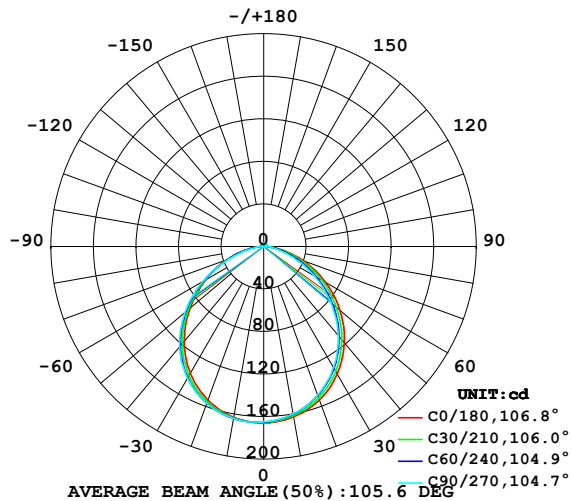


LUMINAIRE PHOTOMETRIC TEST REPORT

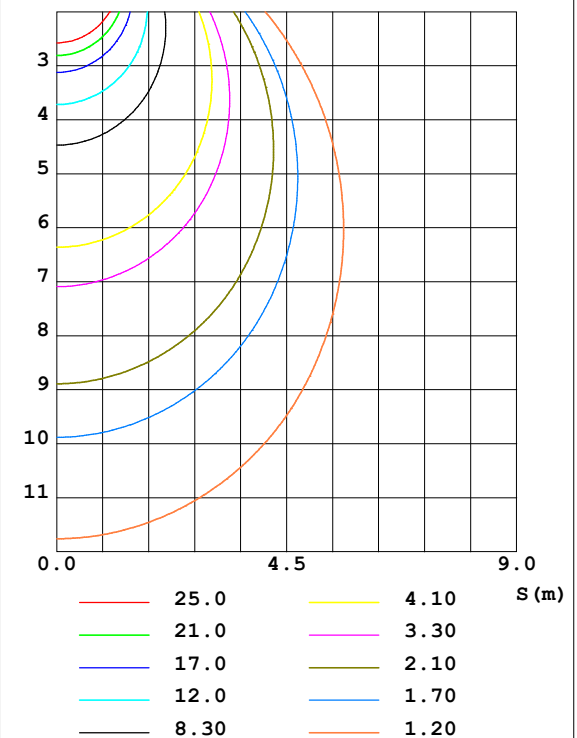
Test:U:24.00V I:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.32 lm/W			
MODEL	5050	I _{max} (cd)	165.9	S/MH (C0/180)	1.24
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	449.15	η UP, DN (C0-180)	1.6, 46.9
NOMINAL FLUX (lm)	449.149	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 50.3
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



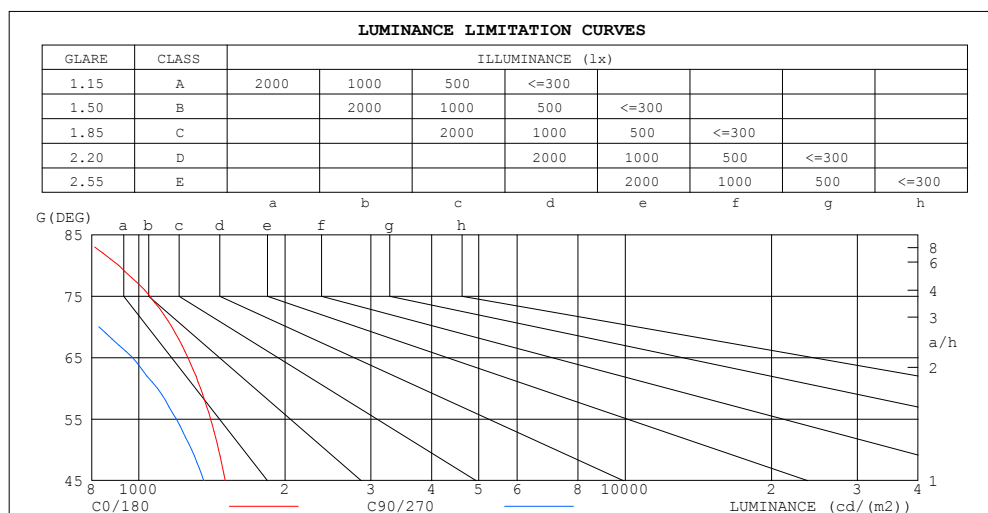
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-15

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	162.7	160.8	160.0	160.2	163.0	164.0	164.2	163.0	0- 10	15.63	15.63	3.48,3.48
20	153.6	150.3	148.6	149.7	153.7	156.1	157.0	155.3	10- 20	44.67	60.29	13.4,13.4
30	138.4	133.8	131.4	132.7	137.8	141.6	143.3	141.4	20- 30	67.23	127.5	28.4,28.4
40	118.1	112.3	109.1	110.5	116.4	120.6	123.1	121.5	30- 40	79.75	207.3	46.1,46.1
50	93.83	86.99	82.61	84.52	90.37	94.12	96.76	96.39	40- 50	80.12	287.4	64,64
60	66.99	60.08	54.60	57.31	63.01	64.89	66.17	67.98	50- 60	68.53	355.9	79.2,79.2
70	39.98	34.48	28.33	32.57	36.43	37.11	35.17	39.73	60- 70	48.32	404.2	90,90
80	15.79	13.31	9.838	13.11	14.45	14.44	11.32	15.18	70- 80	25.35	429.6	95.6,95.6
90	1.978	1.805	1.690	1.951	1.402	1.272	1.181	1.199	80- 90	6.980	436.6	97.2,97.2
100	1.621	1.800	1.988	1.808	1.011	1.046	1.177	1.053	90-100	1.506	438.1	97.5,97.5
110	1.849	2.050	2.300	2.067	1.295	1.326	1.772	1.302	100-110	1.669	439.8	97.9,97.9
120	2.098	2.241	2.410	2.279	1.586	1.586	1.648	1.579	110-120	1.817	441.6	98.3,98.3
130	2.320	2.448	2.577	2.487	1.898	1.880	1.877	1.873	120-130	1.836	443.4	98.7,98.7
140	2.521	2.615	2.729	2.666	2.210	2.164	2.154	2.154	130-140	1.769	445.2	99.1,99.1
150	2.715	2.781	2.874	2.846	2.521	2.469	2.438	2.455	140-150	1.579	446.8	99.5,99.5
160	2.881	2.961	3.013	2.992	2.798	2.750	2.715	2.732	150-160	1.268	448.0	99.7,99.7
170	3.047	3.089	3.096	3.110	3.041	2.978	2.936	2.978	160-170	0.8348	448.9	99.9,99.9
180	3.137	3.127	3.172	3.165	3.130	3.134	3.096	3.158	170-180	0.2938	449.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	763	535
80	909	567
75	1053	685
70	1169	828
65	1261	970
60	1340	1092
55	1405	1194
50	1460	1285
45	1505	1361

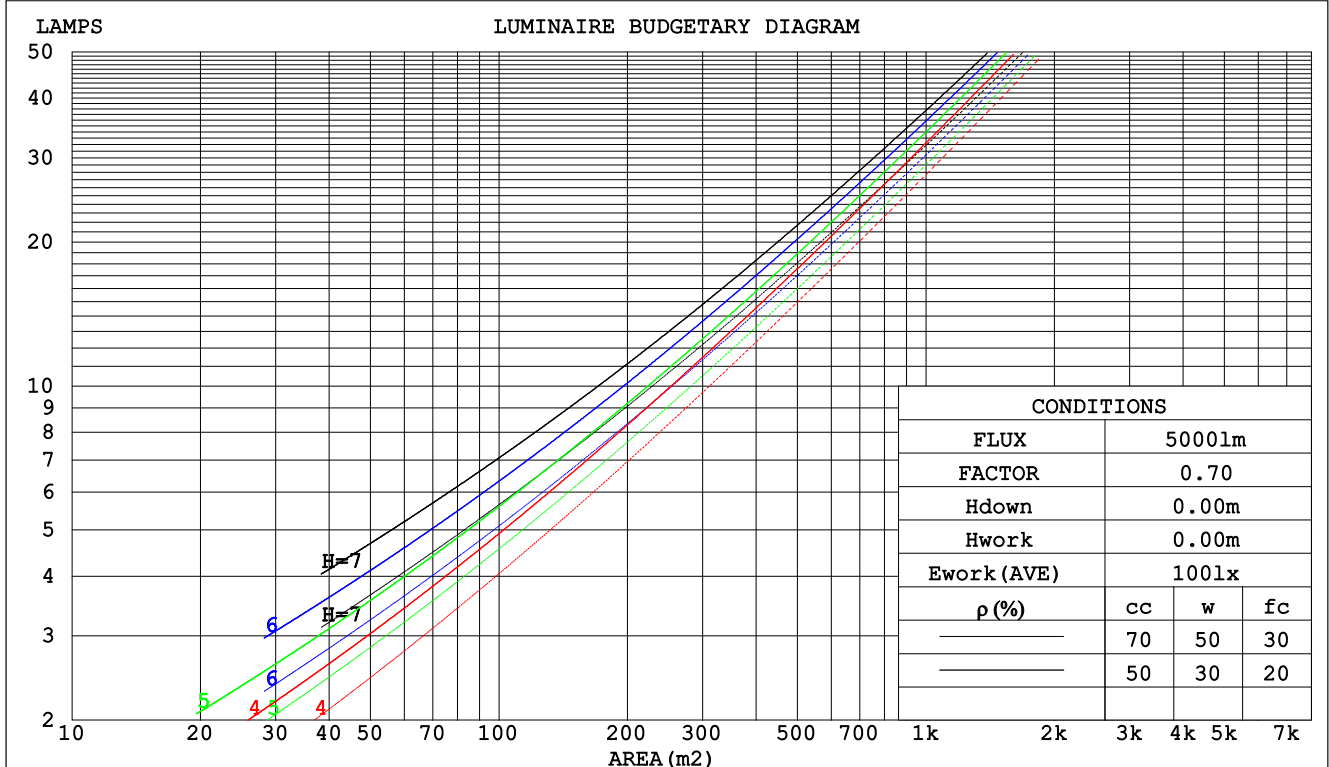
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
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	.76	.81	.77	.73	.78	.74	.71	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.69	.64	.72	.67	.62	.69	.65	.61	.59
4.0	.71	.63	.56	.70	.62	.56	.67	.60	.55	.64	.58	.54	.62	.57	.53	.50
5.0	.64	.55	.49	.63	.54	.48	.60	.53	.47	.58	.52	.47	.56	.50	.46	.44
6.0	.58	.49	.42	.56	.48	.42	.54	.47	.42	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.44	.38	.51	.43	.37	.50	.42	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.48	.39	.34	.47	.39	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.30
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.40	.34	.30	.39	.33	.29	.27
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.36	.31	.27	.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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm					
NAME: SP01-24V-5050-60-RGBW-5000K-80-W			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	.295	.168	.053	.287	.164	.052	.273	.156	.050	.259	.149	.048	.246	.143	.046		
2.0	.279	.153	.047	.272	.150	.046	.259	.144	.045	.247	.139	.043	.236	.134	.042		
3.0	.260	.138	.041	.254	.136	.041	.242	.131	.040	.231	.127	.039	.221	.123	.038		
4.0	.241	.125	.037	.235	.123	.036	.225	.119	.036	.216	.116	.035	.207	.112	.034		
5.0	.224	.114	.033	.219	.112	.033	.209	.109	.032	.201	.106	.032	.193	.103	.031		
6.0	.208	.104	.030	.204	.103	.030	.195	.100	.029	.188	.097	.029	.180	.095	.028		
7.0	.194	.096	.027	.190	.095	.027	.183	.092	.027	.176	.090	.026	.169	.088	.026		
8.0	.182	.089	.025	.178	.088	.025	.171	.086	.024	.165	.084	.024	.159	.082	.024		
9.0	.170	.082	.023	.167	.082	.023	.161	.080	.023	.155	.078	.022	.150	.076	.022		
10.0	.161	.077	.021	.158	.076	.021	.152	.075	.021	.147	.073	.021	.142	.071	.020		

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	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.201	.178	.157	.172	.153	.135	.118	.105	.093	.068	.061	.054	.022	.020	.018	
2.0	.192	.154	.121	.165	.132	.105	.113	.091	.073	.065	.053	.043	.021	.017	.014	
3.0	.184	.136	.097	.158	.117	.085	.108	.082	.059	.063	.048	.035	.020	.015	.011	
4.0	.177	.123	.081	.152	.106	.071	.104	.074	.050	.060	.043	.029	.019	.014	.010	
5.0	.169	.112	.070	.145	.097	.061	.100	.068	.043	.058	.040	.026	.019	.013	.008	
6.0	.162	.104	.062	.140	.090	.054	.096	.063	.038	.056	.037	.023	.018	.012	.007	
7.0	.156	.097	.056	.134	.084	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007	
8.0	.149	.091	.051	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
9.0	.143	.086	.048	.124	.075	.042	.086	.053	.030	.050	.031	.018	.016	.010	.006	
10.0	.138	.082	.045	.119	.071	.039	.082	.050	.028	.048	.030	.017	.016	.010	.006	

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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm											
NAME: SP01-24V-5050-60-RGBW-5000K-80-W						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	13.7	15.2	14.0	15.4	15.7	13.0	14.4	13.3	14.7	14.9	
	3H	15.1	16.5	15.5	16.7	17.0	14.0	15.4	14.4	15.6	15.9
	4H	15.7	16.9	16.0	17.2	17.5	14.4	15.6	14.7	15.9	16.3
	6H	16.0	17.2	16.4	17.5	17.9	14.6	15.8	14.9	16.1	16.4
	8H	16.1	17.3	16.5	17.6	17.9	14.6	15.8	15.0	16.1	16.4
	12H	16.2	17.3	16.6	17.6	18.0	14.7	15.8	15.0	16.1	16.5
4H	2H	14.2	15.4	14.5	15.7	16.0	13.6	14.8	13.9	15.1	15.4
	3H	15.7	16.8	16.1	17.2	17.5	14.8	15.9	15.2	16.2	16.6
	4H	16.4	17.4	16.8	17.8	18.2	15.3	16.3	15.7	16.6	17.0
	6H	16.9	17.8	17.3	18.2	18.6	15.6	16.4	16.0	16.8	17.3
	8H	17.0	17.9	17.5	18.3	18.7	15.6	16.5	16.1	16.9	17.3
	12H	17.1	17.9	17.6	18.3	18.8	15.7	16.5	16.2	16.9	17.4
8H	4H	16.5	17.4	17.0	17.8	18.2	15.5	16.3	16.0	16.8	17.2
	6H	17.2	17.8	17.6	18.3	18.8	15.9	16.6	16.4	17.1	17.6
	8H	17.4	18.0	17.9	18.5	19.0	16.1	16.7	16.6	17.2	17.7
	12H	17.6	18.1	18.1	18.6	19.1	16.2	16.7	16.7	17.2	17.8
12H	4H	16.5	17.3	17.0	17.7	18.2	15.5	16.3	16.0	16.7	17.2
	6H	17.2	17.8	17.7	18.3	18.8	16.0	16.6	16.5	17.1	17.6
	8H	17.4	18.0	18.0	18.4	19.0	16.2	16.7	16.7	17.2	17.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 449.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.8)

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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

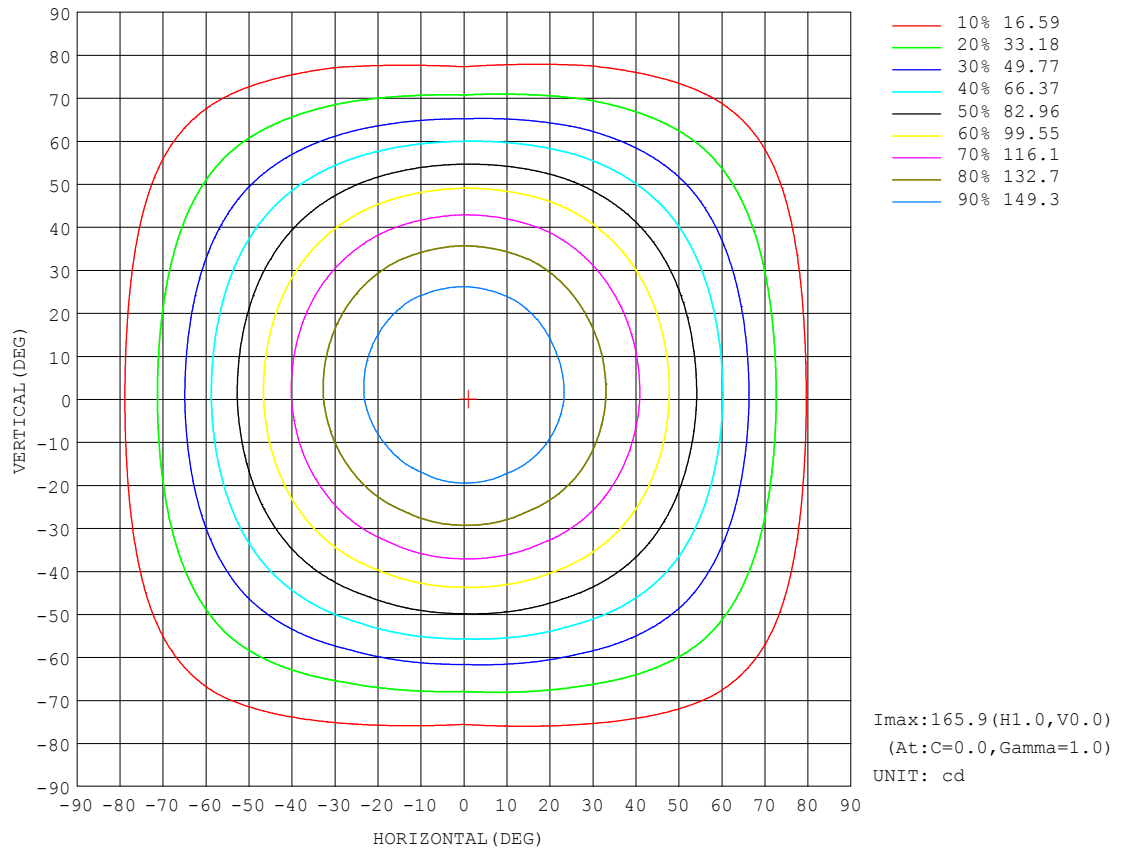
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	57	47	40	56	46	40	33
0.80	68	57	50	67	56	50	65	56	49	42
1.00	77	66	59	75	65	58	73	66	58	51
1.25	84	73	67	82	73	66	79	71	65	58
1.50	89	79	72	87	78	72	83	76	70	63
2.00	95	87	81	93	86	80	89	83	78	70
2.50	99	91	86	97	90	85	93	87	82	74
3.00	102	96	90	100	94	89	95	91	86	77
4.00	106	101	96	103	99	94	99	95	91	82
5.00	108	104	100	106	102	98	101	97	94	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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

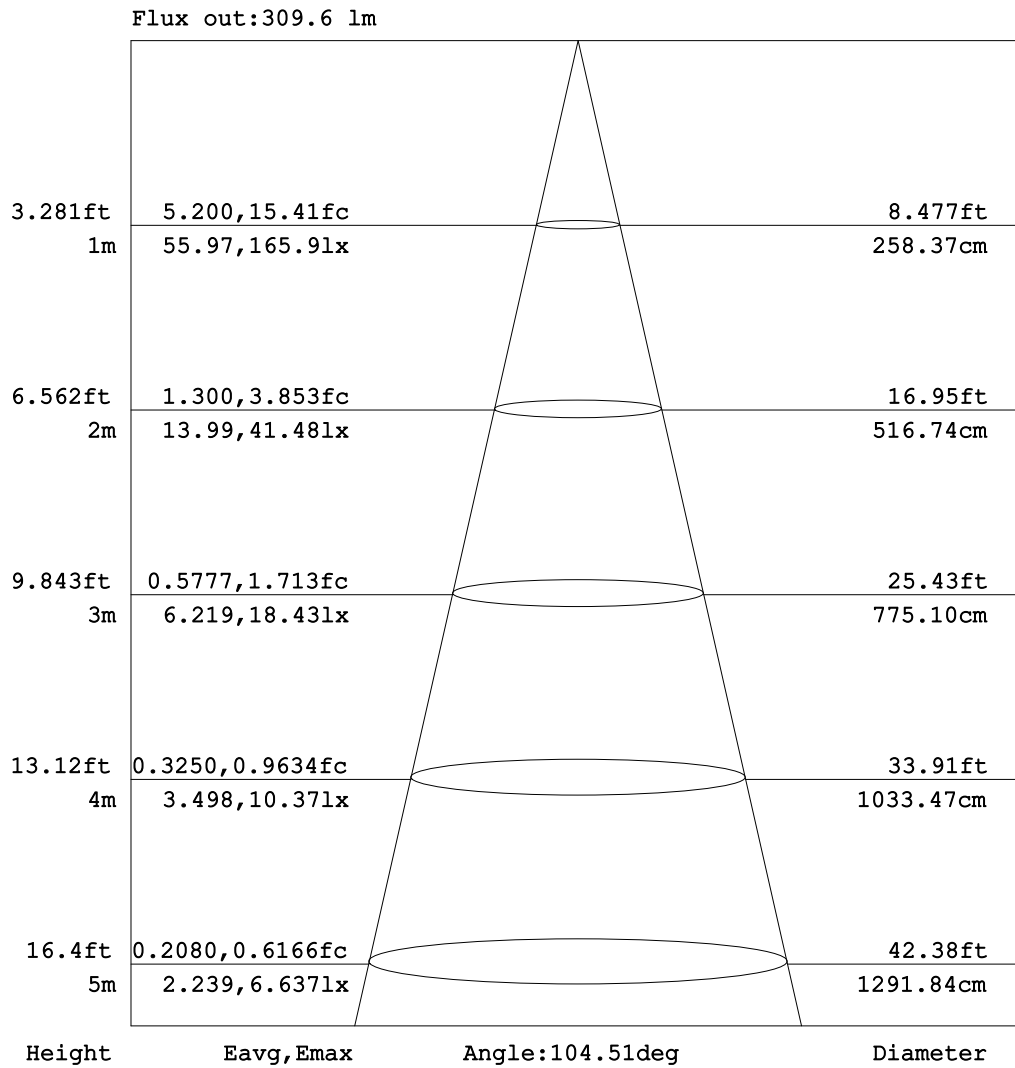


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



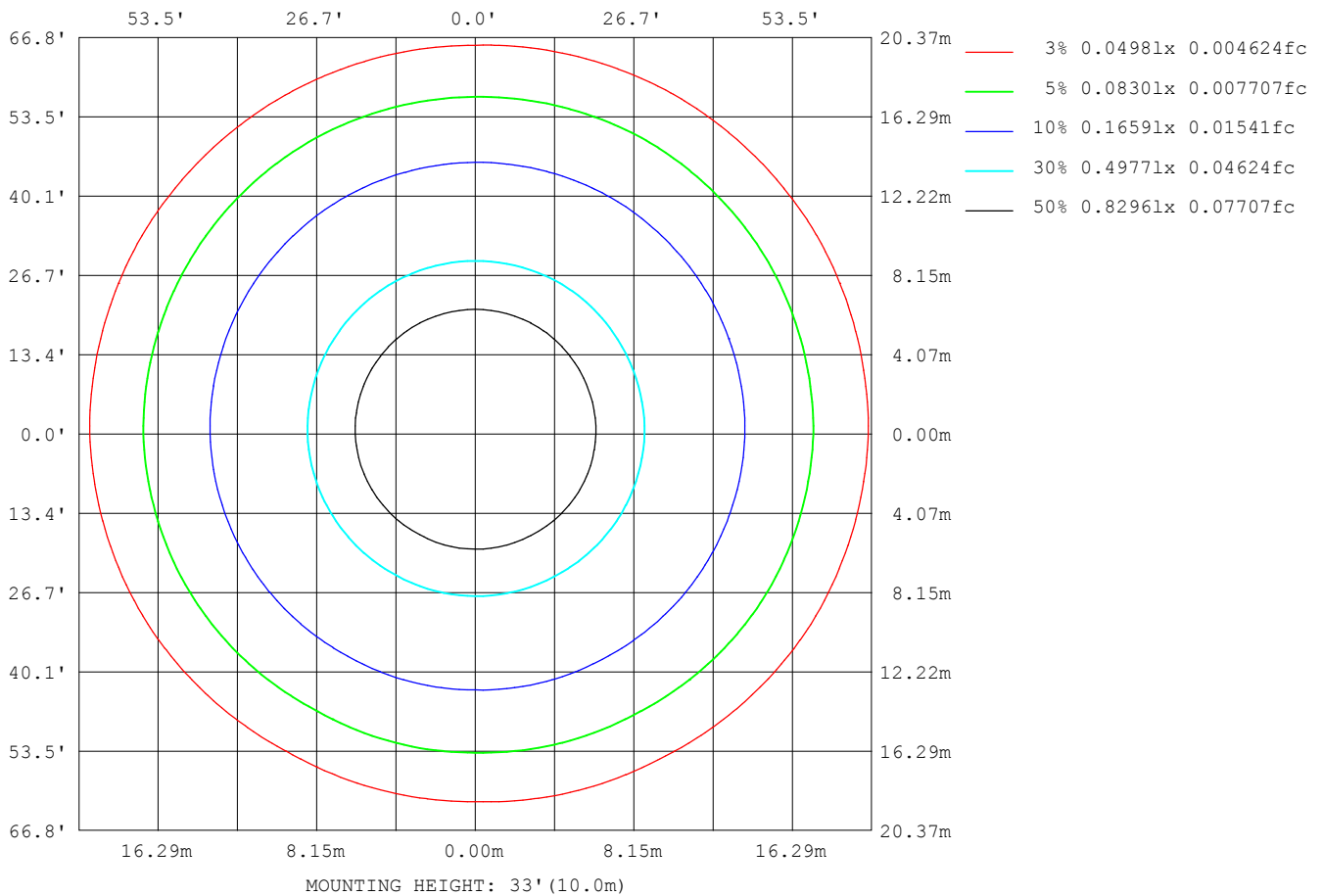
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

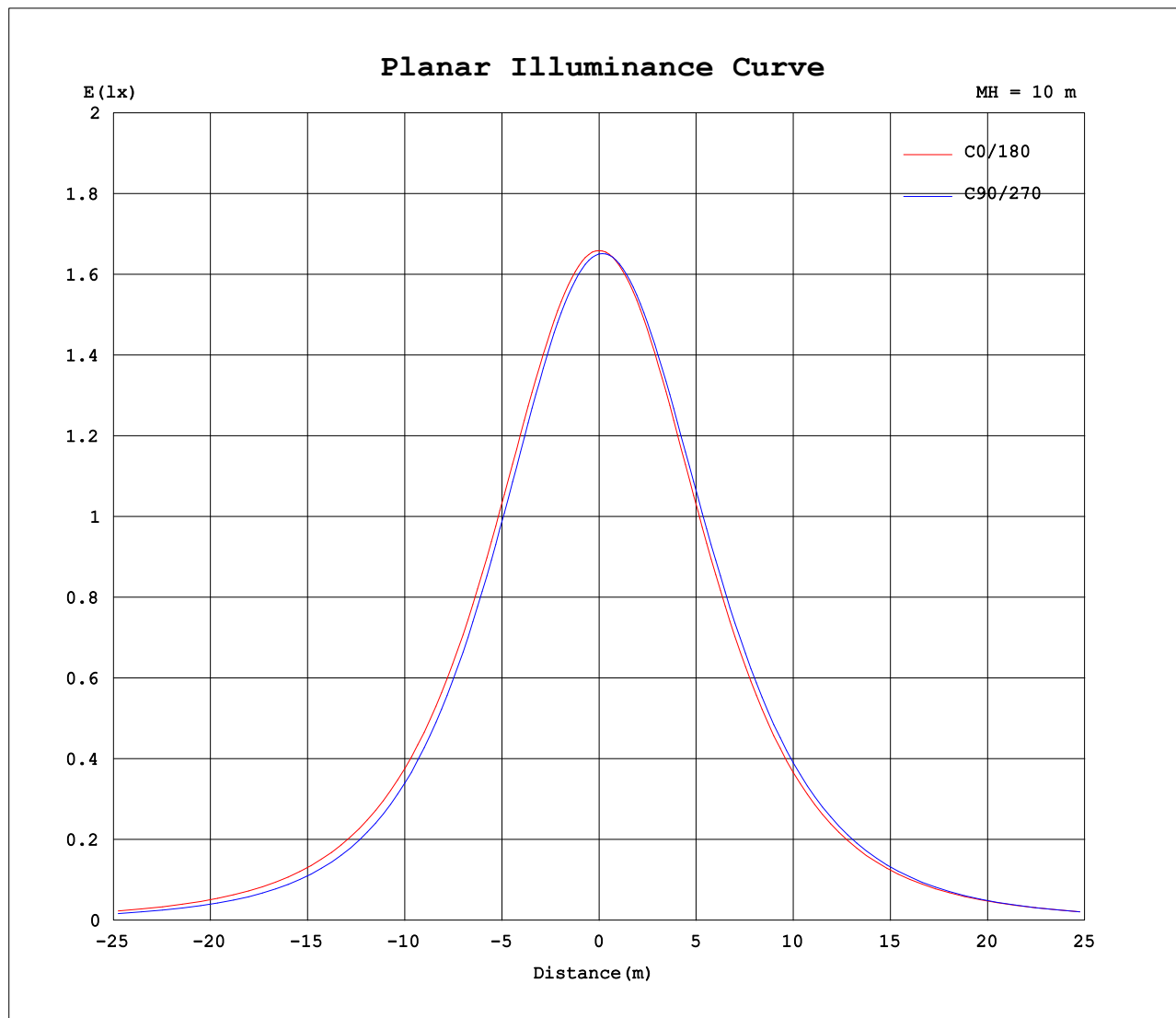
Test:U:24.00V I:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



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:0.2330A P:5.592W PF:1.000 Lamp Flux:449.149x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-W	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	166	166	165	165	165	165	166	166	165	165	165	165							
5	165	164	164	163	163	163	165	165	166	165	165	164							
10	163	161	160	160	160	161	163	164	164	164	164	162							
15	159	157	155	155	155	157	159	160	161	161	161	159							
20	154	151	149	149	149	151	154	155	157	157	156	154							
25	147	144	141	141	141	143	147	149	151	151	150	148							
30	138	136	132	131	131	134	138	141	143	143	143	140							
35	129	125	122	121	121	124	128	131	133	134	134	131							
40	118	114	110	109	109	112	116	119	122	123	123	120							
45	106	102	98.0	96.2	96.2	99.6	104	107	109	111	111	108							
50	93.8	89.4	84.6	82.6	82.7	86.3	90.4	92.8	95.4	96.8	97.3	95.5							
55	80.6	76.3	70.9	68.5	68.7	72.7	76.7	78.5	80.8	81.8	82.9	82.1							
60	67.0	63.0	57.2	54.6	55.1	59.5	63.0	64.2	65.6	66.2	68.0	68.0							
65	53.3	49.9	44.0	41.0	42.1	46.8	49.6	50.4	50.6	50.3	53.1	54.1							
70	40.0	37.1	31.9	28.3	30.4	34.7	36.4	37.3	36.9	35.2	39.1	40.4							
75	27.3	25.1	21.1	17.7	20.4	23.7	24.6	25.2	24.7	21.8	26.1	27.3							
80	15.8	14.6	12.0	9.84	12.1	14.1	14.4	14.6	14.3	11.3	14.7	15.6							
85	6.65	6.17	4.99	4.67	5.60	6.72	6.40	6.36	6.15	4.50	5.85	6.23							
90	1.98	1.86	1.75	1.69	1.83	2.07	1.40	1.36	1.18	1.18	1.10	1.30							
95	1.61	1.70	1.70	1.85	1.70	1.66	0.89	0.89	1.00	1.32	1.01	0.97							
100	1.62	1.78	1.82	1.99	1.82	1.79	1.01	0.97	1.12	1.18	1.13	0.98							
105	1.72	1.89	1.95	2.18	1.96	1.93	1.15	1.11	1.26	1.50	1.26	1.08							
110	1.85	2.01	2.09	2.30	2.08	2.05	1.30	1.26	1.39	1.77	1.39	1.22							
115	1.97	2.13	2.17	2.36	2.19	2.17	1.43	1.38	1.52	1.77	1.52	1.37							
120	2.10	2.22	2.26	2.41	2.29	2.27	1.59	1.52	1.66	1.65	1.66	1.50							
125	2.20	2.34	2.38	2.50	2.40	2.38	1.75	1.68	1.79	1.75	1.79	1.64							
130	2.32	2.43	2.47	2.58	2.49	2.48	1.90	1.82	1.94	1.88	1.93	1.82							
135	2.41	2.53	2.53	2.66	2.59	2.58	2.06	1.98	2.08	2.00	2.07	1.96							
140	2.52	2.62	2.60	2.73	2.65	2.68	2.21	2.12	2.21	2.15	2.21	2.10							
145	2.60	2.71	2.69	2.80	2.72	2.77	2.36	2.26	2.36	2.29	2.36	2.28							
150	2.71	2.80	2.76	2.87	2.83	2.86	2.52	2.42	2.51	2.44	2.50	2.41							
155	2.83	2.87	2.83	2.94	2.87	2.95	2.66	2.58	2.66	2.59	2.65	2.55							
160	2.88	2.99	2.94	3.01	2.96	3.03	2.80	2.71	2.79	2.71	2.77	2.69							
165	2.96	3.05	2.98	3.09	3.06	3.10	2.94	2.83	2.92	2.83	2.90	2.84							
170	3.05	3.12	3.06	3.10	3.07	3.15	3.04	2.94	3.02	2.94	3.02	2.94							
175	3.08	3.14	3.09	3.17	3.11	3.17	3.12	3.06	3.11	3.05	3.11	3.06							
180	3.14	3.14	3.12	3.17	3.17	3.17	3.13	3.11	3.16	3.10	3.16	3.16							

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	165.9	165.6	165.3	165.1	164.8	164.6	165.9	165.6	165.3	165.1
3.0	165.6	165.0	164.4	164.2	164.0	164.0	165.7	165.7	165.6	165.5
6.0	164.7	163.8	163.0	162.7	162.6	162.9	164.9	165.2	165.4	165.3
9.0	163.3	162.1	161.0	160.8	160.6	161.3	163.6	164.1	164.6	164.6
12.0	161.3	159.9	158.4	158.2	158.1	159.2	161.6	162.5	163.3	163.3
15.0	158.8	157.1	155.4	155.2	155.0	156.5	159.2	160.3	161.3	161.4
18.0	155.9	153.8	151.7	151.4	151.4	153.1	156.1	157.6	158.9	158.9
21.0	152.3	150.0	147.7	147.0	147.2	149.2	152.3	154.2	155.8	155.9
24.0	148.3	145.7	143.0	142.4	142.5	144.6	148.1	150.2	152.1	152.3
27.0	143.6	140.9	137.9	137.2	137.2	139.5	143.2	145.7	147.7	148.1
30.0	138.4	135.5	132.2	131.4	131.3	134.1	137.8	140.5	142.7	143.3
33.0	132.7	129.7	126.1	125.4	125.1	127.9	132.1	134.7	137.2	137.9
36.0	126.7	123.3	119.7	118.7	118.5	121.4	125.7	128.5	131.0	132.0
39.0	120.3	116.5	112.8	111.6	111.5	114.5	118.8	121.6	124.3	125.4
42.0	113.6	109.7	105.5	104.2	104.1	107.1	111.5	114.2	117.0	118.2
45.0	106.4	102.2	97.98	96.21	96.17	99.56	103.8	106.5	109.3	110.6
48.0	98.95	94.67	90.02	88.11	88.15	91.77	95.77	98.31	101.1	102.4
51.0	91.24	86.83	81.86	79.74	80.01	83.55	87.64	89.92	92.56	93.82
54.0	83.32	78.91	73.68	71.33	71.44	75.48	79.40	81.40	83.68	84.93
57.0	75.17	70.97	65.32	62.81	63.19	67.17	71.16	72.85	74.77	75.70
60.0	66.99	63.00	57.16	54.60	55.10	59.52	63.01	64.22	65.56	66.17
63.0	58.79	55.02	49.19	46.20	46.90	51.61	54.95	56.11	56.42	56.71
66.0	50.60	47.26	41.50	38.30	39.60	44.25	46.91	47.67	47.74	47.25
69.0	42.59	39.57	34.25	30.68	32.62	36.98	38.94	39.95	39.58	38.00
72.0	34.81	32.17	27.40	23.81	26.22	30.00	31.45	32.52	31.76	29.59
75.0	27.26	25.15	21.09	17.72	20.40	23.71	24.56	25.16	24.65	21.78
78.0	20.13	18.52	15.37	12.63	15.17	17.76	18.26	18.64	18.19	15.07
81.0	13.69	12.73	10.36	8.613	10.61	12.45	12.63	12.89	12.43	9.626
84.0	8.200	7.516	6.132	5.580	6.691	8.035	7.761	7.765	7.518	5.545
87.0	3.997	3.823	3.085	3.049	3.668	4.308	3.854	3.635	3.681	2.978
90.0	1.978	1.862	1.747	1.690	1.833	2.068	1.402	1.361	1.182	1.181
93.0	1.662	1.697	1.697	1.780	1.669	1.621	0.8727	0.9076	0.9560	1.315
96.0	1.614	1.697	1.704	1.849	1.704	1.690	0.9145	0.8934	1.025	1.179
99.0	1.614	1.759	1.773	1.933	1.821	1.759	0.9906	0.9555	1.101	1.170
102.0	1.669	1.822	1.863	2.078	1.877	1.836	1.067	1.045	1.185	1.226
105.0	1.724	1.891	1.953	2.182	1.960	1.926	1.150	1.108	1.261	1.495
108.0	1.800	1.960	2.049	2.251	2.050	2.002	1.233	1.177	1.344	1.599
111.0	1.883	2.029	2.092	2.327	2.098	2.071	1.316	1.274	1.413	1.835
114.0	1.953	2.113	2.147	2.369	2.182	2.140	1.406	1.350	1.496	1.835
117.0	2.036	2.175	2.202	2.376	2.250	2.203	1.503	1.433	1.586	1.656
120.0	2.098	2.223	2.258	2.410	2.285	2.272	1.586	1.517	1.656	1.648
123.0	2.161	2.293	2.313	2.466	2.368	2.341	1.683	1.607	1.739	1.710
126.0	2.230	2.362	2.376	2.528	2.417	2.390	1.773	1.710	1.829	1.766
129.0	2.285	2.417	2.451	2.563	2.500	2.466	1.870	1.800	1.905	1.842
132.0	2.375	2.473	2.493	2.611	2.514	2.514	1.974	1.877	2.002	1.932
135.0	2.410	2.528	2.528	2.660	2.590	2.583	2.057	1.981	2.085	2.001
138.0	2.486	2.577	2.604	2.701	2.631	2.639	2.154	2.071	2.168	2.085
141.0	2.542	2.632	2.625	2.743	2.680	2.694	2.231	2.147	2.244	2.175
144.0	2.597	2.687	2.680	2.784	2.715	2.743	2.334	2.251	2.334	2.271
147.0	2.646	2.743	2.708	2.826	2.749	2.812	2.431	2.341	2.424	2.375
150.0	2.715	2.798	2.763	2.874	2.832	2.861	2.521	2.424	2.514	2.438
153.0	2.756	2.847	2.832	2.909	2.846	2.923	2.604	2.500	2.604	2.521
156.0	2.826	2.909	2.840	2.951	2.922	2.964	2.694	2.604	2.687	2.604
159.0	2.874	2.951	2.902	3.006	2.943	3.020	2.777	2.701	2.771	2.701
162.0	2.936	2.999	2.937	3.054	2.978	3.061	2.861	2.770	2.840	2.756
165.0	2.964	3.048	2.978	3.089	3.061	3.103	2.937	2.833	2.916	2.833
168.0	3.026	3.089	3.047	3.096	3.061	3.131	3.006	2.915	2.972	2.909
171.0	3.047	3.117	3.061	3.096	3.089	3.158	3.061	2.950	3.041	2.964
174.0	3.068	3.137	3.068	3.165	3.096	3.165	3.103	3.054	3.096	3.033
177.0	3.082	3.137	3.089	3.172	3.130	3.165	3.137	3.082	3.144	3.061
180.0	3.137	3.137	3.117	3.172	3.165	3.165	3.130	3.110	3.158	3.096
G/C	300.0	330.0								
0.0	164.8	164.6								
3.0	165.1	164.6								
6.0	164.8	164.1								
9.0	164.0	163.0								
12.0	162.6	161.2								
15.0	160.7	159.1								
18.0	158.2	156.3								
21.0	155.2	153.2								
24.0	151.6	149.4								
27.0	147.4	145.1								
30.0	142.6	140.1								

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:

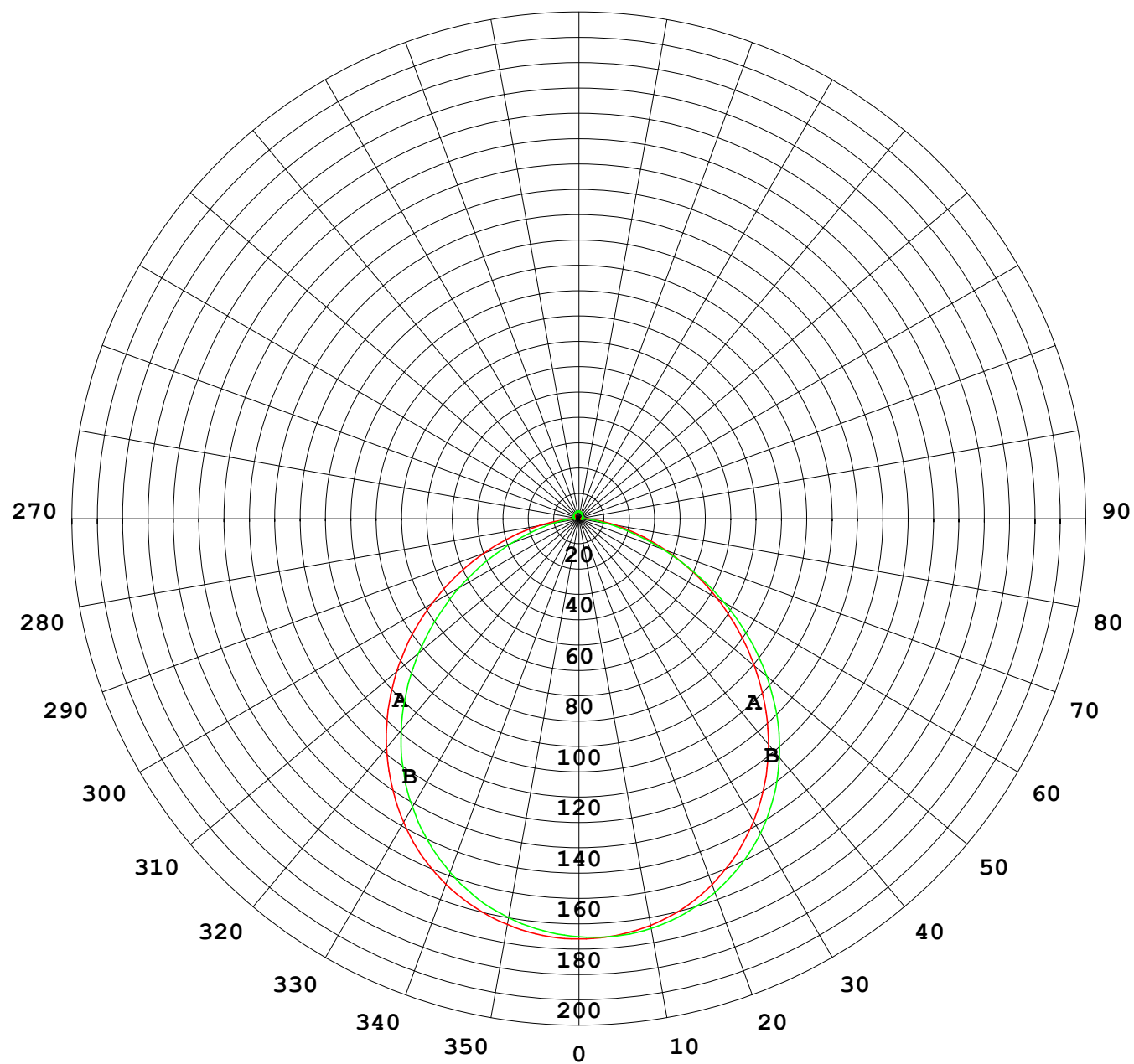
Photometric Data Table [cd]

33.0	137.3	134.6
36.0	131.5	128.7
39.0	125.2	122.2
42.0	118.2	115.4
45.0	110.8	108.3
48.0	102.9	100.6
51.0	94.48	92.76
54.0	85.73	84.86
57.0	76.89	76.48
60.0	67.96	68.00
63.0	58.92	59.75
66.0	50.22	51.22
69.0	41.80	43.20
72.0	33.68	35.19
75.0	26.05	27.34
78.0	19.06	20.04
81.0	12.74	13.69
84.0	7.337	7.746
87.0	3.300	3.503
90.0	1.100	1.299
93.0	0.9835	0.9768
96.0	1.012	0.9696
99.0	1.095	0.9696
102.0	1.178	1.032
105.0	1.261	1.080
108.0	1.344	1.164
111.0	1.420	1.260
114.0	1.496	1.323
117.0	1.579	1.413
120.0	1.656	1.503
123.0	1.739	1.599
126.0	1.815	1.703
129.0	1.898	1.780
132.0	1.988	1.863
135.0	2.071	1.960
138.0	2.161	2.057
141.0	2.231	2.133
144.0	2.327	2.223
147.0	2.417	2.313
150.0	2.501	2.410
153.0	2.584	2.493
156.0	2.667	2.590
159.0	2.750	2.652
162.0	2.826	2.742
165.0	2.895	2.840
168.0	2.971	2.908
171.0	3.027	2.950
174.0	3.082	3.047
177.0	3.138	3.061
180.0	3.158	3.158

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

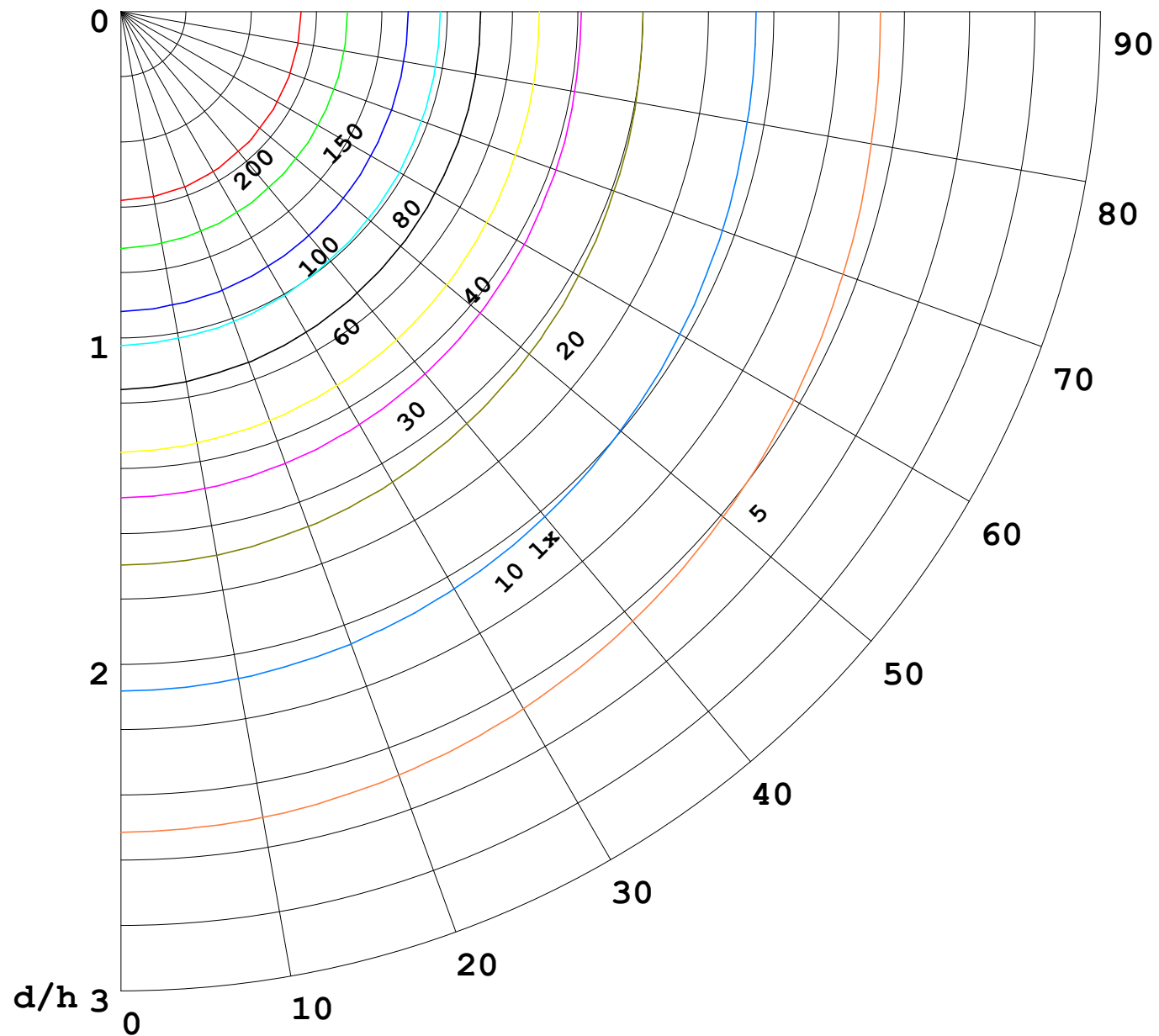
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

