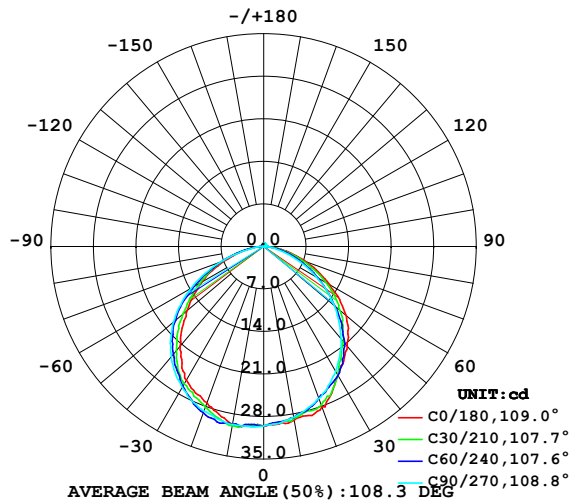


LUMINAIRE PHOTOMETRIC TEST REPORT

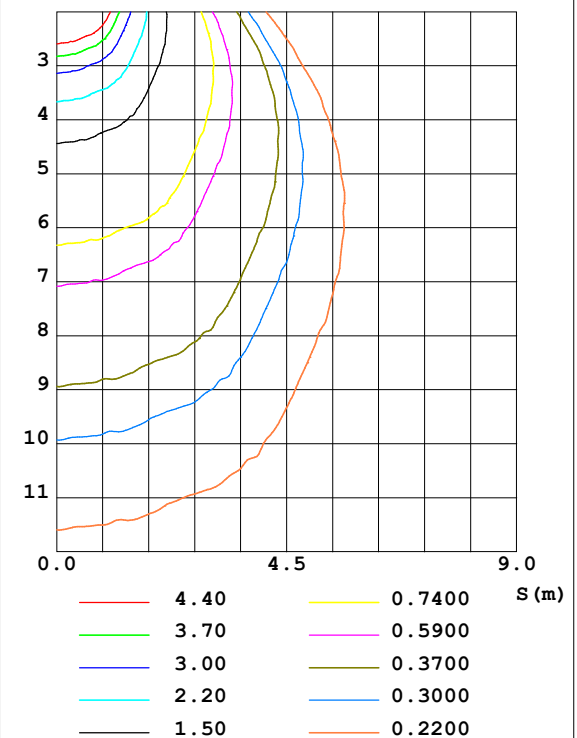
Test:U:24.00V I:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.16 lm/W			
MODEL	5050	I _{max} (cd)	30.06	S/MH (C0/180)	1.23
NOMINAL POWER (W)	4	LOR (%)	102.3	S/MH (C90/270)	1.20
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	83.114	η UP, DN (C0-180)	1.4, 47.2
NOMINAL FLUX (lm)	81.2714	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9, 52.8
LAMPS INSIDE	1	η up (%)	2.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	100.0	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:2022-12-14

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	29.06	28.70	28.55	28.92	29.74	29.81	29.74	29.45	0- 10	2.801	2.801	3.37,3.45
20	28.06	27.17	26.62	27.18	27.36	28.63	28.79	28.69	10- 20	8.098	10.90	13.1,13.4
30	24.45	24.48	23.73	24.31	25.45	26.37	26.81	26.38	20- 30	12.30	23.20	27.9,28.5
40	21.40	20.61	19.83	20.29	21.39	22.73	23.66	23.27	30- 40	14.73	37.93	45.6,46.7
50	17.75	15.85	15.20	15.62	16.52	18.17	19.41	18.72	40- 50	15.02	52.95	63.7,65.2
60	12.55	11.03	10.01	10.44	11.75	12.71	13.82	13.57	50- 60	13.03	65.98	79.4,81.2
70	7.491	6.306	5.135	5.874	6.698	7.351	7.520	8.116	60- 70	9.288	75.27	90.6,92.6
80	2.975	2.396	1.667	2.244	2.427	2.732	2.136	3.154	70- 80	4.805	80.07	96.3,98.5
90	0.3334	0.2565	0.2771	0.2497	0.0969	0.1319	0.1670	0.1837	80- 90	1.234	81.31	97.8,100
100	0.2216	0.2563	0.3324	0.2804	0.1247	0.1108	0.1247	0.1212	90-100	0.2063	81.51	98.1,100
110	0.2216	0.2978	0.3601	0.3117	0.1801	0.1351	0.1247	0.1420	100-110	0.2194	81.73	98.3,101
120	0.2770	0.3290	0.3740	0.3393	0.2287	0.2043	0.1662	0.2009	110-120	0.2434	81.98	98.6,101
130	0.3047	0.3602	0.4225	0.4052	0.2979	0.2424	0.2008	0.2390	120-130	0.2574	82.23	98.9,101
140	0.3943	0.4224	0.4502	0.4259	0.3601	0.3048	0.2770	0.3082	130-140	0.2632	82.50	99.3,102
150	0.4086	0.4363	0.4779	0.4571	0.4088	0.3636	0.3186	0.3636	140-150	0.2410	82.74	99.5,102
160	0.4223	0.4709	0.5056	0.4779	0.4640	0.4260	0.4017	0.4226	150-160	0.1970	82.93	99.8,102
170	0.4987	0.4882	0.5264	0.5195	0.5124	0.4709	0.4502	0.4675	160-170	0.1321	83.07	99.9,102
180	0.5194	0.5264	0.5264	0.5264	0.5056	0.5264	0.5125	0.5229	170-180	0.0480	83.11	100,102
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	146	83
80	171	96
75	197	118
70	219	150
65	235	178
60	251	200
55	267	221
50	276	237
45	277	248

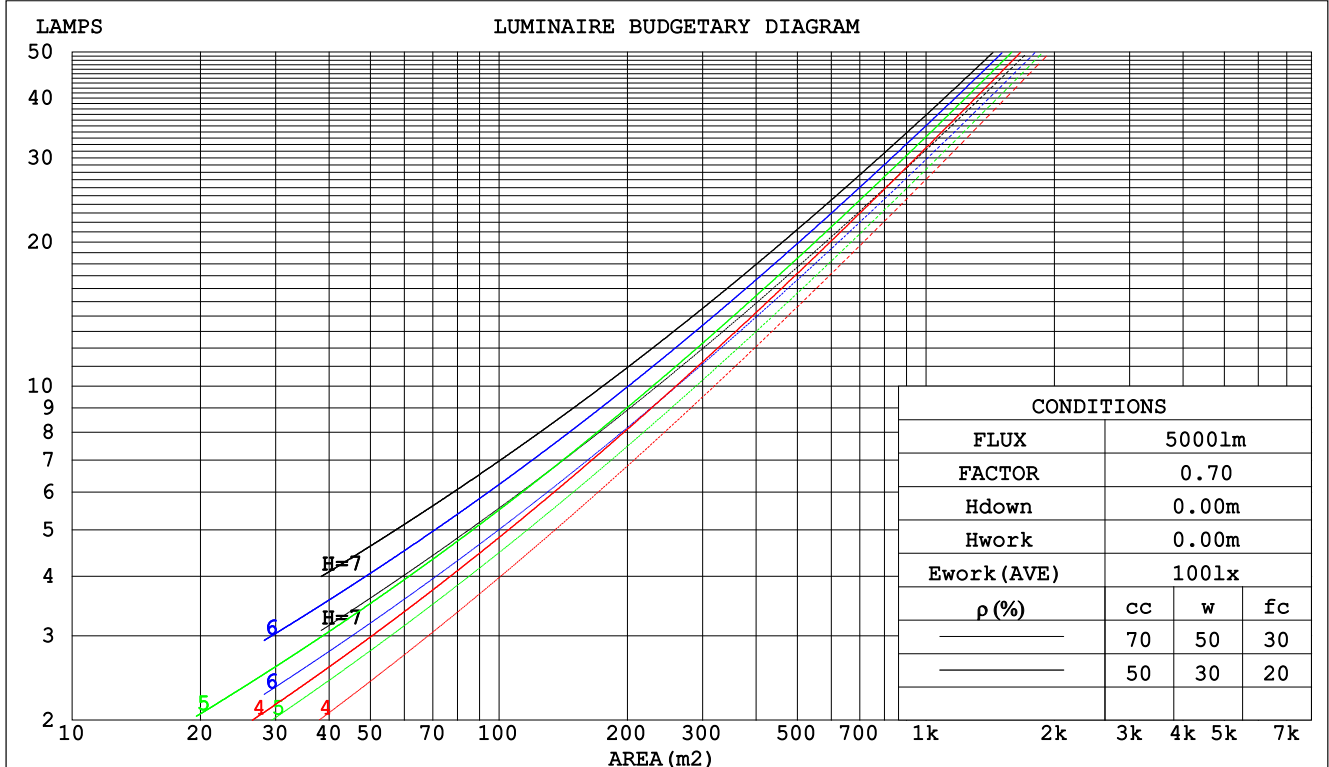
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
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	1.21	1.21	1.21	1.18	1.18	1.18	1.12	1.12	1.12	1.07	1.07	1.07	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.98	1.04	1.00	.97	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.93	.86	.81	.91	.85	.79	.87	.82	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.82	.74	.67	.80	.73	.67	.77	.70	.65	.74	.68	.64	.71	.66	.62	.60
4.0	.73	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.63	.58	.54	.51
5.0	.65	.56	.49	.64	.55	.49	.61	.54	.48	.59	.53	.47	.57	.51	.47	.45
6.0	.59	.50	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.48	.39	.34	.46	.39	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.31	.44	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
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	.304	.173	.055	.296	.169	.054	.281	.161	.051	.267	.154	.049	.255	.148	.048		
2.0	.288	.158	.048	.281	.155	.048	.268	.149	.046	.256	.143	.045	.245	.138	.044		
3.0	.268	.143	.043	.262	.140	.042	.250	.136	.041	.239	.131	.040	.229	.127	.039		
4.0	.248	.129	.038	.243	.127	.038	.232	.123	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.216	.113	.033	.208	.110	.033	.200	.107	.032		
6.0	.214	.107	.031	.210	.106	.030	.202	.103	.030	.194	.101	.030	.187	.098	.029		
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.187	.091	.026	.183	.090	.026	.177	.088	.025	.170	.086	.025	.165	.084	.025		
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.080	.023	.155	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.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	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.201	.177	.156	.172	.152	.134	.117	.104	.093	.068	.060	.054	.022	.019	.017	
2.0	.192	.152	.119	.164	.131	.103	.113	.091	.072	.065	.053	.042	.021	.017	.014	
3.0	.184	.134	.094	.158	.116	.082	.108	.080	.057	.063	.047	.034	.020	.015	.011	
4.0	.176	.120	.078	.151	.104	.068	.104	.073	.048	.060	.043	.028	.019	.014	.009	
5.0	.169	.110	.066	.145	.095	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
6.0	.161	.101	.058	.139	.088	.051	.096	.061	.036	.056	.036	.021	.018	.012	.007	
7.0	.155	.094	.052	.133	.082	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.148	.088	.047	.128	.077	.041	.088	.054	.029	.051	.032	.017	.017	.010	.006	
9.0	.142	.083	.044	.122	.072	.038	.085	.051	.027	.049	.030	.016	.016	.010	.005	
10.0	.136	.079	.041	.118	.069	.036	.082	.048	.025	.048	.029	.015	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2022-12-14

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:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm										
NAME: SP01-24V-5050-60-RGBW-4000K-80-R					TYPE: 硅胶			WEIGHT:		
DIM.: 15mm*7mm					SPEC.:			SERIAL No.:20221221		
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	9.9	7.0	8.5	7.3	8.7	9.0
3H	9.3	10.7	9.6	10.9	11.2	8.1	9.4	8.4	9.7	10.0
4H	9.8	11.1	10.2	11.4	11.7	8.4	9.7	8.7	10.0	10.3
6H	10.2	11.4	10.6	11.7	12.0	8.6	9.8	8.9	10.1	10.4
8H	10.3	11.5	10.7	11.8	12.1	8.6	9.8	9.0	10.1	10.4
12H	10.4	11.5	10.8	11.8	12.2	8.6	9.7	9.0	10.1	10.4
4H 2H	8.3	9.6	8.7	9.9	10.2	7.6	8.9	8.0	9.2	9.5
3H	9.9	11.0	10.3	11.4	11.7	8.9	10.0	9.2	10.3	10.6
4H	10.6	11.6	11.0	11.9	12.3	9.3	10.3	9.7	10.7	11.0
6H	11.0	11.9	11.5	12.3	12.7	9.6	10.5	10.0	10.8	11.3
8H	11.2	12.0	11.6	12.4	12.9	9.6	10.5	10.1	10.9	11.3
12H	11.3	12.1	11.8	12.5	12.9	9.7	10.4	10.1	10.9	11.3
8H 4H	10.7	11.5	11.1	11.9	12.4	9.5	10.4	10.0	10.8	11.2
6H	11.3	12.0	11.8	12.4	12.9	9.9	10.6	10.4	11.1	11.6
8H	11.5	12.1	12.0	12.6	13.1	10.1	10.7	10.6	11.2	11.7
12H	11.7	12.2	12.2	12.7	13.2	10.2	10.7	10.7	11.2	11.7
12H 4H	10.7	11.4	11.1	11.9	12.3	9.6	10.3	10.0	10.7	11.2
6H	11.3	11.9	11.8	12.4	12.9	10.0	10.6	10.5	11.1	11.6
8H	11.6	12.1	12.1	12.6	13.1	10.2	10.7	10.7	11.2	11.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

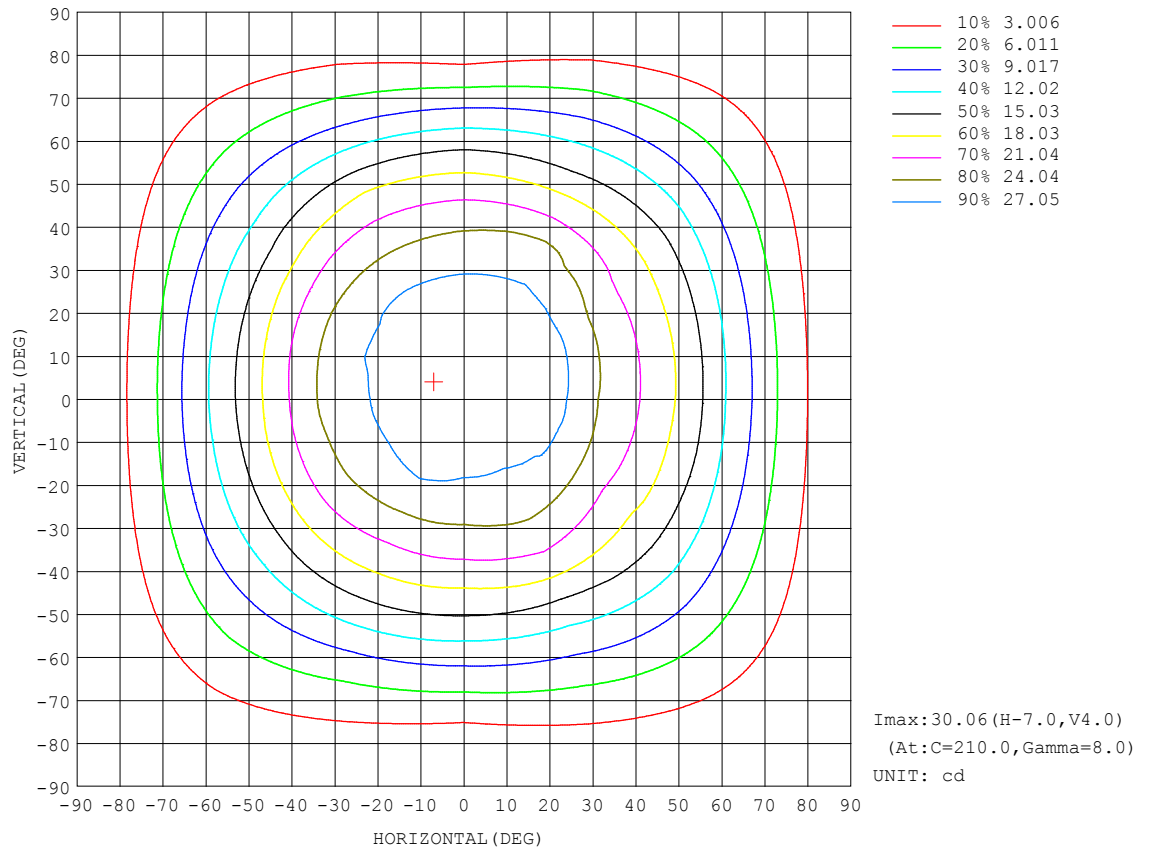
CIE Pub.117 Corrected 81.27 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

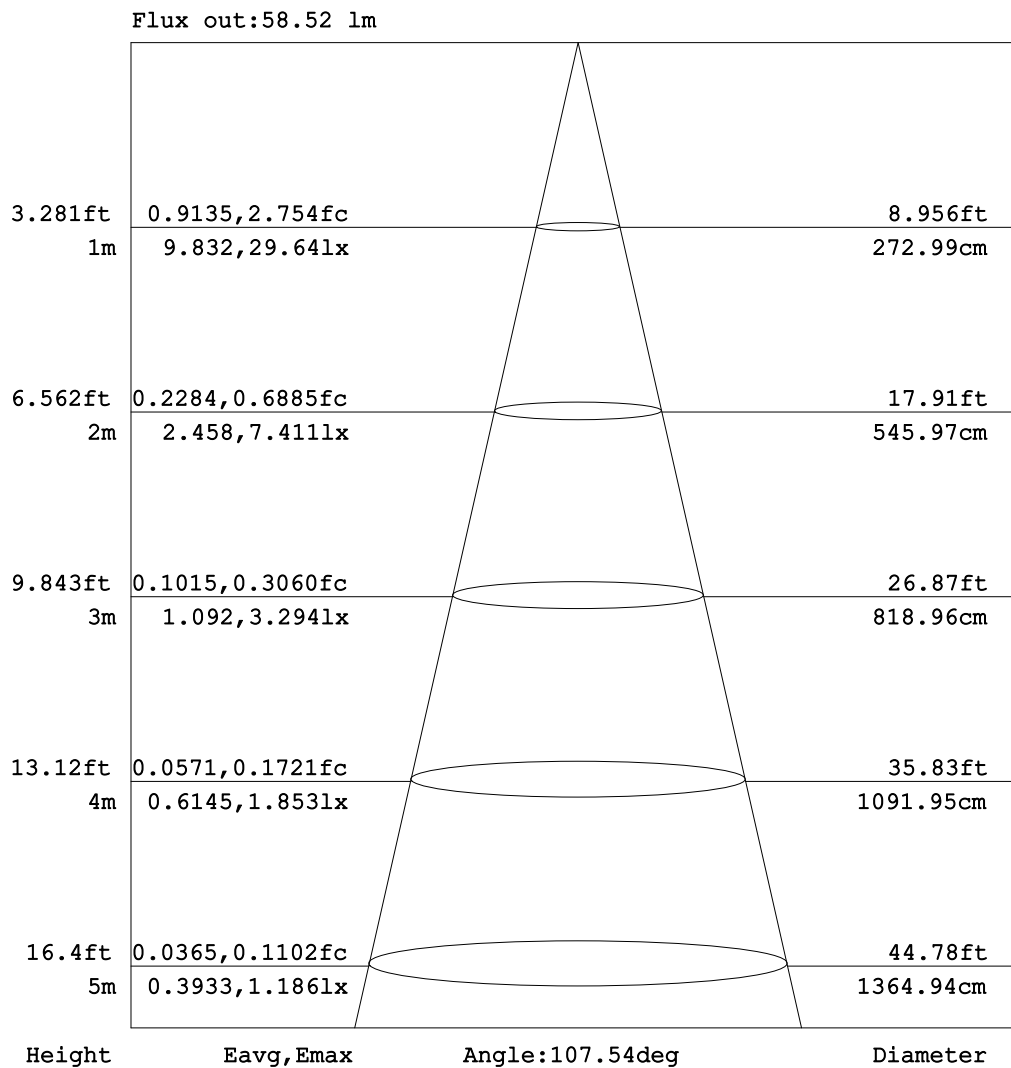


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



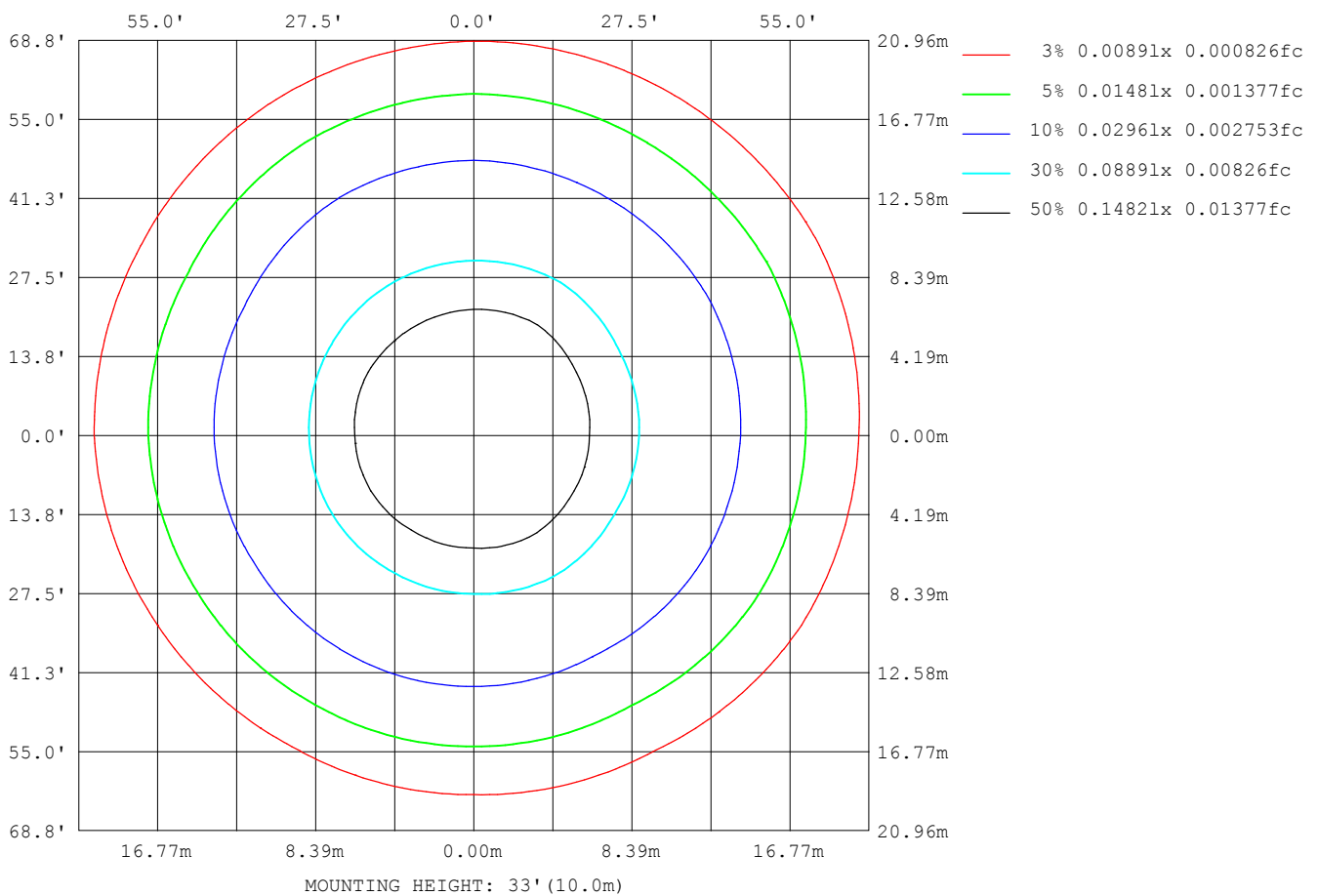
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-14

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

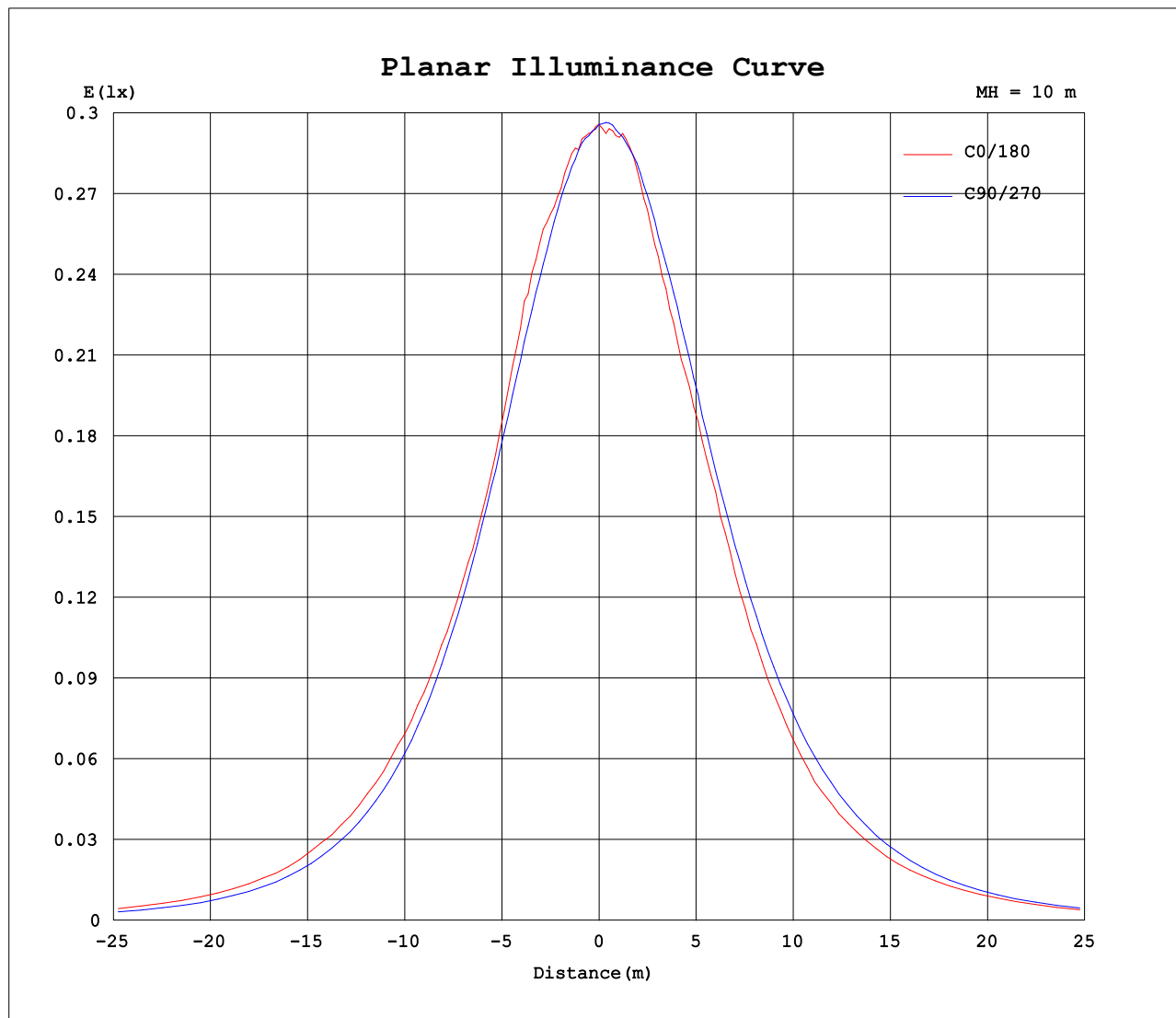
Test:U:24.00V I:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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: 2022-12-14

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:0.1637A P:3.929W PF:1.000 Lamp Flux:81.2714x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
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	29.6	29.5	29.5	29.6	29.6	29.5	29.6	29.5	29.5	29.6	29.6	29.5						
5	29.4	29.2	29.0	29.2	29.0	29.2	29.5	29.4	29.4	29.7	29.5	29.4						
10	29.1	28.8	28.6	28.5	28.6	29.2	29.7	30.0	29.7	29.7	29.5	29.4						
15	28.8	28.1	27.9	27.6	28.3	28.4	28.6	29.2	29.9	29.4	29.4	28.8						
20	28.1	27.8	26.6	26.6	27.3	27.1	27.4	28.2	29.1	28.8	28.5	28.8						
25	26.5	26.5	25.5	25.2	25.7	25.7	26.6	27.2	28.0	28.0	27.8	27.7						
30	24.5	24.5	24.5	23.7	23.9	24.7	25.5	26.2	26.6	26.8	27.0	25.7						
35	23.0	22.2	22.7	21.9	21.9	23.1	23.5	24.7	24.9	25.4	25.9	23.7						
40	21.4	20.3	20.9	19.8	19.9	20.6	21.4	22.4	23.1	23.7	24.4	22.1						
45	19.6	18.5	18.3	17.6	17.7	18.3	19.0	20.0	21.3	21.7	21.7	20.4						
50	17.7	16.4	15.3	15.2	15.4	15.8	16.5	17.4	19.0	19.4	19.2	18.3						
55	15.3	14.4	12.8	12.7	12.9	13.1	14.1	14.8	16.4	16.7	16.3	16.1						
60	12.5	11.8	10.3	10.0	10.1	10.8	11.8	12.1	13.3	13.8	13.5	13.6						
65	9.93	9.26	7.94	7.50	7.68	8.59	9.34	9.71	10.3	10.7	10.8	10.8						
70	7.49	6.82	5.79	5.13	5.41	6.34	6.70	7.28	7.42	7.52	8.21	8.02						
75	5.11	4.53	3.86	3.06	3.58	4.24	4.36	4.77	4.92	4.49	5.56	5.47						
80	2.98	2.61	2.18	1.67	2.08	2.41	2.43	2.70	2.77	2.14	3.14	3.17						
85	1.27	1.03	0.88	0.72	0.94	1.02	0.96	1.08	1.07	0.85	1.21	1.28						
90	0.33	0.24	0.28	0.28	0.28	0.22	0.10	0.16	0.10	0.17	0.15	0.22						
95	0.23	0.25	0.25	0.31	0.26	0.25	0.10	0.09	0.11	0.12	0.11	0.11						
100	0.22	0.26	0.25	0.33	0.29	0.27	0.12	0.09	0.13	0.12	0.13	0.11						
105	0.22	0.28	0.26	0.34	0.30	0.30	0.14	0.09	0.13	0.12	0.15	0.11						
110	0.22	0.30	0.29	0.36	0.30	0.33	0.18	0.10	0.17	0.12	0.17	0.11						
115	0.27	0.34	0.28	0.37	0.30	0.34	0.21	0.17	0.20	0.14	0.20	0.16						
120	0.28	0.35	0.30	0.37	0.31	0.37	0.23	0.18	0.23	0.17	0.22	0.18						
125	0.28	0.37	0.31	0.41	0.35	0.39	0.27	0.18	0.26	0.17	0.25	0.18						
130	0.30	0.39	0.33	0.42	0.40	0.41	0.30	0.20	0.28	0.20	0.28	0.20						
135	0.33	0.41	0.40	0.44	0.40	0.43	0.32	0.26	0.32	0.25	0.30	0.26						
140	0.39	0.44	0.41	0.45	0.40	0.45	0.36	0.27	0.34	0.28	0.34	0.28						
145	0.41	0.44	0.41	0.46	0.42	0.46	0.39	0.29	0.37	0.28	0.37	0.29						
150	0.41	0.46	0.41	0.48	0.43	0.48	0.41	0.33	0.40	0.32	0.40	0.33						
155	0.41	0.48	0.41	0.49	0.44	0.51	0.44	0.38	0.43	0.38	0.40	0.40						
160	0.42	0.50	0.44	0.51	0.44	0.52	0.46	0.39	0.46	0.40	0.45	0.39						
165	0.46	0.51	0.45	0.52	0.47	0.53	0.48	0.41	0.48	0.41	0.48	0.42						
170	0.50	0.52	0.46	0.53	0.51	0.53	0.51	0.43	0.51	0.45	0.51	0.43						
175	0.50	0.52	0.51	0.53	0.51	0.53	0.51	0.50	0.51	0.47	0.52	0.50						
180	0.52	0.53	0.53	0.53	0.53	0.53	0.51	0.53	0.53	0.51	0.52	0.53						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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	29.58	29.54	29.55	29.57	29.56	29.52	29.58	29.54	29.55	29.57
3.0	29.37	29.28	29.06	29.27	29.08	29.30	29.54	29.41	29.35	29.74
6.0	29.11	29.11	28.96	29.09	29.05	29.34	29.58	29.61	29.44	29.71
9.0	29.19	29.09	28.57	28.64	28.67	29.39	29.81	29.98	29.57	29.74
12.0	28.74	28.48	28.14	28.20	28.53	29.00	29.28	29.78	29.70	29.66
15.0	28.79	28.06	27.89	27.63	28.34	28.35	28.59	29.19	29.88	29.40
18.0	28.52	28.14	27.19	27.10	27.66	27.58	27.81	28.58	29.53	28.96
21.0	28.28	27.34	26.23	26.45	27.06	26.77	27.29	27.84	29.02	28.65
24.0	27.01	26.91	25.68	25.62	25.99	26.00	26.68	27.30	28.36	28.18
27.0	25.68	25.66	25.11	24.67	25.20	25.33	26.22	26.68	27.47	27.62
30.0	24.45	24.45	24.51	23.73	23.94	24.69	25.45	26.15	26.58	26.81
33.0	23.39	22.89	23.58	22.60	22.96	23.46	24.42	25.26	25.42	26.00
36.0	22.58	21.76	22.39	21.43	21.74	22.47	23.00	24.13	24.56	25.11
39.0	21.81	20.70	21.17	20.26	20.23	21.29	21.88	22.76	23.48	24.09
42.0	20.69	19.42	19.57	18.91	19.04	19.78	20.50	21.38	22.43	22.94
45.0	19.62	18.50	18.27	17.55	17.71	18.33	18.98	20.03	21.28	21.71
48.0	18.44	17.49	16.57	16.15	16.43	17.06	17.19	18.50	20.09	20.32
51.0	17.19	15.90	14.75	14.69	14.88	15.29	15.92	16.74	18.55	18.84
54.0	15.65	14.71	13.32	13.23	13.35	13.76	14.64	15.17	16.93	17.36
57.0	14.08	13.27	11.79	11.62	11.79	12.21	13.02	13.77	15.03	15.66
60.0	12.55	11.80	10.25	10.01	10.08	10.81	11.75	12.11	13.31	13.82
63.0	10.90	10.34	8.912	8.492	8.608	9.428	10.40	10.64	11.51	12.03
66.0	9.452	8.695	7.512	6.998	7.188	8.107	8.797	9.284	9.641	10.10
69.0	7.936	7.316	6.217	5.592	5.829	6.790	7.238	7.761	8.013	8.192
72.0	6.503	5.869	5.026	4.228	4.652	5.481	5.688	6.245	6.372	6.274
75.0	5.110	4.534	3.855	3.059	3.585	4.243	4.359	4.770	4.920	4.487
78.0	3.779	3.322	2.774	2.124	2.621	3.093	3.141	3.467	3.597	2.899
81.0	2.608	2.255	1.866	1.446	1.817	2.089	2.109	2.316	2.385	1.783
84.0	1.562	1.286	1.097	0.8781	1.131	1.258	1.229	1.347	1.368	1.006
87.0	0.7438	0.5943	0.5282	0.4563	0.5906	0.6012	0.4967	0.5907	0.5866	0.5484
90.0	0.3334	0.2355	0.2775	0.2771	0.2777	0.2217	0.0969	0.1600	0.1039	0.1670
93.0	0.2425	0.2424	0.2493	0.3116	0.2563	0.2425	0.0901	0.0901	0.1040	0.1593
96.0	0.2217	0.2494	0.2493	0.3255	0.2563	0.2563	0.1040	0.0900	0.1178	0.1247
99.0	0.2216	0.2632	0.2493	0.3324	0.2631	0.2770	0.1247	0.0900	0.1247	0.1247
102.0	0.2216	0.2770	0.2493	0.3394	0.3046	0.2909	0.1385	0.0900	0.1316	0.1247
105.0	0.2216	0.2841	0.2630	0.3394	0.2978	0.2979	0.1387	0.0900	0.1318	0.1247
108.0	0.2216	0.2979	0.2769	0.3464	0.2978	0.3117	0.1664	0.0900	0.1664	0.1247
111.0	0.2216	0.3117	0.2840	0.3601	0.2978	0.3393	0.1801	0.1038	0.1801	0.1247
114.0	0.2560	0.3256	0.2840	0.3671	0.2978	0.3394	0.2078	0.1385	0.1940	0.1247
117.0	0.2770	0.3394	0.2840	0.3740	0.2978	0.3601	0.2217	0.1731	0.2148	0.1522
120.0	0.2770	0.3533	0.3047	0.3740	0.3116	0.3671	0.2287	0.1801	0.2286	0.1662
123.0	0.2770	0.3671	0.3117	0.4018	0.3185	0.3810	0.2493	0.1801	0.2493	0.1662
126.0	0.2908	0.3671	0.3185	0.4087	0.3875	0.4018	0.2633	0.1801	0.2632	0.1800
129.0	0.3047	0.3947	0.3325	0.4225	0.3947	0.4086	0.2841	0.2077	0.2771	0.1939
132.0	0.3185	0.4086	0.3600	0.4294	0.4017	0.4155	0.3047	0.2146	0.2910	0.2146
135.0	0.3323	0.4087	0.4017	0.4433	0.4017	0.4295	0.3187	0.2561	0.3187	0.2492
138.0	0.3599	0.4293	0.4154	0.4433	0.4017	0.4365	0.3324	0.2701	0.3256	0.2702
141.0	0.4016	0.4295	0.4086	0.4503	0.4017	0.4503	0.3533	0.2701	0.3533	0.2770
144.0	0.4085	0.4433	0.4086	0.4640	0.4085	0.4572	0.3741	0.2908	0.3602	0.2839
147.0	0.4086	0.4502	0.4086	0.4710	0.4225	0.4710	0.3880	0.3048	0.3810	0.3047
150.0	0.4086	0.4640	0.4086	0.4779	0.4294	0.4848	0.4088	0.3255	0.4018	0.3186
153.0	0.4086	0.4710	0.4086	0.4986	0.4363	0.4986	0.4294	0.3462	0.4157	0.3462
156.0	0.4086	0.4917	0.4086	0.4987	0.4363	0.5056	0.4433	0.3878	0.4365	0.3878
159.0	0.4086	0.4918	0.4293	0.5056	0.4363	0.5057	0.4572	0.3948	0.4571	0.4016
162.0	0.4225	0.4987	0.4433	0.5194	0.4432	0.5194	0.4710	0.3948	0.4641	0.4086
165.0	0.4569	0.5056	0.4502	0.5195	0.4707	0.5264	0.4780	0.4085	0.4848	0.4086
168.0	0.4987	0.5194	0.4502	0.5264	0.4847	0.5264	0.4987	0.4155	0.4987	0.4361
171.0	0.4987	0.5194	0.4708	0.5265	0.5125	0.5264	0.5056	0.4913	0.5056	0.4502
174.0	0.4987	0.5194	0.4917	0.5333	0.5125	0.5264	0.5056	0.4987	0.5057	0.4777
177.0	0.4987	0.5194	0.5264	0.5333	0.5125	0.5264	0.4987	0.4987	0.5332	0.4710
180.0	0.5194	0.5264	0.5264	0.5264	0.5264	0.5264	0.5056	0.5264	0.5264	0.5125
G/C	300.0	330.0								
0.0	29.56	29.52								
3.0	29.41	29.41								
6.0	29.45	29.48								
9.0	29.54	29.64								
12.0	29.40	29.04								
15.0	29.36	28.85								
18.0	28.85	29.14								
21.0	28.42	28.59								
24.0	27.94	28.14								
27.0	27.48	26.88								
30.0	27.04	25.73								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2022-12-14

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:

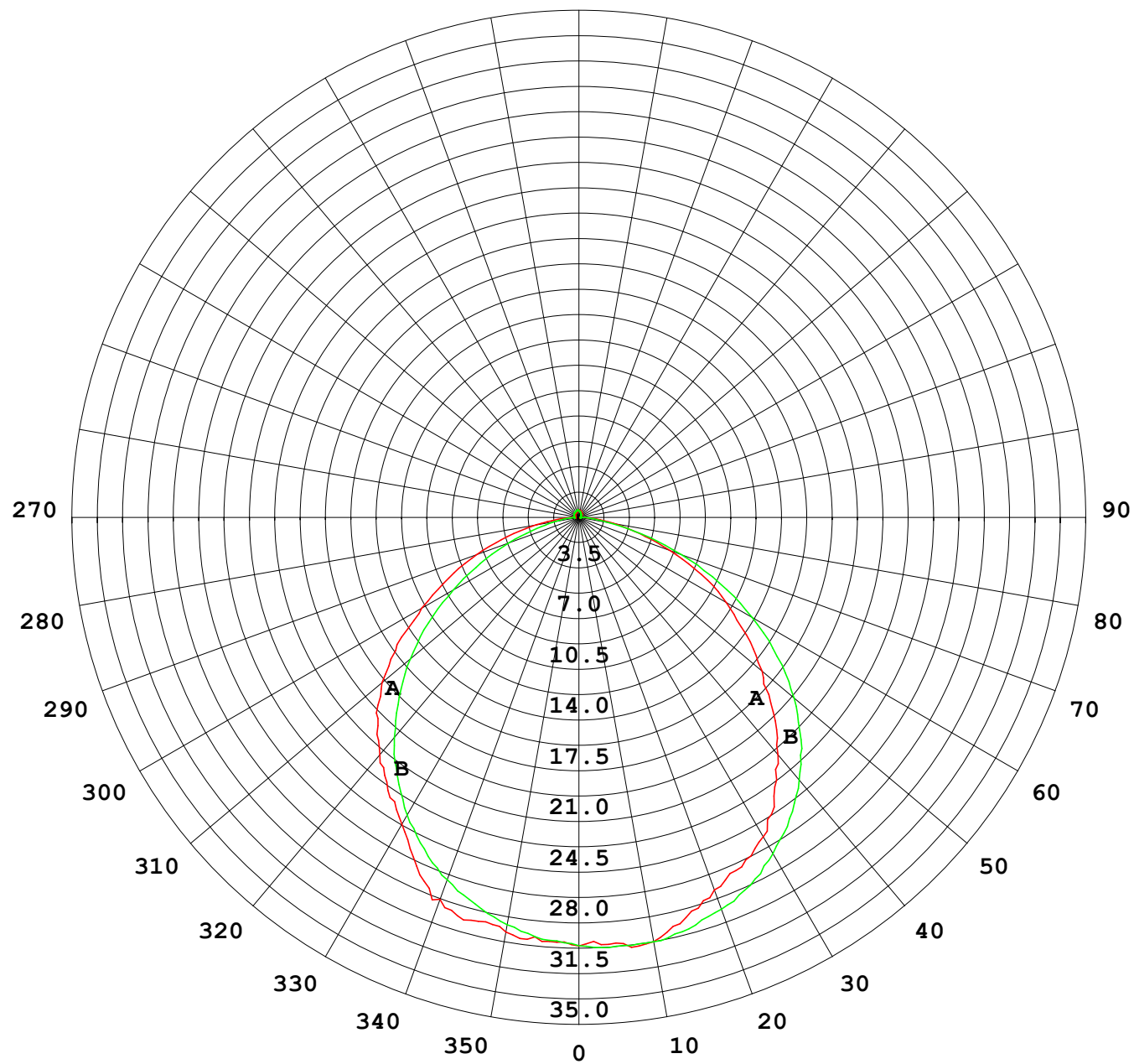
Photometric Data Table [cd]

33.0	26.58	24.50
36.0	25.75	23.36
39.0	24.65	22.47
42.0	23.18	21.29
45.0	21.67	20.36
48.0	20.07	19.14
51.0	18.52	18.01
54.0	16.69	16.61
57.0	14.99	15.27
60.0	13.51	13.64
63.0	12.03	11.93
66.0	10.27	10.27
69.0	8.741	8.599
72.0	7.127	6.959
75.0	5.556	5.469
78.0	4.109	4.042
81.0	2.717	2.753
84.0	1.534	1.603
87.0	0.6418	0.7089
90.0	0.1451	0.2224
93.0	0.1108	0.1178
96.0	0.1178	0.1108
99.0	0.1316	0.1108
102.0	0.1387	0.1108
105.0	0.1525	0.1108
108.0	0.1732	0.1108
111.0	0.1802	0.1108
114.0	0.1940	0.1523
117.0	0.2079	0.1800
120.0	0.2218	0.1801
123.0	0.2493	0.1801
126.0	0.2632	0.1801
129.0	0.2839	0.2009
132.0	0.2910	0.2146
135.0	0.3049	0.2561
138.0	0.3256	0.2770
141.0	0.3464	0.2770
144.0	0.3602	0.2908
147.0	0.3810	0.3116
150.0	0.4017	0.3255
153.0	0.4017	0.3599
156.0	0.4016	0.3948
159.0	0.4502	0.3948
162.0	0.4641	0.4223
165.0	0.4849	0.4155
168.0	0.4918	0.4225
171.0	0.5057	0.4294
174.0	0.5194	0.4501
177.0	0.5194	0.5194
180.0	0.5194	0.5264

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-14

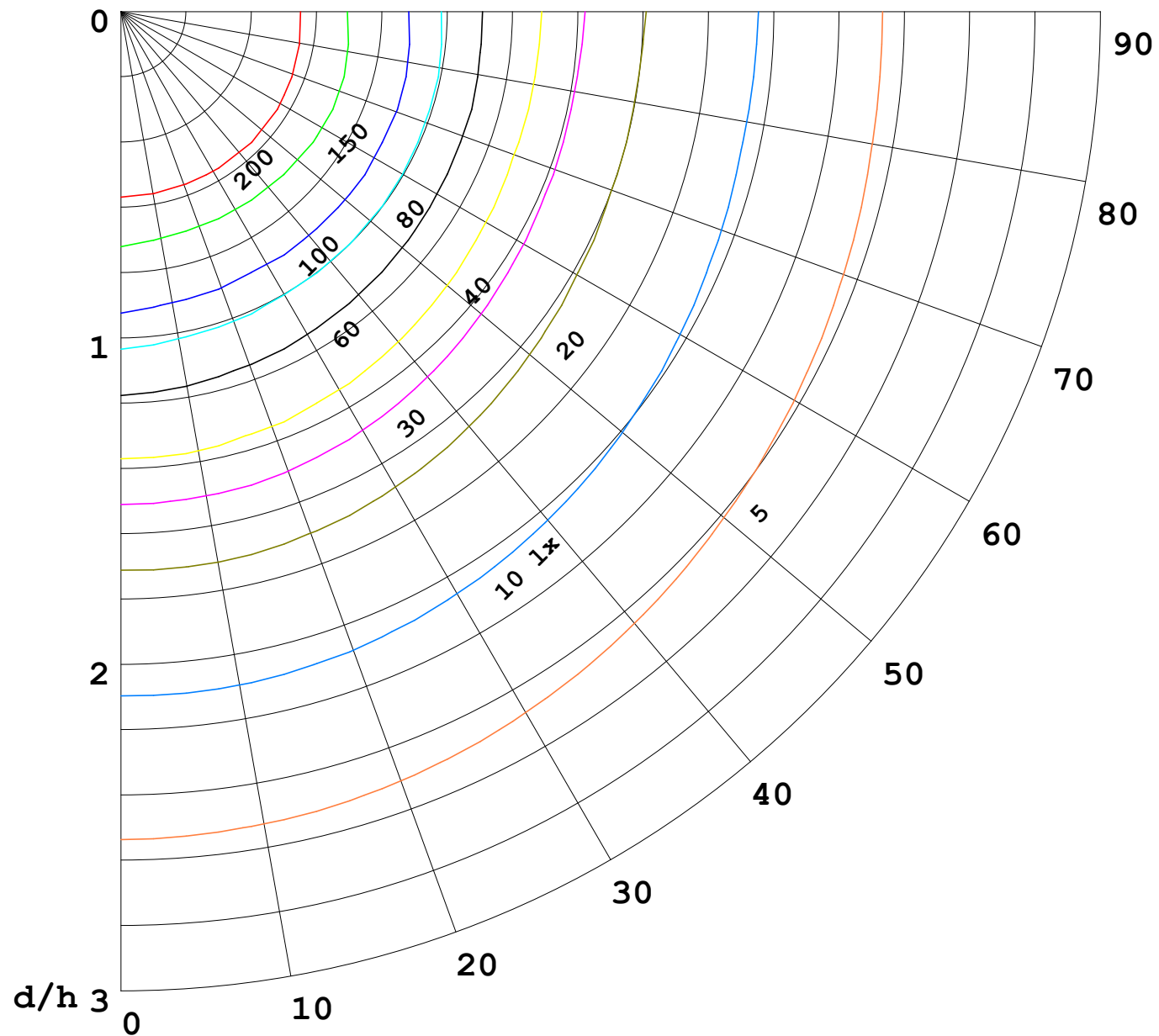
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

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

