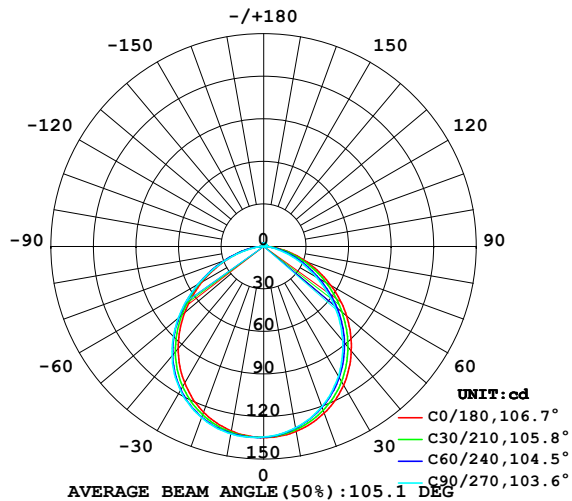


LUMINAIRE PHOTOMETRIC TEST REPORT

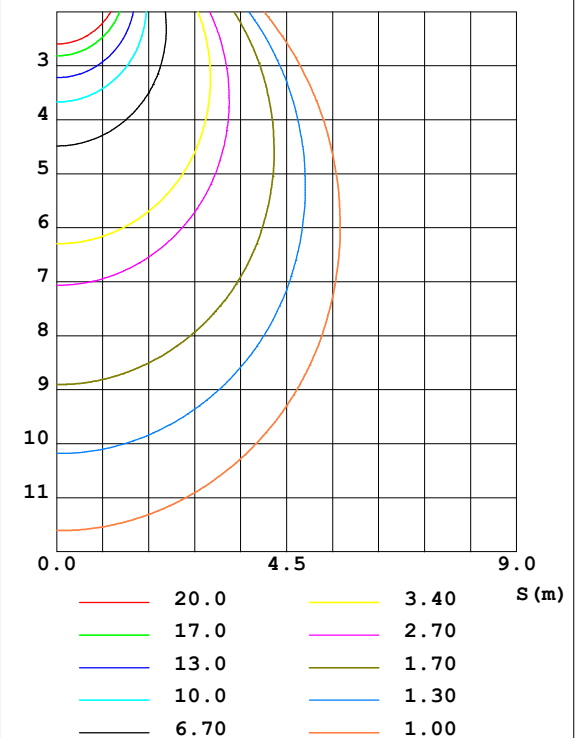
Test:U:24.00V I:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.20 lm/W			
MODEL	5050	I _{max} (cd)	134.9	S/MH (C0/180)	1.24
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.18
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	362.73	η UP, DN (C0-180)	1.5, 46.6
NOMINAL FLUX (lm)	362.732	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 50.7
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)



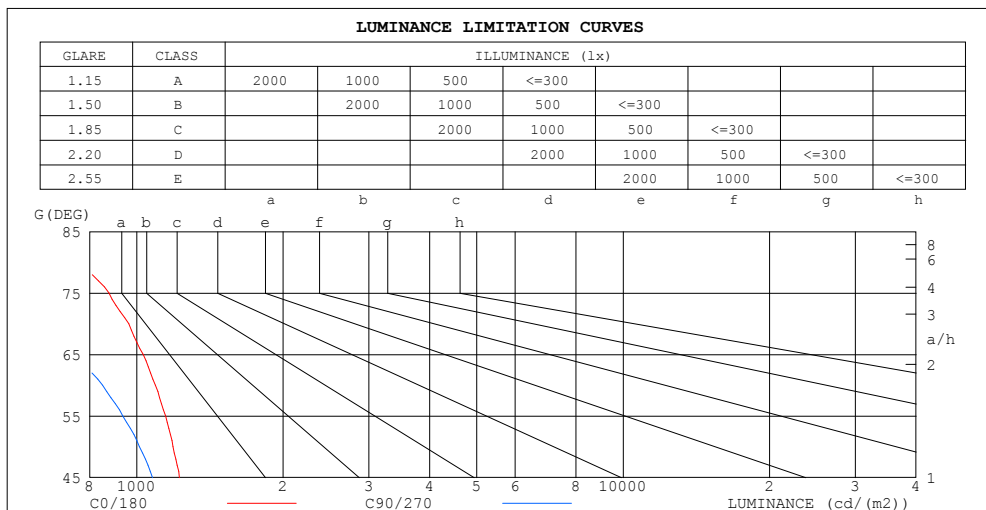
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-15

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	132.4	130.7	129.9	130.2	132.1	133.4	134.1	133.5	0- 10	12.72	12.72	3.51,3.51
20	125.0	121.8	120.2	121.2	124.4	127.1	128.4	127.4	10- 20	36.35	49.07	13.5,13.5
30	112.9	108.4	105.6	107.2	111.4	115.5	117.4	116.4	20- 30	54.69	103.8	28.6,28.6
40	96.13	90.61	86.71	88.86	93.88	98.45	100.6	100.1	30- 40	64.79	168.5	46.5,46.5
50	76.35	69.86	65.12	67.47	72.85	76.78	78.65	79.33	40- 50	64.92	233.5	64.4,64.4
60	54.65	47.91	42.50	45.25	50.38	52.75	53.55	55.84	50- 60	55.33	288.8	79.6,79.6
70	32.96	27.39	21.90	25.19	27.97	29.61	28.26	32.49	60- 70	38.73	327.5	90.3,90.3
80	13.39	10.55	7.209	9.787	10.94	10.95	8.530	12.55	70- 80	20.04	347.6	95.8,95.8
90	1.784	1.451	1.254	1.372	0.8915	0.8145	0.8887	1.040	80- 90	5.411	353.0	97.3,97.3
100	1.288	1.354	1.427	1.364	0.7898	0.7931	0.8863	0.7861	90-100	1.141	354.1	97.6,97.6
110	1.461	1.551	1.628	1.576	1.018	1.001	1.032	0.9870	100-110	1.257	355.4	98,98
120	1.662	1.749	1.829	1.780	1.261	1.222	1.212	1.215	110-120	1.375	356.7	98.3,98.3
130	1.842	1.925	2.002	1.970	1.510	1.451	1.420	1.444	120-130	1.429	358.2	98.7,98.7
140	2.008	2.085	2.161	2.126	1.773	1.704	1.648	1.686	130-140	1.390	359.6	99.1,99.1
150	2.168	2.206	2.293	2.272	2.023	1.957	1.925	1.960	140-150	1.252	360.8	99.5,99.5
160	2.292	2.351	2.431	2.421	2.244	2.196	2.147	2.185	150-160	1.013	361.8	99.8,99.8
170	2.417	2.455	2.500	2.486	2.438	2.382	2.361	2.403	160-170	0.6673	362.5	99.9,99.9
180	2.521	2.511	2.493	2.507	2.521	2.500	2.521	2.511	170-180	0.2352	362.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	664	387
80	771	415
75	876	515
70	964	640
65	1030	751
60	1093	850
55	1147	936
50	1188	1013
45	1224	1078

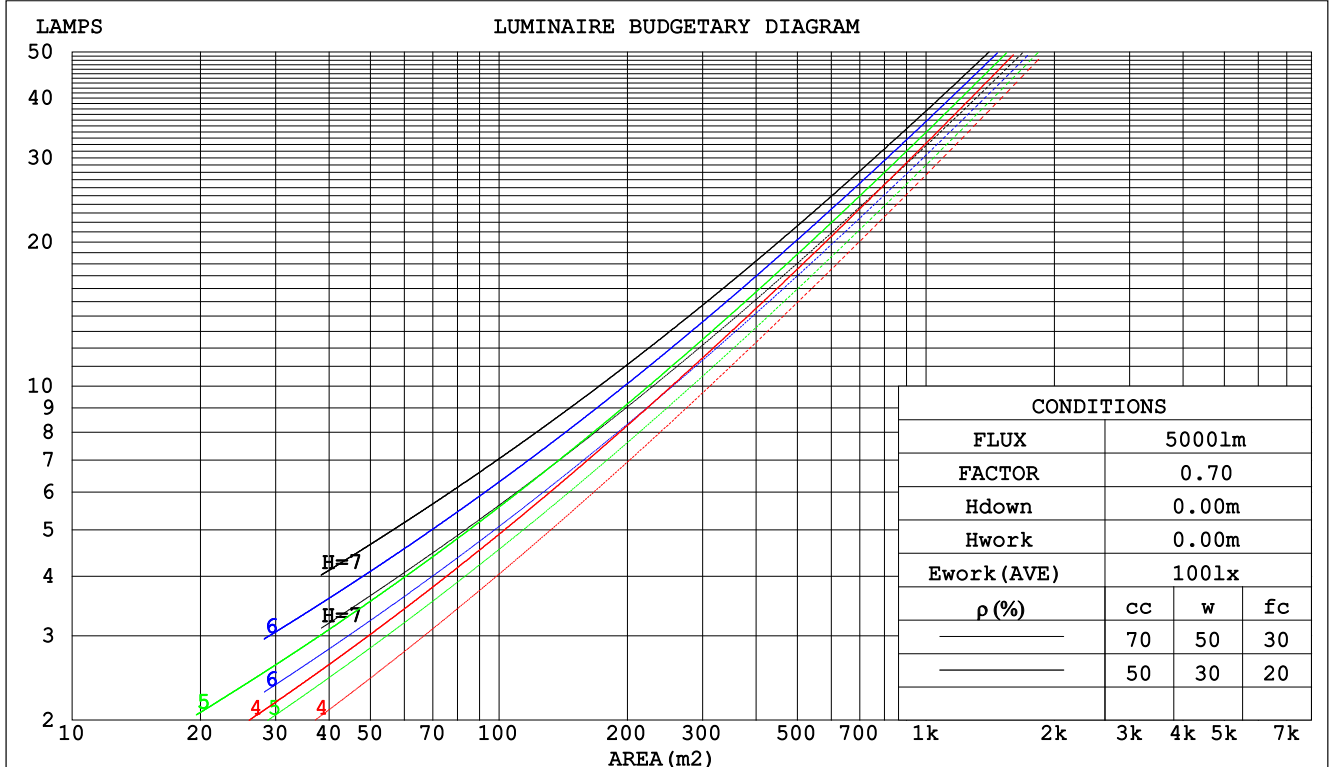
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	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	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	1.02	.98	.94	.97	.94	.91	.92	.90	.88	.88	.87	.85	.82
2.0	.91	.85	.79	.89	.83	.78	.85	.80	.76	.81	.77	.74	.78	.75	.72	.69
3.0	.80	.73	.66	.79	.71	.65	.75	.69	.64	.72	.67	.63	.69	.65	.61	.59
4.0	.71	.63	.56	.70	.62	.56	.67	.60	.55	.65	.59	.54	.62	.57	.53	.51
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	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.44	.38	.51	.43	.38	.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	.36	.30	.42	.35	.30	.41	.34	.30	.39	.34	.29	.28
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:2022-12-15

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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm					
NAME: SP01-24V-5050-60-RGBW-2700K-80-W			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	.294	.167	.053	.286	.163	.052	.271	.156	.050	.258	.149	.048	.245	.142	.046		
2.0	.278	.153	.047	.271	.149	.046	.258	.144	.045	.246	.138	.043	.235	.133	.042		
3.0	.259	.138	.041	.253	.135	.041	.241	.131	.040	.231	.126	.039	.221	.122	.038		
4.0	.240	.125	.037	.235	.123	.036	.225	.119	.036	.215	.115	.035	.206	.112	.034		
5.0	.223	.114	.033	.218	.112	.033	.209	.109	.032	.200	.106	.031	.192	.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	.175	.090	.026	.169	.088	.026		
8.0	.181	.089	.025	.178	.088	.025	.171	.085	.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	.157	.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	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.200	.177	.156	.171	.152	.135	.117	.104	.093	.067	.060	.054	.022	.019	.017	
2.0	.191	.153	.120	.164	.132	.104	.112	.091	.073	.065	.053	.043	.021	.017	.014	
3.0	.183	.135	.097	.157	.117	.084	.108	.081	.059	.062	.047	.035	.020	.015	.011	
4.0	.176	.122	.081	.151	.105	.070	.104	.073	.049	.060	.043	.029	.019	.014	.010	
5.0	.168	.111	.069	.145	.096	.060	.100	.067	.043	.058	.040	.025	.019	.013	.008	
6.0	.161	.103	.061	.139	.089	.053	.096	.062	.038	.056	.037	.022	.018	.012	.007	
7.0	.155	.096	.055	.133	.083	.048	.092	.058	.034	.053	.034	.020	.017	.011	.007	
8.0	.148	.090	.050	.128	.078	.044	.088	.055	.031	.051	.032	.019	.017	.011	.006	
9.0	.142	.085	.047	.123	.074	.041	.085	.052	.029	.050	.031	.017	.016	.010	.006	
10.0	.137	.081	.044	.118	.070	.038	.082	.050	.027	.048	.029	.016	.015	.010	.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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm											
NAME: SP01-24V-5050-60-RGBW-2700K-80-W					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	13.0	14.5	13.3	14.7	15.0	12.1	13.5	12.4	13.8	14.0	
	3H	14.4	15.7	14.8	16.0	16.3	13.1	14.4	13.4	14.7	15.0
	4H	15.0	16.2	15.3	16.5	16.8	13.4	14.7	13.8	15.0	15.3
	6H	15.4	16.5	15.7	16.9	17.2	13.6	14.8	14.0	15.1	15.4
	8H	15.5	16.6	15.9	16.9	17.3	13.6	14.8	14.0	15.1	15.5
	12H	15.5	16.6	15.9	17.0	17.3	13.7	14.8	14.0	15.1	15.5
4H 2H	13.4	14.7	13.8	15.0	15.3	12.7	13.9	13.0	14.2	14.6	
	3H	15.0	16.1	15.4	16.5	16.8	13.9	15.0	14.3	15.3	15.7
	4H	15.7	16.7	16.1	17.1	17.4	14.3	15.3	14.7	15.7	16.1
	6H	16.2	17.1	16.6	17.5	17.9	14.6	15.5	15.0	15.9	16.3
	8H	16.4	17.2	16.8	17.6	18.1	14.7	15.5	15.1	15.9	16.3
	12H	16.5	17.2	17.0	17.7	18.1	14.7	15.5	15.2	15.9	16.4
8H 4H	15.8	16.6	16.3	17.1	17.5	14.6	15.4	15.0	15.8	16.3	
	6H	16.5	17.1	17.0	17.6	18.1	15.0	15.7	15.5	16.1	16.6
	8H	16.7	17.3	17.2	17.8	18.3	15.1	15.7	15.6	16.2	16.7
	12H	16.9	17.4	17.4	17.9	18.5	15.2	15.7	15.8	16.2	16.8
12H 4H	15.8	16.6	16.3	17.0	17.5	14.6	15.4	15.1	15.8	16.3	
	6H	16.5	17.1	17.0	17.6	18.1	15.0	15.6	15.5	16.1	16.6
	8H	16.8	17.3	17.3	17.8	18.3	15.2	15.7	15.7	16.2	16.8
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 / - 0.4					+ 0.3 / - 0.5					

CIE Pub.117 Corrected 362.7 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:2022-12-15

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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

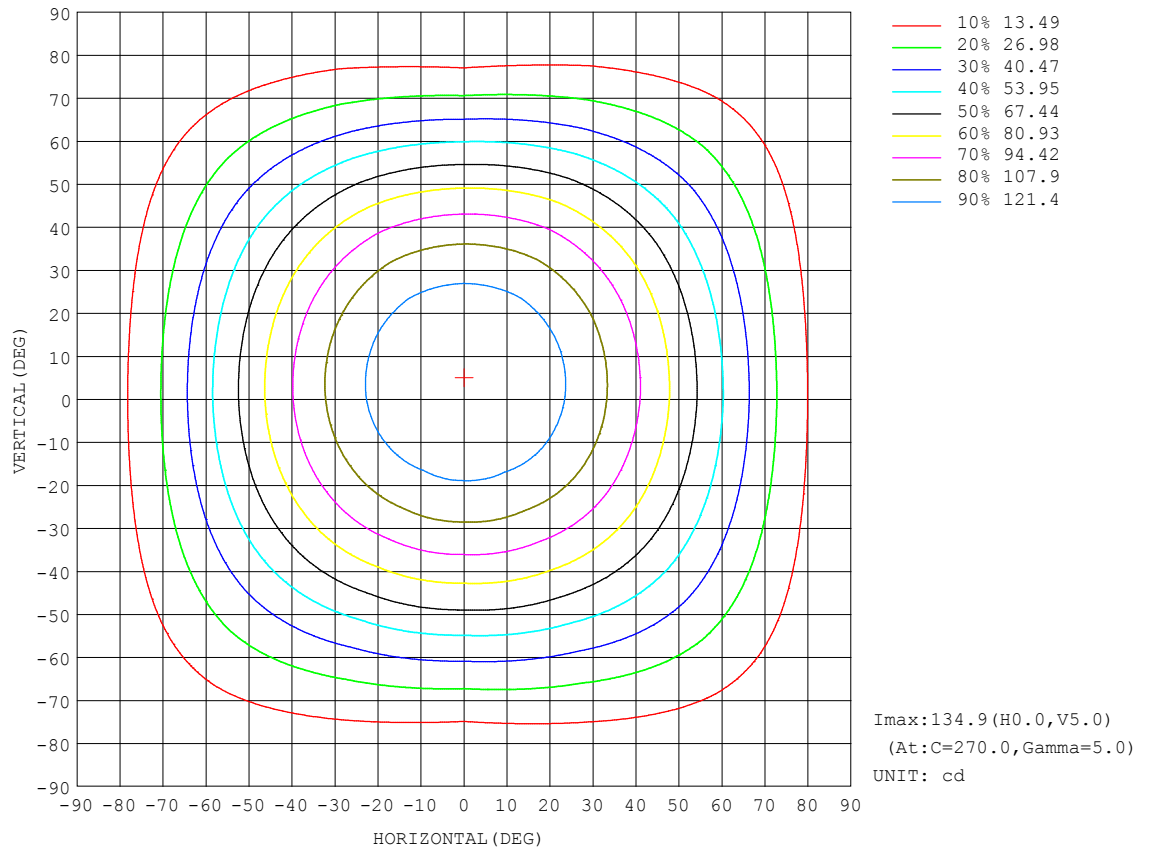
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	47	40	58	47	40	56	46	40	34
0.80	68	57	50	67	57	50	65	56	49	42
1.00	77	66	59	76	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	71	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:2022-12-15

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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

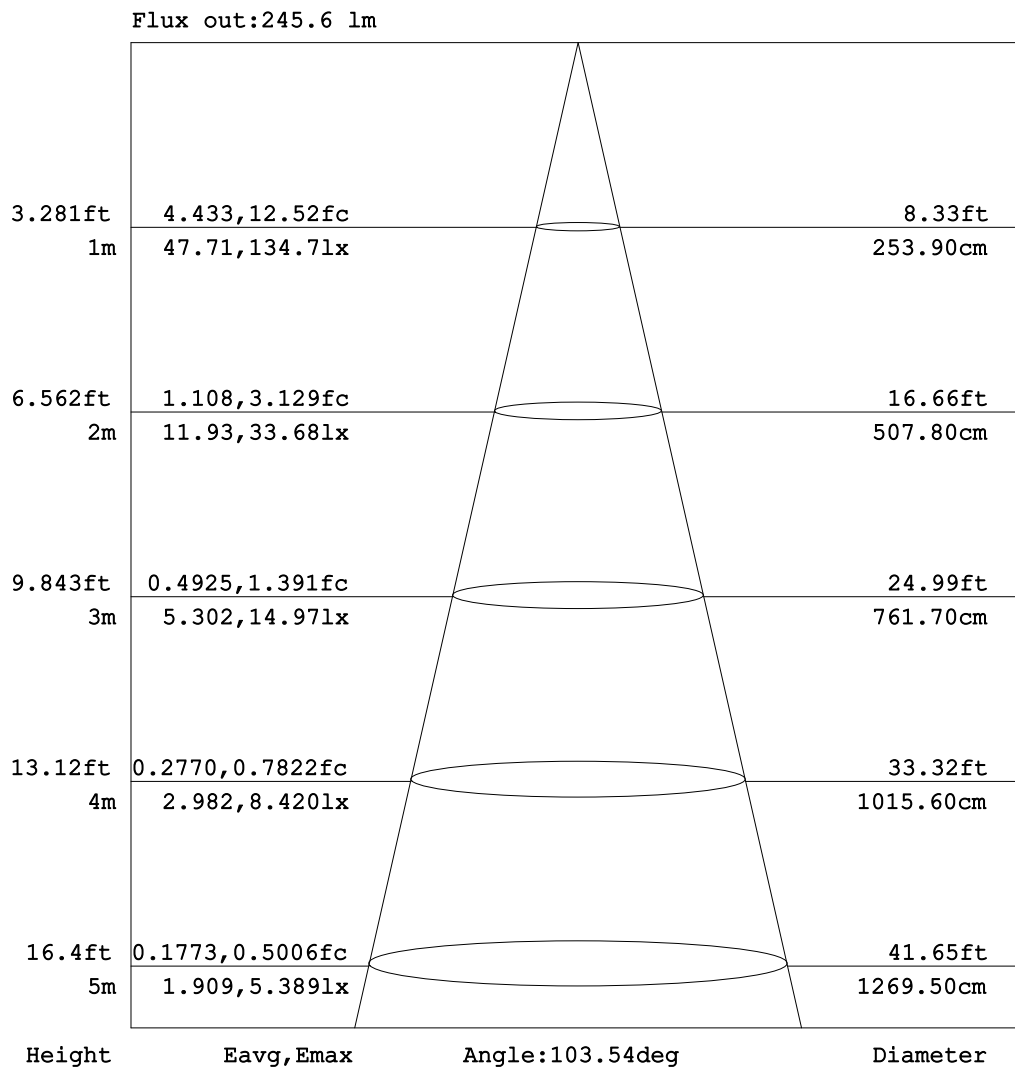


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-15

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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



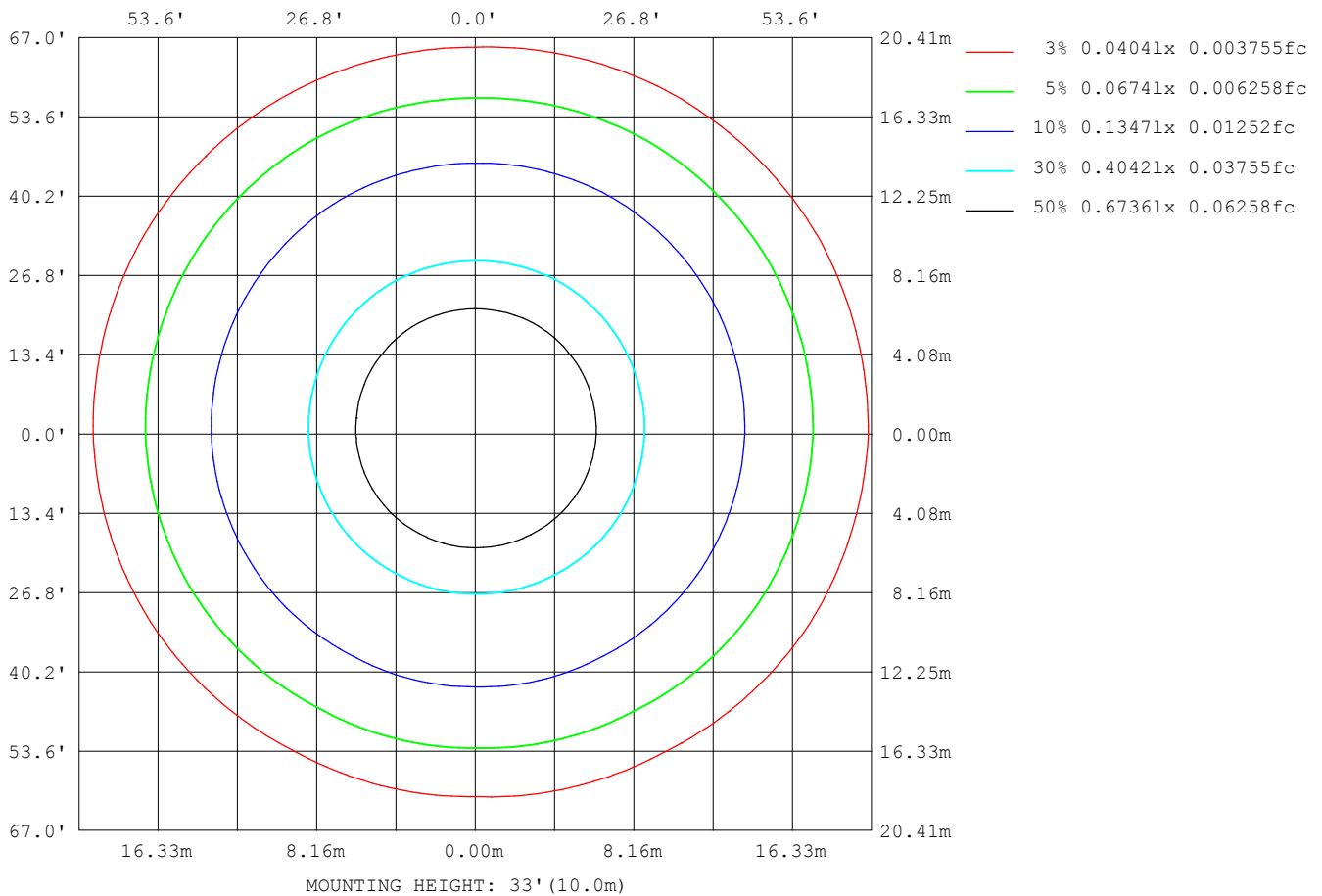
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

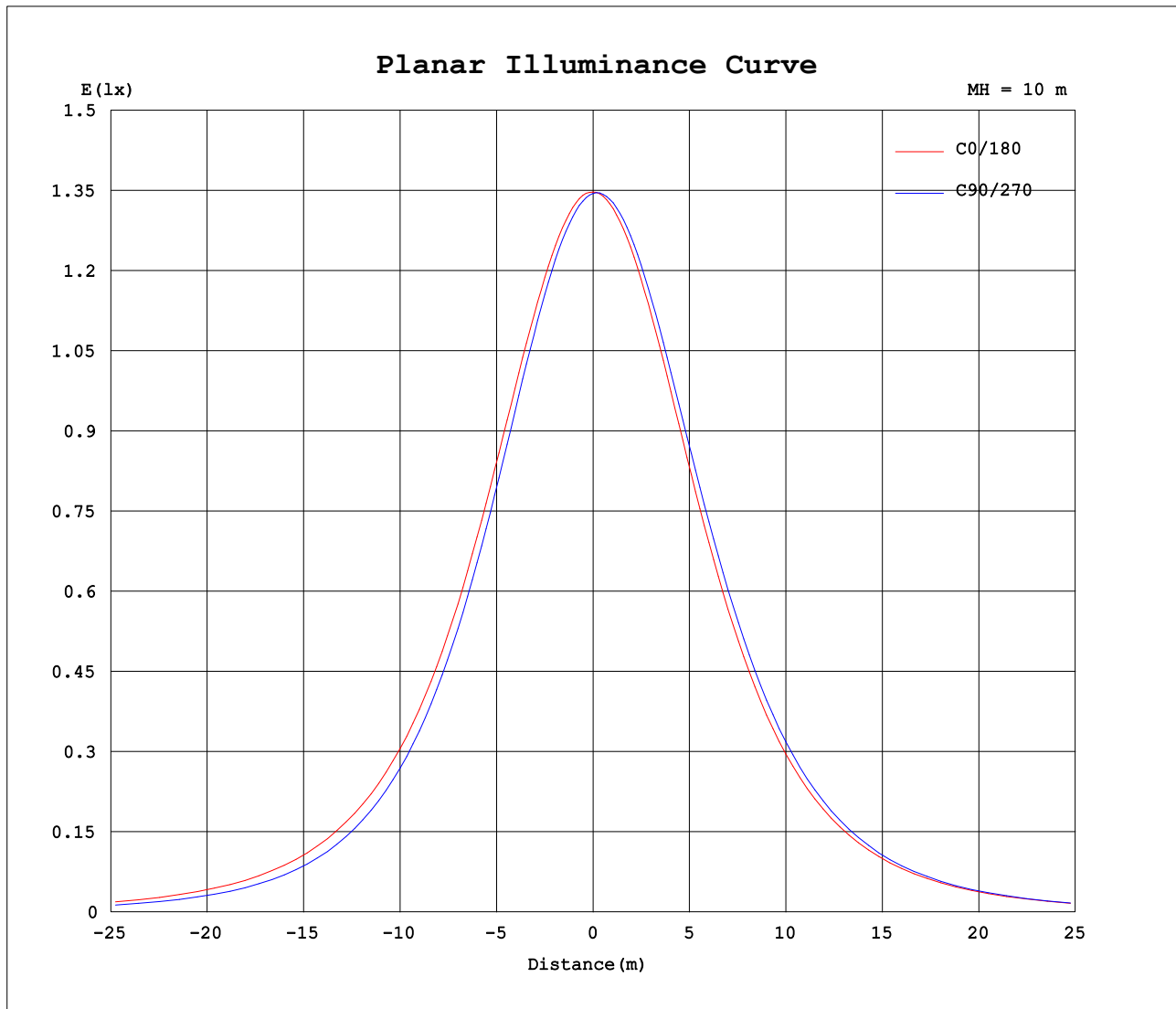
Test:U:24.00V I:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221224
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



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:0.2318A P:5.563W PF:1.000 Lamp Flux:362.732x1 lm		
NAME: SP01-24V-5050-60-RGBW-2700K-80-W	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	135	135	135	134	134	134	135	135	135	134	134	134							
5	134	134	133	133	133	133	134	134	135	135	135	134							
10	132	131	130	130	130	131	132	133	134	134	134	133							
15	129	128	126	126	126	127	129	130	132	132	132	130							
20	125	123	121	120	120	122	124	126	128	128	128	127							
25	120	117	114	113	114	116	119	121	123	124	123	122							
30	113	110	107	106	106	108	111	114	117	117	117	115							
35	105	102	98.1	96.6	97.1	99.9	103	106	109	110	110	108							
40	96.1	92.5	88.7	86.7	87.4	90.3	93.9	96.9	100.0	101	101	99.0							
45	86.6	82.6	78.4	76.2	76.9	80.0	83.6	86.6	89.5	90.2	91.2	89.2							
50	76.3	72.2	67.5	65.1	65.7	69.2	72.9	75.4	78.1	78.7	80.1	78.6							
55	65.8	61.6	56.3	53.7	54.4	58.2	61.6	63.8	66.0	66.2	68.2	67.5							
60	54.6	50.7	45.2	42.5	43.3	47.2	50.4	52.1	53.4	53.6	55.7	56.0							
65	43.5	40.1	34.6	31.7	32.8	36.8	39.0	40.6	41.1	40.6	43.3	44.4							
70	33.0	29.9	24.9	21.9	23.6	26.8	28.0	29.5	29.7	28.3	31.7	33.2							
75	22.7	20.3	16.4	13.3	15.6	17.9	18.6	19.4	19.6	17.6	21.1	22.7							
80	13.4	11.8	9.29	7.21	9.02	10.6	10.9	10.9	11.0	8.53	12.0	13.1							
85	5.79	5.14	3.92	3.37	4.05	4.77	4.57	4.31	4.51	3.57	4.81	5.41							
90	1.78	1.55	1.35	1.25	1.34	1.41	0.89	0.86	0.77	0.89	0.88	1.20							
95	1.27	1.30	1.27	1.34	1.28	1.30	0.69	0.69	0.76	0.87	0.74	0.72							
100	1.29	1.36	1.34	1.43	1.34	1.39	0.79	0.73	0.85	0.89	0.85	0.73							
105	1.40	1.47	1.43	1.54	1.44	1.50	0.90	0.84	0.96	1.10	0.94	0.83							
110	1.46	1.57	1.54	1.63	1.54	1.61	1.02	0.94	1.06	1.03	1.04	0.93							
115	1.57	1.67	1.63	1.73	1.65	1.72	1.14	1.05	1.16	1.11	1.16	1.06							
120	1.66	1.76	1.74	1.83	1.74	1.81	1.26	1.17	1.27	1.21	1.27	1.16							
125	1.75	1.86	1.82	1.91	1.84	1.90	1.39	1.29	1.37	1.32	1.38	1.28							
130	1.84	1.94	1.91	2.00	1.94	2.00	1.51	1.41	1.49	1.42	1.48	1.41							
135	1.95	2.02	1.97	2.08	2.01	2.08	1.64	1.54	1.60	1.53	1.60	1.53							
140	2.01	2.10	2.07	2.16	2.09	2.16	1.77	1.68	1.72	1.65	1.72	1.66							
145	2.09	2.18	2.11	2.22	2.15	2.24	1.89	1.81	1.85	1.77	1.85	1.81							
150	2.17	2.24	2.17	2.29	2.24	2.31	2.02	1.93	1.98	1.92	1.98	1.94							
155	2.22	2.31	2.26	2.35	2.33	2.38	2.14	2.06	2.12	2.02	2.11	2.06							
160	2.29	2.38	2.33	2.43	2.40	2.45	2.24	2.17	2.22	2.15	2.21	2.16							
165	2.39	2.44	2.38	2.49	2.42	2.51	2.34	2.27	2.33	2.26	2.32	2.27							
170	2.42	2.49	2.42	2.50	2.47	2.51	2.44	2.35	2.42	2.36	2.42	2.39							
175	2.52	2.52	2.49	2.50	2.49	2.51	2.50	2.42	2.49	2.42	2.49	2.43							
180	2.52	2.51	2.51	2.49	2.51	2.51	2.52	2.49	2.51	2.52	2.52	2.50							

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	134.7	134.6	134.5	134.4	134.4	134.3	134.7	134.6	134.5	134.4
3.0	134.6	134.1	133.8	133.6	133.6	133.7	134.5	134.7	134.8	134.8
6.0	134.0	133.2	132.5	132.2	132.2	132.8	133.7	134.3	134.7	134.9
9.0	132.8	131.8	130.8	130.5	130.5	131.3	132.6	133.4	134.1	134.4
12.0	131.3	129.9	128.6	128.2	128.3	129.4	130.9	132.0	133.1	133.4
15.0	129.3	127.7	126.0	125.6	125.6	127.1	128.9	130.3	131.6	132.0
18.0	126.8	124.9	122.9	122.4	122.6	124.2	126.3	128.0	129.6	130.1
21.0	124.0	121.9	119.4	118.9	119.0	121.0	123.3	125.2	127.2	127.5
24.0	120.8	118.4	115.6	114.8	115.0	117.2	119.8	122.1	124.3	124.7
27.0	117.0	114.3	111.4	110.3	110.7	112.9	115.7	118.3	120.8	121.3
30.0	112.9	110.1	106.7	105.6	106.0	108.4	111.4	114.2	116.8	117.4
33.0	108.3	105.2	101.6	100.3	100.8	103.3	106.6	109.6	112.4	113.0
36.0	103.3	99.94	96.30	94.63	95.26	97.96	101.4	104.5	107.4	108.0
39.0	97.93	94.46	90.63	88.74	89.39	92.32	95.83	98.93	101.9	102.5
42.0	92.47	88.66	84.66	82.58	83.27	86.29	89.87	92.91	95.92	96.62
45.0	86.57	82.63	78.44	76.20	76.88	79.99	83.61	86.61	89.50	90.21
48.0	80.49	76.43	71.96	69.72	70.22	73.64	77.23	79.98	82.80	83.27
51.0	74.34	70.10	65.34	62.93	63.50	66.92	70.64	73.17	75.72	76.10
54.0	67.88	63.63	58.62	56.03	56.72	60.35	63.95	66.24	68.45	68.93
57.0	61.25	57.17	51.85	49.21	49.91	53.76	57.23	59.21	60.93	60.84
60.0	54.65	50.66	45.16	42.50	43.32	47.19	50.38	52.10	53.40	53.55
63.0	47.97	44.49	38.72	35.86	36.89	40.86	43.54	45.29	45.92	45.45
66.0	41.28	37.90	32.55	29.64	30.90	34.72	36.77	38.42	38.77	38.07
69.0	34.93	31.91	26.77	23.77	25.32	28.71	30.13	31.65	31.87	30.73
72.0	28.57	25.93	21.39	18.23	20.19	23.06	23.99	25.47	25.50	23.83
75.0	22.68	20.27	16.43	13.34	15.58	17.91	18.63	19.42	19.61	17.56
78.0	16.86	15.12	12.01	9.251	11.40	13.22	13.81	14.02	14.29	11.62
81.0	11.66	10.37	8.047	6.303	7.873	9.284	9.563	9.458	9.583	7.309
84.0	7.138	6.305	4.812	4.025	4.894	5.746	5.755	5.422	5.638	4.205
87.0	3.530	3.229	2.425	2.261	2.612	2.959	2.493	2.404	2.568	2.223
90.0	1.784	1.550	1.352	1.254	1.339	1.405	0.8915	0.8610	0.7681	0.8887
93.0	1.310	1.281	1.274	1.309	1.274	1.281	0.6787	0.6927	0.7205	0.8658
96.0	1.267	1.309	1.274	1.358	1.295	1.316	0.7134	0.6926	0.7896	0.9070
99.0	1.274	1.351	1.316	1.413	1.316	1.378	0.7621	0.7203	0.8313	0.8589
102.0	1.302	1.406	1.371	1.462	1.378	1.434	0.8383	0.7685	0.9006	1.094
105.0	1.399	1.468	1.434	1.538	1.440	1.503	0.9007	0.8380	0.9559	1.101
108.0	1.406	1.524	1.510	1.593	1.496	1.572	0.9767	0.9000	1.011	1.039
111.0	1.502	1.579	1.572	1.655	1.565	1.628	1.046	0.9625	1.081	1.046
114.0	1.537	1.642	1.620	1.718	1.627	1.676	1.109	1.046	1.143	1.087
117.0	1.607	1.704	1.696	1.780	1.710	1.752	1.185	1.094	1.205	1.163
120.0	1.662	1.759	1.738	1.829	1.745	1.815	1.261	1.170	1.275	1.212
123.0	1.718	1.808	1.793	1.884	1.828	1.870	1.330	1.260	1.330	1.288
126.0	1.766	1.870	1.835	1.932	1.856	1.926	1.406	1.316	1.399	1.337
129.0	1.821	1.905	1.884	1.995	1.932	1.981	1.489	1.385	1.462	1.392
132.0	1.870	1.967	1.932	2.029	1.953	2.036	1.566	1.475	1.531	1.461
135.0	1.946	2.022	1.974	2.085	2.008	2.085	1.642	1.537	1.600	1.530
138.0	1.974	2.064	2.015	2.113	2.064	2.133	1.725	1.627	1.669	1.600
141.0	2.036	2.119	2.064	2.168	2.092	2.182	1.794	1.717	1.746	1.669
144.0	2.071	2.168	2.092	2.196	2.154	2.210	1.877	1.793	1.822	1.738
147.0	2.098	2.189	2.160	2.244	2.188	2.258	1.947	1.856	1.905	1.821
150.0	2.168	2.237	2.175	2.293	2.237	2.306	2.023	1.932	1.981	1.925
153.0	2.202	2.279	2.237	2.334	2.278	2.355	2.092	2.001	2.064	1.981
156.0	2.251	2.327	2.265	2.369	2.327	2.396	2.168	2.071	2.134	2.050
159.0	2.285	2.362	2.313	2.417	2.396	2.438	2.217	2.154	2.196	2.119
162.0	2.320	2.410	2.355	2.459	2.396	2.479	2.279	2.195	2.265	2.175
165.0	2.389	2.445	2.382	2.493	2.417	2.507	2.341	2.272	2.327	2.264
168.0	2.403	2.473	2.410	2.500	2.452	2.507	2.397	2.313	2.376	2.299
171.0	2.438	2.500	2.424	2.500	2.479	2.507	2.452	2.382	2.431	2.396
174.0	2.521	2.514	2.472	2.500	2.486	2.507	2.487	2.403	2.473	2.396
177.0	2.521	2.507	2.514	2.500	2.493	2.507	2.514	2.431	2.507	2.451
180.0	2.521	2.507	2.514	2.493	2.507	2.507	2.521	2.486	2.514	2.521
G/C	300.0	330.0								
0.0	134.4	134.3								
3.0	134.7	134.4								
6.0	134.6	134.2								
9.0	134.1	133.4								
12.0	133.1	132.2								
15.0	131.7	130.4								
18.0	129.8	128.3								
21.0	127.4	125.8								
24.0	124.5	122.8								
27.0	121.1	119.4								
30.0	117.3	115.4								

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:

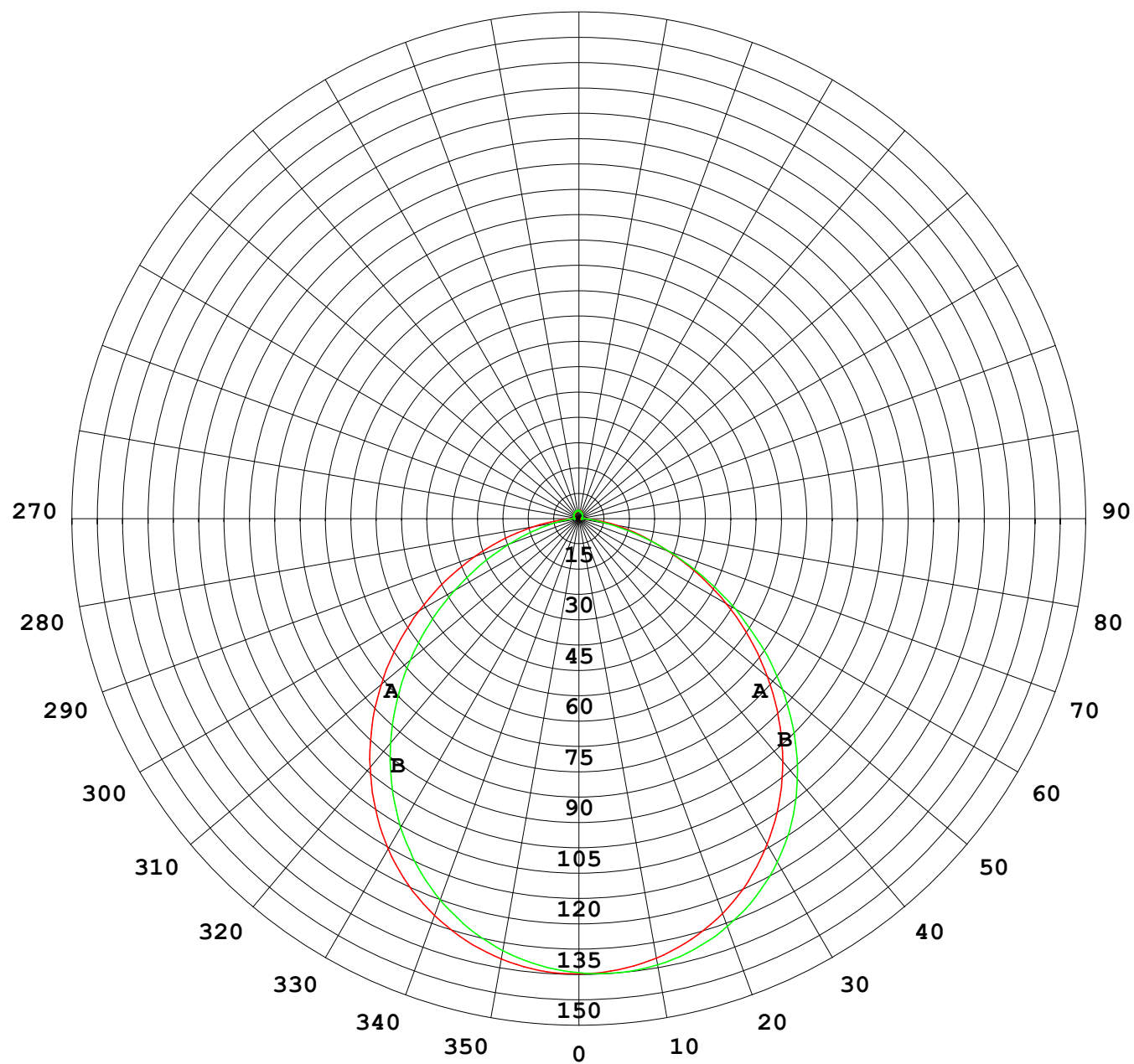
Photometric Data Table [cd]

33.0	113.0	111.0
36.0	108.2	106.2
39.0	103.0	100.8
42.0	97.33	95.11
45.0	91.16	89.18
48.0	84.68	82.86
51.0	77.78	76.39
54.0	70.59	69.84
57.0	63.16	63.03
60.0	55.65	56.02
63.0	48.18	49.29
66.0	40.95	42.19
69.0	33.97	35.51
72.0	27.34	29.12
75.0	21.15	22.65
78.0	15.49	16.80
81.0	10.34	11.55
84.0	6.052	6.753
87.0	2.707	3.079
90.0	0.8779	1.201
93.0	0.7274	0.7485
96.0	0.7619	0.7203
99.0	0.8244	0.7203
102.0	0.8799	0.7616
105.0	0.9353	0.8311
108.0	0.9559	0.8795
111.0	1.060	0.9487
114.0	1.129	1.052
117.0	1.199	1.080
120.0	1.274	1.156
123.0	1.337	1.226
126.0	1.392	1.302
129.0	1.462	1.392
132.0	1.545	1.468
135.0	1.600	1.530
138.0	1.669	1.614
141.0	1.739	1.703
144.0	1.822	1.766
147.0	1.905	1.842
150.0	1.981	1.939
153.0	2.057	2.001
156.0	2.140	2.071
159.0	2.189	2.153
162.0	2.258	2.188
165.0	2.320	2.272
168.0	2.383	2.320
171.0	2.431	2.389
174.0	2.480	2.431
177.0	2.521	2.479
180.0	2.521	2.500

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

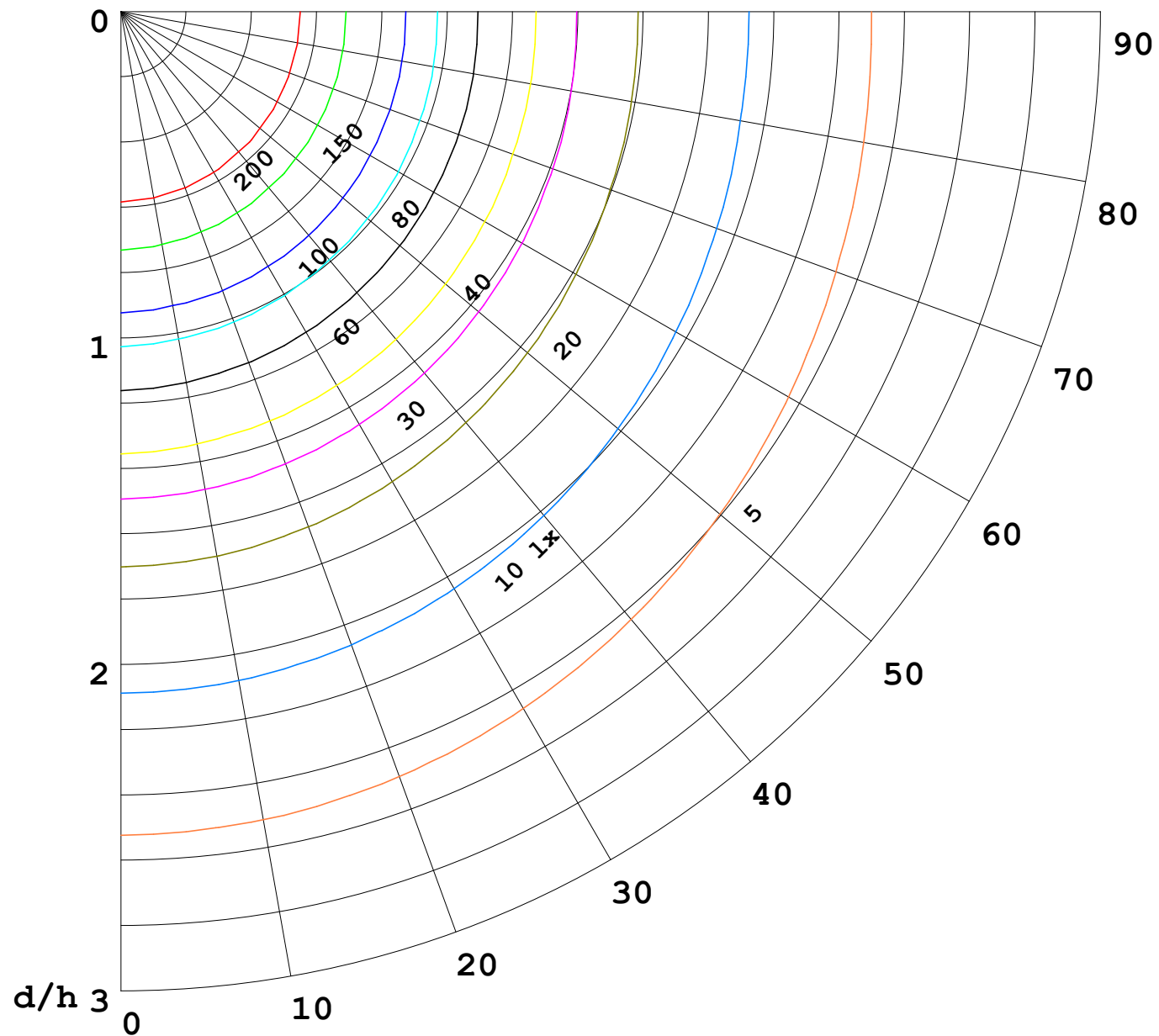
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

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

