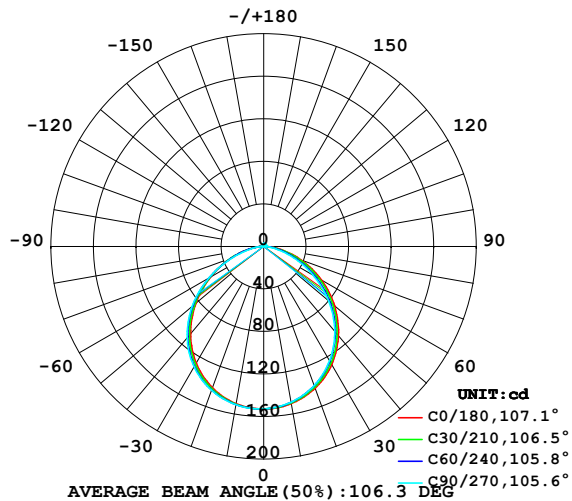


LUMINAIRE PHOTOMETRIC TEST REPORT

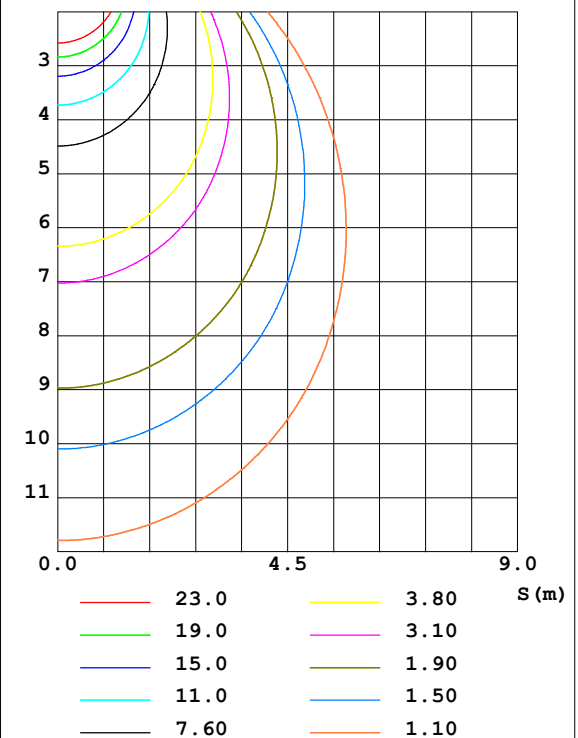
Test:U:24.00V I:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.55 lm/W			
MODEL	5050	I _{max} (cd)	152.9	S/MH (C0/180)	1.24
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	416.86	η UP, DN (C0-180)	1.6, 47.7
NOMINAL FLUX (lm)	416.857	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 49.6
LAMPS INSIDE	1	η up (%)	2.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



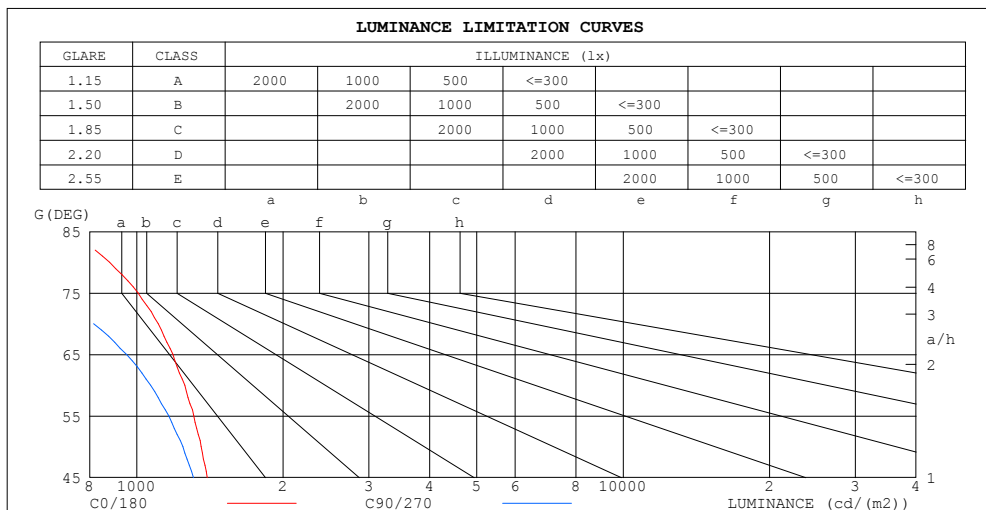
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-14

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	150.1	149.2	148.7	149.0	150.1	150.8	151.1	150.7	0- 10	14.45	14.45	3.47,3.47
20	141.8	140.0	139.2	139.6	141.3	143.0	143.8	143.2	10- 20	41.31	55.76	13.4,13.4
30	128.1	125.6	123.9	124.5	126.8	129.4	130.9	130.3	20- 30	62.26	118.0	28.3,28.3
40	109.3	106.2	104.1	104.5	107.1	110.0	112.0	111.9	30- 40	74.00	192.0	46.1,46.1
50	87.24	82.92	79.95	80.30	83.23	85.83	87.99	88.79	40- 50	74.56	266.6	63.9,63.9
60	62.74	57.76	53.39	54.49	57.84	58.94	60.00	62.73	50- 60	63.97	330.5	79.3,79.3
70	37.84	33.34	27.88	30.72	32.94	33.32	31.25	36.52	60- 70	45.08	375.6	90.1,90.1
80	15.28	12.80	9.249	11.97	12.52	12.62	10.30	14.14	70- 80	23.49	399.1	95.7,95.7
90	1.895	1.652	1.559	1.584	0.9675	1.060	1.159	1.268	80- 90	6.383	405.5	97.3,97.3
100	1.482	1.586	1.828	1.628	0.9284	0.9282	0.9904	0.9420	90-100	1.356	406.9	97.6,97.6
110	1.703	1.821	1.967	1.863	1.185	1.177	1.157	1.153	100-110	1.472	408.3	98,98
120	1.939	2.036	2.147	2.088	1.455	1.427	1.392	1.406	110-120	1.607	409.9	98.3,98.3
130	2.140	2.202	2.327	2.272	1.753	1.707	1.648	1.683	120-130	1.657	411.6	98.7,98.7
140	2.306	2.379	2.473	2.434	2.051	1.995	1.939	1.971	130-140	1.609	413.2	99.1,99.1
150	2.493	2.542	2.625	2.618	2.327	2.292	2.216	2.258	140-150	1.447	414.6	99.5,99.5
160	2.652	2.722	2.777	2.760	2.591	2.549	2.500	2.528	150-160	1.168	415.8	99.8,99.8
170	2.833	2.847	2.867	2.864	2.805	2.757	2.715	2.753	160-170	0.7708	416.6	99.9,99.9
180	2.860	2.871	2.860	2.878	2.860	2.864	2.860	2.878	170-180	0.2707	416.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	750	488
80	880	533
75	1006	668
70	1106	815
65	1187	953
60	1255	1068
55	1310	1164
50	1357	1244
45	1395	1307

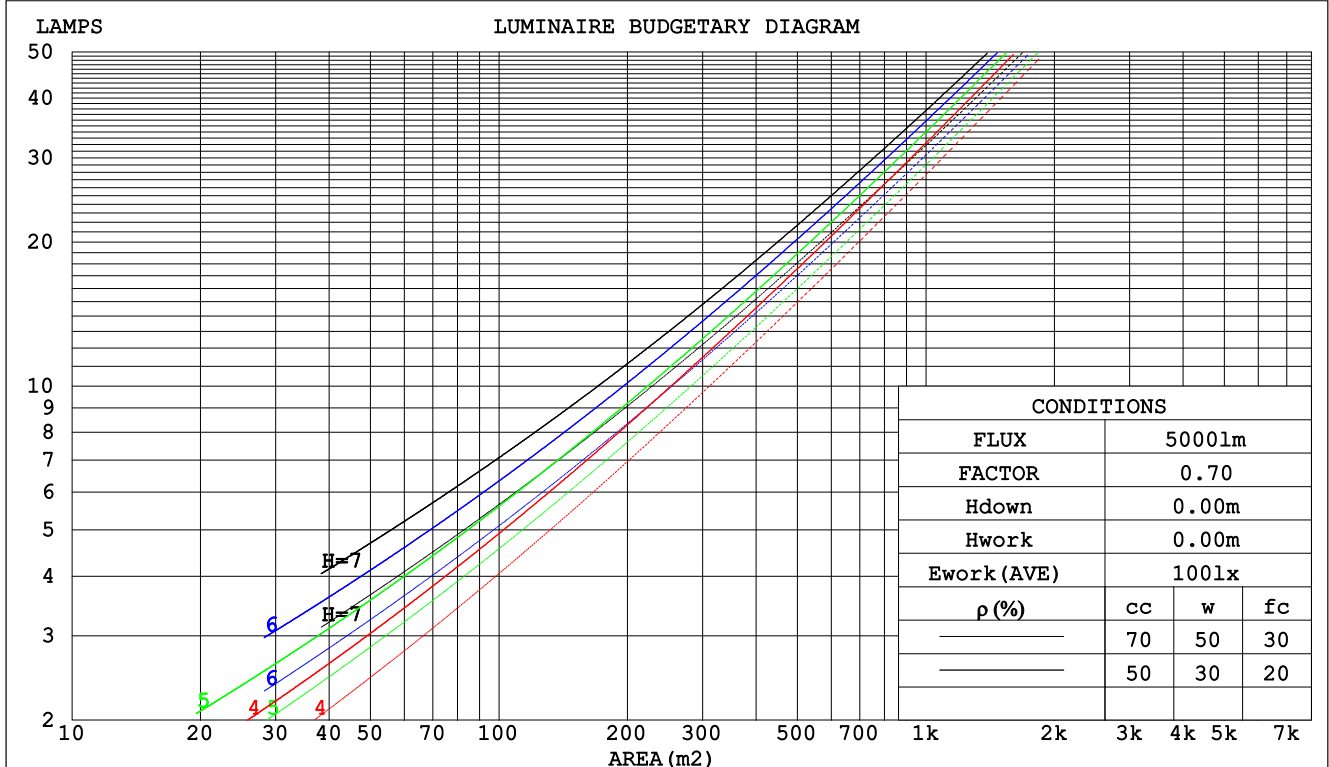
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.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	.49	.42	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.48	.39	.34	.47	.39	.33	.45	.38	.33	.44	.37	.33	.42	.37	.32	.30
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.37	.31	.27	.36	.31	.27	.25



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

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:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	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	.295	.168	.053	.287	.164	.052	.273	.156	.050	.259	.149	.048	.247	.143	.046	
2.0	.280	.153	.047	.273	.150	.046	.260	.144	.045	.248	.139	.043	.237	.134	.042	
3.0	.260	.138	.041	.254	.136	.041	.242	.131	.040	.232	.127	.039	.222	.123	.038	
4.0	.241	.125	.037	.236	.123	.036	.225	.120	.036	.216	.116	.035	.207	.112	.034	
5.0	.224	.114	.033	.219	.112	.033	.210	.109	.032	.201	.106	.032	.193	.103	.031	
6.0	.208	.104	.030	.204	.103	.030	.196	.100	.029	.188	.098	.029	.181	.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	.172	.086	.024	.165	.084	.024	.159	.082	.024	
9.0	.171	.083	.023	.167	.082	.023	.161	.080	.023	.156	.078	.022	.150	.076	.022	
10.0	.161	.077	.021	.158	.076	.021	.152	.075	.021	.147	.073	.021	.142	.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	.211	.211	.211	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.200	.177	.156	.171	.152	.135	.117	.105	.093	.067	.061	.054	.022	.019	.018	
2.0	.192	.153	.121	.164	.132	.104	.113	.091	.073	.065	.053	.043	.021	.017	.014	
3.0	.184	.135	.097	.158	.117	.084	.108	.081	.059	.062	.047	.035	.020	.015	.011	
4.0	.176	.122	.081	.151	.105	.070	.104	.074	.049	.060	.043	.029	.019	.014	.010	
5.0	.169	.112	.069	.145	.097	.060	.100	.068	.043	.058	.040	.025	.019	.013	.008	
6.0	.162	.103	.061	.139	.089	.053	.096	.063	.038	.056	.037	.022	.018	.012	.007	
7.0	.155	.096	.055	.133	.084	.048	.092	.059	.034	.054	.035	.020	.017	.011	.007	
8.0	.149	.091	.051	.128	.079	.044	.089	.055	.031	.052	.033	.019	.017	.011	.006	
9.0	.143	.086	.047	.123	.074	.041	.085	.052	.029	.050	.031	.017	.016	.010	.006	
10.0	.137	.081	.044	.118	.071	.039	.082	.050	.027	.048	.029	.016	.016	.010	.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:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm											
NAME: SP01-24V-5050-60-RGBW-4000K-80-W					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	13.6	15.0	13.9	15.3	15.5	13.0	14.4	13.3	14.7	14.9	
	3H	15.0	16.3	15.3	16.6	16.9	14.1	15.4	14.4	15.7	16.0
	4H	15.5	16.8	15.9	17.1	17.4	14.4	15.7	14.8	16.0	16.3
	6H	15.9	17.1	16.3	17.4	17.8	14.6	15.8	15.0	16.1	16.5
	8H	16.0	17.2	16.4	17.5	17.9	14.7	15.8	15.1	16.1	16.5
	12H	16.1	17.2	16.5	17.5	17.9	14.7	15.8	15.1	16.1	16.5
4H	2H	14.0	15.3	14.4	15.6	15.9	13.6	14.8	13.9	15.1	15.4
	3H	15.6	16.7	16.0	17.1	17.4	14.8	15.9	15.2	16.3	16.6
	4H	16.3	17.3	16.7	17.7	18.1	15.3	16.3	15.7	16.7	17.1
	6H	16.8	17.7	17.3	18.1	18.5	15.6	16.5	16.0	16.9	17.3
	8H	17.0	17.8	17.4	18.2	18.7	15.7	16.5	16.1	16.9	17.4
	12H	17.1	17.8	17.6	18.3	18.7	15.7	16.5	16.2	16.9	17.4
8H	4H	16.5	17.3	16.9	17.7	18.2	15.6	16.4	16.0	16.8	17.2
	6H	17.1	17.8	17.6	18.2	18.7	16.0	16.7	16.5	17.1	17.6
	8H	17.3	17.9	17.8	18.4	18.9	16.1	16.7	16.6	17.2	17.7
	12H	17.5	18.0	18.0	18.5	19.1	16.2	16.8	16.8	17.3	17.8
12H	4H	16.5	17.2	16.9	17.6	18.1	15.6	16.3	16.0	16.8	17.2
	6H	17.1	17.7	17.6	18.2	18.7	16.0	16.6	16.5	17.1	17.6
	8H	17.4	17.9	17.9	18.4	18.9	16.2	16.7	16.7	17.2	17.8
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 416.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.0)

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

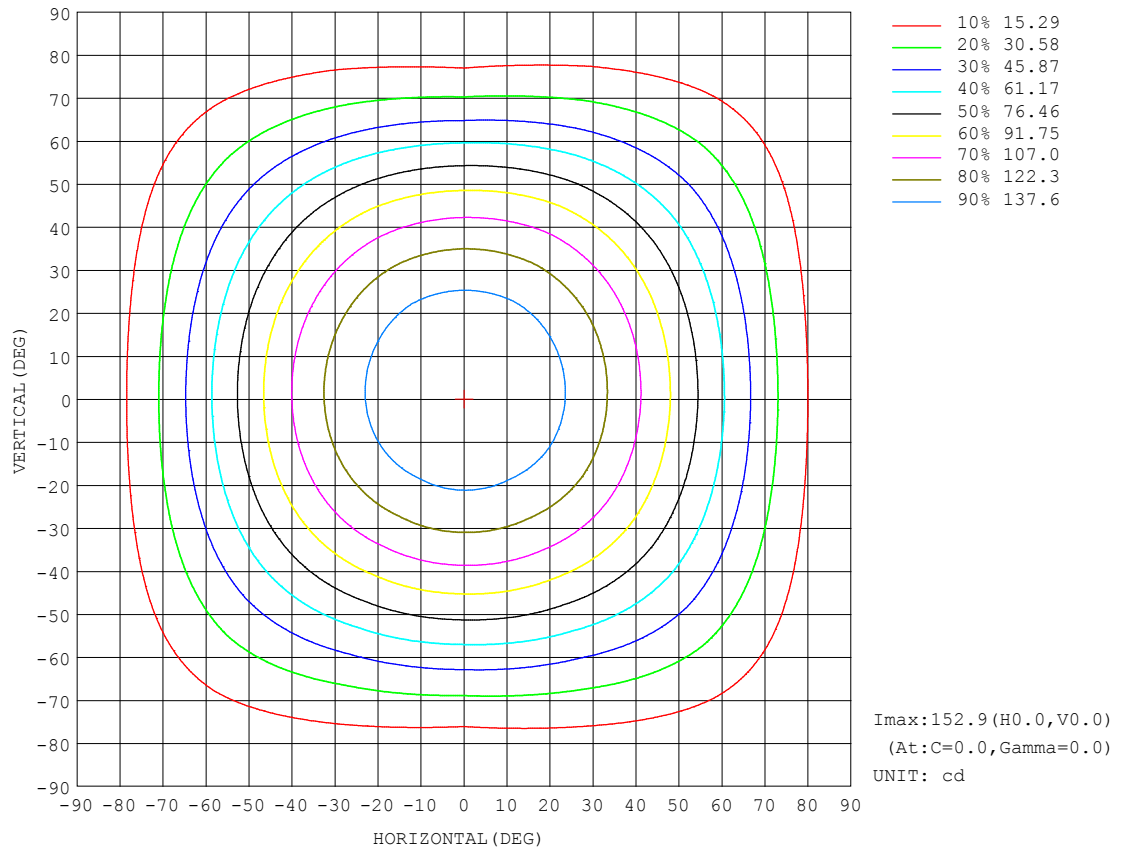
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	57	47	40	56	46	40	33
0.80	68	57	50	67	56	50	65	55	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	87	78
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:2022-12-14

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:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

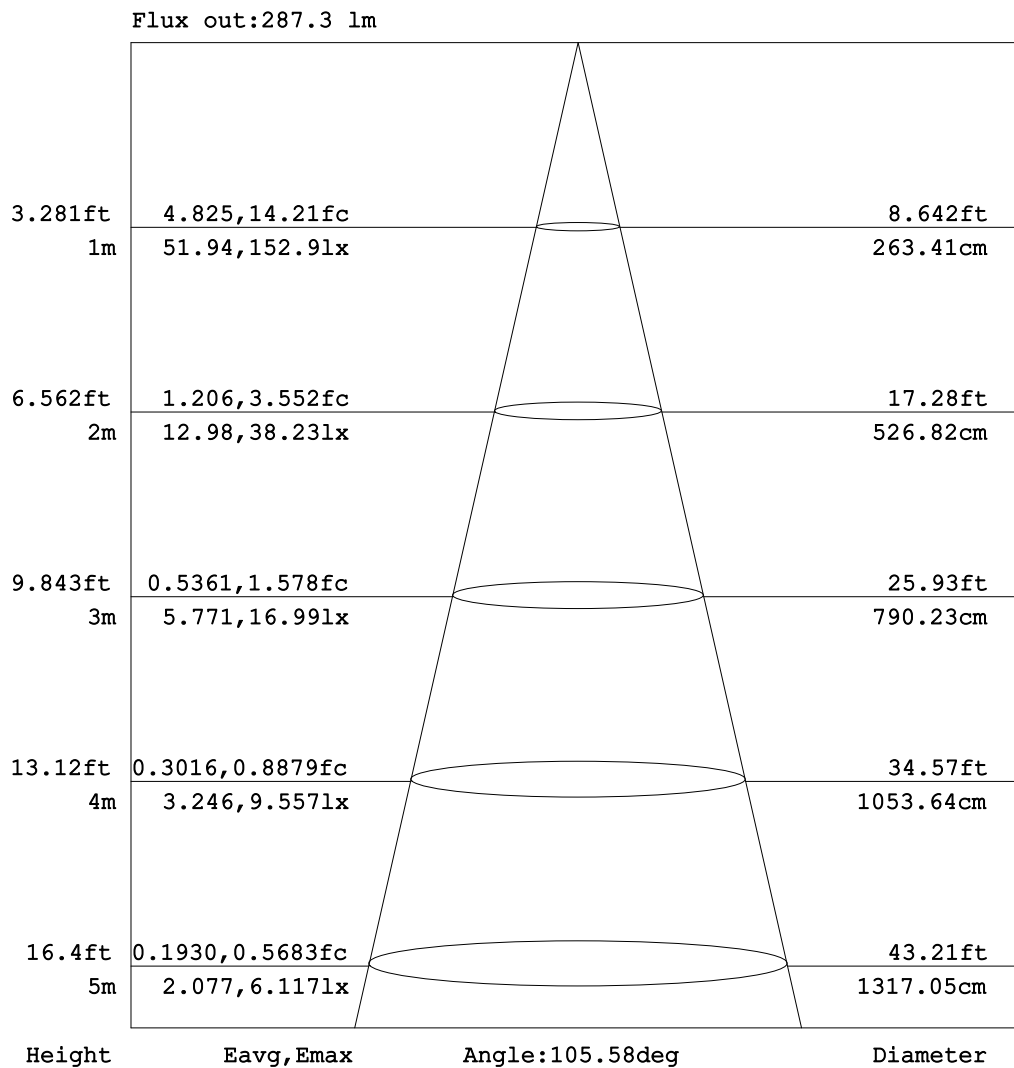


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



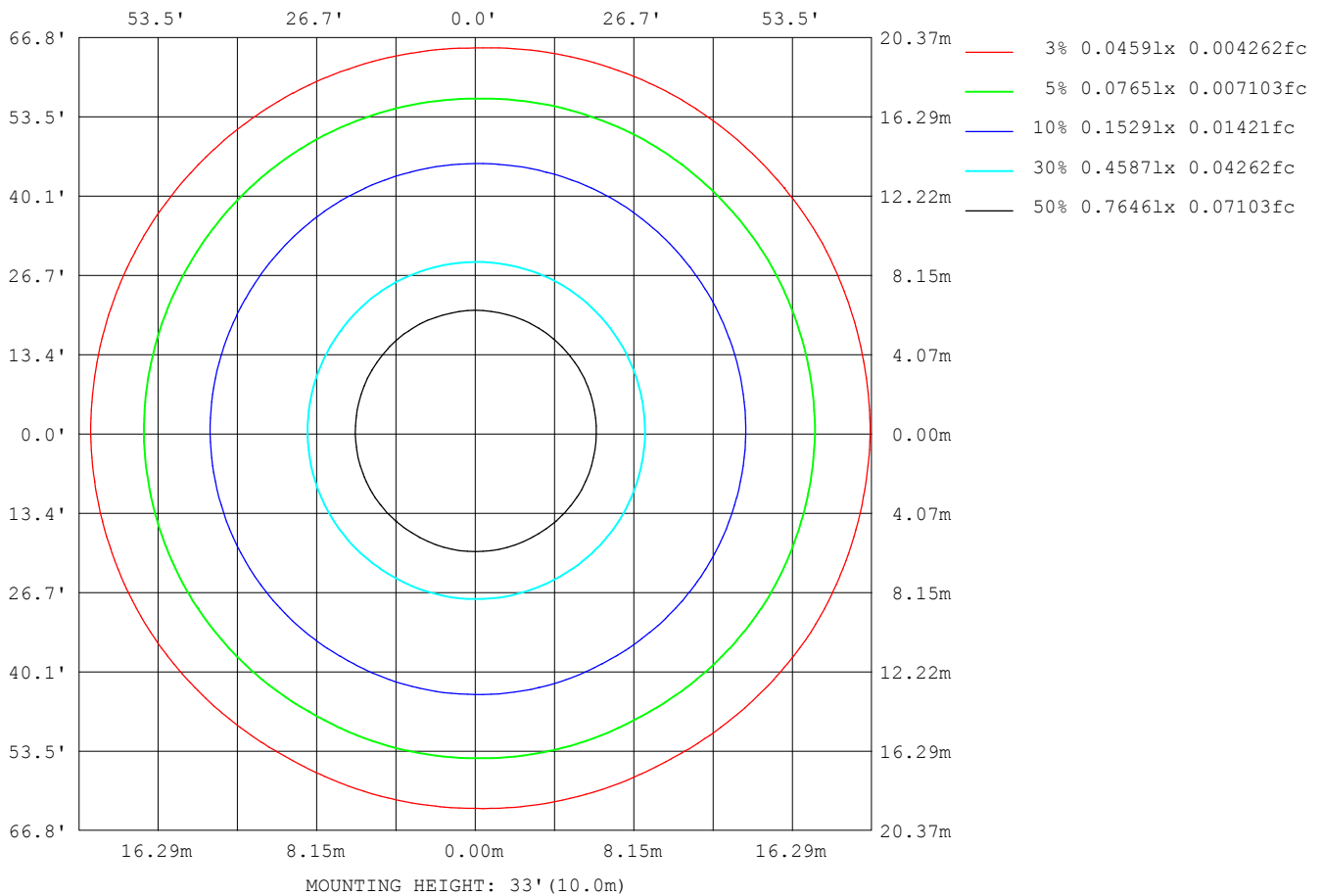
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

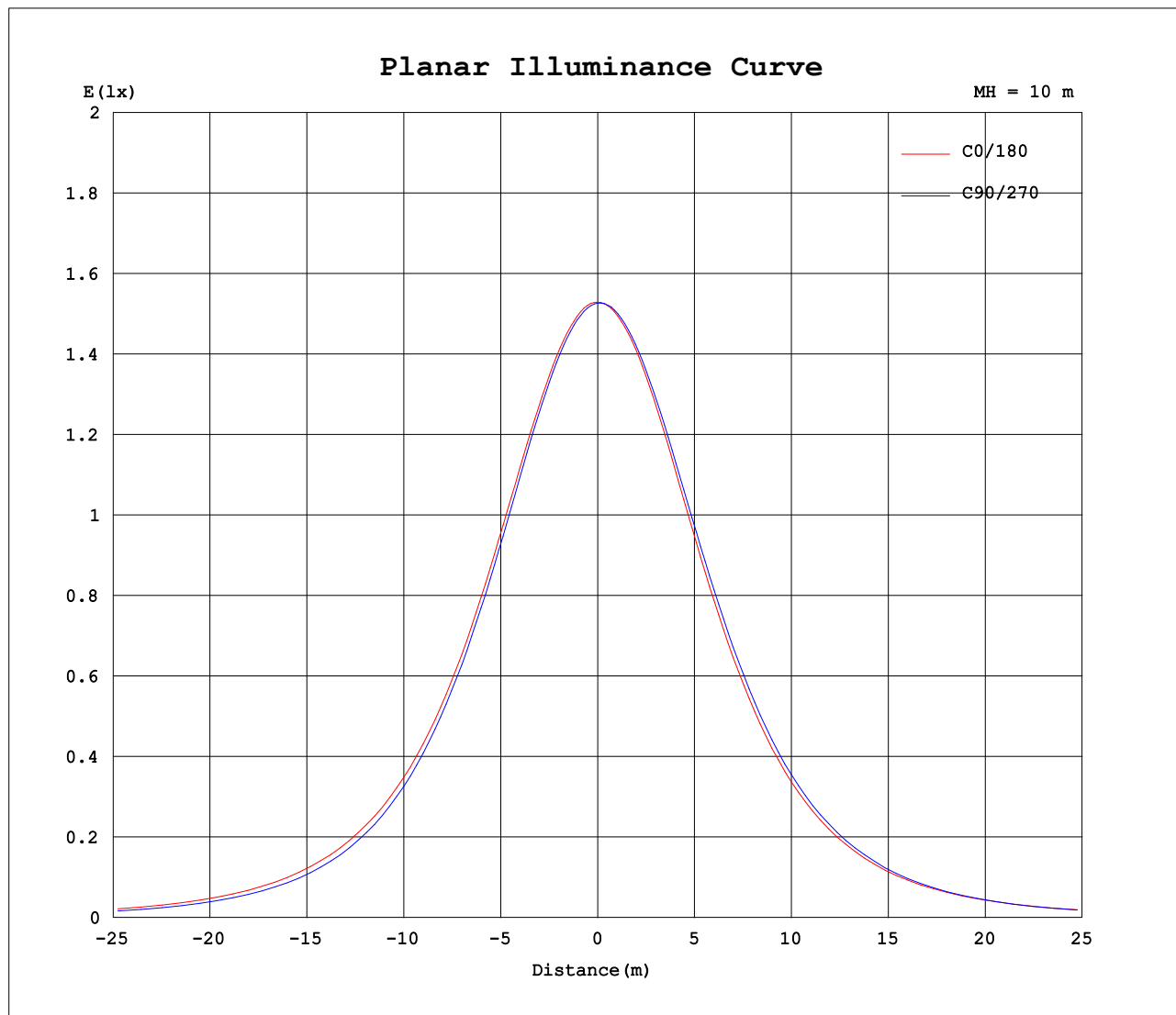
Test:U:24.00V I:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



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:0.2330A P:5.592W PF:1.000 Lamp Flux:416.857x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-W	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	153	153	153	153	153	153	153	153	153	153	153	153						
5	152	152	151	151	151	152	152	152	153	153	152	152						
10	150	150	149	149	149	149	150	151	151	151	151	150						
15	147	146	145	145	145	145	146	147	148	148	148	147						
20	142	141	139	139	139	140	141	142	144	144	144	143						
25	136	134	133	132	132	133	135	136	138	138	138	137						
30	128	127	125	124	124	125	127	128	130	131	131	130						
35	119	118	115	115	114	116	118	119	121	122	122	121						
40	109	107	105	104	104	105	107	109	111	112	113	111						
45	98.7	96.4	93.6	92.4	91.9	93.7	95.5	97.2	99.7	101	102	100						
50	87.2	84.6	81.3	79.9	79.4	81.2	83.2	84.6	87.1	88.0	89.4	88.2						
55	75.1	72.5	68.4	66.7	66.2	68.5	70.5	71.5	73.5	74.3	76.1	75.9						
60	62.7	60.2	55.3	53.4	53.1	55.9	57.8	58.4	59.5	60.0	62.3	63.2						
65	50.2	47.8	42.7	40.3	40.5	43.8	45.2	45.7	45.7	45.2	48.5	50.3						
70	37.8	35.8	30.9	27.9	29.1	32.3	32.9	33.7	33.0	31.2	35.4	37.6						
75	26.0	24.4	20.5	17.3	19.4	21.8	21.9	22.5	21.7	19.0	23.5	25.7						
80	15.3	14.0	11.6	9.25	11.2	12.7	12.5	12.9	12.4	10.3	13.4	14.9						
85	6.54	5.99	4.78	4.25	5.01	5.68	5.20	5.23	5.38	4.42	5.53	5.98						
90	1.89	1.73	1.57	1.56	1.58	1.59	0.97	1.06	1.06	1.16	1.24	1.30						
95	1.47	1.49	1.50	1.79	1.52	1.51	0.82	0.81	0.90	0.99	0.93	0.88						
100	1.48	1.58	1.59	1.83	1.63	1.63	0.93	0.87	0.98	0.99	1.00	0.88						
105	1.58	1.69	1.71	1.87	1.78	1.75	1.06	1.00	1.10	1.05	1.10	0.98						
110	1.70	1.81	1.84	1.97	1.86	1.86	1.18	1.14	1.22	1.16	1.21	1.10						
115	1.81	1.91	1.94	2.07	1.97	1.98	1.33	1.27	1.33	1.27	1.32	1.25						
120	1.94	2.03	2.04	2.15	2.08	2.10	1.45	1.39	1.46	1.39	1.44	1.37						
125	2.04	2.13	2.11	2.24	2.17	2.20	1.61	1.53	1.59	1.50	1.58	1.50						
130	2.14	2.21	2.20	2.33	2.27	2.27	1.75	1.68	1.73	1.65	1.72	1.64						
135	2.21	2.31	2.28	2.40	2.33	2.37	1.91	1.83	1.87	1.81	1.86	1.79						
140	2.31	2.39	2.37	2.47	2.40	2.47	2.05	1.96	2.03	1.94	2.01	1.93						
145	2.40	2.48	2.43	2.54	2.49	2.56	2.20	2.09	2.17	2.09	2.15	2.08						
150	2.49	2.57	2.51	2.63	2.60	2.64	2.33	2.27	2.31	2.22	2.29	2.23						
155	2.60	2.66	2.60	2.71	2.65	2.72	2.47	2.38	2.45	2.38	2.42	2.38						
160	2.65	2.74	2.71	2.78	2.72	2.80	2.59	2.51	2.58	2.50	2.56	2.49						
165	2.74	2.81	2.74	2.85	2.83	2.87	2.71	2.62	2.69	2.62	2.68	2.62						
170	2.83	2.87	2.83	2.87	2.84	2.89	2.81	2.72	2.79	2.71	2.79	2.71						
175	2.84	2.87	2.84	2.87	2.86	2.89	2.86	2.84	2.87	2.83	2.87	2.83						
180	2.86	2.87	2.87	2.86	2.87	2.89	2.86	2.85	2.88	2.86	2.89	2.87						

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	152.9	152.8	152.8	152.7	152.7	152.6	152.9	152.8	152.8	152.7
3.0	152.7	152.4	152.1	152.1	152.1	152.2	152.6	152.8	152.8	152.8
6.0	151.9	151.5	151.1	151.0	150.9	151.3	151.9	152.2	152.4	152.5
9.0	150.6	150.1	149.5	149.4	149.3	149.9	150.6	151.1	151.4	151.6
12.0	148.9	148.2	147.4	147.3	147.2	147.9	148.8	149.4	150.0	150.1
15.0	146.6	145.8	144.8	144.6	144.6	145.5	146.5	147.2	148.0	148.2
18.0	143.8	142.8	141.7	141.6	141.4	142.5	143.6	144.5	145.6	145.8
21.0	140.6	139.5	138.0	137.8	137.7	138.9	140.1	141.2	142.6	142.8
24.0	137.1	135.8	134.0	133.8	133.6	134.8	136.2	137.4	139.1	139.4
27.0	132.9	131.5	129.6	129.1	129.0	130.3	131.7	133.3	134.9	135.3
30.0	128.1	126.6	124.5	123.9	123.8	125.3	126.8	128.4	130.3	130.9
33.0	122.9	121.5	119.1	118.6	118.3	119.8	121.4	123.0	125.2	126.0
36.0	117.3	115.7	113.3	112.6	112.3	113.9	115.6	117.3	119.5	120.3
39.0	111.4	109.5	107.1	106.2	105.8	107.5	109.3	111.0	113.3	114.1
42.0	105.3	103.1	100.5	99.60	99.01	100.9	102.6	104.2	106.7	107.6
45.0	98.68	96.42	93.62	92.43	91.95	93.69	95.52	97.21	99.66	100.6
48.0	91.78	89.40	86.32	84.85	84.47	86.42	88.24	89.74	92.24	93.01
51.0	84.93	82.25	78.77	77.31	76.78	78.83	80.66	81.99	84.43	85.22
54.0	77.45	74.80	71.02	69.36	68.89	71.11	72.97	74.24	76.27	77.27
57.0	70.08	67.57	63.18	61.26	60.95	63.45	65.41	66.22	67.90	68.35
60.0	62.74	60.20	55.32	53.39	53.10	55.89	57.84	58.40	59.48	60.00
63.0	54.93	52.65	47.64	45.53	45.40	48.46	50.18	50.89	51.11	50.81
66.0	47.64	45.32	40.25	37.59	38.10	41.38	42.73	43.31	43.07	42.29
69.0	40.29	38.15	33.21	30.35	31.30	34.48	35.29	35.96	35.39	33.99
72.0	33.08	31.04	26.62	23.62	25.04	27.89	28.29	29.10	28.21	26.05
75.0	26.03	24.40	20.49	17.29	19.39	21.82	21.91	22.51	21.75	19.03
78.0	19.40	18.00	14.89	12.17	14.27	16.14	16.12	16.46	15.91	13.52
81.0	13.30	12.22	10.01	7.970	9.815	11.08	10.88	11.11	10.79	8.910
84.0	8.047	7.349	5.889	5.117	6.040	6.907	6.481	6.545	6.599	5.406
87.0	3.866	3.629	2.912	2.808	3.203	3.546	2.921	2.974	3.239	2.826
90.0	1.895	1.730	1.575	1.559	1.576	1.592	0.9675	1.056	1.064	1.159
93.0	1.483	1.482	1.496	1.745	1.510	1.462	0.7690	0.8103	0.8660	1.005
96.0	1.468	1.503	1.503	1.801	1.537	1.524	0.8382	0.8240	0.9214	0.9904
99.0	1.468	1.558	1.579	1.828	1.607	1.600	0.9075	0.8518	0.9835	0.9904
102.0	1.523	1.628	1.627	1.828	1.710	1.676	0.9769	0.9624	1.039	0.9904
105.0	1.579	1.690	1.711	1.870	1.779	1.752	1.060	0.9972	1.101	1.046
108.0	1.641	1.753	1.773	1.926	1.835	1.815	1.136	1.067	1.178	1.108
111.0	1.711	1.822	1.849	1.988	1.918	1.891	1.219	1.170	1.240	1.170
114.0	1.780	1.891	1.932	2.043	1.960	1.960	1.296	1.274	1.302	1.253
117.0	1.856	1.967	1.974	2.106	2.008	2.029	1.379	1.309	1.372	1.302
120.0	1.939	2.029	2.043	2.147	2.078	2.099	1.455	1.392	1.461	1.392
123.0	1.994	2.085	2.085	2.196	2.133	2.154	1.559	1.489	1.545	1.440
126.0	2.057	2.140	2.147	2.258	2.175	2.203	1.635	1.565	1.628	1.530
129.0	2.098	2.196	2.175	2.306	2.250	2.258	1.725	1.648	1.704	1.607
132.0	2.161	2.251	2.237	2.355	2.285	2.320	1.822	1.724	1.787	1.710
135.0	2.209	2.306	2.278	2.397	2.327	2.369	1.912	1.828	1.870	1.807
138.0	2.272	2.355	2.320	2.452	2.389	2.424	1.995	1.918	1.960	1.877
141.0	2.334	2.417	2.382	2.487	2.417	2.487	2.092	2.001	2.057	1.967
144.0	2.389	2.466	2.410	2.528	2.479	2.535	2.168	2.078	2.147	2.057
147.0	2.431	2.521	2.479	2.570	2.521	2.590	2.244	2.161	2.223	2.147
150.0	2.493	2.570	2.514	2.625	2.597	2.639	2.327	2.271	2.313	2.216
153.0	2.542	2.618	2.562	2.660	2.618	2.694	2.404	2.320	2.404	2.299
156.0	2.597	2.680	2.604	2.722	2.687	2.736	2.487	2.410	2.487	2.389
159.0	2.639	2.722	2.653	2.764	2.722	2.798	2.563	2.507	2.556	2.486
162.0	2.708	2.764	2.715	2.805	2.749	2.826	2.639	2.583	2.639	2.548
165.0	2.736	2.812	2.742	2.847	2.825	2.867	2.708	2.625	2.694	2.625
168.0	2.791	2.847	2.784	2.867	2.840	2.888	2.777	2.694	2.764	2.708
171.0	2.826	2.881	2.833	2.867	2.840	2.888	2.833	2.729	2.812	2.742
174.0	2.840	2.874	2.840	2.867	2.860	2.888	2.860	2.818	2.854	2.805
177.0	2.846	2.874	2.847	2.867	2.867	2.888	2.860	2.846	2.881	2.826
180.0	2.860	2.867	2.874	2.860	2.867	2.888	2.860	2.847	2.881	2.860
G/C	300.0	330.0								
0.0	152.7	152.6								
3.0	152.7	152.6								
6.0	152.3	152.0								
9.0	151.4	151.0								
12.0	150.0	149.3								
15.0	148.0	147.2								
18.0	145.7	144.6								
21.0	142.7	141.6								
24.0	139.3	138.1								
27.0	135.3	134.2								
30.0	130.9	129.7								

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:

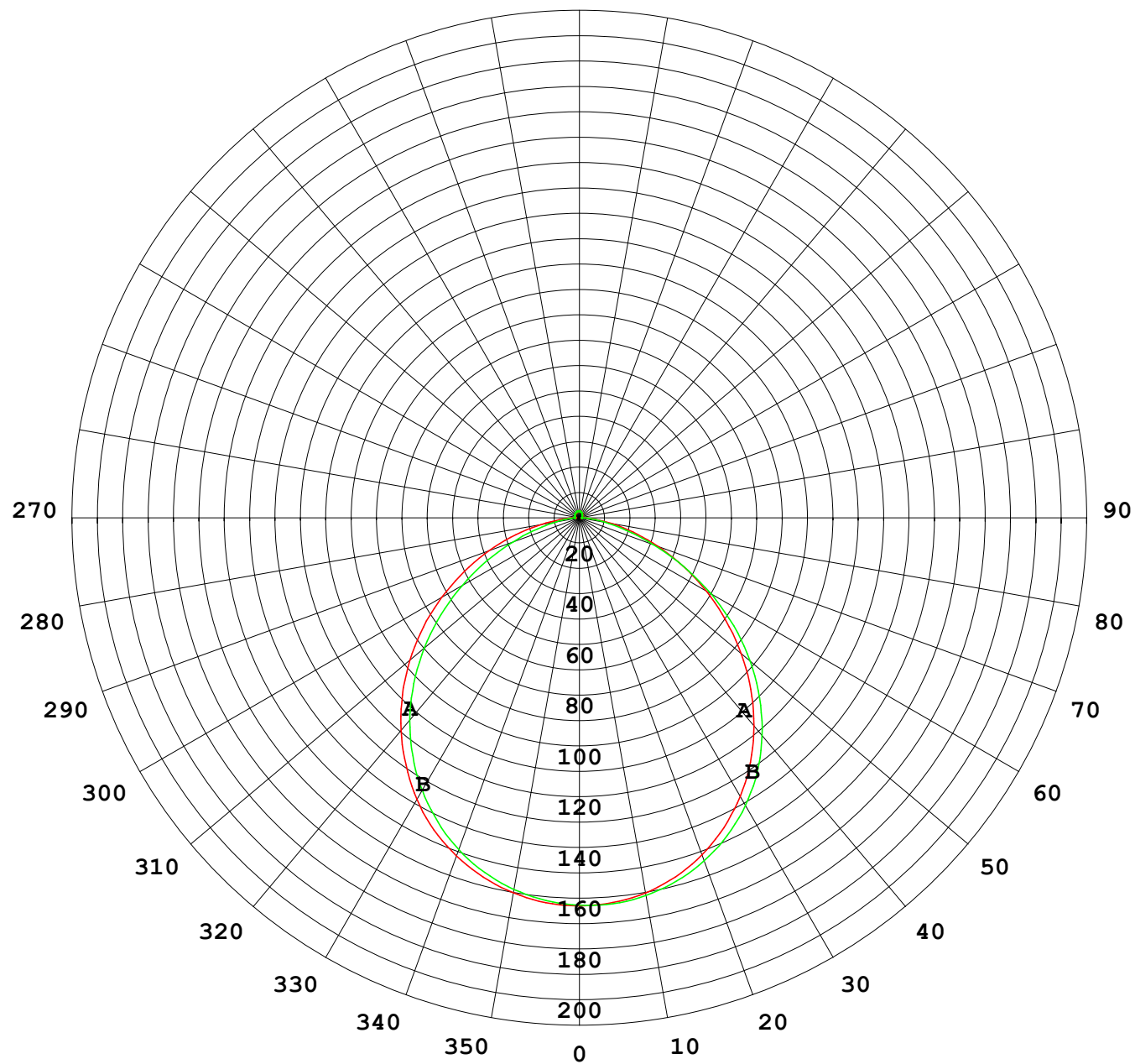
Photometric Data Table [cd]

33.0	125.9	124.6
36.0	120.5	119.1
39.0	114.7	113.1
42.0	108.3	106.8
45.0	101.6	100.1
48.0	94.36	93.02
51.0	86.81	85.79
54.0	78.80	78.47
57.0	70.58	70.91
60.0	62.31	63.16
63.0	53.95	55.67
66.0	45.79	47.83
69.0	37.90	40.17
72.0	30.45	33.06
75.0	23.54	25.68
78.0	17.21	19.24
81.0	11.58	12.97
84.0	6.895	7.560
87.0	3.356	3.480
90.0	1.238	1.299
93.0	0.9349	0.9007
96.0	0.9352	0.8796
99.0	0.9905	0.8796
102.0	1.039	0.9417
105.0	1.102	0.9833
108.0	1.171	1.060
111.0	1.233	1.142
114.0	1.295	1.198
117.0	1.365	1.295
120.0	1.441	1.371
123.0	1.517	1.440
126.0	1.607	1.530
129.0	1.697	1.614
132.0	1.773	1.710
135.0	1.857	1.794
138.0	1.953	1.877
141.0	2.037	1.960
144.0	2.127	2.057
147.0	2.203	2.140
150.0	2.286	2.230
153.0	2.369	2.292
156.0	2.459	2.382
159.0	2.528	2.472
162.0	2.611	2.535
165.0	2.681	2.618
168.0	2.750	2.687
171.0	2.798	2.736
174.0	2.861	2.805
177.0	2.888	2.826
180.0	2.888	2.867

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

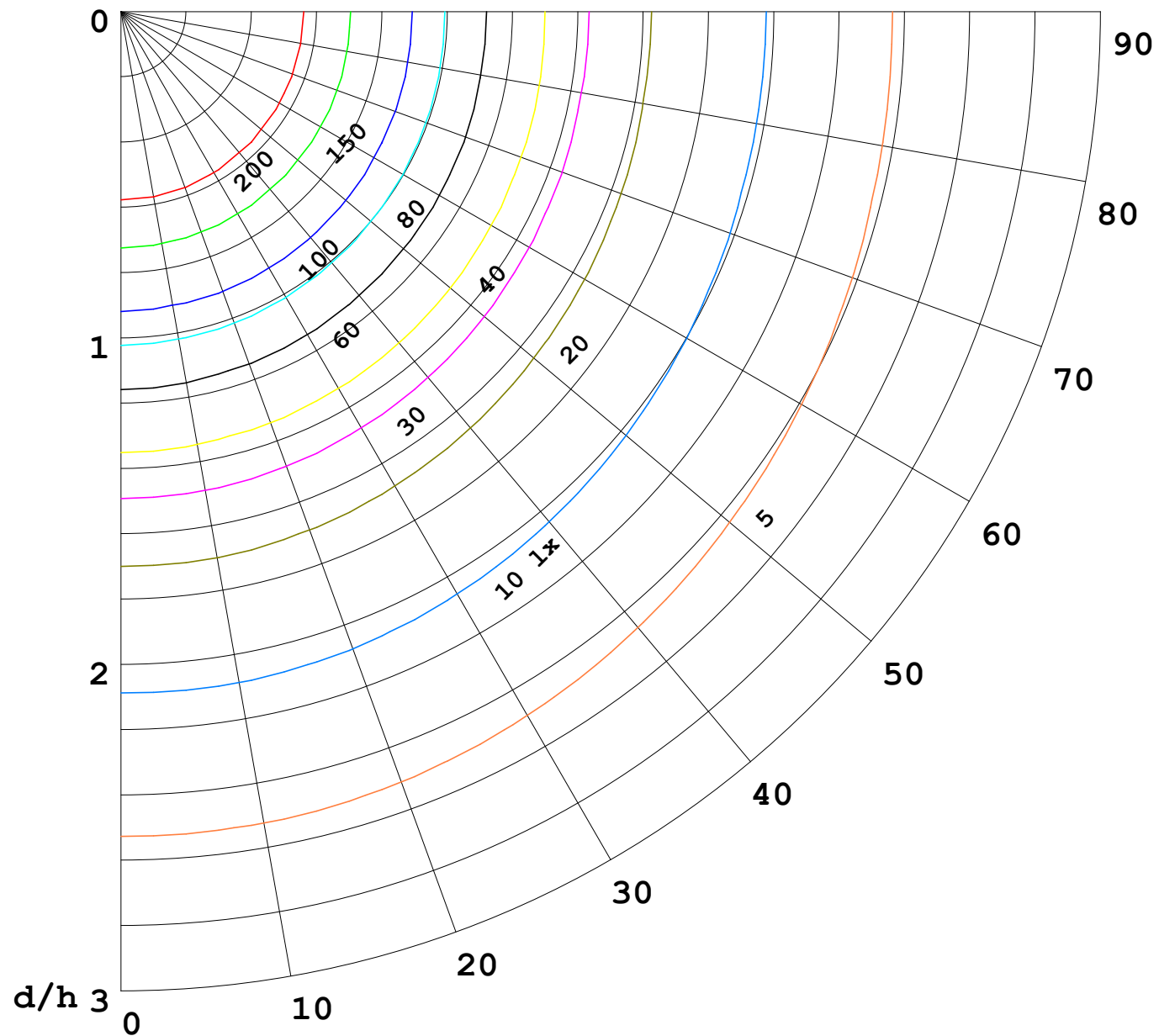
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

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

