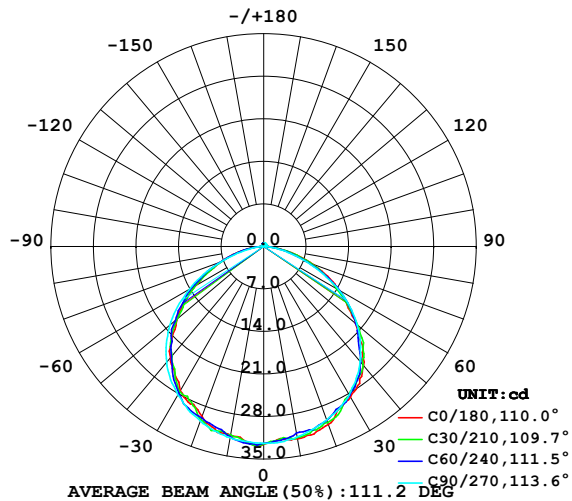


LUMINAIRE PHOTOMETRIC TEST REPORT

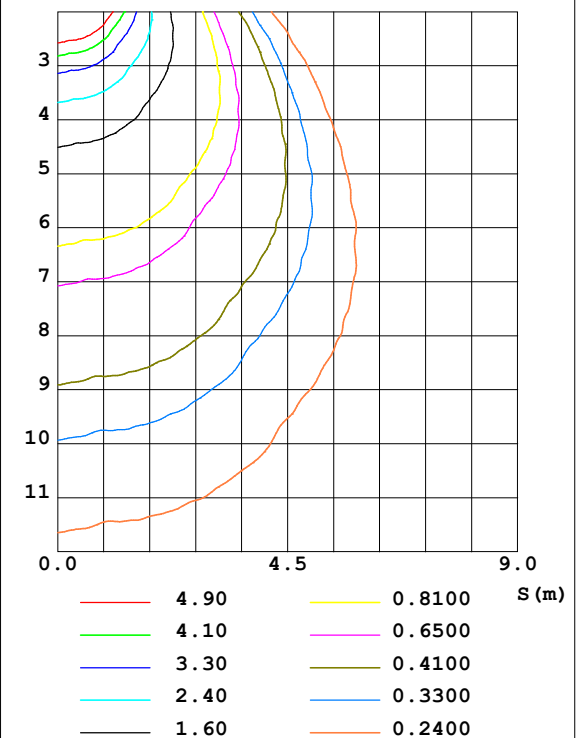
Test:U:24.00V I:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 22.57 lm/W			
MODEL	5050	I _{max} (cd)	32.84	S/MH (C0/180)	1.32
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	93.297	η UP, DN (C0-180)	1.3, 49.2
NOMINAL FLUX (lm)	93.2968	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.0, 48.5
LAMPS INSIDE	1	η up (%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



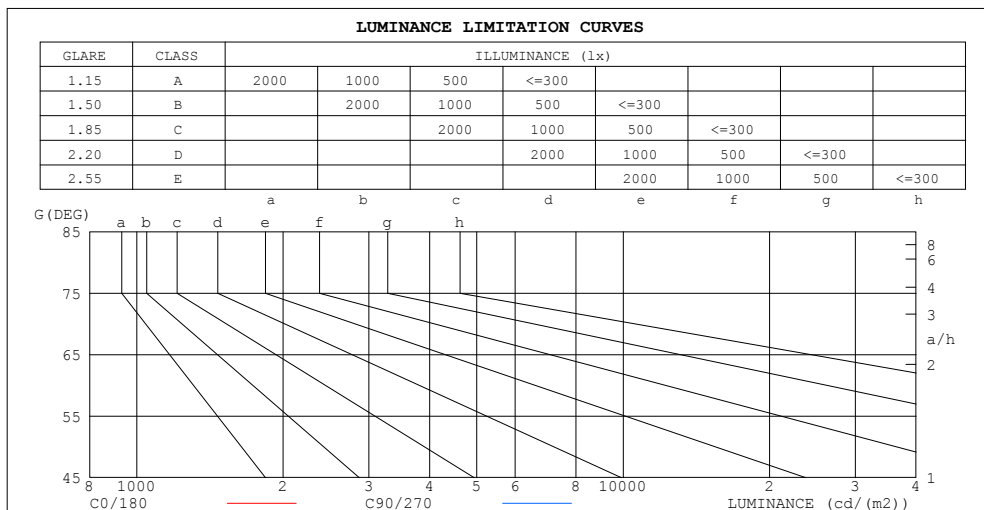
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

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	32.13	31.56	31.80	31.50	31.55	31.62	31.95	31.39	0- 10	3.050	3.050	3.27,3.27
20	31.17	30.63	30.37	29.96	29.71	30.15	30.55	30.36	10- 20	8.794	11.84	12.7,12.7
30	28.63	28.32	28.21	27.49	27.47	27.75	28.22	28.04	20- 30	13.47	25.31	27.1,27.1
40	25.55	25.14	24.69	23.48	23.89	23.57	24.82	25.04	30- 40	16.49	41.80	44.8,44.8
50	19.74	20.01	20.09	18.96	18.62	18.82	20.17	19.86	40- 50	17.05	58.85	63.1,63.1
60	14.12	14.12	14.25	13.38	13.05	13.35	14.12	13.95	50- 60	14.86	73.71	79,79
70	8.600	8.153	7.619	7.689	7.571	7.534	7.457	8.133	60- 70	10.68	84.39	90.5,90.5
80	3.108	2.840	2.365	3.006	3.057	2.887	2.198	2.819	70- 80	5.478	89.87	96.3,96.3
90	0.2704	0.2736	0.3117	0.2809	0.1315	0.1561	0.1875	0.1525	80- 90	1.306	91.18	97.7,97.7
100	0.2563	0.2841	0.3671	0.2943	0.1593	0.1663	0.1731	0.1662	90-100	0.2408	91.42	98,98
110	0.2770	0.3220	0.3880	0.3461	0.2286	0.2112	0.1731	0.2009	100-110	0.2614	91.68	98.3,98.3
120	0.3254	0.3878	0.4363	0.4052	0.2771	0.2597	0.2008	0.2390	110-120	0.2905	91.97	98.6,98.6
130	0.3948	0.4260	0.4710	0.4329	0.3465	0.3152	0.2770	0.3013	120-130	0.3138	92.28	98.9,98.9
140	0.4155	0.4502	0.5056	0.4710	0.4226	0.3947	0.3392	0.3670	130-140	0.3034	92.59	99.2,99.2
150	0.4986	0.5159	0.5402	0.5090	0.4780	0.4468	0.4153	0.4364	140-150	0.2817	92.87	99.5,99.5
160	0.5056	0.5333	0.5402	0.5194	0.5472	0.5194	0.4778	0.4917	150-160	0.2295	93.10	99.8,99.8
170	0.5194	0.5401	0.5402	0.5368	0.5471	0.5402	0.5125	0.5160	160-170	0.1492	93.25	99.9,99.9
180	0.5402	0.5402	0.5402	0.5368	0.5471	0.5575	0.5333	0.5333	170-180	0.0511	93.30	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	120	103
80	179	136
75	222	178
70	251	223
65	276	257
60	282	285
55	293	302
50	307	313
45	326	319

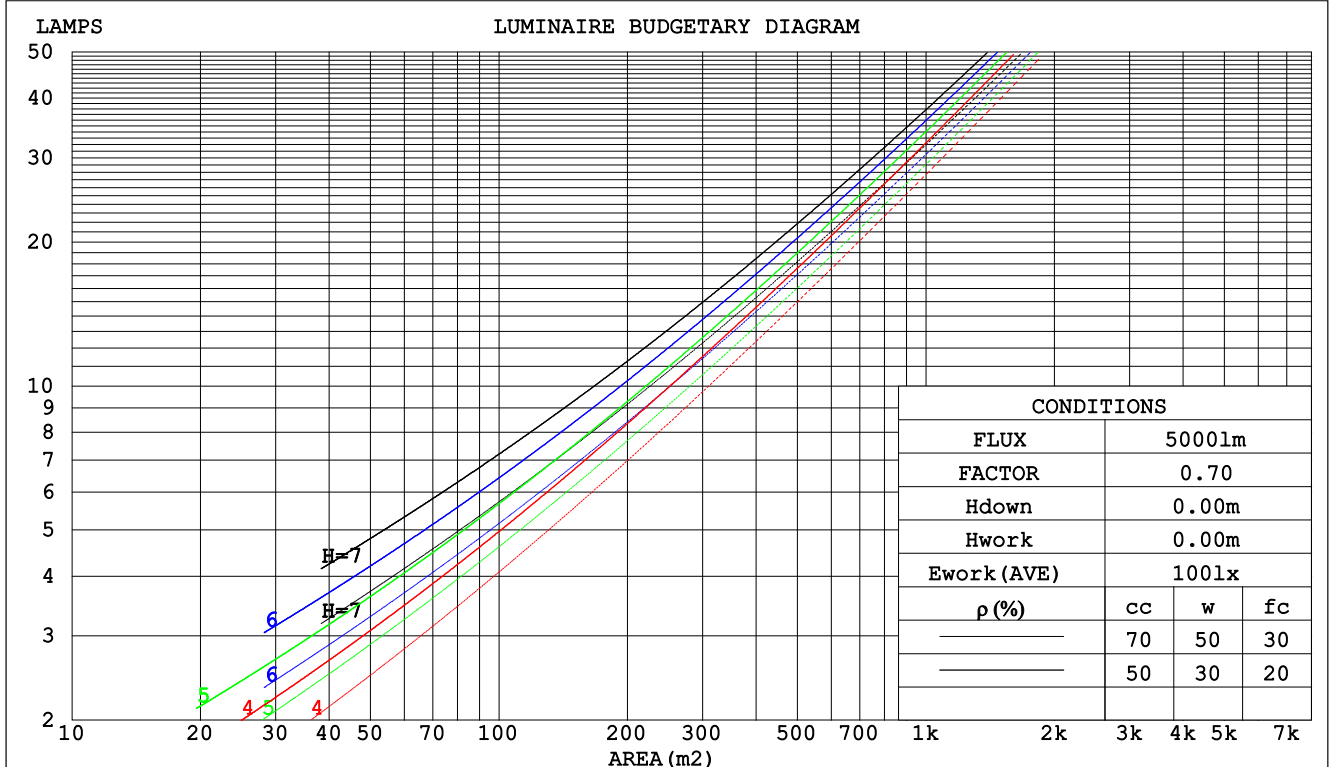
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	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															



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm					
NAME: SP01-24V-5050-60-RGB-R			TYPE: 硅胶		WEIGHT:
DIM.: 15MM*7MM			SPEC.:		SERIAL No.:202301007
MFR.: OLYMPIA			SUR.:1*0.015		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	.298	.169	.054	.290	.166	.053	.276	.158	.051	.262	.151	.049	.250	.145	.047		
2.0	.283	.155	.048	.276	.152	.047	.263	.146	.045	.251	.141	.044	.241	.136	.043		
3.0	.263	.140	.042	.257	.138	.041	.246	.133	.041	.235	.129	.040	.226	.125	.039		
4.0	.244	.127	.037	.239	.125	.037	.229	.121	.036	.219	.118	.036	.210	.114	.035		
5.0	.226	.115	.033	.222	.114	.033	.213	.111	.033	.204	.108	.032	.196	.105	.032		
6.0	.210	.106	.030	.206	.104	.030	.198	.102	.030	.191	.099	.029	.183	.097	.029		
7.0	.196	.097	.028	.192	.096	.027	.185	.094	.027	.178	.091	.027	.172	.089	.026		
8.0	.184	.090	.025	.180	.089	.025	.174	.087	.025	.167	.085	.024	.162	.083	.024		
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.162	.078	.022	.159	.077	.021	.154	.075	.021	.149	.074	.021	.144	.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	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.197	.174	.153	.169	.149	.131	.115	.103	.091	.066	.059	.053	.021	.019	.017	
2.0	.189	.150	.117	.162	.129	.101	.111	.089	.070	.064	.052	.041	.020	.017	.013	
3.0	.181	.132	.093	.155	.114	.081	.106	.079	.057	.061	.046	.033	.020	.015	.011	
4.0	.173	.119	.077	.149	.103	.067	.102	.071	.047	.059	.042	.028	.019	.014	.009	
5.0	.166	.108	.066	.143	.094	.057	.098	.065	.040	.057	.038	.024	.018	.013	.008	
6.0	.159	.100	.057	.137	.087	.050	.094	.061	.035	.055	.036	.021	.018	.012	.007	
7.0	.152	.093	.051	.131	.081	.045	.091	.057	.032	.053	.033	.019	.017	.011	.006	
8.0	.146	.087	.047	.126	.076	.041	.087	.053	.029	.051	.031	.017	.016	.010	.006	
9.0	.140	.082	.043	.121	.071	.038	.084	.050	.027	.049	.030	.016	.016	.010	.005	
10.0	.134	.078	.041	.116	.068	.035	.080	.048	.025	.047	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm										
NAME: SP01-24V-5050-60-RGB-R					TYPE: 硅胶			WEIGHT:		
DIM.: 15MM*7MM					SPEC.:			SERIAL No.:202301007		
MFR.: OLYMPIA					SUR.:1*0.015			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	8.6	10.1	8.9	10.3	10.6	8.7	10.1	9.0	10.4	10.6
3H	10.0	11.4	10.4	11.7	11.9	9.9	11.2	10.2	11.5	11.8
4H	10.5	11.8	10.9	12.1	12.4	10.2	11.5	10.6	11.8	12.1
6H	10.9	12.1	11.2	12.4	12.7	10.4	11.6	10.8	11.9	12.2
8H	10.9	12.1	11.3	12.4	12.7	10.4	11.6	10.8	11.9	12.3
12H	10.9	12.1	11.3	12.4	12.7	10.4	11.5	10.8	11.9	12.2
4H 2H	9.2	10.5	9.5	10.7	11.0	9.2	10.5	9.5	10.8	11.1
3H	10.8	11.9	11.1	12.2	12.6	10.5	11.7	10.9	12.0	12.4
4H	11.4	12.4	11.8	12.8	13.1	11.0	12.0	11.4	12.4	12.8
6H	11.8	12.7	12.2	13.1	13.5	11.3	12.2	11.7	12.6	13.0
8H	11.9	12.7	12.3	13.1	13.6	11.3	12.2	11.8	12.6	13.0
12H	11.9	12.7	12.4	13.1	13.6	11.4	12.1	11.8	12.6	13.0
8H 4H	11.5	12.4	12.0	12.8	13.2	11.2	12.0	11.7	12.5	12.9
6H	12.1	12.8	12.6	13.2	13.7	11.6	12.3	12.1	12.7	13.2
8H	12.2	12.9	12.7	13.3	13.8	11.7	12.3	12.2	12.8	13.3
12H	12.3	12.9	12.8	13.3	13.9	11.8	12.3	12.3	12.8	13.3
12H 4H	11.5	12.3	12.0	12.7	13.2	11.2	12.0	11.7	12.4	12.9
6H	12.1	12.7	12.6	13.2	13.7	11.6	12.2	12.1	12.7	13.2
8H	12.3	12.8	12.8	13.3	13.8	11.8	12.3	12.3	12.8	13.3
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	+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 93.30 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.2)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

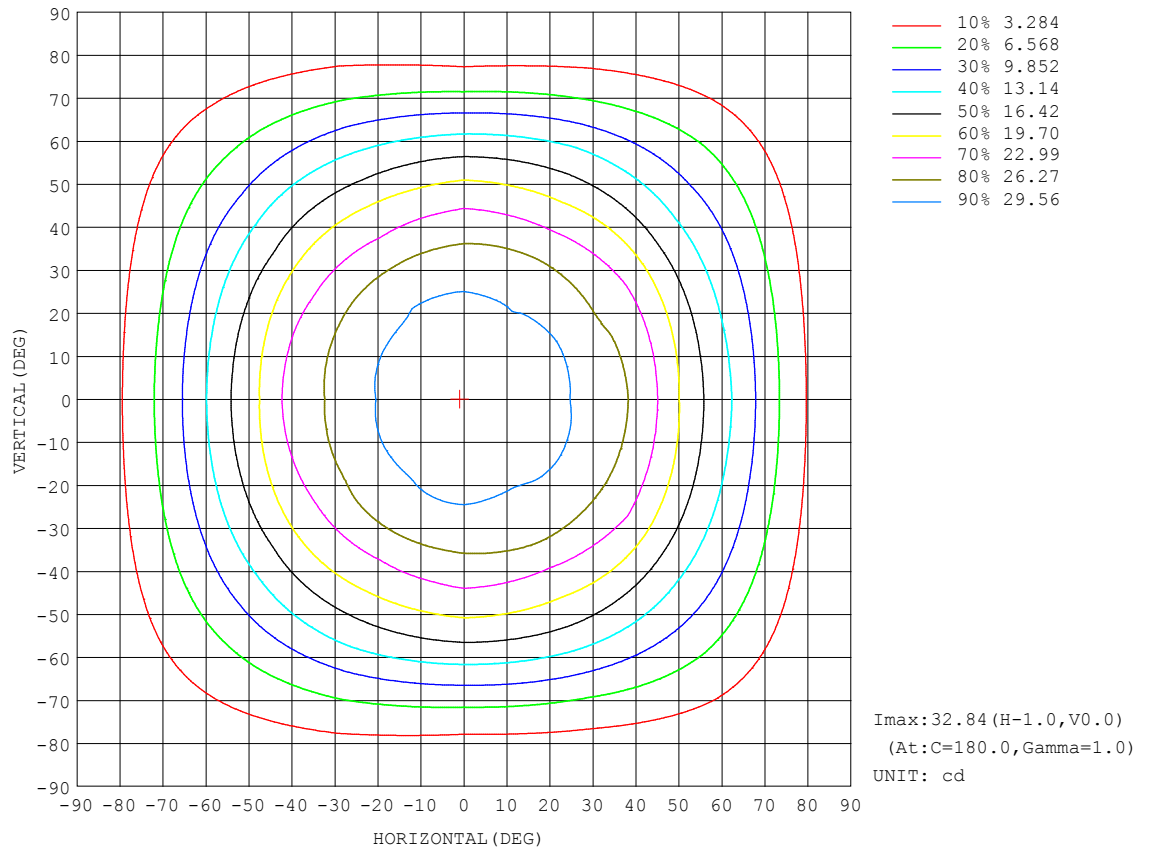
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	55	45	39	32
0.80	68	56	49	66	56	49	65	55	48	41
1.00	76	65	58	75	64	58	72	66	57	50
1.25	83	73	66	82	72	65	79	70	64	57
1.50	88	78	72	86	77	71	83	75	70	62
2.00	95	87	80	93	85	79	89	83	78	70
2.50	99	91	85	97	90	84	93	87	82	73
3.00	102	95	90	100	94	89	95	91	86	77
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:2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

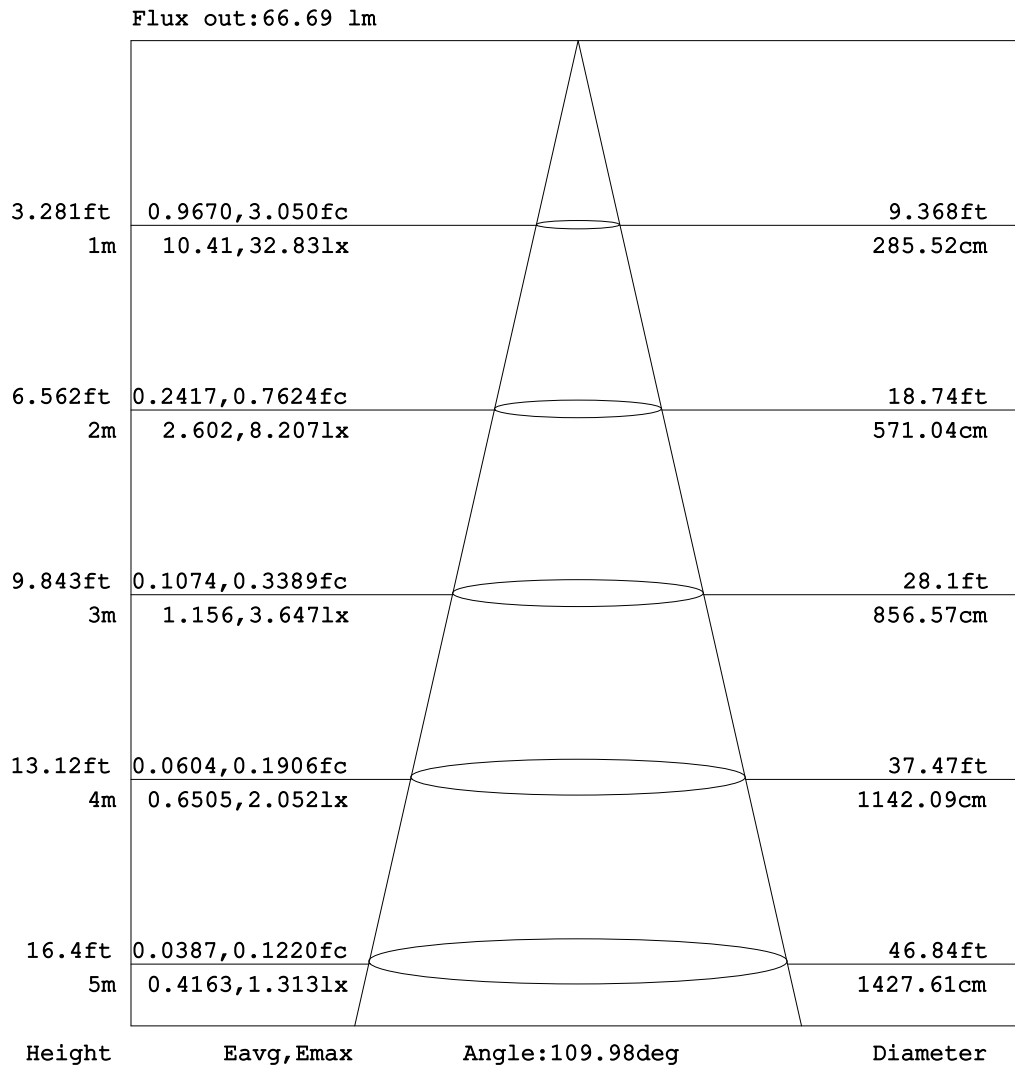


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



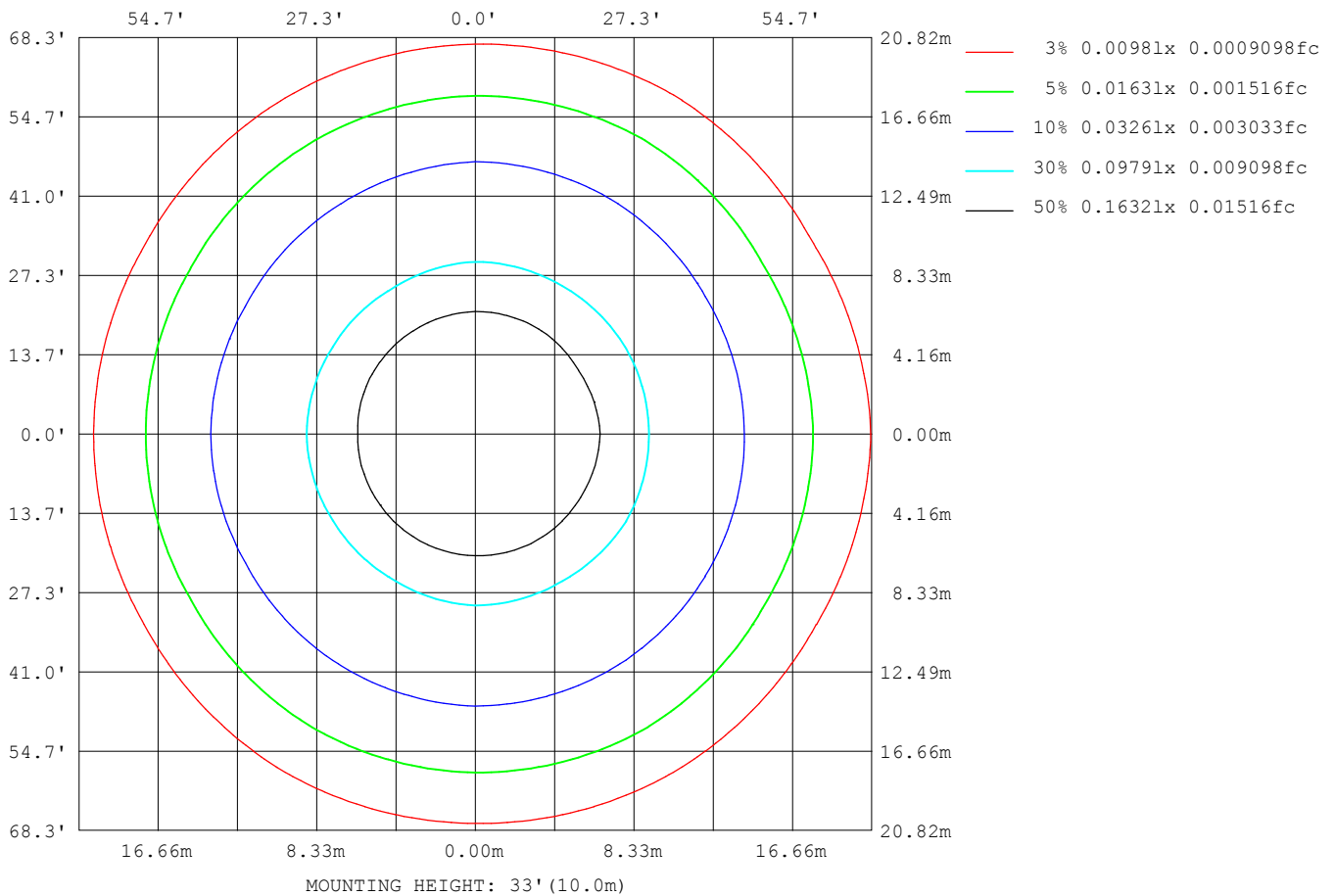
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

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

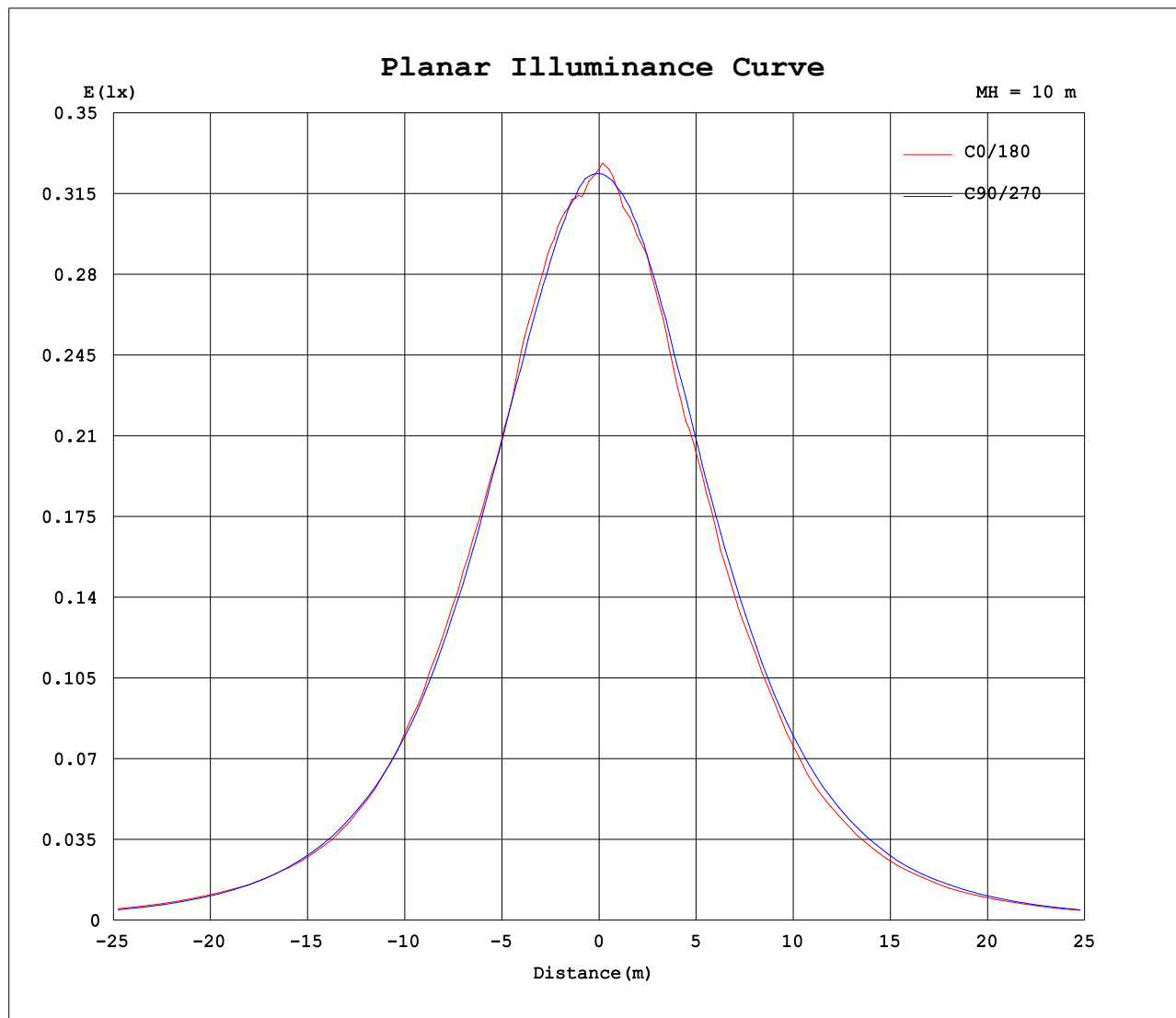
Test:U:24.00V I:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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: 2023-01-06

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:0.1722A P:4.133W PF:1.000 Lamp Flux:93.2968x1 lm		
NAME: SP01-24V-5050-60-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	32.6	32.5	32.4	32.4	32.3	32.2	32.6	32.5	32.4	32.4	32.3	32.2							
5	31.7	31.8	32.0	32.3	32.4	32.1	32.2	32.4	32.5	32.2	31.7	31.5							
10	32.1	31.9	31.2	31.8	31.7	31.3	31.6	31.5	31.8	32.0	31.1	31.7							
15	31.9	31.3	31.2	31.1	30.7	31.0	31.1	31.4	30.8	31.4	31.0	30.9							
20	31.2	30.8	30.4	30.4	29.9	30.0	29.7	30.3	30.0	30.6	30.2	30.5							
25	29.5	29.9	29.3	29.5	29.4	28.2	28.6	28.2	29.4	29.6	29.1	29.7							
30	28.6	28.3	28.4	28.2	27.8	27.2	27.5	27.6	27.9	28.2	28.2	27.9							
35	27.5	26.8	26.9	26.5	26.1	25.6	25.5	25.5	26.0	26.7	26.8	26.7							
40	25.6	25.5	24.8	24.7	23.5	23.5	23.9	23.5	23.7	24.8	25.0	25.1							
45	23.0	23.2	22.1	22.5	21.5	21.4	21.4	21.6	21.4	22.7	22.1	23.0							
50	19.7	20.2	19.8	20.1	19.2	18.8	18.6	18.6	19.0	20.2	19.7	20.0							
55	16.8	17.0	17.3	17.3	16.5	15.8	15.9	15.7	16.3	17.3	17.1	16.6							
60	14.1	13.8	14.4	14.2	13.8	13.0	13.1	13.0	13.7	14.1	14.3	13.6							
65	11.6	11.2	11.1	10.9	10.8	10.1	10.2	10.0	10.7	11.0	11.3	10.8							
70	8.60	8.47	7.83	7.62	7.87	7.51	7.57	7.37	7.70	7.46	8.01	8.25							
75	5.75	5.68	4.91	4.60	5.23	5.13	5.25	4.99	5.13	4.47	4.88	5.58							
80	3.11	3.09	2.59	2.37	3.00	3.01	3.06	2.87	2.90	2.20	2.70	2.94							
85	1.05	1.01	0.92	0.90	1.28	1.29	1.17	1.13	1.13	0.86	0.93	0.95							
90	0.27	0.26	0.28	0.31	0.30	0.26	0.13	0.16	0.15	0.19	0.16	0.15							
95	0.26	0.27	0.28	0.35	0.28	0.28	0.13	0.14	0.18	0.17	0.17	0.13							
100	0.26	0.30	0.26	0.37	0.28	0.30	0.16	0.14	0.19	0.17	0.20	0.13							
105	0.28	0.34	0.27	0.37	0.28	0.33	0.19	0.15	0.21	0.17	0.21	0.15							
110	0.28	0.35	0.30	0.39	0.35	0.35	0.23	0.18	0.24	0.17	0.24	0.17							
115	0.30	0.39	0.32	0.42	0.36	0.39	0.26	0.18	0.26	0.19	0.26	0.17							
120	0.33	0.40	0.37	0.44	0.39	0.42	0.28	0.22	0.30	0.20	0.28	0.19							
125	0.37	0.42	0.40	0.46	0.40	0.44	0.33	0.28	0.32	0.26	0.30	0.25							
130	0.39	0.44	0.41	0.47	0.41	0.46	0.35	0.28	0.35	0.28	0.33	0.27							
135	0.39	0.47	0.41	0.49	0.41	0.48	0.39	0.30	0.38	0.30	0.37	0.28							
140	0.42	0.48	0.42	0.51	0.44	0.50	0.42	0.37	0.42	0.34	0.41	0.33							
145	0.44	0.51	0.44	0.52	0.44	0.52	0.45	0.40	0.45	0.39	0.44	0.39							
150	0.50	0.53	0.51	0.54	0.48	0.54	0.48	0.42	0.48	0.42	0.47	0.40							
155	0.51	0.55	0.52	0.54	0.49	0.54	0.51	0.44	0.52	0.42	0.50	0.43							
160	0.51	0.55	0.52	0.54	0.50	0.54	0.55	0.49	0.55	0.48	0.53	0.45							
165	0.51	0.55	0.52	0.54	0.51	0.54	0.55	0.51	0.57	0.51	0.53	0.50							
170	0.52	0.55	0.53	0.54	0.53	0.54	0.55	0.51	0.57	0.51	0.53	0.50							
175	0.53	0.55	0.53	0.54	0.53	0.54	0.55	0.53	0.57	0.53	0.53	0.51							
180	0.54	0.55	0.53	0.54	0.53	0.54	0.55	0.54	0.57	0.53	0.53	0.53							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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	32.55	32.47	32.38	32.37	32.29	32.22	32.55	32.47	32.38	32.37
3.0	32.18	32.08	32.14	32.38	32.47	32.34	32.69	32.75	32.48	32.31
6.0	31.95	31.63	31.83	32.24	32.41	31.84	32.02	32.08	32.45	32.18
9.0	32.05	32.09	31.50	32.00	32.01	31.39	31.64	31.69	32.04	32.10
12.0	32.12	31.85	31.19	31.62	31.20	30.87	31.43	31.17	31.31	31.74
15.0	31.94	31.30	31.24	31.12	30.72	30.98	31.09	31.36	30.78	31.39
18.0	31.40	31.06	30.69	30.72	30.26	30.55	30.53	30.88	30.33	30.92
21.0	31.04	30.72	30.23	30.11	29.70	29.83	29.39	29.99	29.88	30.30
24.0	29.72	30.26	29.36	29.67	29.44	28.44	28.43	28.65	29.61	29.81
27.0	29.03	28.97	29.08	28.90	28.76	27.62	28.20	27.69	29.10	29.01
30.0	28.63	28.27	28.36	28.21	27.76	27.23	27.47	27.59	27.91	28.22
33.0	28.01	27.47	27.59	27.22	26.75	26.24	26.16	26.40	26.77	27.26
36.0	26.90	26.65	26.52	26.22	25.44	24.98	25.10	24.92	25.53	26.33
39.0	25.87	25.86	25.23	25.12	24.17	23.96	24.41	24.06	24.14	25.28
42.0	24.44	24.62	23.69	23.90	22.76	22.67	23.21	22.85	22.84	24.00
45.0	23.03	23.15	22.11	22.54	21.51	21.40	21.40	21.56	21.45	22.68
48.0	21.08	21.35	20.75	21.11	20.21	19.87	19.47	19.87	20.45	21.19
51.0	19.31	19.57	19.37	19.62	18.64	18.09	18.20	17.91	18.55	19.67
54.0	17.22	17.52	17.83	17.90	17.13	16.37	16.54	16.27	16.89	17.92
57.0	15.79	15.70	16.17	16.15	15.34	14.92	14.64	14.75	15.29	15.96
60.0	14.12	13.79	14.44	14.25	13.79	12.97	13.05	13.02	13.68	14.12
63.0	12.77	12.26	12.42	12.18	12.00	11.31	11.30	11.20	11.71	12.24
66.0	10.90	10.63	10.47	10.19	10.12	9.692	9.503	9.472	10.14	10.20
69.0	9.107	8.992	8.436	8.257	8.484	8.084	8.077	7.851	8.290	8.151
72.0	7.426	7.404	6.587	6.338	6.732	6.512	6.588	6.397	6.580	6.226
75.0	5.747	5.675	4.909	4.603	5.235	5.129	5.252	4.991	5.127	4.472
78.0	4.086	4.048	3.461	3.231	3.842	3.820	3.908	3.654	3.715	2.941
81.0	2.630	2.593	2.200	1.978	2.615	2.615	2.676	2.503	2.503	1.886
84.0	1.397	1.334	1.195	1.092	1.583	1.597	1.547	1.430	1.444	1.083
87.0	0.5221	0.4836	0.5009	0.5184	0.7715	0.6978	0.5449	0.5636	0.6071	0.4864
90.0	0.2704	0.2632	0.2841	0.3117	0.2986	0.2632	0.1315	0.1598	0.1524	0.1875
93.0	0.2563	0.2701	0.2770	0.3325	0.2770	0.2702	0.1247	0.1385	0.1595	0.1801
96.0	0.2563	0.2701	0.2770	0.3533	0.2770	0.2840	0.1455	0.1385	0.1732	0.1731
99.0	0.2563	0.2910	0.2770	0.3671	0.2840	0.3047	0.1593	0.1385	0.1871	0.1731
102.0	0.2563	0.3185	0.2769	0.3671	0.2840	0.3255	0.1594	0.1385	0.2009	0.1731
105.0	0.2770	0.3394	0.2701	0.3671	0.2840	0.3326	0.1871	0.1523	0.2148	0.1731
108.0	0.2770	0.3531	0.2840	0.3810	0.2978	0.3463	0.2215	0.1662	0.2286	0.1731
111.0	0.2770	0.3463	0.2978	0.4018	0.3531	0.3465	0.2286	0.1869	0.2425	0.1731
114.0	0.2977	0.3741	0.3117	0.4087	0.3601	0.3879	0.2426	0.1801	0.2632	0.1869
117.0	0.3048	0.3879	0.3254	0.4226	0.3740	0.4087	0.2703	0.2008	0.2770	0.2008
120.0	0.3254	0.4017	0.3738	0.4363	0.3949	0.4156	0.2771	0.2216	0.2978	0.2008
123.0	0.3601	0.4225	0.4015	0.4502	0.4018	0.4295	0.3048	0.2629	0.3048	0.2491
126.0	0.3946	0.4295	0.4086	0.4572	0.4017	0.4433	0.3257	0.2770	0.3324	0.2632
129.0	0.3948	0.4364	0.4086	0.4710	0.4085	0.4640	0.3395	0.2770	0.3464	0.2770
132.0	0.3948	0.4572	0.4086	0.4779	0.4086	0.4641	0.3601	0.2908	0.3602	0.2770
135.0	0.3948	0.4710	0.4086	0.4917	0.4086	0.4780	0.3878	0.3047	0.3810	0.2978
138.0	0.4155	0.4779	0.4086	0.4987	0.4433	0.4917	0.4018	0.3323	0.4018	0.3254
141.0	0.4155	0.4849	0.4155	0.5057	0.4433	0.5056	0.4294	0.3809	0.4226	0.3531
144.0	0.4362	0.4987	0.4433	0.5194	0.4433	0.5194	0.4502	0.3947	0.4433	0.3878
147.0	0.4570	0.5126	0.4708	0.5264	0.4777	0.5264	0.4641	0.4085	0.4710	0.3878
150.0	0.4986	0.5264	0.5055	0.5402	0.4779	0.5402	0.4780	0.4155	0.4780	0.4153
153.0	0.5057	0.5402	0.5262	0.5402	0.4917	0.5402	0.5056	0.4293	0.5056	0.4223
156.0	0.5056	0.5471	0.5194	0.5402	0.4917	0.5402	0.5194	0.4363	0.5264	0.4293
159.0	0.5056	0.5471	0.5194	0.5402	0.4917	0.5402	0.5334	0.4778	0.5403	0.4707
162.0	0.5056	0.5471	0.5194	0.5402	0.5055	0.5402	0.5471	0.5056	0.5541	0.5054
165.0	0.5056	0.5471	0.5194	0.5402	0.5125	0.5402	0.5471	0.5056	0.5680	0.5125
168.0	0.5194	0.5471	0.5194	0.5402	0.5400	0.5402	0.5471	0.5056	0.5748	0.5125
171.0	0.5263	0.5471	0.5264	0.5402	0.5333	0.5402	0.5471	0.5125	0.5748	0.5125
174.0	0.5264	0.5471	0.5333	0.5402	0.5333	0.5402	0.5471	0.5264	0.5748	0.5331
177.0	0.5333	0.5471	0.5333	0.5402	0.5333	0.5402	0.5471	0.5264	0.5748	0.5264
180.0	0.5402	0.5471	0.5333	0.5402	0.5333	0.5402	0.5471	0.5402	0.5748	0.5333
G/C	300.0	330.0								
0.0	32.29	32.22								
3.0	31.93	31.86								
6.0	31.64	31.22								
9.0	31.28	31.81								
12.0	31.02	31.49								
15.0	31.00	30.92								
18.0	30.61	30.72								
21.0	30.06	30.30								
24.0	29.46	29.96								
27.0	28.88	28.71								
30.0	28.23	27.86								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-01-06

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:

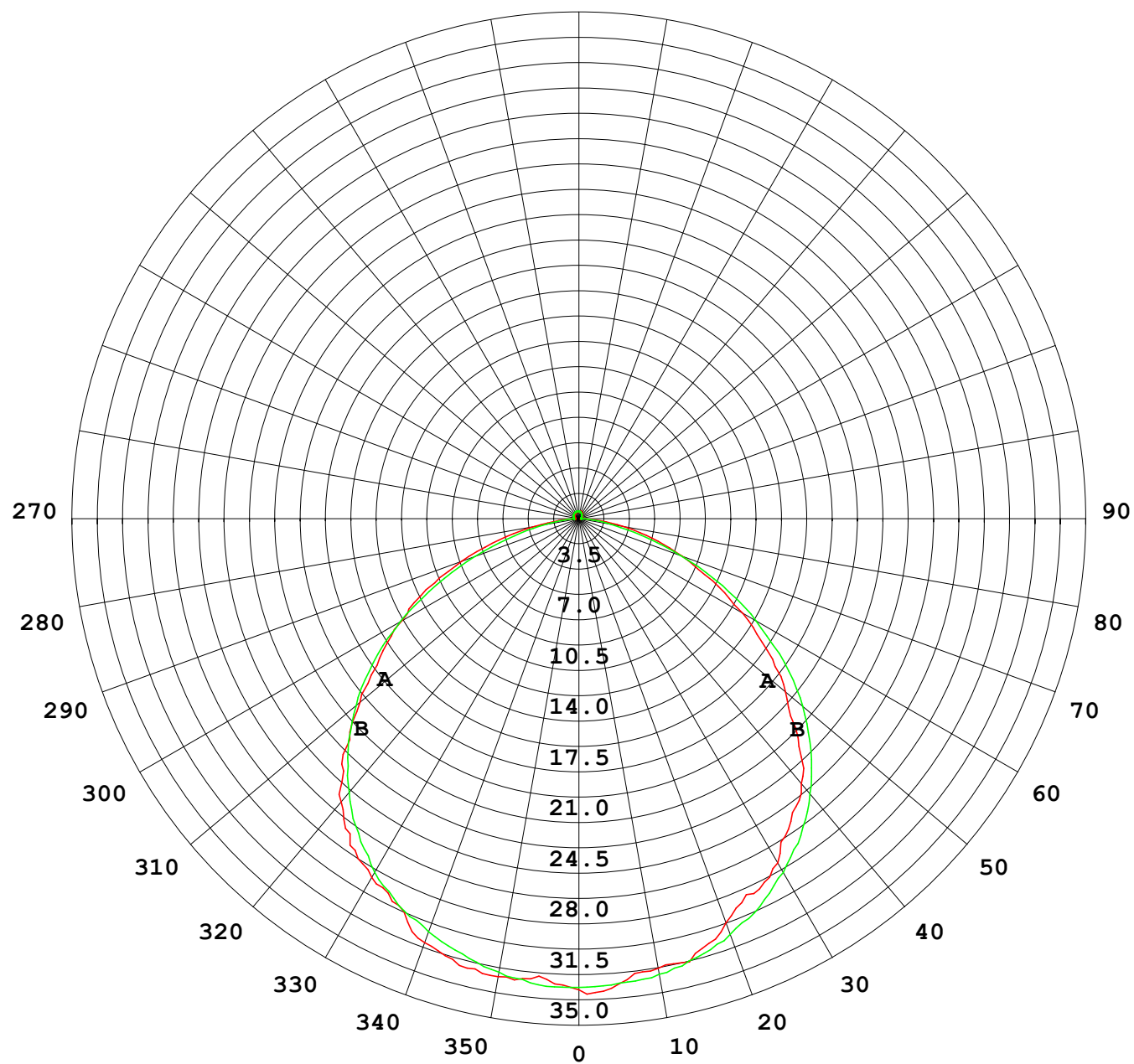
Photometric Data Table [cd]

33.0	27.44	27.11
36.0	26.37	26.16
39.0	25.60	25.50
42.0	23.91	24.37
45.0	22.13	22.96
48.0	20.60	20.87
51.0	19.18	19.07
54.0	17.67	17.12
57.0	16.01	15.32
60.0	14.34	13.56
63.0	12.40	11.86
66.0	10.51	10.36
69.0	8.650	8.834
72.0	6.696	7.118
75.0	4.878	5.580
78.0	3.548	3.917
81.0	2.295	2.483
84.0	1.236	1.285
87.0	0.4278	0.4316
90.0	0.1592	0.1457
93.0	0.1525	0.1385
96.0	0.1731	0.1316
99.0	0.1871	0.1316
102.0	0.2009	0.1316
105.0	0.2148	0.1453
108.0	0.2286	0.1592
111.0	0.2424	0.1662
114.0	0.2563	0.1662
117.0	0.2633	0.1871
120.0	0.2841	0.1939
123.0	0.2979	0.2078
126.0	0.3255	0.2631
129.0	0.3324	0.2701
132.0	0.3533	0.2701
135.0	0.3671	0.2840
138.0	0.3949	0.3116
141.0	0.4088	0.3255
144.0	0.4364	0.3805
147.0	0.4503	0.4017
150.0	0.4710	0.4017
153.0	0.4917	0.4155
156.0	0.5126	0.4294
159.0	0.5264	0.4363
162.0	0.5333	0.4847
165.0	0.5333	0.4987
168.0	0.5333	0.4987
171.0	0.5333	0.5055
174.0	0.5333	0.5056
177.0	0.5333	0.5264
180.0	0.5333	0.5333

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

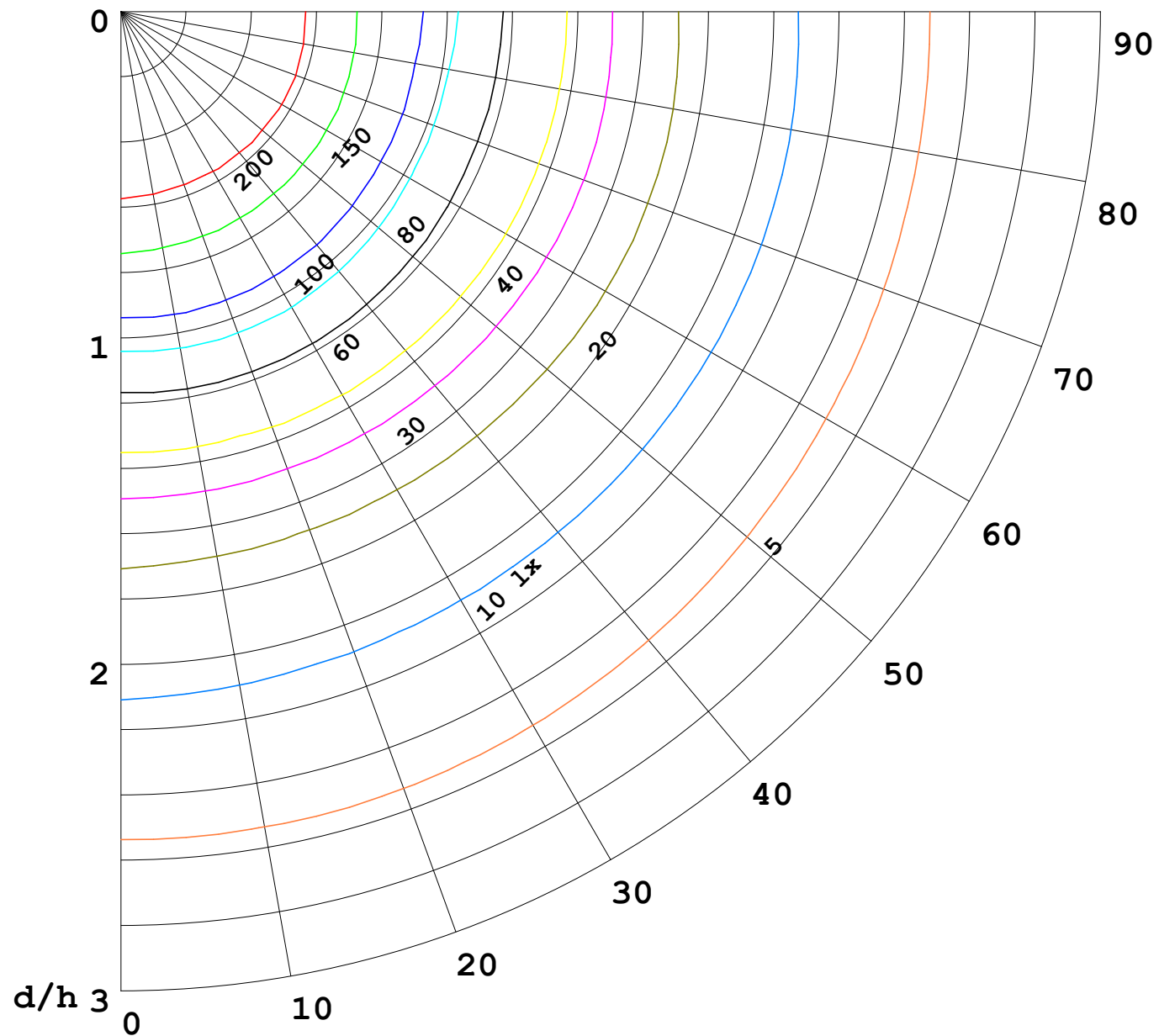
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

