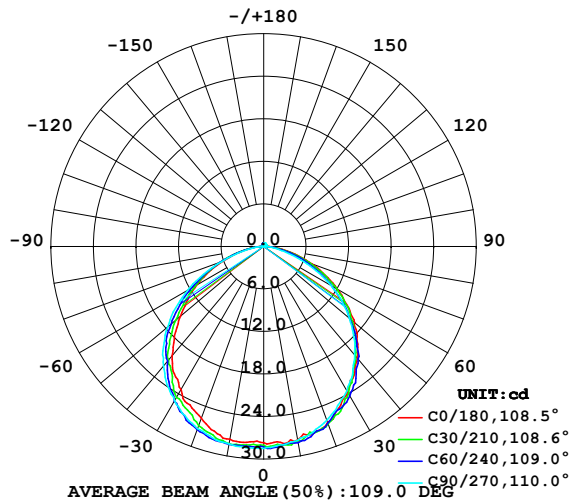


LUMINAIRE PHOTOMETRIC TEST REPORT

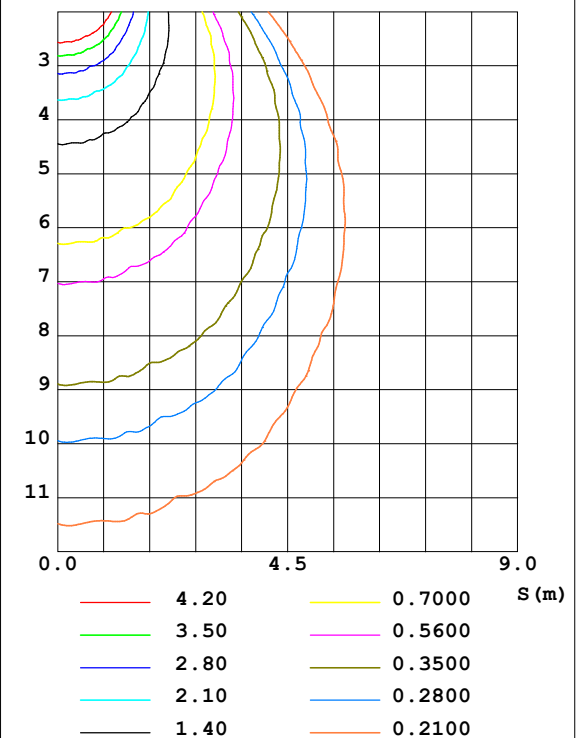
Test:U:24.00V I:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 20.55 lm/W			
MODEL	5050	I _{max} (cd)	29.08	S/MH (C0/180)	1.26
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	80.130	η UP, DN (C0-180)	1.3, 47.8
NOMINAL FLUX (lm)	80.1297	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9, 50.1
LAMPS INSIDE	1	η up (%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



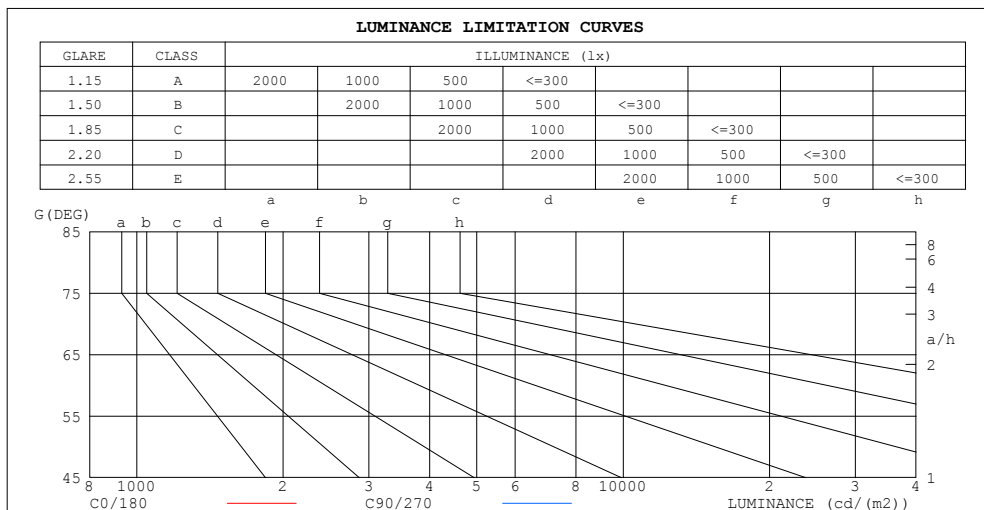
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-15

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	27.67	27.94	27.76	28.29	27.59	28.29	28.27	28.78	0- 10	2.697	2.697	3.37,3.37
20	26.39	26.57	26.11	26.70	25.75	27.18	27.32	27.77	10- 20	7.806	10.50	13.1,13.1
30	23.64	24.13	23.54	24.11	23.32	24.91	25.12	25.56	20- 30	11.85	22.35	27.9,27.9
40	20.55	20.46	19.96	20.18	20.08	21.01	21.99	22.35	30- 40	14.20	36.55	45.6,45.6
50	16.74	16.09	15.80	15.72	15.37	16.66	17.70	17.84	40- 50	14.50	51.05	63.7,63.7
60	11.95	11.48	10.97	10.64	10.95	11.44	12.41	12.84	50- 60	12.58	63.63	79.4,79.4
70	7.236	6.667	5.578	6.005	6.145	6.530	6.384	7.576	60- 70	8.974	72.61	90.6,90.6
80	2.962	2.539	1.750	2.275	2.255	2.375	1.921	2.943	70- 80	4.633	77.24	96.4,96.4
90	0.3680	0.2599	0.2286	0.2428	0.0900	0.1214	0.1390	0.1840	80- 90	1.185	78.43	97.9,97.9
100	0.2216	0.2355	0.2632	0.2494	0.1108	0.1074	0.1453	0.1109	90-100	0.1918	78.62	98.1,98.1
110	0.2216	0.2563	0.3048	0.2770	0.1663	0.1420	0.1522	0.1455	100-110	0.2039	78.82	98.4,98.4
120	0.2700	0.3013	0.3532	0.3254	0.2148	0.2010	0.1731	0.1974	110-120	0.2301	79.05	98.7,98.7
130	0.2840	0.3359	0.3878	0.3532	0.2702	0.2424	0.2077	0.2355	120-130	0.2436	79.30	99,99
140	0.3186	0.3740	0.4225	0.4122	0.3257	0.3082	0.2770	0.2769	130-140	0.2443	79.54	99.3,99.3
150	0.4018	0.4190	0.4571	0.4329	0.3811	0.3532	0.3185	0.3533	140-150	0.2289	79.77	99.5,99.5
160	0.4017	0.4364	0.4849	0.4606	0.4432	0.4294	0.3878	0.4226	150-160	0.1909	79.96	99.8,99.8
170	0.4294	0.4502	0.5125	0.4744	0.4363	0.4468	0.4155	0.4570	160-170	0.1260	80.09	99.9,99.9
180	0.4710	0.4883	0.4502	0.5160	0.4294	0.5021	0.4987	0.5160	170-180	0.0444	80.13	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	146	80
80	171	101
75	191	126
70	212	163
65	224	194
60	239	219
55	249	235
50	260	246
45	263	254

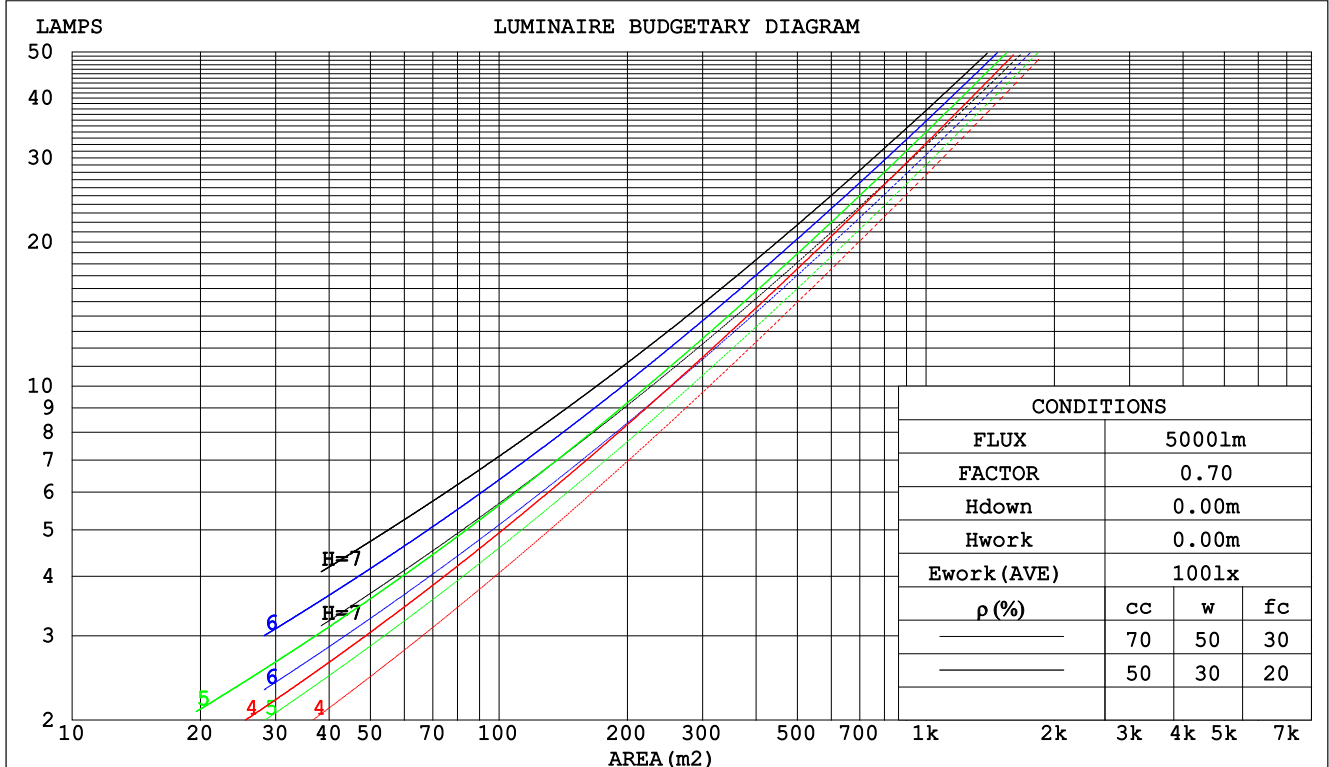
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
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	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	1.00	1.00	1.00	.98
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.76	.81	.77	.74	.78	.75	.72	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.69	.64	.72	.67	.62	.69	.65	.61	.59
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	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.51	.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	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.38	.31	.27	.37	.31	.27	.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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm					
NAME: SP01-24V-5050-60-RGBW-2700K-80-R			TYPE: 硅胶		WEIGHT:
DIM.: 15mm*7mm			SPEC.:		SERIAL No.:20221224
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	.053	.289	.165	.052	.275	.158	.050	.261	.151	.048	.249	.145	.047	
2.0	.281	.154	.047	.275	.151	.047	.262	.146	.045	.250	.140	.044	.239	.135	.043	
3.0	.262	.139	.042	.256	.137	.041	.245	.133	.040	.234	.128	.039	.225	.124	.038	
4.0	.243	.126	.037	.237	.124	.037	.227	.121	.036	.218	.117	.035	.209	.114	.035	
5.0	.225	.115	.033	.220	.113	.033	.212	.110	.032	.203	.107	.032	.195	.104	.031	
6.0	.209	.105	.030	.205	.104	.030	.197	.101	.029	.190	.099	.029	.183	.096	.029	
7.0	.195	.097	.027	.192	.095	.027	.184	.093	.027	.178	.091	.026	.171	.089	.026	
8.0	.183	.089	.025	.179	.088	.025	.173	.086	.025	.167	.084	.024	.161	.083	.024	
9.0	.172	.083	.023	.168	.082	.023	.163	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.161	.077	.021	.159	.077	.021	.153	.075	.021	.148	.074	.021	.144	.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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.069	.069	.069	.022	.022	.022	
1.0	.196	.173	.152	.167	.148	.131	.115	.102	.090	.066	.059	.053	.021	.019	.017	
2.0	.187	.148	.116	.160	.128	.100	.110	.088	.070	.063	.051	.041	.020	.017	.013	
3.0	.179	.131	.092	.154	.113	.080	.106	.078	.056	.061	.046	.033	.020	.015	.011	
4.0	.172	.117	.076	.147	.101	.066	.101	.071	.046	.059	.041	.027	.019	.013	.009	
5.0	.165	.107	.065	.141	.093	.056	.097	.065	.040	.056	.038	.024	.018	.012	.008	
6.0	.158	.099	.056	.135	.085	.049	.093	.060	.035	.054	.035	.021	.017	.012	.007	
7.0	.151	.092	.050	.130	.080	.044	.090	.056	.031	.052	.033	.019	.017	.011	.006	
8.0	.145	.086	.046	.124	.075	.040	.086	.052	.028	.050	.031	.017	.016	.010	.006	
9.0	.139	.081	.042	.119	.070	.037	.083	.049	.026	.048	.029	.016	.016	.010	.005	
10.0	.133	.077	.039	.115	.067	.034	.080	.047	.024	.046	.028	.015	.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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm										
NAME: SP01-24V-5050-60-RGBW-2700K-80-R					TYPE: 硅胶			WEIGHT:		
DIM.: 15mm*7mm					SPEC.:			SERIAL No.:20221224		
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	7.9	9.4	8.2	9.6	9.8	7.5	9.0	7.8	9.2	9.5
3H	9.3	10.6	9.6	10.9	11.2	8.6	10.0	9.0	10.3	10.5
4H	9.9	11.1	10.2	11.4	11.7	9.0	10.3	9.3	10.5	10.8
6H	10.2	11.4	10.6	11.7	12.1	9.2	10.4	9.5	10.7	11.0
8H	10.3	11.5	10.7	11.8	12.2	9.2	10.3	9.6	10.7	11.0
12H	10.4	11.5	10.8	11.9	12.2	9.2	10.3	9.6	10.6	11.0
4H 2H	8.4	9.7	8.7	10.0	10.3	8.1	9.4	8.4	9.7	10.0
3H	10.0	11.1	10.4	11.4	11.8	9.4	10.5	9.8	10.9	11.2
4H	10.7	11.7	11.1	12.0	12.4	9.9	10.9	10.3	11.2	11.6
6H	11.2	12.1	11.6	12.4	12.9	10.2	11.1	10.6	11.4	11.9
8H	11.3	12.2	11.8	12.6	13.0	10.2	11.1	10.7	11.5	11.9
12H	11.4	12.2	11.9	12.6	13.1	10.3	11.0	10.7	11.4	11.9
8H 4H	10.8	11.7	11.3	12.1	12.5	10.1	11.0	10.6	11.4	11.8
6H	11.5	12.2	11.9	12.6	13.1	10.5	11.2	11.0	11.7	12.1
8H	11.7	12.3	12.2	12.8	13.3	10.7	11.3	11.2	11.8	12.2
12H	11.9	12.4	12.4	12.9	13.4	10.8	11.3	11.3	11.8	12.3
12H 4H	10.8	11.6	11.3	12.0	12.5	10.1	10.9	10.6	11.3	11.8
6H	11.5	12.1	12.0	12.6	13.1	10.6	11.2	11.1	11.7	12.2
8H	11.8	12.3	12.3	12.8	13.3	10.8	11.3	11.3	11.8	12.3
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	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 80.13 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.8)

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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

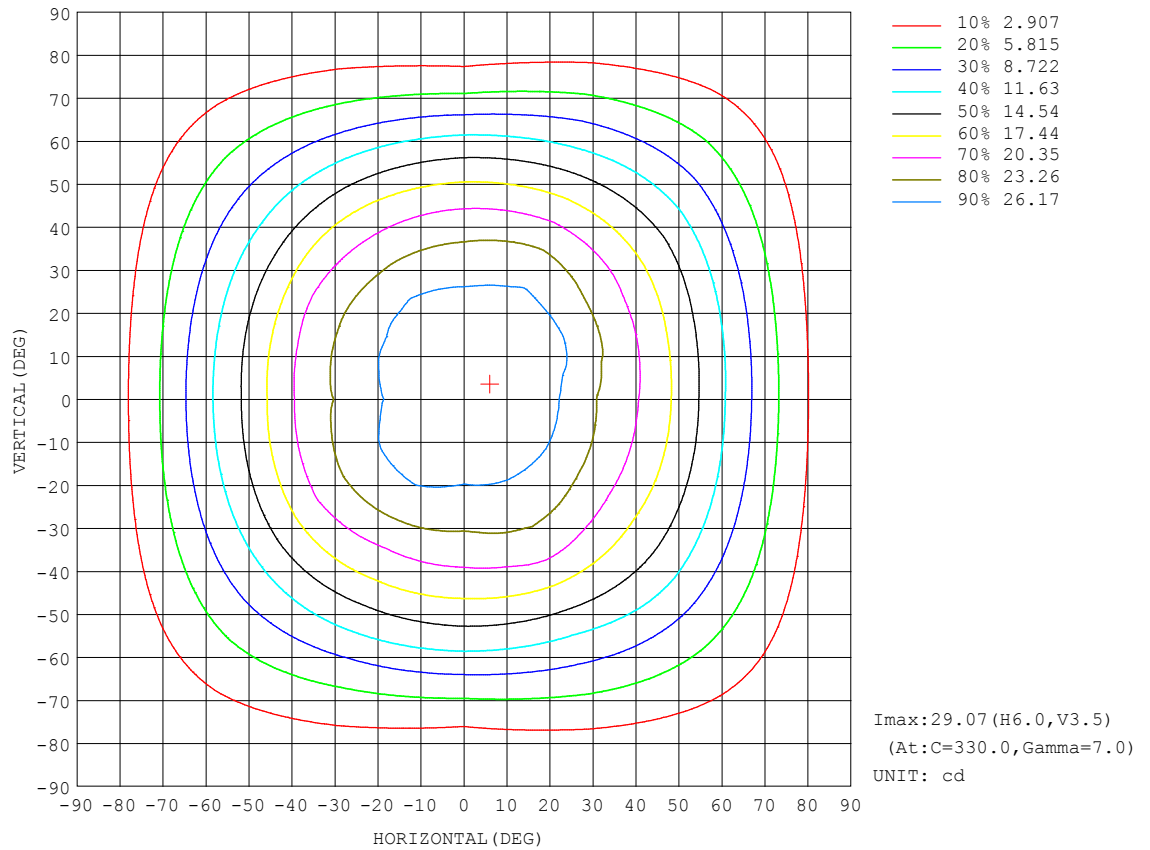
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	76	66	58	75	65	58	73	66	57	50
1.25	84	73	66	82	73	66	79	71	65	58
1.50	88	79	72	87	78	71	83	76	70	63
2.00	95	87	81	93	86	80	90	83	78	70
2.50	99	91	86	97	90	85	93	87	82	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	99	95	92	82
5.00	109	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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

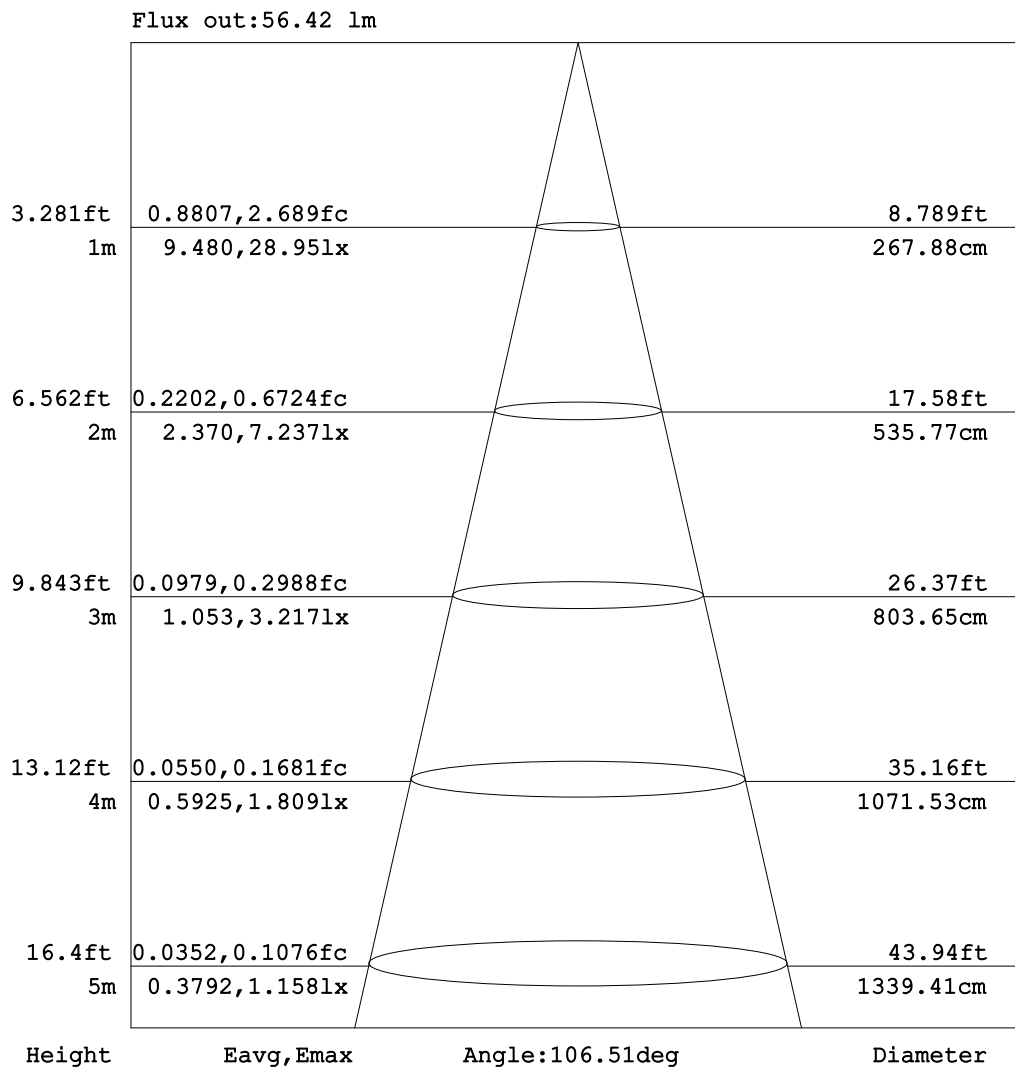


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



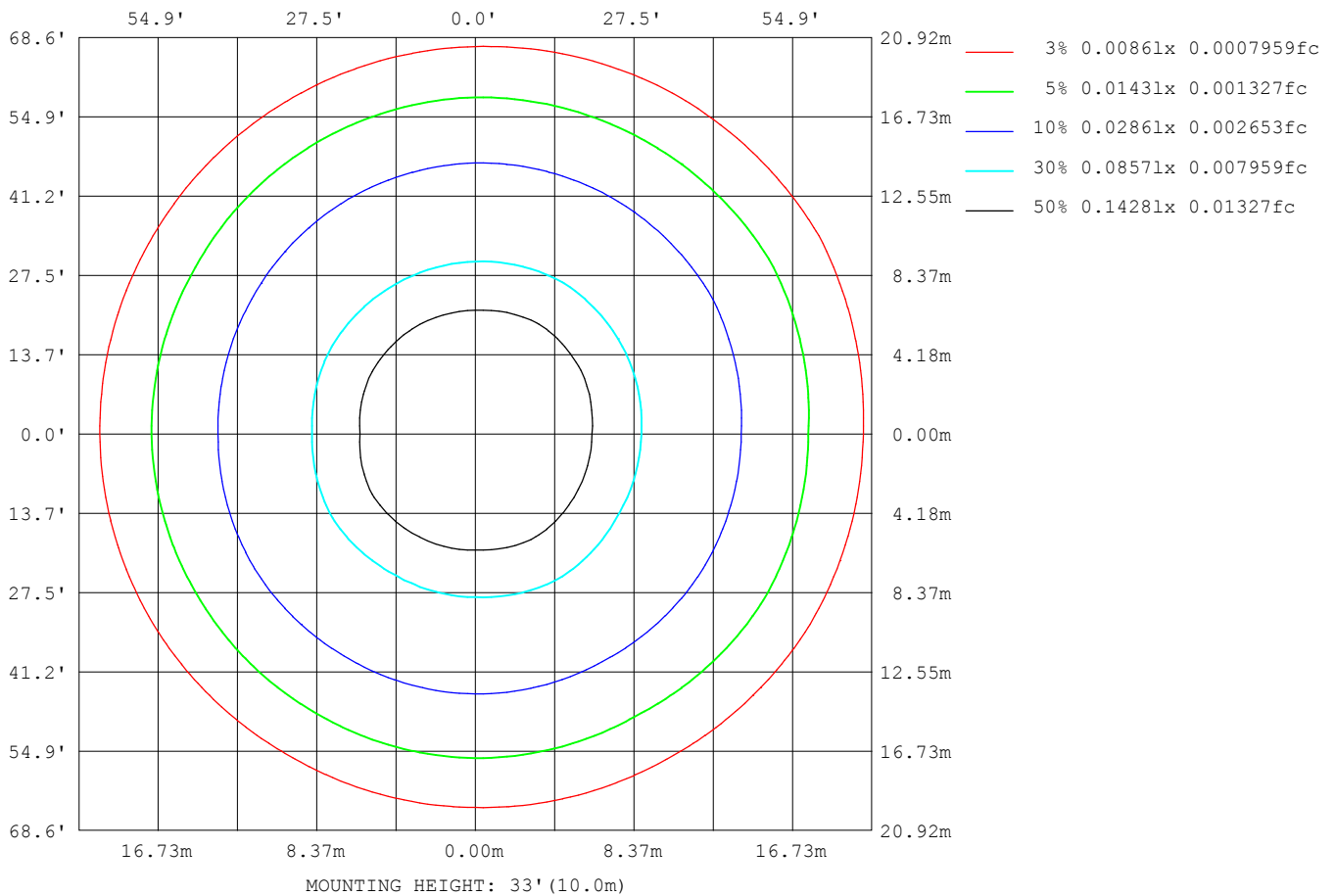
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

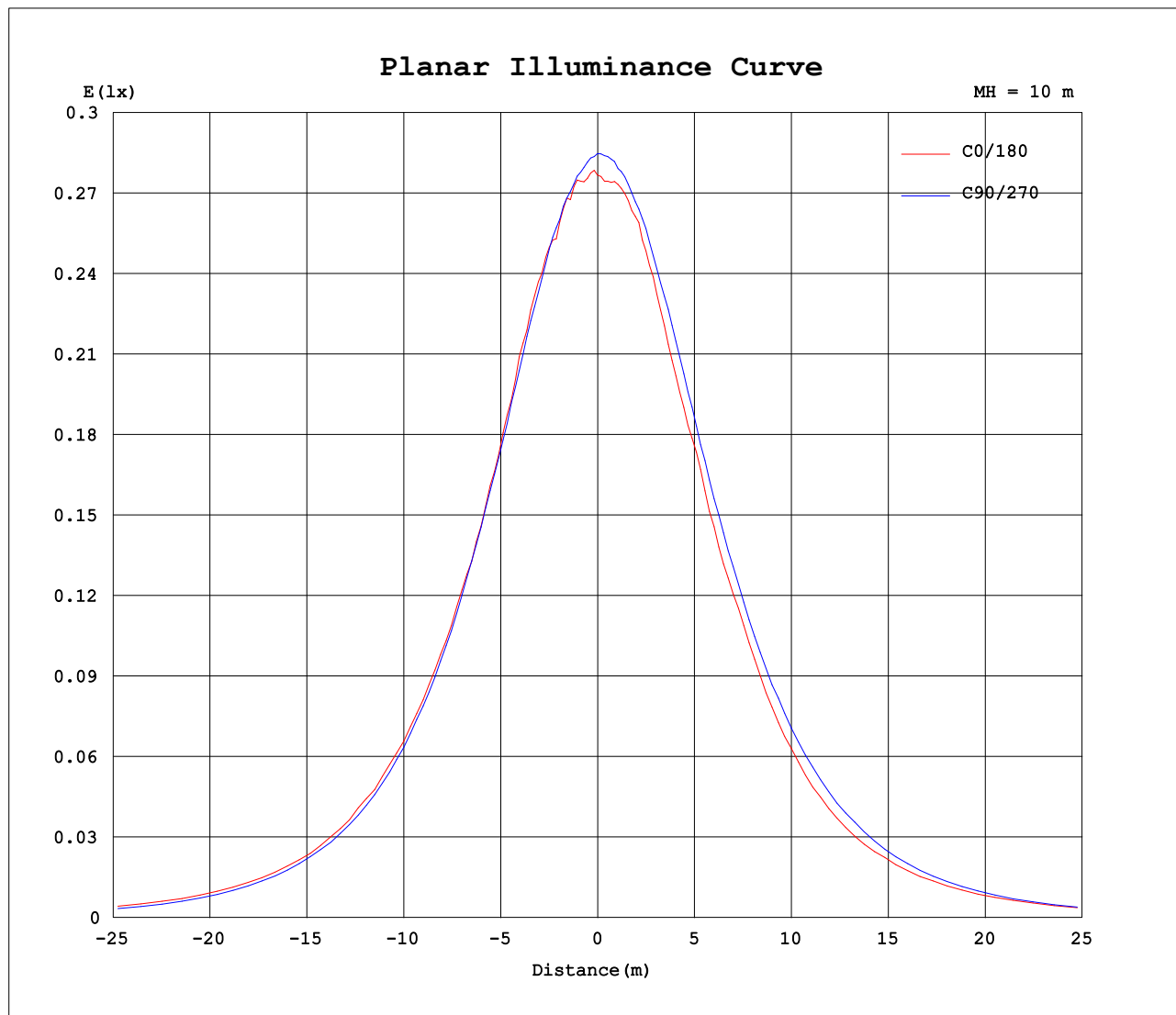
Test:U:24.00V I:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



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:

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:0.1625A P:3.900W PF:1.000 Lamp Flux:80.1297x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
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	27.7	28.1	28.3	28.5	28.6	28.8	27.7	28.1	28.3	28.5	28.6	28.8						
5	27.8	28.1	28.2	28.1	28.3	28.5	27.8	28.1	28.3	28.5	28.7	28.9						
10	27.7	27.8	28.1	27.8	28.1	28.4	27.6	28.2	28.4	28.3	28.8	28.7						
15	27.3	27.2	27.3	27.1	27.7	28.0	27.0	27.5	28.1	27.9	28.3	28.2						
20	26.4	26.6	26.5	26.1	26.7	26.7	25.7	26.9	27.5	27.3	27.7	27.8						
25	25.2	25.7	25.3	24.7	25.4	25.3	24.7	25.5	26.4	26.3	26.6	26.9						
30	23.6	23.9	24.3	23.5	24.0	24.2	23.3	24.6	25.2	25.1	26.0	25.1						
35	22.2	22.1	22.7	21.9	21.9	22.2	22.0	22.5	23.3	23.8	24.6	23.4						
40	20.5	20.2	20.7	20.0	19.9	20.5	20.1	20.9	21.1	22.0	22.8	21.9						
45	18.6	18.3	18.4	18.0	17.8	18.3	17.8	18.8	19.4	20.0	20.4	19.9						
50	16.7	16.3	15.9	15.8	15.7	15.8	15.4	16.2	17.1	17.7	18.1	17.6						
55	14.3	14.1	13.5	13.5	13.1	13.2	13.1	13.7	14.4	15.2	15.5	15.5						
60	12.0	12.0	11.0	11.0	10.6	10.6	11.0	11.1	11.8	12.4	12.6	13.1						
65	9.47	9.41	8.66	8.19	8.09	8.53	8.56	8.85	9.05	9.38	10.1	10.4						
70	7.24	6.98	6.36	5.58	5.78	6.23	6.14	6.52	6.54	6.38	7.43	7.73						
75	4.95	4.73	4.22	3.26	3.83	4.19	3.99	4.31	4.23	3.81	4.98	5.32						
80	2.96	2.72	2.36	1.75	2.20	2.35	2.25	2.39	2.36	1.92	2.81	3.08						
85	1.27	1.11	0.94	0.70	0.97	0.99	0.89	0.96	0.90	0.72	1.06	1.29						
90	0.37	0.27	0.25	0.23	0.25	0.24	0.09	0.14	0.10	0.14	0.10	0.26						
95	0.22	0.23	0.23	0.24	0.24	0.24	0.09	0.09	0.12	0.12	0.10	0.11						
100	0.22	0.24	0.23	0.26	0.24	0.26	0.11	0.09	0.12	0.15	0.11	0.11						
105	0.22	0.27	0.23	0.29	0.24	0.29	0.14	0.09	0.16	0.14	0.15	0.11						
110	0.22	0.28	0.23	0.30	0.24	0.31	0.17	0.10	0.19	0.15	0.18	0.11						
115	0.22	0.30	0.28	0.33	0.27	0.33	0.20	0.15	0.21	0.17	0.21	0.13						
120	0.27	0.33	0.28	0.35	0.30	0.35	0.21	0.18	0.22	0.17	0.23	0.17						
125	0.28	0.35	0.28	0.37	0.30	0.37	0.24	0.17	0.26	0.18	0.25	0.18						
130	0.28	0.37	0.30	0.39	0.31	0.39	0.27	0.21	0.28	0.21	0.28	0.19						
135	0.30	0.39	0.32	0.41	0.35	0.41	0.30	0.25	0.30	0.25	0.28	0.23						
140	0.32	0.40	0.35	0.42	0.39	0.43	0.33	0.28	0.34	0.28	0.28	0.28						
145	0.35	0.42	0.40	0.44	0.39	0.46	0.35	0.28	0.36	0.28	0.36	0.28						
150	0.40	0.44	0.40	0.46	0.40	0.46	0.38	0.31	0.39	0.32	0.39	0.31						
155	0.40	0.45	0.40	0.47	0.41	0.48	0.41	0.37	0.42	0.36	0.42	0.37						
160	0.40	0.46	0.41	0.48	0.43	0.49	0.44	0.42	0.44	0.39	0.44	0.40						
165	0.40	0.47	0.43	0.50	0.44	0.51	0.44	0.41	0.47	0.40	0.47	0.41						
170	0.43	0.47	0.43	0.51	0.44	0.51	0.44	0.41	0.48	0.42	0.49	0.42						
175	0.43	0.47	0.47	0.51	0.48	0.51	0.44	0.42	0.50	0.46	0.51	0.46						
180	0.47	0.47	0.51	0.45	0.52	0.51	0.43	0.50	0.51	0.50	0.52	0.51						

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	27.68	28.05	28.28	28.48	28.64	28.76	27.68	28.05	28.28	28.48
3.0	27.66	28.14	28.41	28.27	28.59	28.53	27.56	27.95	28.31	28.48
6.0	27.94	28.13	28.05	28.09	28.27	28.57	27.78	28.13	28.30	28.38
9.0	27.84	27.92	28.07	27.83	28.14	28.52	27.74	28.29	28.33	28.36
12.0	27.03	27.59	27.96	27.48	28.06	28.09	27.67	27.95	28.22	28.22
15.0	27.31	27.24	27.28	27.05	27.73	27.97	26.97	27.55	28.10	27.93
18.0	26.94	26.91	27.11	26.48	27.26	27.27	26.32	27.19	27.68	27.48
21.0	26.33	26.42	26.26	25.82	26.56	26.51	25.53	26.52	27.29	27.12
24.0	25.30	25.85	25.34	25.16	25.89	25.65	24.94	25.67	26.85	26.59
27.0	24.41	24.95	25.04	24.22	24.85	24.86	24.52	25.12	26.12	25.89
30.0	23.64	23.93	24.34	23.54	24.04	24.17	23.32	24.59	25.22	25.12
33.0	22.51	22.89	23.30	22.53	22.75	23.21	22.34	23.41	24.15	24.32
36.0	21.88	21.45	22.20	21.42	21.66	21.81	21.78	22.09	23.02	23.46
39.0	20.90	20.64	21.19	20.39	20.22	20.82	20.52	21.33	21.62	22.33
42.0	19.80	19.29	19.94	19.24	19.09	19.71	19.12	20.23	20.63	21.17
45.0	18.62	18.32	18.45	17.97	17.80	18.27	17.84	18.78	19.38	19.98
48.0	17.58	17.10	16.99	16.74	16.65	16.73	16.25	17.24	18.24	18.72
51.0	16.43	15.74	15.42	15.33	15.05	15.16	14.90	15.60	16.63	17.17
54.0	14.92	14.73	14.04	13.90	13.63	13.67	13.51	14.04	14.98	15.78
57.0	13.39	13.34	12.45	12.51	12.21	12.22	12.24	12.59	13.47	14.07
60.0	11.95	11.96	11.00	10.97	10.63	10.64	10.95	11.11	11.78	12.41
63.0	10.57	10.26	9.639	9.303	9.128	9.332	9.448	9.673	10.17	10.73
66.0	9.125	8.861	8.144	7.642	7.658	8.134	8.146	8.336	8.562	8.794
69.0	7.741	7.476	6.826	6.097	6.238	6.686	6.691	6.902	6.963	7.041
72.0	6.343	6.070	5.532	4.615	5.012	5.405	5.258	5.635	5.556	5.338
75.0	4.951	4.734	4.216	3.260	3.828	4.187	3.992	4.305	4.235	3.814
78.0	3.758	3.501	3.052	2.297	2.816	3.031	2.919	3.141	3.078	2.635
81.0	2.594	2.366	2.046	1.487	1.921	2.041	1.964	2.108	2.032	1.609
84.0	1.569	1.396	1.181	0.8573	1.173	1.224	1.140	1.201	1.153	0.8954
87.0	0.7784	0.6428	0.5423	0.4078	0.5907	0.5528	0.4415	0.4869	0.4829	0.4375
90.0	0.3680	0.2698	0.2499	0.2286	0.2501	0.2355	0.0900	0.1390	0.1039	0.1390
93.0	0.2496	0.2286	0.2286	0.2355	0.2355	0.2355	0.0900	0.0901	0.1110	0.1247
96.0	0.2216	0.2286	0.2286	0.2425	0.2355	0.2356	0.0970	0.0900	0.1177	0.1247
99.0	0.2216	0.2355	0.2286	0.2701	0.2355	0.2563	0.1108	0.0900	0.1178	0.1247
102.0	0.2216	0.2562	0.2286	0.2702	0.2355	0.2770	0.1247	0.0900	0.1387	0.1385
105.0	0.2216	0.2702	0.2286	0.2909	0.2355	0.2909	0.1385	0.0900	0.1595	0.1385
108.0	0.2216	0.2840	0.2286	0.2979	0.2492	0.2979	0.1525	0.0900	0.1732	0.1385
111.0	0.2216	0.2909	0.2491	0.3118	0.2424	0.3117	0.1732	0.1038	0.1871	0.1455
114.0	0.2216	0.2979	0.2631	0.3186	0.2632	0.3187	0.1872	0.1314	0.2079	0.1800
117.0	0.2491	0.3254	0.2770	0.3394	0.2770	0.3394	0.2010	0.1662	0.2147	0.1731
120.0	0.2700	0.3256	0.2770	0.3532	0.2976	0.3532	0.2148	0.1801	0.2218	0.1731
123.0	0.2840	0.3463	0.2770	0.3602	0.3047	0.3671	0.2424	0.1662	0.2426	0.1731
126.0	0.2840	0.3532	0.2908	0.3671	0.3047	0.3809	0.2424	0.1800	0.2701	0.1869
129.0	0.2840	0.3602	0.2978	0.3878	0.3116	0.3811	0.2769	0.1939	0.2770	0.2008
132.0	0.2976	0.3740	0.3117	0.3948	0.3254	0.4017	0.2908	0.2146	0.2978	0.2146
135.0	0.2978	0.3878	0.3186	0.4087	0.3461	0.4087	0.2979	0.2491	0.3048	0.2492
138.0	0.3117	0.3879	0.3530	0.4156	0.3946	0.4294	0.3186	0.2770	0.3117	0.2770
141.0	0.3254	0.4018	0.3463	0.4295	0.3948	0.4432	0.3394	0.2770	0.3395	0.2770
144.0	0.3392	0.4224	0.3947	0.4364	0.3948	0.4502	0.3464	0.2770	0.3601	0.2770
147.0	0.3808	0.4225	0.4017	0.4502	0.3948	0.4502	0.3601	0.2978	0.3810	0.2978
150.0	0.4018	0.4363	0.4017	0.4571	0.4018	0.4641	0.3811	0.3116	0.3949	0.3185
153.0	0.4017	0.4433	0.4017	0.4641	0.4017	0.4710	0.3949	0.3529	0.4156	0.3324
156.0	0.4017	0.4571	0.4017	0.4710	0.4360	0.4917	0.4156	0.4015	0.4225	0.3739
159.0	0.4017	0.4640	0.4086	0.4848	0.4294	0.4917	0.4227	0.4017	0.4501	0.3879
162.0	0.4017	0.4710	0.4155	0.4919	0.4294	0.4987	0.4363	0.4086	0.4571	0.3878
165.0	0.4017	0.4710	0.4294	0.4987	0.4362	0.5057	0.4363	0.4086	0.4710	0.4016
168.0	0.4294	0.4710	0.4294	0.5056	0.4363	0.5125	0.4363	0.4086	0.4779	0.4155
171.0	0.4294	0.4710	0.4294	0.5125	0.4432	0.5125	0.4363	0.4086	0.4917	0.4155
174.0	0.4294	0.4710	0.4568	0.5125	0.4779	0.5125	0.4363	0.4155	0.4987	0.4636
177.0	0.4431	0.4710	0.5057	0.5125	0.4987	0.5125	0.4363	0.4225	0.5056	0.4640
180.0	0.4710	0.4710	0.5056	0.4502	0.5194	0.5125	0.4294	0.4987	0.5056	0.4987
G/C	300.0	330.0								
0.0	28.64	28.76								
3.0	28.73	28.67								
6.0	28.67	28.98								
9.0	28.79	28.73								
12.0	28.82	28.43								
15.0	28.32	28.23								
18.0	28.18	28.09								
21.0	27.62	27.87								
24.0	26.77	27.11								
27.0	26.59	26.18								
30.0	26.01	25.11								

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

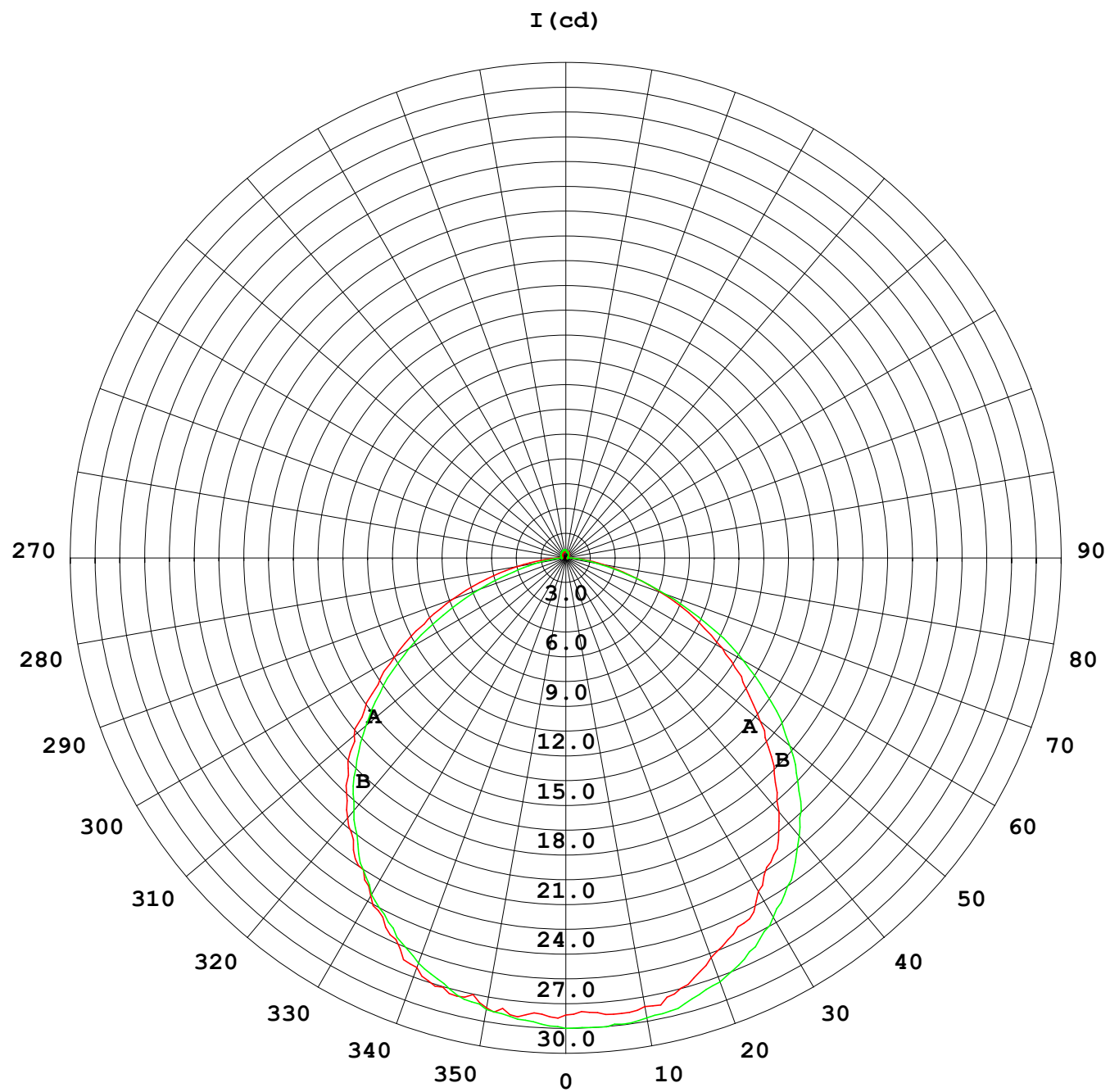
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	25.27	24.16
36.0	24.30	22.89
39.0	23.11	22.09
42.0	22.00	20.99
45.0	20.45	19.89
48.0	19.04	18.43
51.0	17.47	17.22
54.0	15.99	16.09
57.0	14.34	14.52
60.0	12.58	13.09
63.0	11.11	11.36
66.0	9.594	9.860
69.0	7.993	8.343
72.0	6.428	6.730
75.0	4.982	5.323
78.0	3.700	3.951
81.0	2.427	2.683
84.0	1.361	1.596
87.0	0.5590	0.7227
90.0	0.1039	0.2640
93.0	0.1039	0.1248
96.0	0.1039	0.1108
99.0	0.1177	0.1108
102.0	0.1247	0.1108
105.0	0.1456	0.1108
108.0	0.1731	0.1108
111.0	0.1870	0.1108
114.0	0.2010	0.1246
117.0	0.2148	0.1523
120.0	0.2286	0.1662
123.0	0.2426	0.1801
126.0	0.2563	0.1801
129.0	0.2702	0.1938
132.0	0.2840	0.2077
135.0	0.2840	0.2284
138.0	0.2770	0.2769
141.0	0.2641	0.2770
144.0	0.3464	0.2770
147.0	0.3809	0.2908
150.0	0.3949	0.3117
153.0	0.4086	0.3255
156.0	0.4295	0.3808
159.0	0.4433	0.4017
162.0	0.4572	0.4087
165.0	0.4710	0.4086
168.0	0.4848	0.4086
171.0	0.4919	0.4225
174.0	0.5056	0.4499
177.0	0.5125	0.4640
180.0	0.5194	0.5125

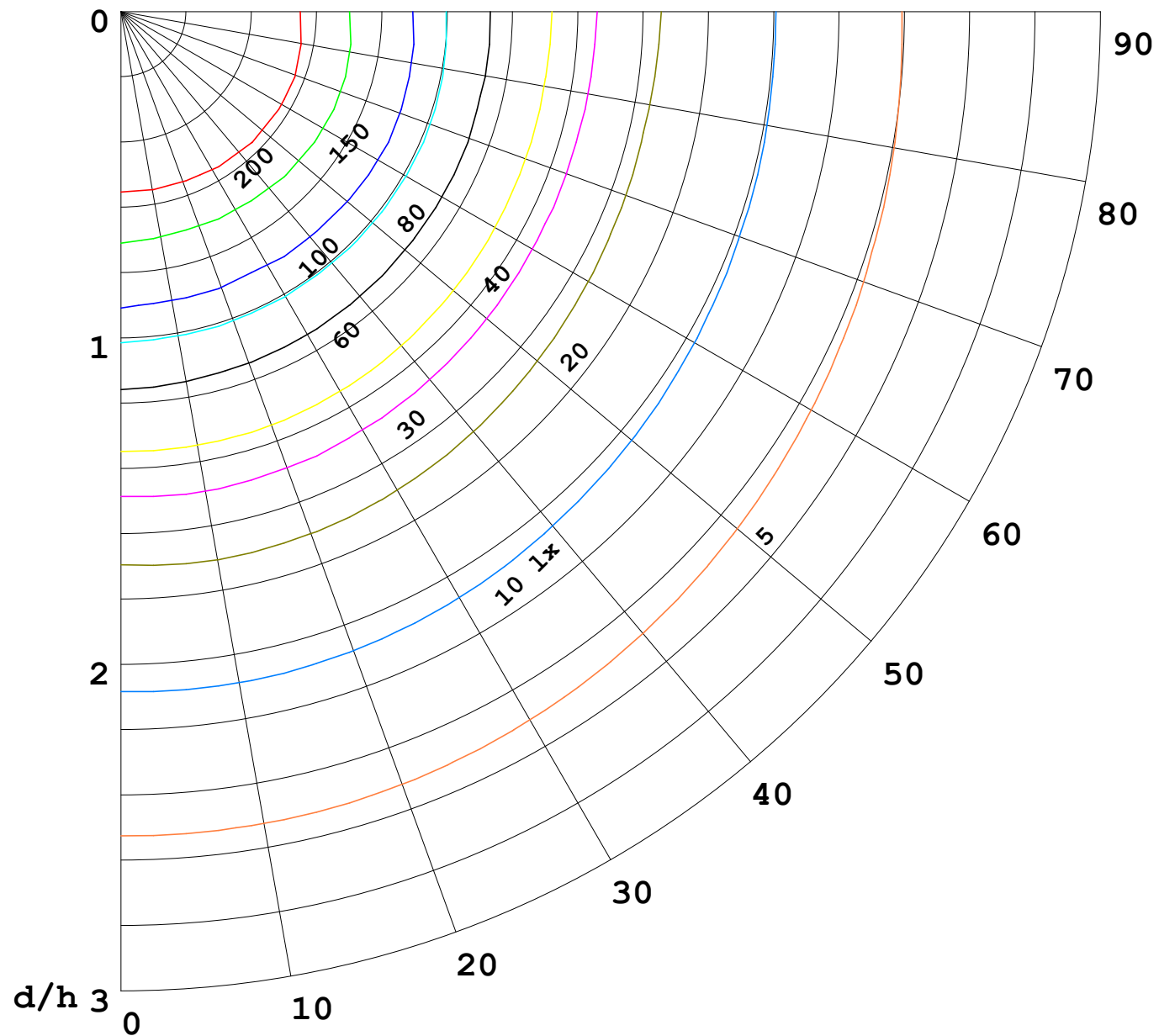
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:



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

