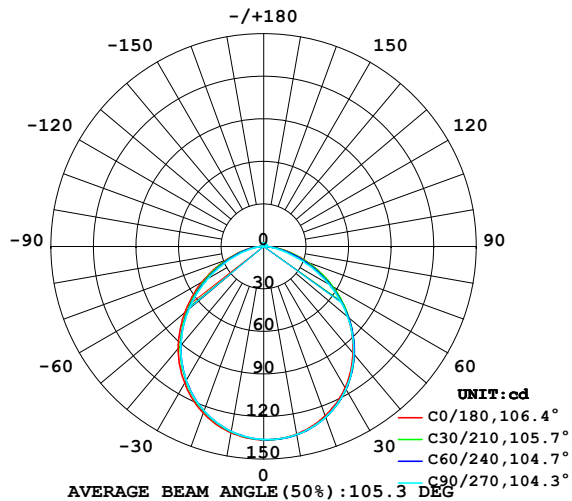


## LUMINAIRE PHOTOMETRIC TEST REPORT

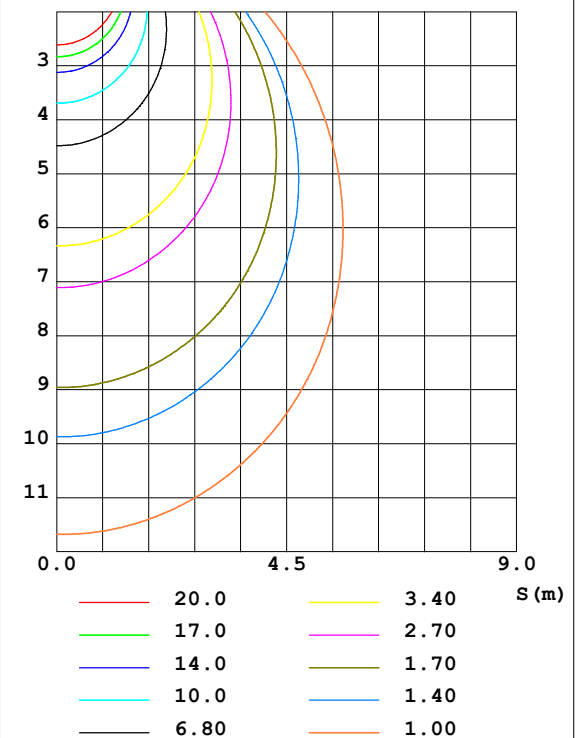
Test:U:24.00V I:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.74 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	136.4	S/MH (C0/180)	1.25
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	367.56	η UP, DN (C0-180)	1.5, 50.2
NOMINAL FLUX (lm)	367.558	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 47.1
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)



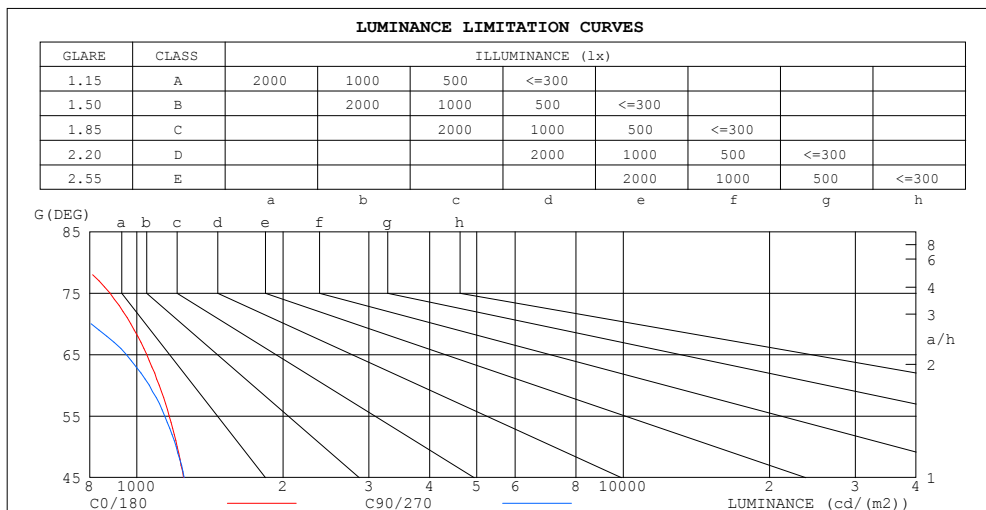
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2022-12-14

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	134.3	134.8	134.7	133.9	133.4	132.5	132.4	133.1	0- 10	12.88	12.88	3.5,3.5
20	127.1	128.1	128.0	126.6	125.0	123.5	123.3	124.8	10- 20	36.77	49.65	13.5,13.5
30	115.0	116.3	116.0	114.0	111.4	109.4	109.2	111.7	20- 30	55.24	104.9	28.5,28.5
40	98.06	99.38	98.74	96.57	93.85	91.24	90.92	94.18	30- 40	65.40	170.3	46.3,46.3
50	77.87	78.36	77.42	75.21	72.76	69.79	69.16	73.36	40- 50	65.61	235.9	64.2,64.2
60	55.59	55.06	53.04	52.02	50.23	47.28	45.71	50.77	50- 60	56.13	292.0	79.5,79.5
70	33.24	31.78	27.56	29.64	28.10	26.48	23.49	29.18	60- 70	39.42	331.4	90.2,90.2
80	13.29	12.00	9.063	11.55	11.38	10.24	7.739	11.29	70- 80	20.43	351.9	95.7,95.7
90	1.673	1.434	1.399	1.355	0.8705	0.8772	0.8681	1.009	80- 90	5.565	357.4	97.2,97.2
100	1.295	1.382	1.669	1.402	0.8382	0.8830	1.060	0.8416	90-100	1.185	358.6	97.6,97.6
110	1.489	1.582	1.697	1.607	1.074	1.115	1.157	1.067	100-110	1.323	359.9	97.9,97.9
120	1.717	1.759	1.863	1.780	1.323	1.344	1.336	1.309	110-120	1.435	361.4	98.3,98.3
130	1.911	1.932	1.995	1.963	1.579	1.590	1.586	1.544	120-130	1.482	362.9	98.7,98.7
140	2.064	2.092	2.126	2.109	1.849	1.849	1.821	1.790	130-140	1.437	364.3	99.1,99.1
150	2.216	2.230	2.265	2.251	2.106	2.109	2.057	2.036	140-150	1.292	365.6	99.5,99.5
160	2.382	2.386	2.424	2.410	2.327	2.310	2.272	2.251	150-160	1.040	366.6	99.7,99.7
170	2.493	2.514	2.535	2.511	2.514	2.479	2.445	2.438	160-170	0.6840	367.3	99.9,99.9
180	2.549	2.552	2.535	2.521	2.604	2.535	2.528	2.531	170-180	0.2400	367.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	642	455
80	765	522
75	881	632
70	972	806
65	1048	951
60	1112	1061
55	1166	1141
50	1211	1204
45	1249	1252

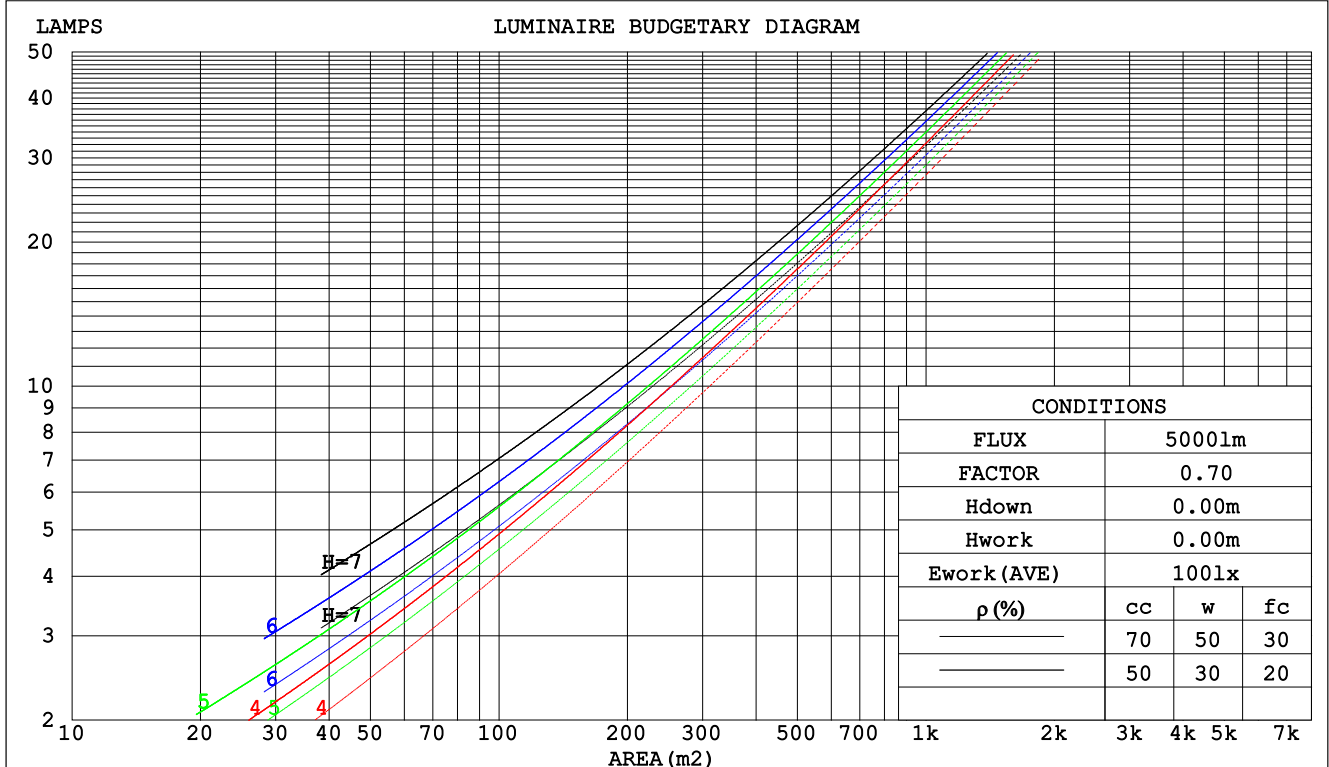
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.85	.79	.89	.83	.78	.85	.80	.76	.81	.77	.74	.78	.75	.72	.69
3.0	.80	.72	.66	.79	.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	.48	.58	.52	.47	.56	.50	.46	.44
6.0	.58	.49	.43	.57	.48	.42	.54	.47	.42	.53	.46	.41	.51	.45	.41	.38
7.0	.52	.44	.38	.51	.43	.37	.50	.42	.37	.48	.41	.37	.46	.41	.36	.34
8.0	.48	.39	.34	.47	.39	.34	.45	.38	.33	.44	.38	.33	.43	.37	.32	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.39	.34	.29	.27
10.0	.41	.33	.28	.40	.32	.27	.39	.32	.27	.38	.31	.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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm					
NAME: SP01-24V-5050-60-RGBW-3000K-80-W			TYPE: 硅胶		WEIGHT:
DIM.: 15mm*7mm			SPEC.:		SERIAL No.:20221220
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	.294	.167	.053	.286	.163	.052	.272	.156	.050	.258	.149	.048	.246	.142	.046		
2.0	.279	.153	.047	.272	.150	.046	.259	.144	.045	.247	.138	.043	.236	.133	.042		
3.0	.259	.138	.041	.253	.136	.041	.242	.131	.040	.231	.127	.039	.221	.122	.038		
4.0	.241	.125	.037	.235	.123	.036	.225	.119	.036	.215	.116	.035	.206	.112	.034		
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.201	.106	.031	.193	.103	.031		
6.0	.208	.104	.030	.203	.103	.030	.195	.100	.029	.187	.097	.029	.180	.095	.028		
7.0	.194	.096	.027	.190	.095	.027	.182	.092	.027	.176	.090	.026	.169	.088	.026		
8.0	.181	.089	.025	.178	.088	.025	.171	.086	.024	.165	.084	.024	.159	.082	.024		
9.0	.170	.082	.023	.167	.081	.023	.161	.080	.023	.155	.078	.022	.150	.076	.022		
10.0	.160	.077	.021	.158	.076	.021	.152	.074	.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	.211	.211	.211	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.200	.177	.157	.171	.152	.135	.117	.105	.093	.067	.061	.054	.022	.020	.018	
2.0	.192	.153	.121	.164	.132	.104	.113	.091	.073	.065	.053	.043	.021	.017	.014	
3.0	.184	.136	.097	.158	.117	.084	.108	.081	.059	.062	.047	.035	.020	.015	.011	
4.0	.176	.122	.081	.151	.106	.070	.104	.074	.050	.060	.043	.029	.019	.014	.010	
5.0	.169	.112	.070	.145	.097	.061	.100	.068	.043	.058	.040	.025	.019	.013	.008	
6.0	.162	.104	.062	.139	.090	.054	.096	.063	.038	.056	.037	.023	.018	.012	.007	
7.0	.155	.097	.056	.134	.084	.048	.092	.059	.034	.054	.035	.020	.017	.011	.007	
8.0	.149	.091	.051	.128	.079	.044	.089	.055	.032	.052	.033	.019	.017	.011	.006	
9.0	.143	.086	.047	.123	.075	.041	.085	.052	.029	.050	.031	.018	.016	.010	.006	
10.0	.137	.082	.045	.118	.071	.039	.082	.050	.028	.048	.030	.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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm											
NAME: SP01-24V-5050-60-RGBW-3000K-80-W						TYPE:硅胶		WEIGHT:			
DIM.: 15mm*7mm						SPEC.:		SERIAL No.:20221220			
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	13.4	14.8	13.7	15.1	15.3	13.2	14.7	13.5	14.9	15.2	
	3H	14.8	16.1	15.1	16.4	16.7	14.4	15.7	14.7	16.0	16.3
	4H	15.3	16.5	15.6	16.8	17.2	14.7	16.0	15.0	16.2	16.6
	6H	15.6	16.8	16.0	17.1	17.5	14.9	16.1	15.2	16.4	16.7
	8H	15.7	16.9	16.1	17.2	17.6	14.9	16.1	15.3	16.4	16.7
	12H	15.8	16.9	16.2	17.2	17.6	14.9	16.0	15.3	16.4	16.7
4H	2H	13.9	15.2	14.3	15.5	15.8	13.8	15.0	14.1	15.3	15.6
	3H	15.5	16.6	15.9	16.9	17.3	15.1	16.2	15.5	16.5	16.9
	4H	16.1	17.1	16.5	17.5	17.9	15.5	16.5	16.0	16.9	17.3
	6H	16.6	17.5	17.0	17.9	18.3	15.8	16.7	16.3	17.1	17.5
	8H	16.7	17.5	17.2	18.0	18.4	15.9	16.7	16.4	17.1	17.6
	12H	16.8	17.6	17.3	18.0	18.5	16.0	16.7	16.4	17.1	17.6
8H	4H	16.3	17.1	16.7	17.5	18.0	15.8	16.6	16.2	17.0	17.5
	6H	16.9	17.6	17.4	18.0	18.5	16.2	16.9	16.7	17.3	17.8
	8H	17.1	17.7	17.6	18.2	18.7	16.3	16.9	16.8	17.4	17.9
	12H	17.3	17.8	17.8	18.3	18.8	16.4	16.9	17.0	17.4	18.0
12H	4H	16.3	17.0	16.7	17.5	17.9	15.8	16.5	16.3	17.0	17.4
	6H	16.9	17.5	17.4	18.0	18.5	16.2	16.8	16.7	17.3	17.8
	8H	17.2	17.7	17.7	18.2	18.7	16.4	16.9	16.9	17.4	18.0
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 / - 0.4					

CIE Pub.117 Corrected 367.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.5)

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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

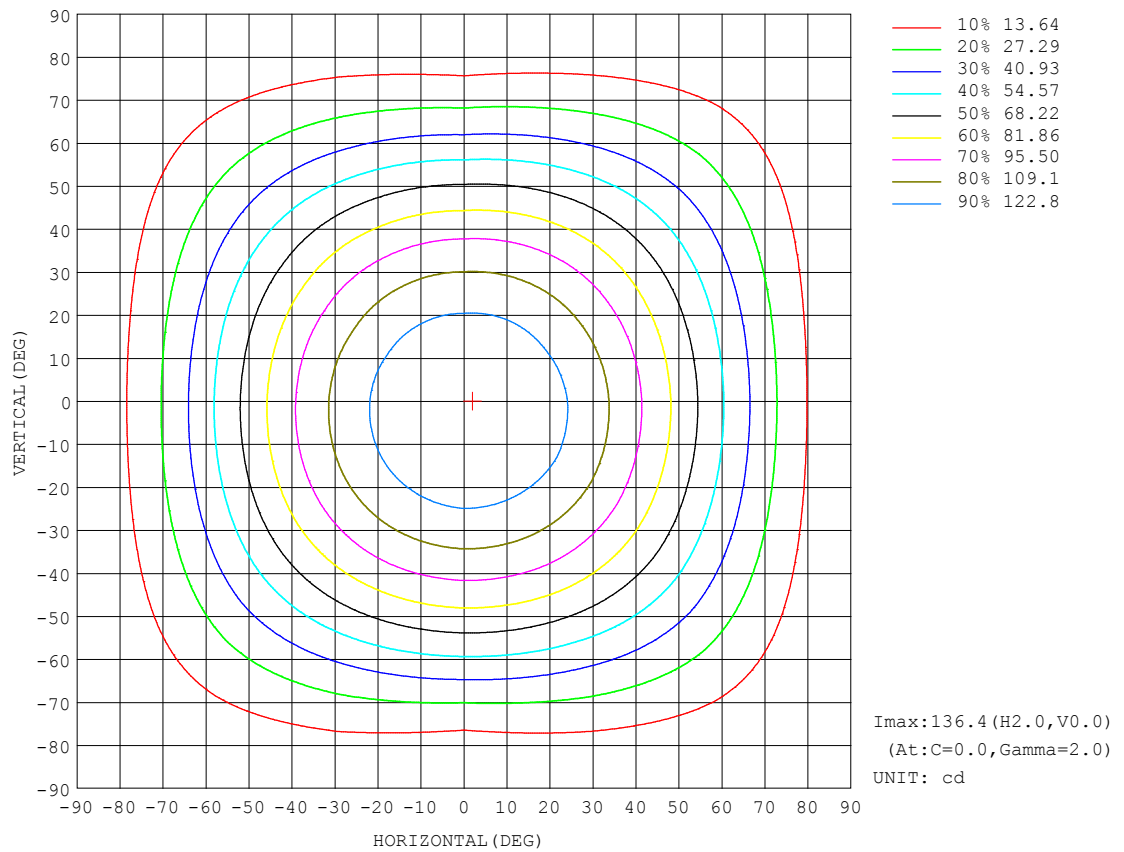
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	58	47	40	56	46	40	34
0.80	68	57	50	67	57	50	65	56	49	42
1.00	77	66	59	75	65	59	73	66	58	51
1.25	84	74	67	82	73	66	79	71	65	58
1.50	89	79	72	87	78	72	84	76	70	63
2.00	95	87	81	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	87	83	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	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

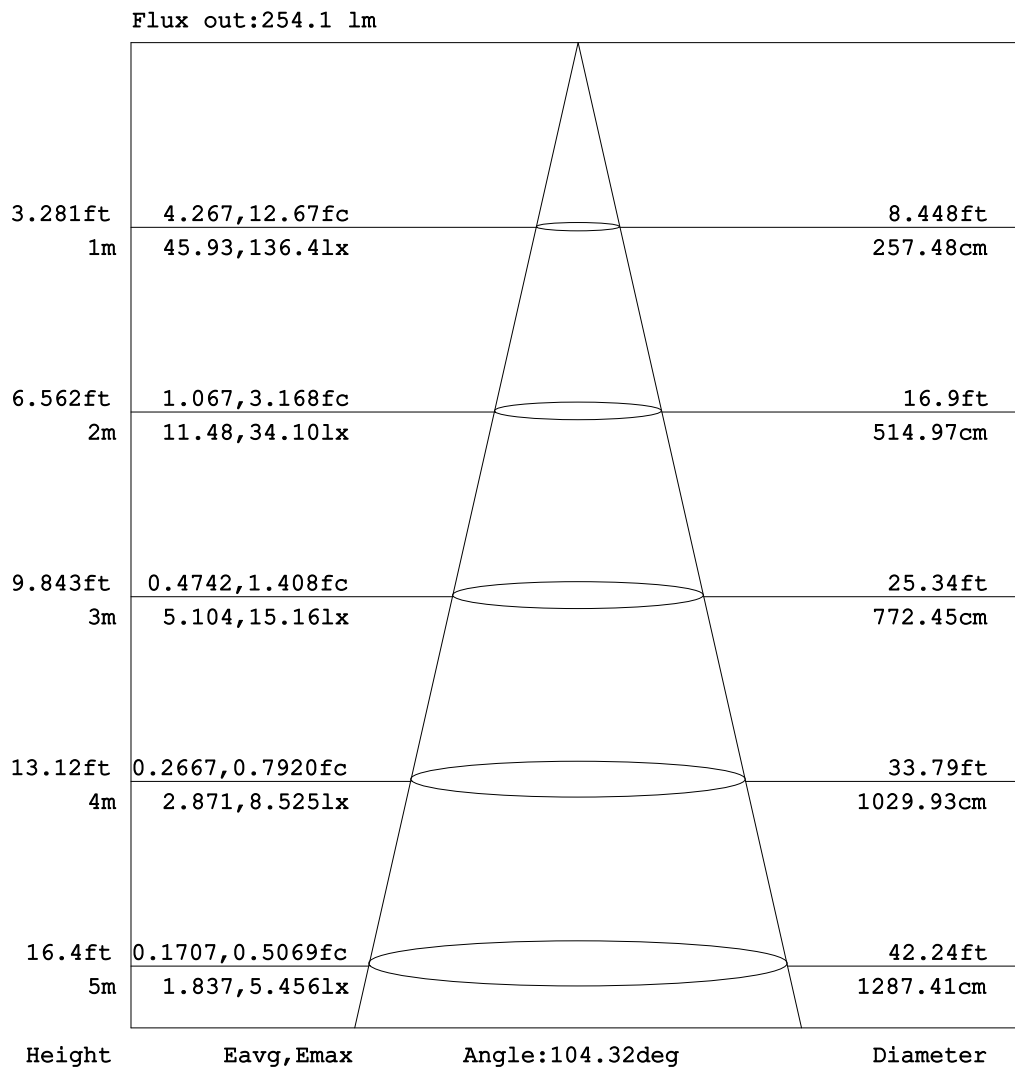


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
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.

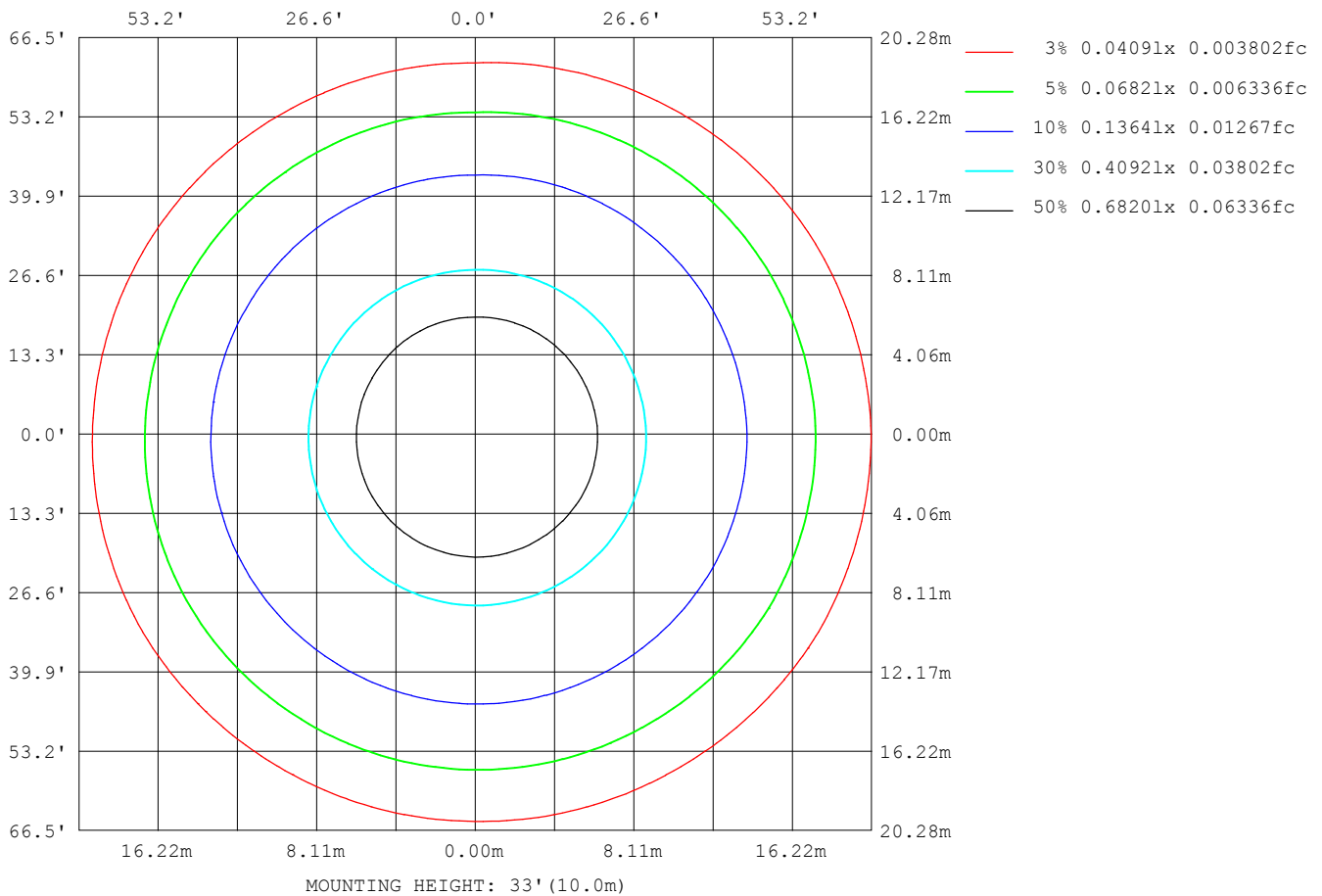
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2022-12-14

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

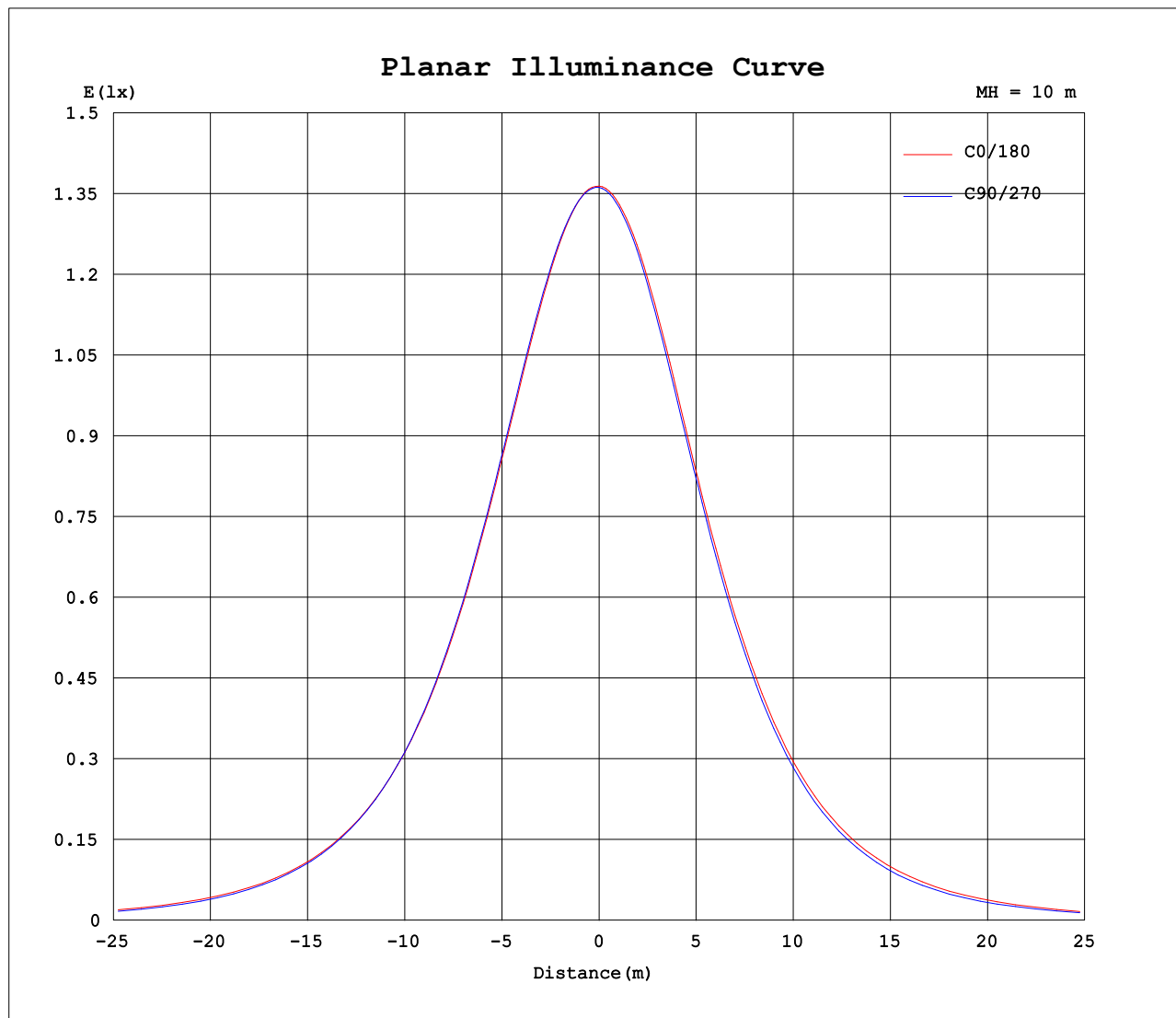
Test:U:24.00V I:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2165A P:5.196W PF:1.000 Lamp Flux:367.558x1 lm		
NAME: SP01-24V-5050-60-RGBW-3000K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221220
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	136	136	136	136	136	136	136	136	136	136	136	136							
5	136	136	136	136	136	135	136	135	136	135	135	135							
10	134	135	135	135	134	134	133	133	132	132	133	133							
15	131	132	132	132	131	131	130	129	129	128	129	130							
20	127	128	128	128	127	126	125	124	123	123	124	125							
25	122	123	123	123	122	120	119	117	117	117	118	119							
30	115	116	116	116	115	113	111	110	109	109	111	113							
35	107	108	108	108	107	105	103	101	101	101	102	104							
40	98.1	99.4	99.4	98.7	97.4	95.7	93.9	91.6	90.9	90.9	93.1	95.2							
45	88.3	89.3	89.3	88.5	87.0	85.5	83.5	81.3	80.4	80.4	82.9	85.3							
50	77.9	78.5	78.2	77.4	75.9	74.5	72.8	70.4	69.2	69.2	72.0	74.7							
55	66.9	67.5	66.3	65.4	64.3	63.2	61.5	59.2	57.9	57.3	60.5	63.8							
60	55.6	56.0	54.1	53.0	52.3	51.8	50.2	48.1	46.4	45.7	48.9	52.7							
65	44.3	44.5	41.9	40.2	40.3	40.8	38.9	37.4	35.5	34.2	37.7	41.7							
70	33.2	33.1	30.5	27.6	29.3	30.0	28.1	27.3	25.7	23.5	27.3	31.1							
75	22.8	22.4	20.1	16.4	19.6	20.1	19.0	18.2	17.0	14.6	18.0	21.2							
80	13.3	12.8	11.2	9.06	11.4	11.7	11.4	10.6	9.86	7.74	10.3	12.3							
85	5.59	5.30	4.39	3.97	4.99	5.34	4.88	4.55	4.29	3.26	4.21	5.08							
90	1.67	1.49	1.37	1.40	1.34	1.37	0.87	0.92	0.83	0.87	0.86	1.15							
95	1.30	1.31	1.32	1.44	1.30	1.31	0.72	0.71	0.84	0.84	0.81	0.76							
100	1.30	1.38	1.39	1.67	1.40	1.41	0.84	0.82	0.95	1.06	0.92	0.76							
105	1.39	1.47	1.49	1.67	1.50	1.51	0.95	0.92	1.06	1.16	1.05	0.87							
110	1.49	1.57	1.59	1.70	1.60	1.61	1.07	1.06	1.17	1.16	1.15	0.98							
115	1.61	1.66	1.66	1.79	1.70	1.70	1.20	1.16	1.29	1.26	1.26	1.10							
120	1.72	1.77	1.75	1.86	1.77	1.79	1.32	1.29	1.40	1.34	1.37	1.25							
125	1.81	1.85	1.82	1.93	1.85	1.89	1.45	1.40	1.52	1.46	1.48	1.35							
130	1.91	1.95	1.92	1.99	1.94	1.99	1.58	1.54	1.64	1.59	1.60	1.49							
135	1.99	2.04	1.97	2.05	1.99	2.07	1.72	1.67	1.77	1.72	1.72	1.60							
140	2.06	2.13	2.06	2.13	2.06	2.16	1.85	1.81	1.89	1.82	1.86	1.72							
145	2.15	2.20	2.11	2.20	2.16	2.22	1.98	1.95	2.03	1.94	1.98	1.86							
150	2.22	2.28	2.18	2.26	2.20	2.30	2.11	2.06	2.15	2.06	2.10	1.97							
155	2.29	2.35	2.29	2.35	2.29	2.38	2.21	2.16	2.24	2.15	2.20	2.08							
160	2.38	2.44	2.33	2.42	2.38	2.44	2.33	2.26	2.36	2.27	2.30	2.20							
165	2.43	2.49	2.41	2.49	2.42	2.50	2.42	2.40	2.44	2.38	2.40	2.29							
170	2.49	2.55	2.48	2.53	2.50	2.52	2.51	2.44	2.52	2.44	2.48	2.40							
175	2.53	2.57	2.51	2.53	2.50	2.52	2.57	2.49	2.53	2.49	2.55	2.48							
180	2.55	2.57	2.53	2.53	2.52	2.52	2.60	2.53	2.53	2.53	2.56	2.51							

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	136.4	136.3	136.2	136.2	136.0	136.0	136.4	136.3	136.2	136.2
3.0	136.4	136.4	136.3	136.2	136.1	135.8	136.0	135.8	135.6	135.6
6.0	135.8	136.0	136.1	135.9	135.6	135.2	135.2	134.7	134.5	134.5
9.0	134.8	135.2	135.2	135.0	134.6	134.1	133.9	133.2	133.0	133.0
12.0	133.3	133.8	133.9	133.8	133.2	132.5	132.1	131.3	131.0	131.0
15.0	131.3	132.1	132.2	132.0	131.3	130.6	129.8	128.8	128.6	128.5
18.0	128.9	129.8	129.8	129.8	129.0	128.0	127.1	125.9	125.6	125.6
21.0	126.1	127.2	127.1	127.1	126.1	125.1	123.8	122.5	122.2	122.1
24.0	122.9	124.0	123.9	123.9	122.7	121.6	120.1	118.7	118.2	118.3
27.0	119.2	120.4	120.3	120.2	118.9	117.5	115.9	114.4	113.8	114.0
30.0	115.0	116.3	116.2	116.0	114.7	113.2	111.4	109.6	109.2	109.2
33.0	110.3	111.7	111.7	111.4	110.0	108.4	106.6	104.6	104.1	104.2
36.0	105.3	106.7	106.7	106.2	104.9	103.2	101.3	99.27	98.70	98.73
39.0	99.93	101.3	101.3	100.8	99.30	97.67	95.77	93.59	92.89	92.95
42.0	94.24	95.49	95.43	94.88	93.32	91.77	89.81	87.53	86.83	86.83
45.0	88.31	89.32	89.30	88.51	87.05	85.50	83.50	81.31	80.43	80.43
48.0	82.13	83.03	82.72	82.04	80.40	79.07	77.11	74.80	73.78	73.54
51.0	75.71	76.45	75.89	75.12	73.64	72.30	70.53	68.14	67.03	66.69
54.0	69.12	69.77	68.72	67.92	66.65	65.51	63.80	61.48	60.07	59.87
57.0	62.43	63.05	61.40	60.64	59.34	58.75	57.10	54.86	53.26	52.33
60.0	55.59	56.03	54.08	53.04	52.26	51.79	50.23	48.14	46.42	45.71
63.0	48.79	49.00	46.74	45.28	44.92	45.11	43.38	41.78	39.69	38.43
66.0	42.07	42.17	39.59	37.69	38.09	38.49	36.65	35.44	33.46	31.84
69.0	35.44	35.33	32.70	30.00	31.45	32.01	30.17	29.19	27.51	25.60
72.0	28.98	28.68	26.16	22.65	25.21	25.79	24.22	23.57	22.02	19.74
75.0	22.80	22.40	20.05	16.35	19.57	20.12	19.01	18.22	17.01	14.61
78.0	16.87	16.47	14.50	11.41	14.43	14.83	14.27	13.48	12.57	10.39
81.0	11.54	11.11	9.602	7.913	9.926	10.32	10.01	9.243	8.629	6.650
84.0	6.958	6.547	5.501	4.812	6.054	6.486	6.094	5.607	5.259	3.991
87.0	3.385	3.117	2.531	2.572	3.099	3.297	2.748	2.598	2.590	2.206
90.0	1.673	1.495	1.373	1.399	1.340	1.370	0.8705	0.9242	0.8303	0.8681
93.0	1.309	1.295	1.316	1.441	1.302	1.275	0.6928	0.7134	0.7829	0.8380
96.0	1.295	1.309	1.316	1.448	1.323	1.337	0.7482	0.7134	0.8521	0.9821
99.0	1.295	1.351	1.385	1.669	1.385	1.392	0.8106	0.7754	0.9283	1.066
102.0	1.316	1.413	1.420	1.669	1.434	1.448	0.8799	0.8379	0.9975	1.087
105.0	1.392	1.468	1.489	1.669	1.503	1.510	0.9491	0.9209	1.060	1.157
108.0	1.454	1.531	1.537	1.676	1.565	1.572	1.018	0.9832	1.122	1.150
111.0	1.510	1.586	1.593	1.711	1.607	1.621	1.095	1.060	1.191	1.163
114.0	1.593	1.648	1.641	1.766	1.676	1.683	1.164	1.149	1.261	1.212
117.0	1.641	1.704	1.717	1.815	1.718	1.739	1.233	1.205	1.323	1.281
120.0	1.717	1.766	1.752	1.863	1.766	1.794	1.323	1.288	1.399	1.336
123.0	1.759	1.822	1.814	1.905	1.821	1.856	1.392	1.371	1.469	1.406
126.0	1.814	1.884	1.835	1.939	1.863	1.912	1.469	1.433	1.545	1.496
129.0	1.883	1.926	1.884	1.981	1.918	1.960	1.559	1.517	1.614	1.544
132.0	1.953	1.988	1.939	2.016	1.946	2.022	1.635	1.593	1.690	1.614
135.0	1.987	2.043	1.967	2.050	1.988	2.071	1.718	1.669	1.766	1.717
138.0	2.050	2.092	2.015	2.092	2.050	2.126	1.794	1.745	1.843	1.759
141.0	2.084	2.140	2.064	2.147	2.077	2.175	1.870	1.821	1.926	1.828
144.0	2.119	2.189	2.092	2.182	2.119	2.203	1.953	1.932	2.002	1.939
147.0	2.161	2.223	2.174	2.223	2.175	2.244	2.030	1.987	2.078	1.994
150.0	2.216	2.279	2.181	2.265	2.202	2.300	2.106	2.064	2.154	2.057
153.0	2.279	2.320	2.257	2.320	2.272	2.348	2.175	2.119	2.196	2.126
156.0	2.313	2.369	2.286	2.362	2.299	2.390	2.237	2.181	2.265	2.174
159.0	2.368	2.410	2.320	2.403	2.348	2.438	2.300	2.244	2.334	2.272
162.0	2.389	2.459	2.369	2.459	2.382	2.473	2.362	2.299	2.397	2.292
165.0	2.431	2.493	2.410	2.493	2.424	2.500	2.424	2.396	2.445	2.382
168.0	2.486	2.535	2.438	2.521	2.452	2.521	2.493	2.410	2.487	2.403
171.0	2.500	2.569	2.486	2.535	2.493	2.521	2.535	2.459	2.535	2.459
174.0	2.521	2.569	2.507	2.535	2.500	2.521	2.569	2.493	2.535	2.493
177.0	2.542	2.569	2.521	2.535	2.514	2.521	2.611	2.521	2.535	2.514
180.0	2.549	2.569	2.535	2.535	2.521	2.521	2.604	2.535	2.535	2.528
G/C	300.0	330.0								
0.0	136.0	136.0								
3.0	135.6	135.8								
6.0	134.8	135.0								
9.0	133.4	133.8								
12.0	131.6	132.1								
15.0	129.3	129.9								
18.0	126.4	127.4								
21.0	123.2	124.2								
24.0	119.5	120.8								
27.0	115.3	116.9								
30.0	110.8	112.6								

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:

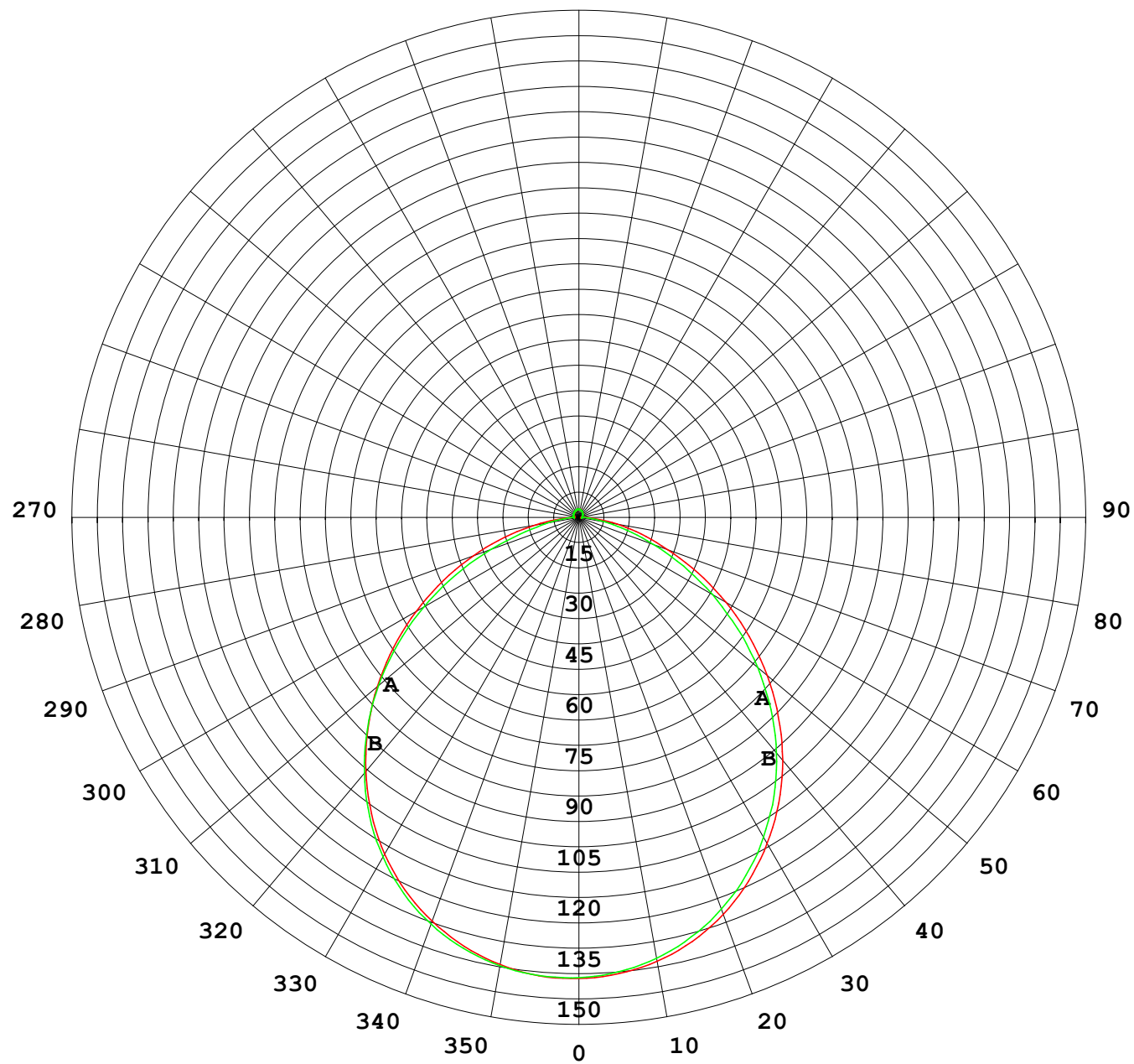
## Photometric Data Table [cd]

33.0	105.9	107.9
36.0	100.6	102.8
39.0	95.03	97.20
42.0	89.11	91.44
45.0	82.88	85.28
48.0	76.43	78.96
51.0	69.67	72.49
54.0	62.85	66.08
57.0	55.89	59.47
60.0	48.88	52.66
63.0	42.09	46.16
66.0	35.50	39.61
69.0	29.24	33.23
72.0	23.37	27.07
75.0	18.01	21.18
78.0	13.16	15.67
81.0	8.905	10.70
84.0	5.251	6.323
87.0	2.438	2.925
90.0	0.8647	1.153
93.0	0.7829	0.7828
96.0	0.8382	0.7618
99.0	0.9074	0.7618
102.0	0.9837	0.8239
105.0	1.046	0.8725
108.0	1.102	0.9351
111.0	1.178	1.025
114.0	1.233	1.073
117.0	1.309	1.157
120.0	1.372	1.246
123.0	1.441	1.295
126.0	1.510	1.385
129.0	1.579	1.454
132.0	1.649	1.517
135.0	1.718	1.600
138.0	1.801	1.683
141.0	1.870	1.752
144.0	1.953	1.828
147.0	2.023	1.925
150.0	2.099	1.974
153.0	2.168	2.050
156.0	2.223	2.105
159.0	2.293	2.175
162.0	2.348	2.278
165.0	2.403	2.292
168.0	2.452	2.389
171.0	2.500	2.396
174.0	2.542	2.431
177.0	2.556	2.507
180.0	2.556	2.507

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

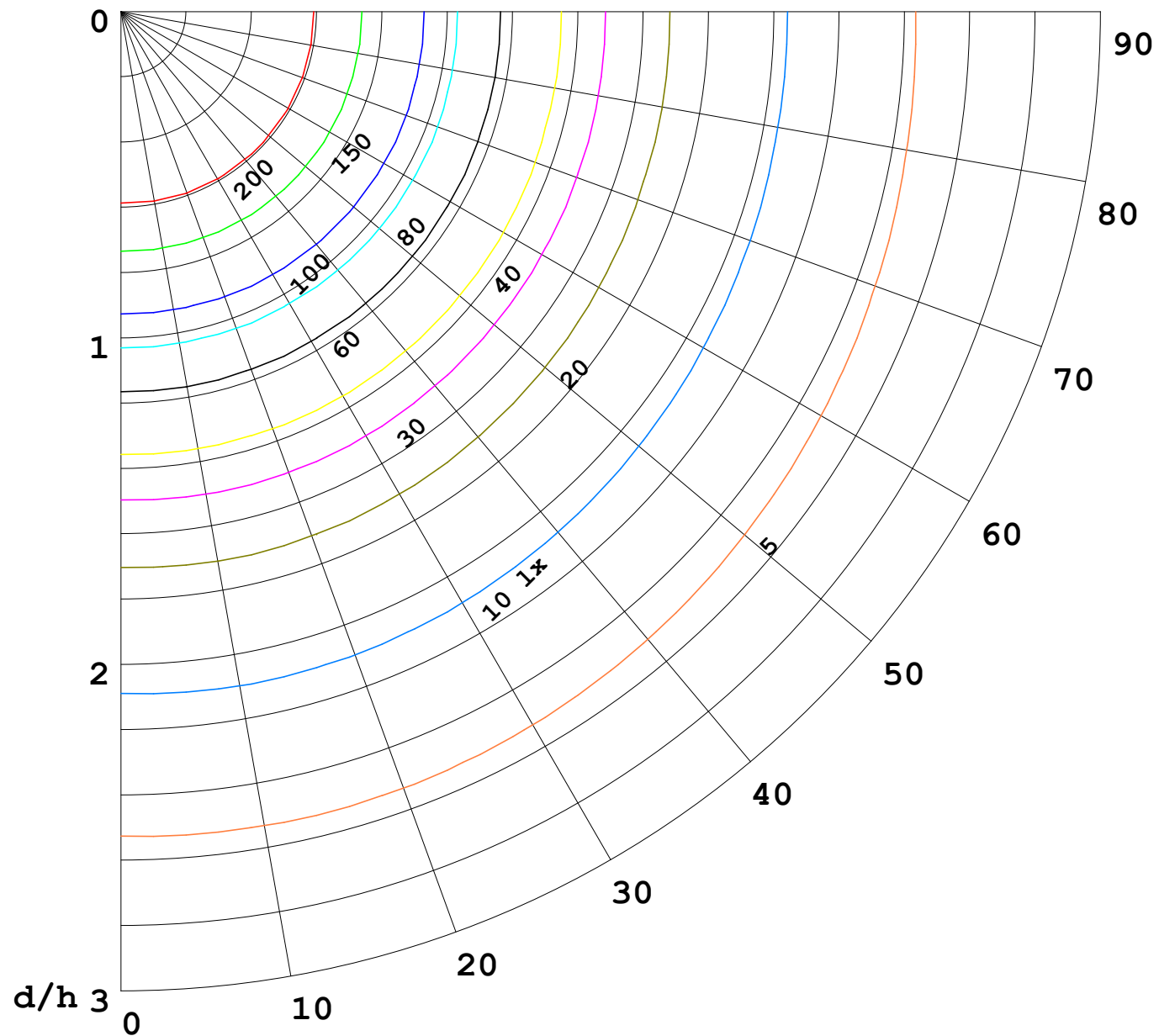
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.800m [K=1.0000]  
 Remarks:

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

