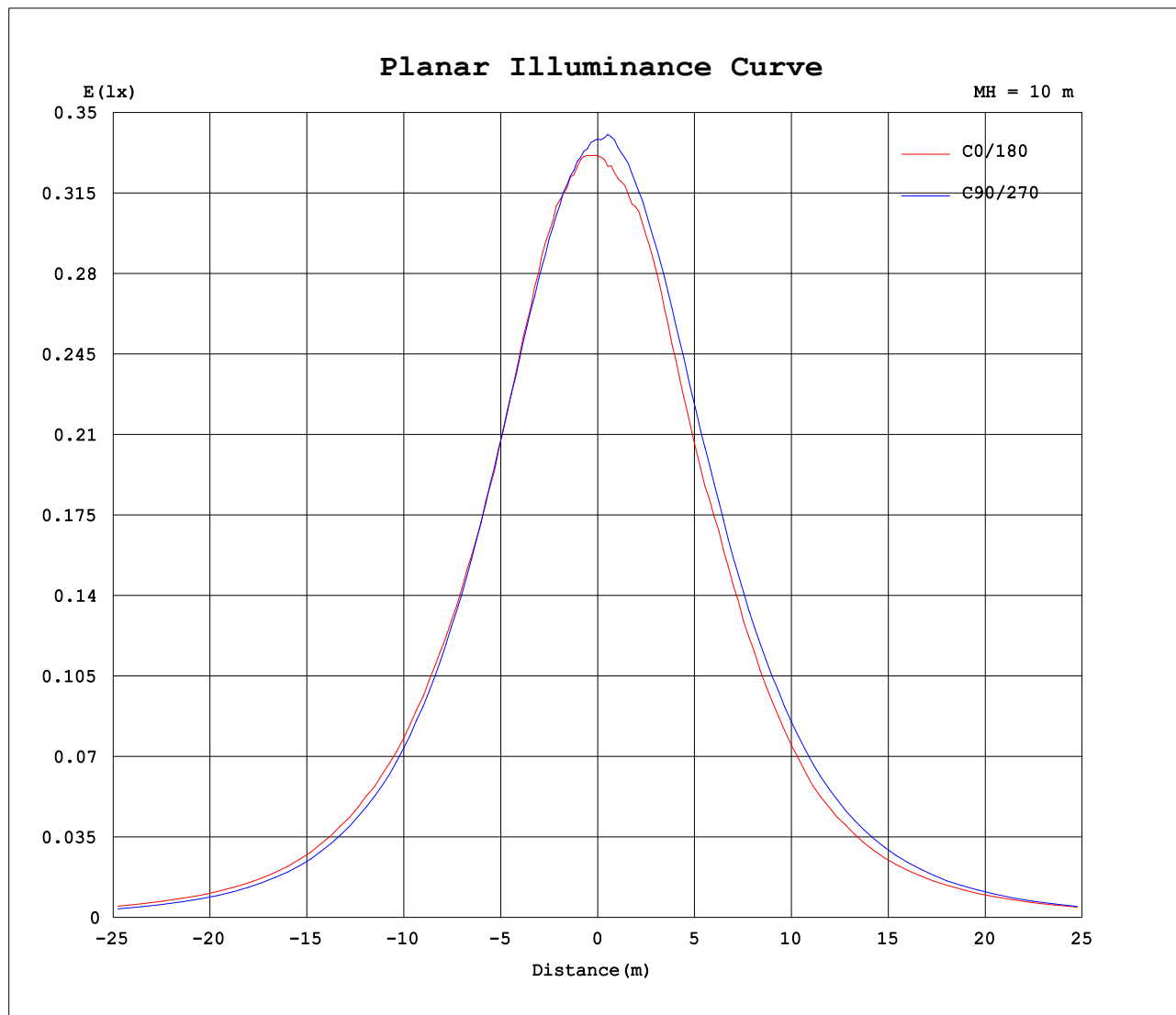
Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1639A P:3.934W PF:1.000 Lamp Flux:95.008x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	33.1	33.5	33.7	33.8	33.9	33.9	33.1	33.5	33.7	33.8	33.9	33.9						
5	33.3	33.5	33.5	33.4	33.4	33.5	32.8	33.4	33.6	34.2	34.2	34.3						
10	33.0	33.0	33.2	33.0	33.0	33.2	32.5	33.4	33.6	33.9	34.3	33.9						
15	32.6	32.5	32.3	32.0	32.1	32.9	32.4	33.1	33.3	33.4	33.7	33.7						
20	31.2	31.3	31.4	31.0	31.1	31.8	31.1	32.2	32.4	32.7	33.0	32.8						
25	29.6	29.8	29.9	29.5	30.1	30.1	29.4	30.6	31.8	31.6	32.2	30.9						
30	27.9	27.8	28.5	27.7	28.4	28.1	28.0	28.7	30.4	30.3	30.8	29.3						
35	26.1	25.7	26.2	25.6	26.2	26.4	26.3	27.2	28.2	28.5	29.1	27.4						
40	24.3	23.8	23.8	23.3	23.5	24.1	23.9	25.1	25.8	26.5	26.7	25.4						
45	22.1	21.7	21.0	20.9	20.6	21.5	21.2	22.4	23.1	24.1	24.1	23.2						
50	20.0	19.1	18.2	18.2	17.9	18.6	18.2	19.3	20.6	21.2	21.1	21.0						
55	17.0	16.5	15.5	15.2	15.3	15.4	15.4	16.2	17.8	18.1	18.2	18.2						
60	13.9	13.8	12.6	12.2	12.4	12.4	12.8	13.2	14.5	14.8	15.1	15.3						
65	11.3	10.6	9.79	9.17	9.27	9.94	10.4	10.5	11.0	11.5	12.1	12.2						
70	8.41	7.99	7.24	6.32	6.68	7.46	7.76	7.96	8.01	7.85	9.02	8.97						
75	5.66	5.39	4.79	3.87	4.42	5.17	5.04	5.47	5.22	4.76	6.14	6.18						
80	3.29	3.10	2.68	2.06	2.61	3.04	2.90	3.12	2.97	2.37	3.41	3.51						
85	1.38	1.24	1.10	0.91	1.21	1.36	1.22	1.33	1.21	0.94	1.28	1.37						
90	0.40	0.32	0.35	0.33	0.37	0.33	0.21	0.26	0.15	0.22	0.17	0.26						
95	0.31	0.32	0.33	0.37	0.32	0.33	0.15	0.15	0.17	0.21	0.17	0.15						
100	0.30	0.35	0.33	0.39	0.32	0.36	0.17	0.14	0.20	0.26	0.20	0.15						
105	0.30	0.37	0.33	0.44	0.33	0.37	0.21	0.17	0.24	0.35	0.23	0.17						
110	0.30	0.39	0.39	0.47	0.39	0.42	0.24	0.17	0.26	0.28	0.25	0.18						
115	0.31	0.42	0.39	0.48	0.40	0.44	0.27	0.19	0.29	0.28	0.29	0.19						
120	0.37	0.45	0.41	0.52	0.42	0.46	0.30	0.22	0.31	0.28	0.31	0.22						
125	0.39	0.46	0.43	0.52	0.46	0.48	0.32	0.28	0.35	0.29	0.34	0.29						
130	0.39	0.49	0.43	0.53	0.46	0.51	0.35	0.29	0.38	0.29	0.37	0.29						
135	0.41	0.50	0.48	0.55	0.48	0.53	0.40	0.32	0.40	0.33	0.41	0.32						
140	0.43	0.52	0.51	0.55	0.48	0.55	0.44	0.40	0.44	0.39	0.40	0.38						
145	0.46	0.55	0.51	0.56	0.50	0.56	0.46	0.40	0.47	0.40	0.41	0.39						
150	0.52	0.55	0.51	0.58	0.52	0.57	0.49	0.43	0.51	0.43	0.50	0.43						
155	0.52	0.55	0.51	0.60	0.53	0.60	0.53	0.48	0.53	0.48	0.53	0.47						
160	0.53	0.59	0.53	0.61	0.55	0.63	0.54	0.51	0.56	0.51	0.56	0.49						
165	0.53	0.60	0.54	0.62	0.56	0.64	0.57	0.53	0.58	0.52	0.58	0.51						
170	0.54	0.61	0.57	0.63	0.62	0.64	0.58	0.53	0.61	0.53	0.60	0.53						
175	0.56	0.61	0.60	0.63	0.62	0.64	0.58	0.55	0.64	0.57	0.63	0.60						
180	0.60	0.62	0.62	0.62	0.63	0.64	0.57	0.60	0.62	0.63	0.64	0.62						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [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	33.13	33.48	33.70	33.84	33.91	33.95	33.13	33.48	33.70	33.84
3.0	33.28	33.63	33.57	33.57	33.68	33.60	32.80	33.17	33.89	34.19
6.0	33.18	33.44	33.56	33.42	33.19	33.48	32.66	33.25	33.49	34.04
9.0	32.91	33.32	33.40	33.06	33.00	33.29	32.63	33.35	33.69	34.02
12.0	33.07	32.90	32.70	32.63	32.47	32.97	32.79	33.20	33.31	33.72
15.0	32.62	32.45	32.25	32.04	32.12	32.92	32.42	33.05	33.25	33.43
18.0	31.86	31.91	31.59	31.37	31.52	32.21	31.78	32.77	32.61	33.09
21.0	31.00	31.15	31.13	30.74	30.93	31.40	30.60	31.85	32.43	32.56
24.0	29.89	30.13	30.43	29.89	30.24	30.27	29.67	30.75	31.98	31.93
27.0	28.76	28.77	29.38	28.88	29.45	29.27	28.66	29.81	31.20	31.05
30.0	27.93	27.78	28.48	27.73	28.38	28.06	28.03	28.66	30.39	30.34
33.0	26.72	26.48	27.12	26.47	27.10	26.91	27.08	27.78	29.18	29.31
36.0	25.62	25.21	25.73	25.21	25.58	25.98	25.97	26.92	27.70	28.12
39.0	24.71	24.14	24.20	23.83	23.98	24.66	24.55	25.51	26.34	26.85
42.0	23.43	22.94	22.74	22.41	22.29	23.25	22.97	24.09	24.73	25.61
45.0	22.12	21.69	21.00	20.88	20.63	21.49	21.23	22.38	23.14	24.11
48.0	20.85	20.09	19.41	19.24	19.02	19.81	19.17	20.53	21.54	22.36
51.0	19.33	18.46	17.52	17.68	17.49	17.98	17.62	18.72	20.03	20.65
54.0	17.59	17.09	16.01	15.86	15.90	15.90	15.97	16.78	18.35	18.79
57.0	15.67	15.59	14.28	13.97	14.22	14.34	14.36	15.10	16.46	16.79
60.0	13.87	13.78	12.58	12.22	12.43	12.40	12.85	13.18	14.47	14.83
63.0	12.22	11.95	10.87	10.33	10.48	10.89	11.33	11.63	12.39	12.86
66.0	10.80	10.16	9.273	8.590	8.705	9.408	9.850	10.01	10.39	10.81
69.0	8.941	8.507	7.700	6.859	7.159	7.981	8.284	8.454	8.513	8.580
72.0	7.238	6.907	6.191	5.245	5.720	6.520	6.594	6.938	6.822	6.516
75.0	5.665	5.392	4.791	3.868	4.417	5.170	5.037	5.468	5.224	4.756
78.0	4.237	3.986	3.482	2.664	3.287	3.847	3.708	3.986	3.860	3.190
81.0	2.837	2.656	2.317	1.785	2.303	2.643	2.531	2.697	2.565	2.025
84.0	1.708	1.562	1.368	1.106	1.458	1.659	1.527	1.638	1.527	1.145
87.0	0.8409	0.7189	0.6535	0.5807	0.7850	0.8434	0.7180	0.7711	0.6971	0.6110
90.0	0.3958	0.3186	0.3468	0.3325	0.3681	0.3323	0.2072	0.2572	0.1524	0.2154
93.0	0.3187	0.3186	0.3255	0.3533	0.3186	0.3117	0.1385	0.1594	0.1664	0.2078
96.0	0.3048	0.3324	0.3255	0.3740	0.3186	0.3393	0.1525	0.1454	0.1802	0.2009
99.0	0.3047	0.3394	0.3255	0.3810	0.3186	0.3464	0.1731	0.1454	0.1940	0.2077
102.0	0.3047	0.3533	0.3255	0.4018	0.3186	0.3602	0.1871	0.1454	0.2011	0.2909
105.0	0.3047	0.3671	0.3255	0.4363	0.3324	0.3741	0.2079	0.1662	0.2423	0.3538
108.0	0.3047	0.3879	0.3599	0.4572	0.3877	0.4018	0.2217	0.1731	0.2493	0.2911
111.0	0.3047	0.4018	0.3947	0.4710	0.3947	0.4224	0.2355	0.1731	0.2701	0.2770
114.0	0.3047	0.4155	0.3948	0.4779	0.3948	0.4363	0.2496	0.1938	0.2772	0.2770
117.0	0.3529	0.4226	0.4085	0.5056	0.4017	0.4433	0.2771	0.2008	0.3047	0.2770
120.0	0.3739	0.4502	0.4086	0.5194	0.4223	0.4572	0.2978	0.2216	0.3117	0.2770
123.0	0.3948	0.4640	0.4086	0.5194	0.4571	0.4711	0.3186	0.2631	0.3394	0.2909
126.0	0.3948	0.4641	0.4225	0.5332	0.4571	0.4849	0.3187	0.2770	0.3601	0.2909
129.0	0.3948	0.4849	0.4362	0.5264	0.4571	0.5056	0.3531	0.2770	0.3741	0.2909
132.0	0.3948	0.4987	0.4362	0.5403	0.4709	0.5126	0.3741	0.3046	0.3948	0.3116
135.0	0.4086	0.4987	0.4847	0.5471	0.4779	0.5264	0.4018	0.3185	0.4019	0.3255
138.0	0.4225	0.5126	0.5124	0.5541	0.4848	0.5334	0.4157	0.3599	0.4226	0.3806
141.0	0.4294	0.5195	0.5125	0.5610	0.4848	0.5471	0.4363	0.4017	0.4503	0.3879
144.0	0.4501	0.5334	0.5125	0.5610	0.4987	0.5541	0.4640	0.4017	0.4641	0.3878
147.0	0.4847	0.5472	0.5125	0.5818	0.5193	0.5748	0.4711	0.4086	0.4850	0.4086
150.0	0.5194	0.5541	0.5125	0.5818	0.5194	0.5749	0.4918	0.4293	0.5056	0.4294
153.0	0.5194	0.5541	0.5125	0.5888	0.5194	0.5957	0.5058	0.4431	0.5264	0.4500
156.0	0.5194	0.5681	0.5125	0.6025	0.5332	0.6025	0.5334	0.4985	0.5471	0.4985
159.0	0.5263	0.5956	0.5194	0.6095	0.5470	0.6165	0.5402	0.5125	0.5610	0.5056
162.0	0.5264	0.5956	0.5332	0.6165	0.5471	0.6303	0.5471	0.5125	0.5818	0.5056
165.0	0.5264	0.5956	0.5402	0.6234	0.5609	0.6372	0.5681	0.5333	0.5818	0.5193
168.0	0.5401	0.6163	0.5677	0.6303	0.6092	0.6372	0.5818	0.5333	0.6026	0.5263
171.0	0.5471	0.6095	0.5748	0.6372	0.6233	0.6372	0.5818	0.5333	0.6095	0.5402
174.0	0.5540	0.6095	0.5956	0.6303	0.6233	0.6372	0.5818	0.5471	0.6098	0.5609
177.0	0.6025	0.6095	0.6025	0.6233	0.6233	0.6372	0.5818	0.5955	0.6303	0.5956
180.0	0.6025	0.6164	0.6164	0.6233	0.6303	0.6372	0.5748	0.5956	0.6233	0.6303
G/C	300.0	330.0								
0.0	33.91	33.95								
3.0	34.10	34.07								
6.0	34.29	34.19								
9.0	34.27	34.12								
12.0	33.85	33.84								
15.0	33.70	33.65								
18.0	33.20	33.23								
21.0	32.90	32.48								
24.0	32.51	31.43								
27.0	31.78	30.42								
30.0	30.82	29.28								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2022-12-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

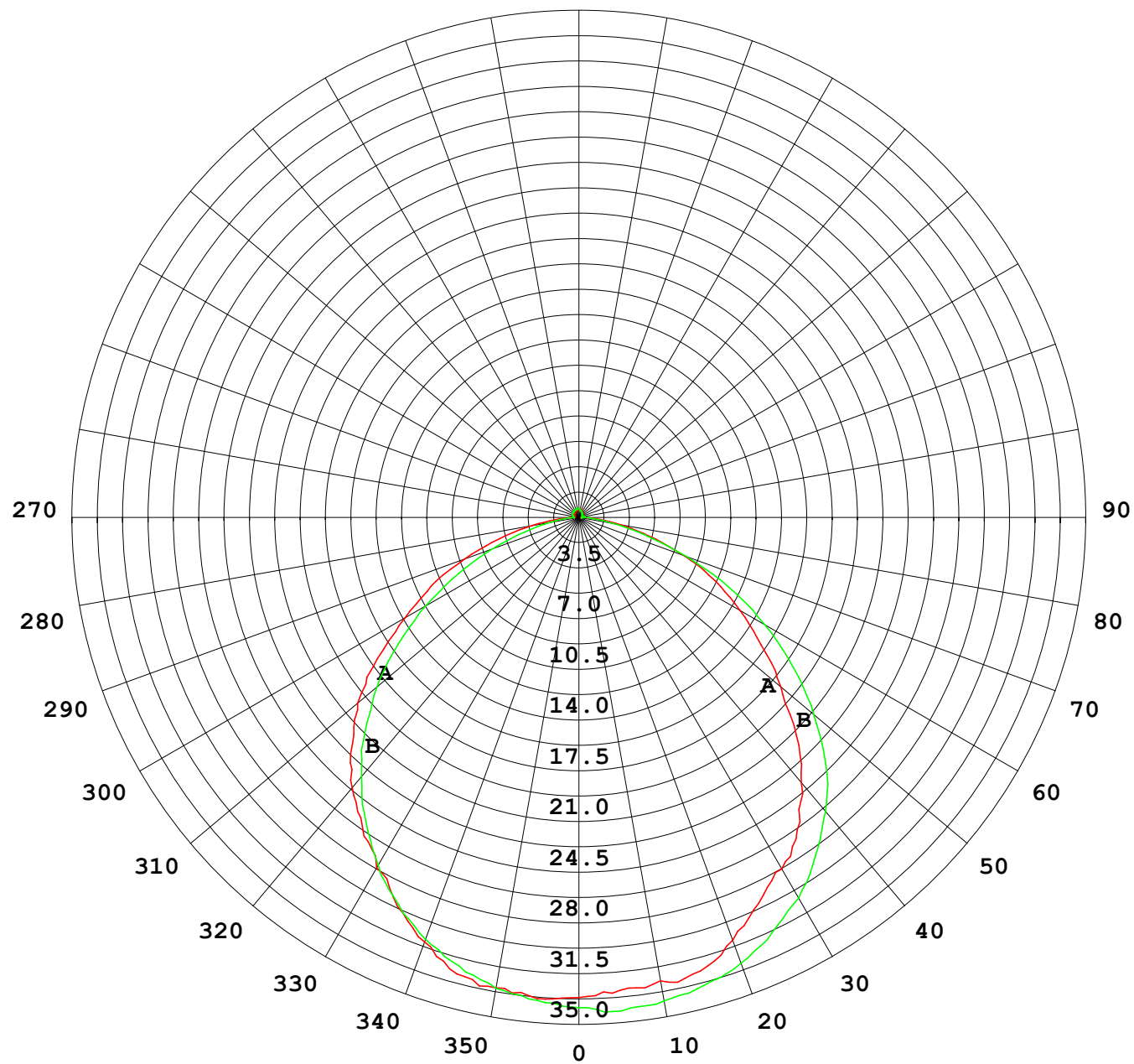
Photometric Data Table [cd]

33.0	29.58	28.04
36.0	28.56	26.81
39.0	27.21	25.84
42.0	25.70	24.58
45.0	24.05	23.23
48.0	22.36	21.72
51.0	20.60	20.30
54.0	18.80	18.62
57.0	16.84	17.10
60.0	15.15	15.27
63.0	13.43	13.28
66.0	11.45	11.50
69.0	9.586	9.556
72.0	7.813	7.735
75.0	6.137	6.176
78.0	4.434	4.513
81.0	2.924	3.030
84.0	1.644	1.742
87.0	0.6624	0.7575
90.0	0.1662	0.2571
93.0	0.1663	0.1662
96.0	0.1801	0.1524
99.0	0.1940	0.1524
102.0	0.2147	0.1524
105.0	0.2287	0.1661
108.0	0.2425	0.1800
111.0	0.2563	0.1801
114.0	0.2772	0.1801
117.0	0.2910	0.2008
120.0	0.3118	0.2215
123.0	0.3256	0.2630
126.0	0.3464	0.2909
129.0	0.3602	0.2909
132.0	0.3810	0.2909
135.0	0.4085	0.3185
138.0	0.4017	0.3394
141.0	0.4017	0.3809
144.0	0.4018	0.3878
147.0	0.4848	0.4017
150.0	0.4987	0.4293
153.0	0.5196	0.4571
156.0	0.5402	0.4778
159.0	0.5541	0.4917
162.0	0.5679	0.4917
165.0	0.5819	0.5056
168.0	0.6025	0.5264
171.0	0.6025	0.5402
174.0	0.6303	0.5540
177.0	0.6372	0.5957
180.0	0.6372	0.6233

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

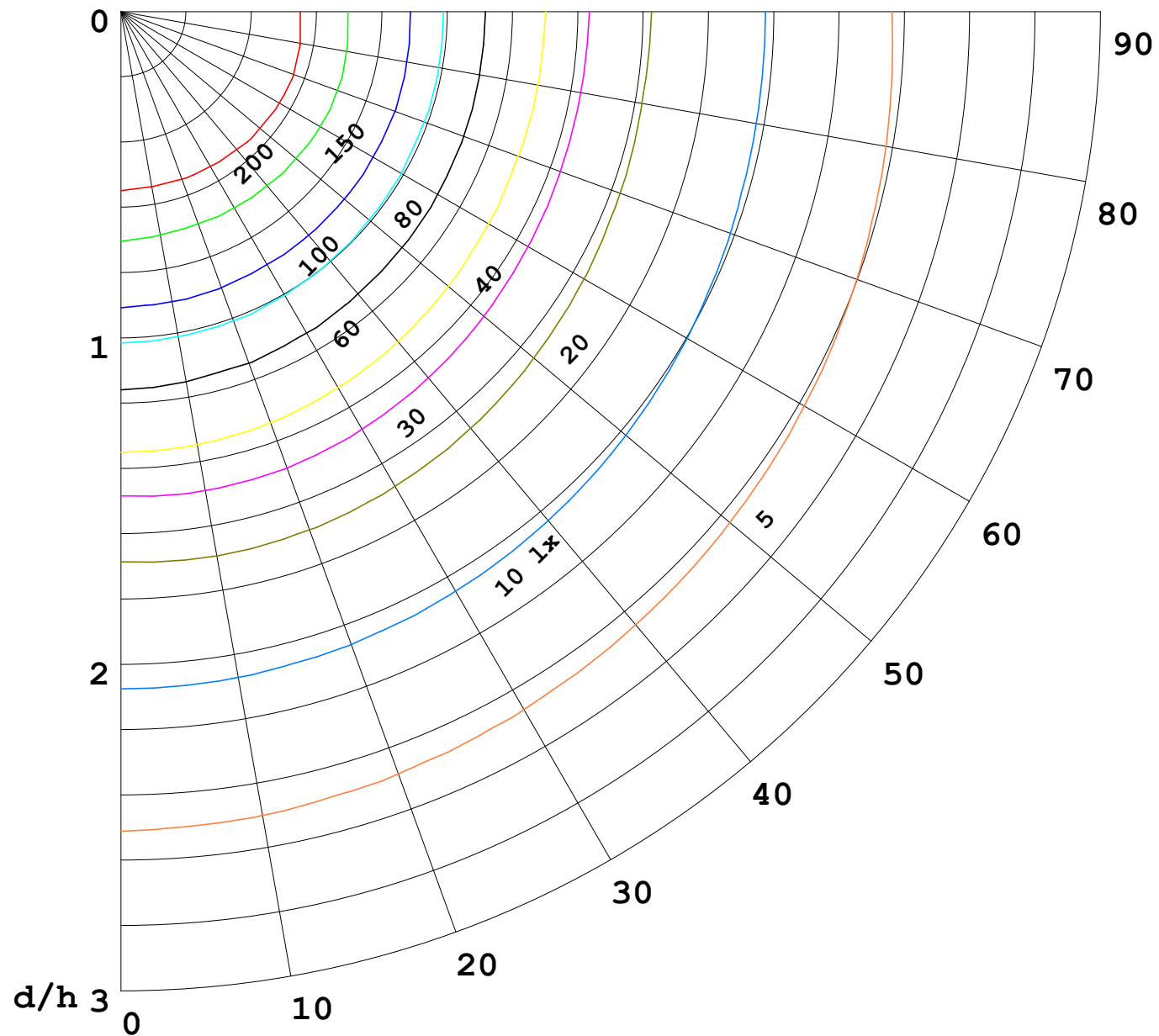
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

