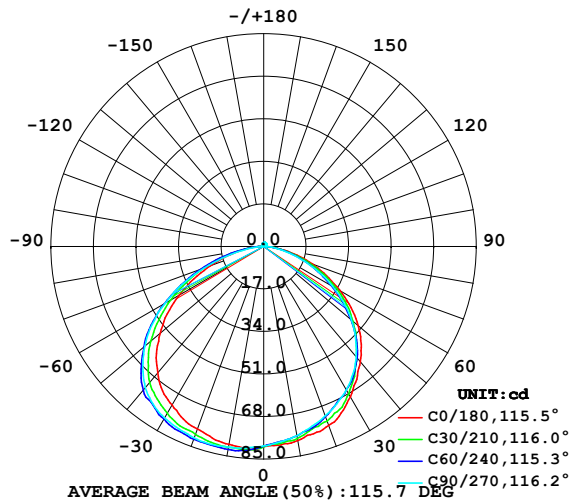


LUMINAIRE PHOTOMETRIC TEST REPORT

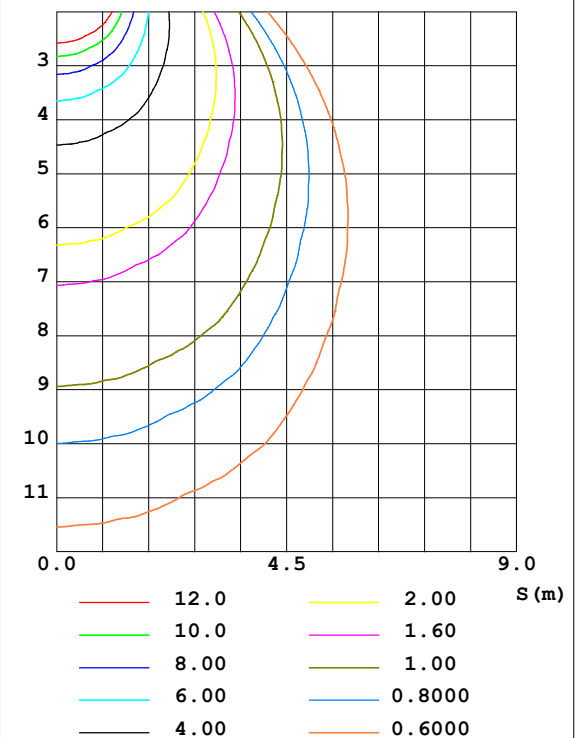
Test:U:24.00V I:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.54 lm/W			
MODEL	5050	I _{max} (cd)	82.47	S/MH (C0/180)	1.28
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	249.25	η UP, DN (C0-180)	1.5, 44.6
NOMINAL FLUX (lm)	249.246	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 52.8
LAMPS INSIDE	1	η up (%)	2.6	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	97.4	CIBSE SHR MAX	1.50

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	78.76	77.42	76.71	78.54	80.22	81.96	81.49	80.25	0- 10	7.616	7.616	3.06,3.06
20	76.04	73.32	72.07	74.61	77.60	80.94	81.47	78.96	10- 20	22.14	29.76	11.9,11.9
30	69.47	67.11	66.12	69.15	73.20	78.36	79.22	75.24	20- 30	34.58	64.34	25.8,25.8
40	60.07	58.09	57.54	61.14	65.91	72.95	73.60	67.96	30- 40	43.11	107.5	43.1,43.1
50	49.23	46.06	45.86	48.89	54.05	60.70	62.02	56.05	40- 50	45.67	153.1	61.4,61.4
60	35.20	32.35	31.80	34.43	39.03	44.39	45.59	40.55	50- 60	40.83	194.0	77.8,77.8
70	20.81	18.47	17.16	19.88	22.64	26.29	25.49	23.71	60- 70	29.54	223.5	89.7,89.7
80	7.457	6.729	6.039	7.965	8.977	10.07	7.553	8.728	70- 80	15.45	238.9	95.9,95.9
90	0.7975	0.8521	0.9628	0.8667	0.4977	0.5169	0.6732	0.5336	80- 90	3.879	242.8	97.4,97.4
100	0.8378	0.9418	1.122	0.9350	0.4988	0.5159	0.5818	0.5611	90-100	0.7653	243.6	97.7,97.7
110	0.9625	1.087	1.198	1.070	0.6374	0.6440	0.6233	0.6649	100-110	0.8491	244.4	98.1,98.1
120	1.080	1.191	1.302	1.202	0.7896	0.7515	0.7130	0.7895	110-120	0.9128	245.4	98.4,98.4
130	1.198	1.288	1.385	1.306	0.9422	0.9003	0.8517	0.9419	120-130	0.9351	246.3	98.8,98.8
140	1.288	1.382	1.468	1.403	1.102	1.063	1.046	1.098	130-140	0.9049	247.2	99.2,99.2
150	1.378	1.461	1.538	1.479	1.268	1.226	1.198	1.264	140-150	0.8109	248.0	99.5,99.5
160	1.503	1.538	1.621	1.576	1.392	1.406	1.385	1.423	150-160	0.6565	248.7	99.8,99.8
170	1.551	1.638	1.634	1.614	1.552	1.537	1.503	1.548	160-170	0.4327	249.1	99.9,99.9
180	1.614	1.624	1.634	1.614	1.621	1.628	1.628	1.614	170-180	0.1523	249.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	303	295
80	429	348
75	533	416
70	609	502
65	655	577
60	704	636
55	744	681
50	766	714
45	781	735

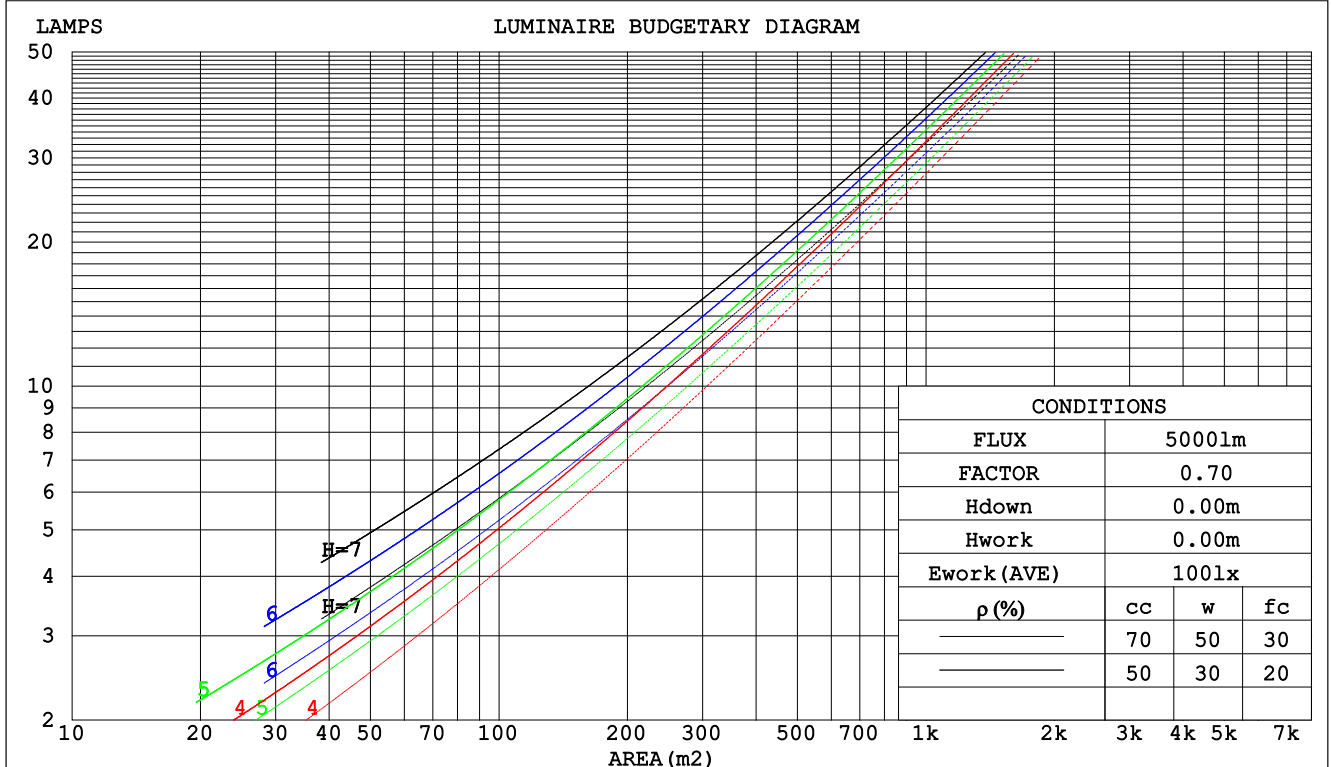
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	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															
	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	.99	.96	1.01	.97	.94	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.78	.88	.82	.77	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.65	.77	.70	.64	.74	.68	.62	.71	.65	.61	.68	.63	.60	.57
4.0	.70	.61	.55	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm					
NAME: SP01-24V-5050-60-RGB-G			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	.304	.173	.055	.296	.169	.054	.281	.161	.051	.268	.154	.050	.255	.148	.048	
2.0	.288	.158	.048	.281	.155	.048	.268	.149	.046	.256	.143	.045	.245	.138	.044	
3.0	.267	.142	.043	.261	.140	.042	.250	.135	.041	.239	.131	.040	.229	.127	.039	
4.0	.247	.129	.038	.242	.127	.037	.232	.123	.037	.222	.119	.036	.213	.116	.035	
5.0	.229	.117	.034	.224	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032	
6.0	.213	.107	.031	.208	.105	.030	.200	.103	.030	.192	.100	.029	.185	.098	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.180	.092	.027	.173	.090	.026	
8.0	.185	.091	.025	.182	.089	.025	.175	.087	.025	.169	.085	.025	.163	.084	.024	
9.0	.174	.084	.023	.171	.083	.023	.164	.081	.023	.159	.080	.023	.153	.078	.023	
10.0	.163	.078	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.200	.176	.155	.171	.151	.133	.117	.104	.092	.067	.060	.054	.022	.019	.017	
2.0	.192	.152	.118	.164	.131	.102	.112	.090	.071	.065	.053	.042	.021	.017	.014	
3.0	.184	.134	.095	.158	.116	.082	.108	.080	.058	.063	.047	.034	.020	.015	.011	
4.0	.177	.121	.079	.151	.105	.068	.104	.073	.048	.060	.043	.028	.019	.014	.009	
5.0	.169	.111	.068	.145	.096	.059	.100	.067	.041	.058	.039	.025	.019	.013	.008	
6.0	.162	.102	.060	.139	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
7.0	.155	.096	.054	.134	.083	.047	.092	.058	.033	.054	.034	.020	.017	.011	.007	
8.0	.149	.090	.049	.128	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.143	.085	.046	.123	.074	.040	.085	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.137	.081	.043	.119	.070	.037	.082	.049	.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: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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm											
NAME: SP01-24V-5050-60-RGB-G					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		11.3	12.8	11.6	13.0	13.3	10.9	12.3	11.2	12.6	12.8
	3H	12.7	14.0	13.0	14.3	14.6	12.0	13.4	12.4	13.7	14.0
	4H	13.2	14.5	13.5	14.8	15.1	12.4	13.7	12.8	14.0	14.3
	6H	13.5	14.7	13.9	15.0	15.4	12.7	13.9	13.0	14.2	14.5
	8H	13.6	14.7	13.9	15.1	15.4	12.7	13.9	13.1	14.2	14.6
	12H	13.6	14.7	14.0	15.0	15.4	12.7	13.9	13.1	14.2	14.6
4H	2H	11.8	13.1	12.1	13.4	13.7	11.4	12.7	11.8	13.0	13.3
	3H	13.3	14.4	13.7	14.8	15.1	12.8	13.9	13.1	14.2	14.6
	4H	13.9	15.0	14.3	15.3	15.7	13.3	14.3	13.7	14.6	15.0
	6H	14.3	15.3	14.8	15.7	16.1	13.6	14.5	14.0	14.9	15.3
	8H	14.5	15.3	14.9	15.7	16.2	13.7	14.5	14.1	14.9	15.4
	12H	14.5	15.3	15.0	15.7	16.2	13.7	14.5	14.2	14.9	15.4
8H	4H	14.1	14.9	14.5	15.3	15.8	13.5	14.3	13.9	14.7	15.2
	6H	14.6	15.3	15.1	15.8	16.2	13.9	14.6	14.4	15.1	15.6
	8H	14.8	15.4	15.3	15.9	16.4	14.1	14.7	14.6	15.2	15.7
	12H	14.9	15.4	15.4	15.9	16.4	14.2	14.7	14.7	15.2	15.7
12H	4H	14.1	14.8	14.5	15.3	15.7	13.5	14.2	13.9	14.7	15.1
	6H	14.6	15.2	15.1	15.7	16.2	14.0	14.6	14.5	15.0	15.6
	8H	14.8	15.4	15.3	15.9	16.4	14.1	14.7	14.7	15.2	15.7
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 / - 0.3					

CIE Pub.117 Corrected 249.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.8)

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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

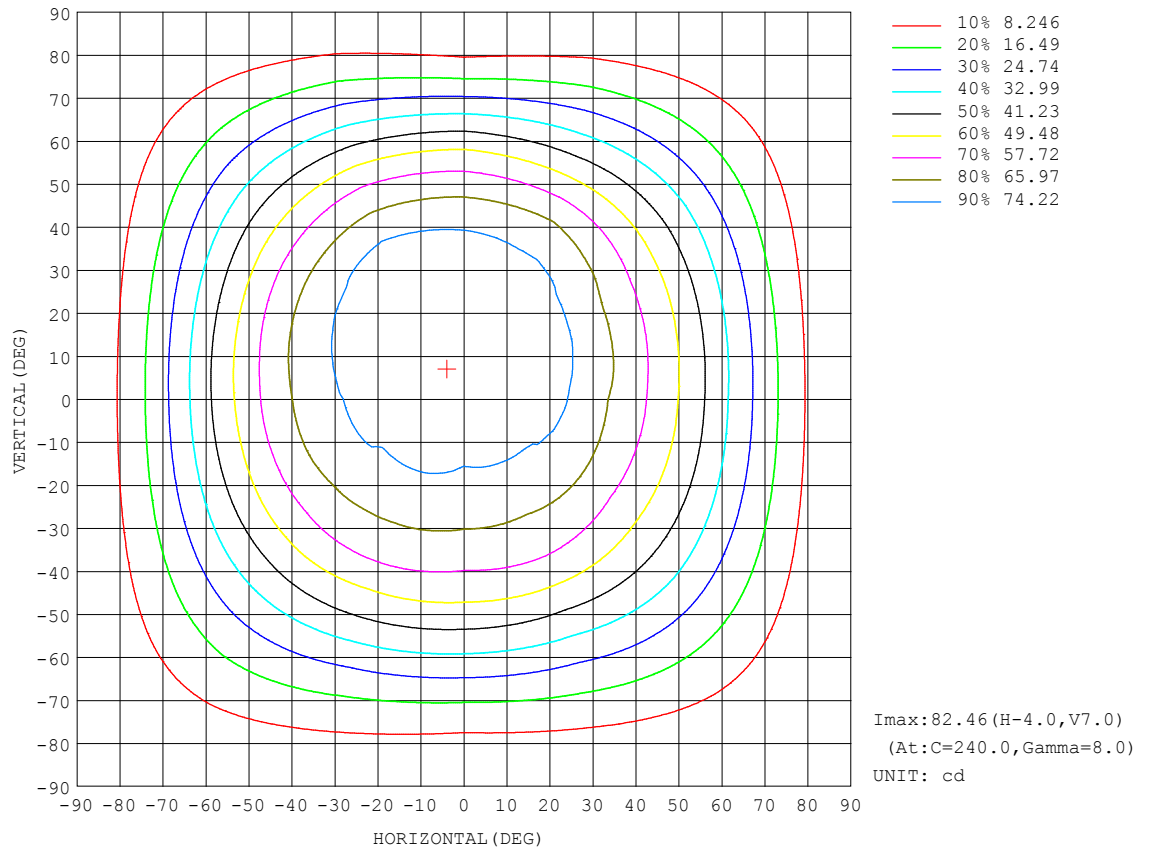
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	67	55	48	65	54	47	63	53	47	40
1.00	75	64	57	74	63	56	71	65	56	48
1.25	82	72	65	81	71	64	78	69	63	56
1.50	87	78	71	86	77	70	82	74	69	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	91	84	96	89	83	92	86	81	72
3.00	102	95	89	99	93	88	95	90	86	76
4.00	106	100	95	103	98	94	98	94	91	81
5.00	108	103	99	105	101	97	100	97	94	84
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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

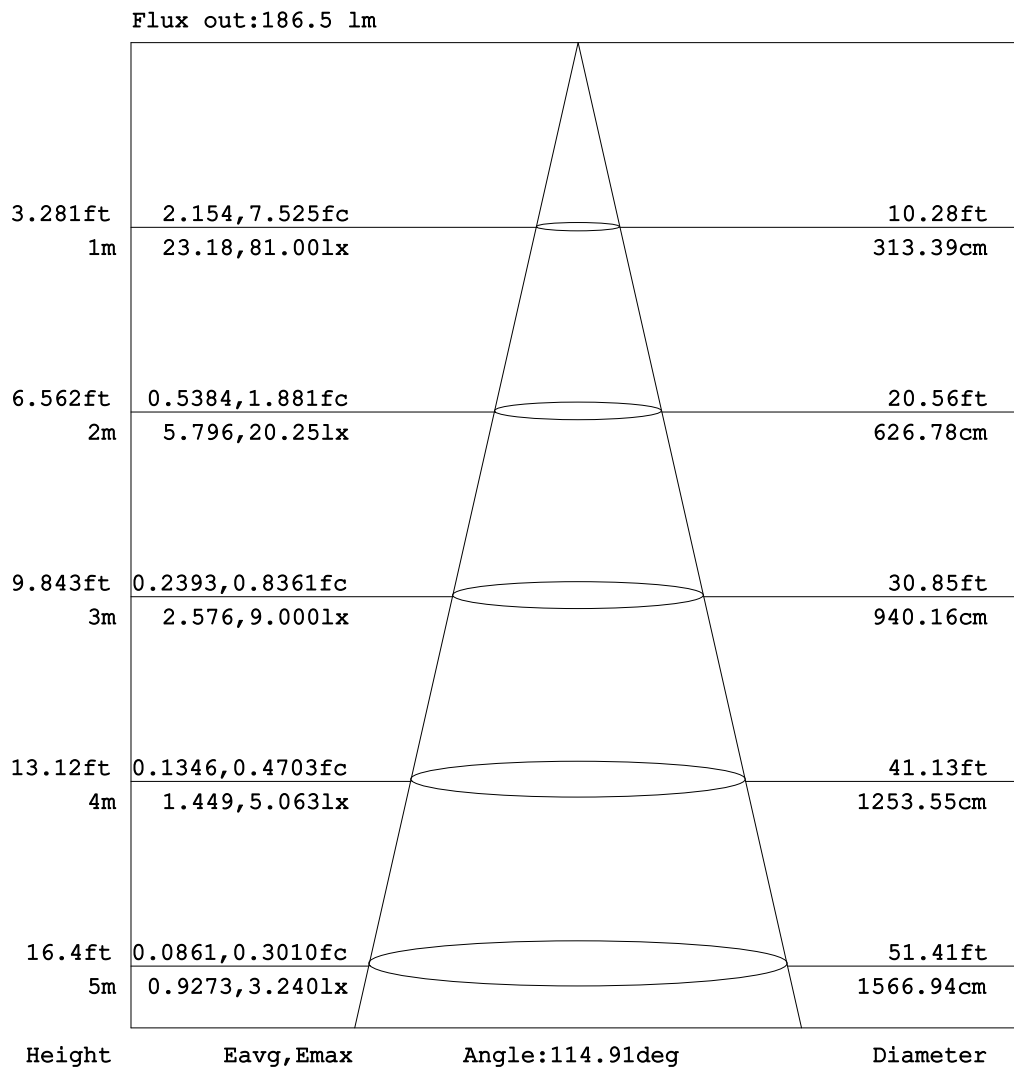


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



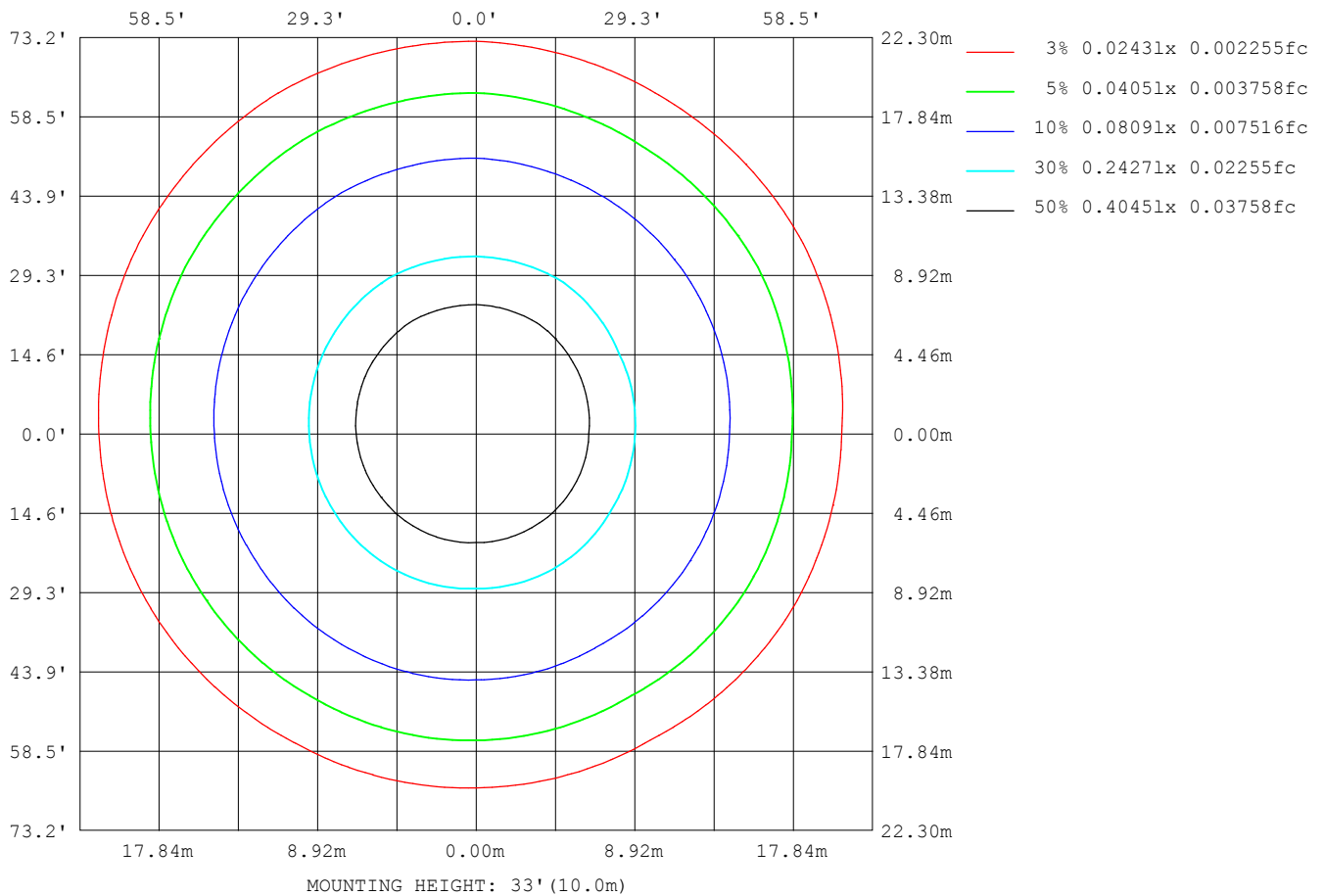
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

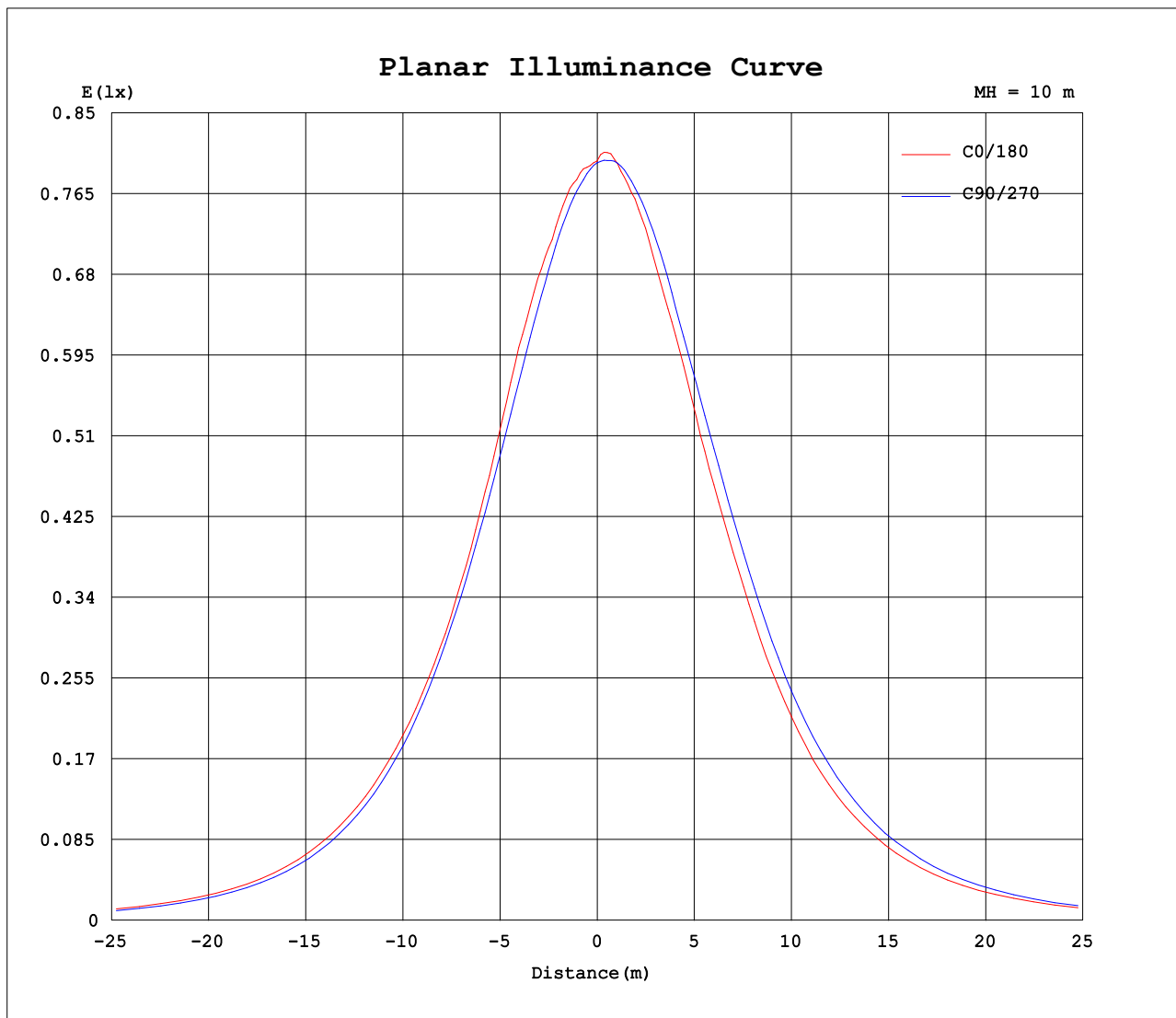
Test:U:24.00V I:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



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:0.1609A P:3.862W PF:1.000 Lamp Flux:249.246x1 lm		
NAME: SP01-24V-5050-60-RGB-G	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	79.9	80.0	79.8	79.7	79.6	79.4	79.9	80.0	79.8	79.7	79.6	79.4						
5	79.6	78.9	78.2	78.3	79.6	80.1	81.1	81.6	81.9	80.8	80.2	79.7						
10	78.8	78.0	76.9	76.7	78.2	78.9	80.2	81.5	82.4	81.5	80.6	79.9						
15	77.5	75.5	75.0	74.5	76.0	77.5	79.4	81.1	82.1	81.8	80.7	78.1						
20	76.0	74.3	72.4	72.1	73.9	75.3	77.6	79.9	82.0	81.5	79.8	78.1						
25	73.4	71.8	69.0	69.3	71.5	73.5	76.1	79.1	81.2	80.4	78.3	76.5						
30	69.5	68.1	66.1	66.1	67.8	70.5	73.2	77.0	79.7	79.2	77.1	73.3						
35	64.9	63.4	62.7	62.2	63.9	66.7	70.5	74.4	77.3	77.1	75.0	69.5						
40	60.1	58.0	58.2	57.5	59.9	62.3	65.9	70.9	75.0	73.6	71.7	64.2						
45	55.2	52.4	52.4	51.9	54.2	56.6	60.7	65.3	69.3	68.4	66.4	58.8						
50	49.2	46.6	45.6	45.9	47.4	50.4	54.0	58.9	62.5	62.0	59.0	53.1						
55	42.7	40.5	38.5	39.1	40.6	43.1	47.0	51.2	55.0	54.3	50.7	46.6						
60	35.2	33.7	31.0	31.8	33.0	35.8	39.0	43.0	45.8	45.6	41.7	39.4						
65	27.7	26.5	24.1	24.4	25.4	28.6	31.0	34.1	36.5	35.9	33.2	31.3						
70	20.8	19.4	17.5	17.2	18.5	21.3	22.6	25.6	26.9	25.5	24.7	22.7						
75	13.8	12.9	11.6	10.8	12.4	14.6	15.3	17.3	18.2	15.5	16.4	15.1						
80	7.46	7.08	6.38	6.04	7.33	8.60	8.98	9.75	10.4	7.55	9.19	8.27						
85	2.64	2.58	2.45	2.57	3.24	3.80	3.61	3.85	4.14	3.01	3.32	2.79						
90	0.80	0.82	0.88	0.96	0.90	0.83	0.50	0.54	0.49	0.67	0.56	0.51						
95	0.78	0.87	0.87	1.05	0.87	0.85	0.44	0.44	0.52	0.63	0.55	0.48						
100	0.84	0.94	0.94	1.12	0.94	0.93	0.50	0.45	0.58	0.58	0.62	0.51						
105	0.89	1.00	1.02	1.14	1.02	1.00	0.57	0.51	0.62	0.62	0.67	0.56						
110	0.96	1.08	1.09	1.20	1.07	1.07	0.64	0.62	0.67	0.62	0.71	0.62						
115	1.05	1.14	1.17	1.25	1.17	1.14	0.71	0.64	0.73	0.64	0.75	0.71						
120	1.08	1.19	1.19	1.30	1.20	1.21	0.79	0.71	0.79	0.71	0.82	0.75						
125	1.15	1.25	1.26	1.35	1.26	1.27	0.86	0.80	0.85	0.78	0.89	0.83						
130	1.20	1.30	1.27	1.39	1.30	1.32	0.94	0.87	0.94	0.85	0.96	0.93						
135	1.28	1.34	1.31	1.43	1.34	1.36	1.02	0.94	1.01	0.94	1.04	1.04						
140	1.29	1.39	1.38	1.47	1.39	1.41	1.10	1.03	1.09	1.05	1.12	1.07						
145	1.34	1.43	1.39	1.50	1.43	1.45	1.18	1.11	1.18	1.14	1.21	1.15						
150	1.38	1.48	1.44	1.54	1.50	1.45	1.27	1.19	1.26	1.20	1.29	1.24						
155	1.42	1.52	1.50	1.59	1.51	1.56	1.35	1.27	1.35	1.29	1.38	1.32						
160	1.50	1.57	1.51	1.62	1.54	1.61	1.39	1.38	1.43	1.39	1.45	1.39						
165	1.52	1.60	1.55	1.63	1.60	1.62	1.50	1.42	1.50	1.44	1.53	1.49						
170	1.55	1.63	1.65	1.63	1.61	1.62	1.55	1.50	1.57	1.50	1.58	1.52						
175	1.61	1.61	1.64	1.63	1.61	1.62	1.61	1.52	1.62	1.55	1.63	1.58						
180	1.61	1.61	1.63	1.63	1.61	1.62	1.62	1.63	1.63	1.63	1.61	1.61						

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	79.94	80.04	79.78	79.74	79.58	79.44	79.94	80.04	79.78	79.74
3.0	79.62	79.07	78.82	78.96	79.75	80.24	81.16	81.33	81.15	80.32
6.0	79.26	78.74	78.02	78.03	79.16	79.74	80.97	81.65	81.97	81.04
9.0	79.01	78.30	77.09	77.04	78.58	79.03	80.40	81.36	82.42	81.37
12.0	78.02	77.00	75.92	75.90	77.27	78.28	80.02	81.41	82.29	81.63
15.0	77.50	75.45	75.04	74.49	76.02	77.50	79.37	81.10	82.06	81.78
18.0	76.89	74.53	73.65	73.17	74.94	76.17	78.17	80.27	82.04	81.73
21.0	75.77	73.77	71.74	71.51	73.52	74.64	77.47	79.53	81.91	81.24
24.0	74.28	72.29	69.78	69.91	72.01	73.87	76.63	79.32	81.27	80.61
27.0	71.80	70.53	67.86	68.12	70.19	72.31	74.94	78.45	80.86	79.97
30.0	69.47	68.10	66.12	66.12	67.78	70.52	73.20	77.02	79.70	79.22
33.0	66.35	65.10	64.46	63.90	65.58	68.13	71.75	75.49	78.46	78.10
36.0	63.87	62.05	61.87	61.34	63.10	65.91	69.80	73.78	76.78	76.47
39.0	61.05	58.92	58.97	58.51	60.78	63.42	67.01	71.83	75.85	74.43
42.0	58.32	55.55	56.04	55.49	57.75	60.49	63.94	68.83	73.02	71.65
45.0	55.20	52.36	52.45	51.95	54.17	56.57	60.71	65.28	69.29	68.37
48.0	51.91	48.96	48.44	48.48	49.97	52.92	56.55	61.79	65.20	64.67
51.0	48.03	45.39	44.05	44.58	46.19	48.95	52.69	57.38	61.29	60.58
54.0	44.04	41.88	39.88	40.44	42.14	44.52	48.67	52.83	56.70	56.10
57.0	39.72	37.73	35.42	36.21	37.64	40.19	43.91	47.95	51.45	51.11
60.0	35.20	33.68	31.02	31.80	33.03	35.82	39.03	42.95	45.83	45.59
63.0	30.53	29.30	26.80	27.28	28.57	31.42	34.08	37.78	40.13	39.89
66.0	26.31	24.96	22.79	22.89	24.06	26.99	29.34	32.50	34.39	33.72
69.0	22.15	20.77	18.80	18.54	19.92	22.64	24.24	27.27	28.81	27.64
72.0	18.02	16.68	15.11	14.41	16.05	18.55	19.55	22.27	23.30	21.25
75.0	13.79	12.91	11.58	10.76	12.39	14.62	15.29	17.25	18.19	15.52
78.0	9.807	9.279	8.364	7.798	9.264	10.85	11.40	12.56	13.36	10.39
81.0	6.335	6.024	5.453	5.180	6.423	7.492	7.855	8.459	9.016	6.511
84.0	3.425	3.338	3.098	3.105	3.944	4.674	4.621	4.873	5.284	3.769
87.0	1.426	1.403	1.446	1.639	2.063	2.184	1.863	1.961	2.278	1.626
90.0	0.7975	0.8241	0.8800	0.9628	0.9026	0.8308	0.4977	0.5422	0.4916	0.6732
93.0	0.7757	0.8451	0.8727	1.053	0.8727	0.8035	0.4157	0.4364	0.5056	0.5684
96.0	0.7757	0.8866	0.8795	1.080	0.8795	0.8589	0.4503	0.4363	0.5335	0.6165
99.0	0.8170	0.9144	0.9280	1.122	0.9486	0.9074	0.4918	0.4363	0.5681	0.5818
102.0	0.8380	0.9628	0.9694	1.129	0.9625	0.9559	0.5197	0.4916	0.5889	0.6095
105.0	0.8864	1.004	1.025	1.136	1.018	0.9974	0.5682	0.5055	0.6233	0.6233
108.0	0.9420	1.053	1.053	1.178	1.053	1.046	0.6166	0.5470	0.6511	0.6233
111.0	0.9695	1.101	1.094	1.219	1.094	1.087	0.6582	0.6095	0.6788	0.6233
114.0	1.018	1.136	1.149	1.240	1.143	1.129	0.7065	0.6232	0.7067	0.6371
117.0	1.060	1.171	1.170	1.268	1.170	1.171	0.7413	0.6717	0.7551	0.6648
120.0	1.080	1.191	1.191	1.302	1.198	1.205	0.7896	0.7133	0.7896	0.7130
123.0	1.129	1.226	1.212	1.330	1.226	1.240	0.8244	0.7479	0.8312	0.7409
126.0	1.157	1.247	1.274	1.364	1.267	1.274	0.8798	0.8377	0.8796	0.8032
129.0	1.191	1.288	1.274	1.378	1.288	1.309	0.9282	0.8380	0.9145	0.8380
132.0	1.219	1.323	1.288	1.399	1.316	1.344	0.9767	0.9002	0.9629	0.8864
135.0	1.281	1.344	1.309	1.434	1.343	1.365	1.018	0.9419	1.011	0.9419
138.0	1.274	1.371	1.343	1.454	1.385	1.406	1.074	0.9903	1.060	0.9902
141.0	1.288	1.406	1.385	1.468	1.399	1.434	1.129	1.053	1.122	1.053
144.0	1.330	1.427	1.385	1.482	1.420	1.454	1.177	1.087	1.171	1.080
147.0	1.371	1.441	1.406	1.517	1.434	1.454	1.233	1.143	1.212	1.177
150.0	1.378	1.482	1.440	1.538	1.503	1.454	1.268	1.191	1.261	1.198
153.0	1.399	1.510	1.510	1.565	1.496	1.538	1.323	1.260	1.316	1.281
156.0	1.433	1.538	1.503	1.593	1.510	1.572	1.365	1.281	1.365	1.302
159.0	1.496	1.558	1.503	1.621	1.538	1.600	1.392	1.378	1.413	1.378
162.0	1.503	1.586	1.524	1.641	1.558	1.614	1.393	1.385	1.462	1.399
165.0	1.517	1.600	1.551	1.634	1.600	1.621	1.496	1.420	1.503	1.440
168.0	1.537	1.621	1.614	1.634	1.607	1.621	1.551	1.468	1.545	1.503
171.0	1.599	1.628	1.648	1.634	1.607	1.621	1.572	1.510	1.572	1.503
174.0	1.607	1.621	1.641	1.634	1.607	1.621	1.600	1.517	1.607	1.537
177.0	1.614	1.614	1.641	1.634	1.607	1.621	1.621	1.538	1.628	1.586
180.0	1.614	1.614	1.634	1.634	1.607	1.621	1.621	1.628	1.628	1.628
G/C	300.0	330.0								
0.0	79.58	79.44								
3.0	79.95	79.54								
6.0	80.28	79.74								
9.0	80.56	80.03								
12.0	80.53	79.37								
15.0	80.70	78.13								
18.0	80.20	78.04								
21.0	79.59	77.90								
24.0	78.53	76.75								
27.0	77.47	75.42								
30.0	77.13	73.34								

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

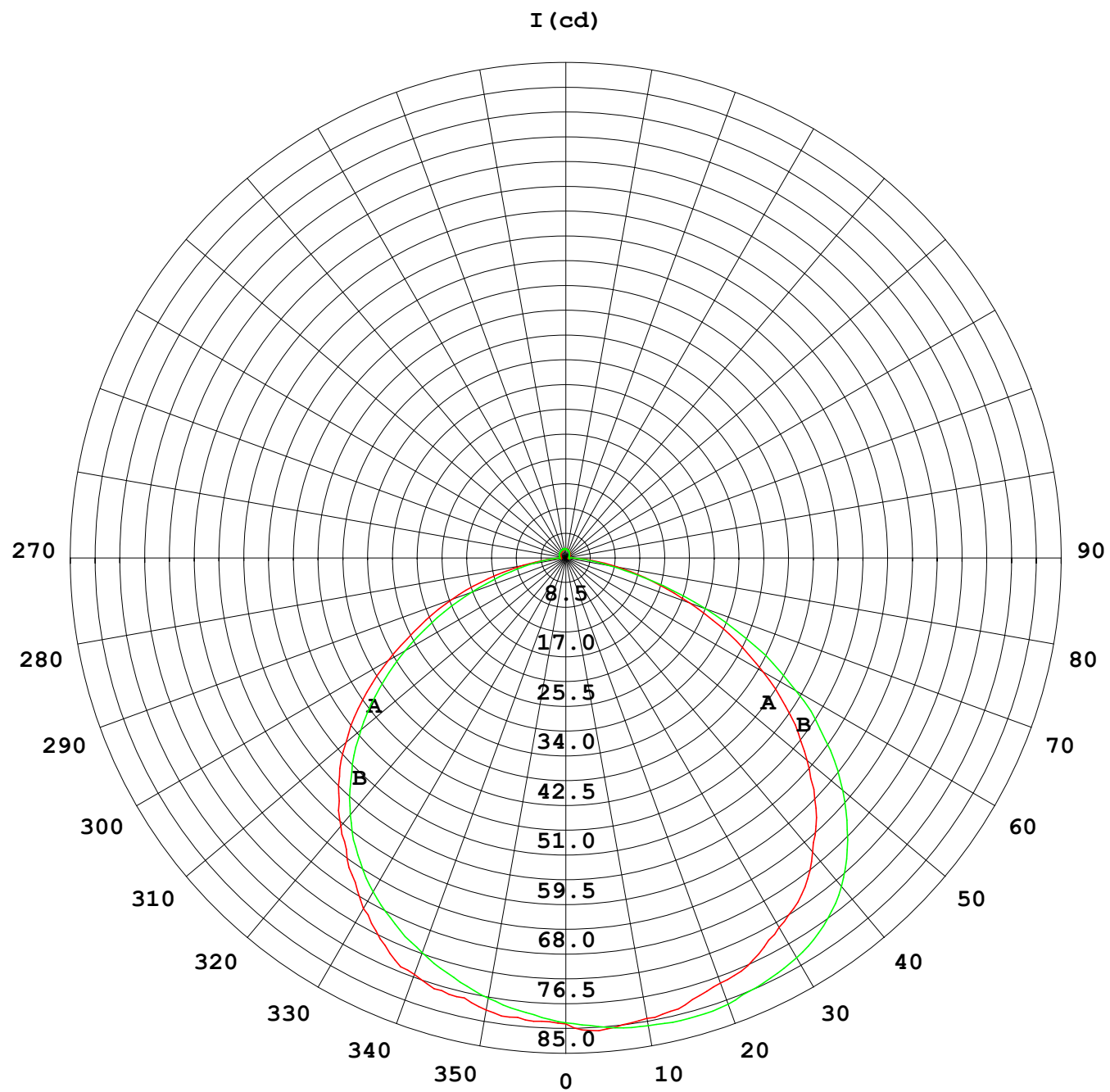
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	76.32	70.91
36.0	74.32	68.29
39.0	72.46	65.02
42.0	69.92	61.99
45.0	66.38	58.84
48.0	62.16	55.53
51.0	57.24	51.93
54.0	52.45	48.10
57.0	47.38	43.65
60.0	41.73	39.36
63.0	36.41	34.51
66.0	31.45	29.62
69.0	26.46	24.43
72.0	21.21	19.73
75.0	16.40	15.14
78.0	11.95	10.91
81.0	7.874	7.060
84.0	4.357	3.723
87.0	1.677	1.315
90.0	0.5608	0.5064
93.0	0.5334	0.4779
96.0	0.5612	0.4779
99.0	0.6027	0.5055
102.0	0.6374	0.5125
105.0	0.6718	0.5608
108.0	0.6789	0.6164
111.0	0.7203	0.6302
114.0	0.7480	0.6786
117.0	0.7827	0.7134
120.0	0.8243	0.7547
123.0	0.8521	0.8310
126.0	0.9005	0.8448
129.0	0.9421	0.8933
132.0	0.9906	0.9350
135.0	1.039	1.038
138.0	1.094	1.060
141.0	1.143	1.087
144.0	1.191	1.156
147.0	1.240	1.191
150.0	1.288	1.240
153.0	1.344	1.302
156.0	1.385	1.330
159.0	1.441	1.385
162.0	1.475	1.427
165.0	1.531	1.489
168.0	1.565	1.510
171.0	1.600	1.531
174.0	1.628	1.558
177.0	1.628	1.614
180.0	1.614	1.614

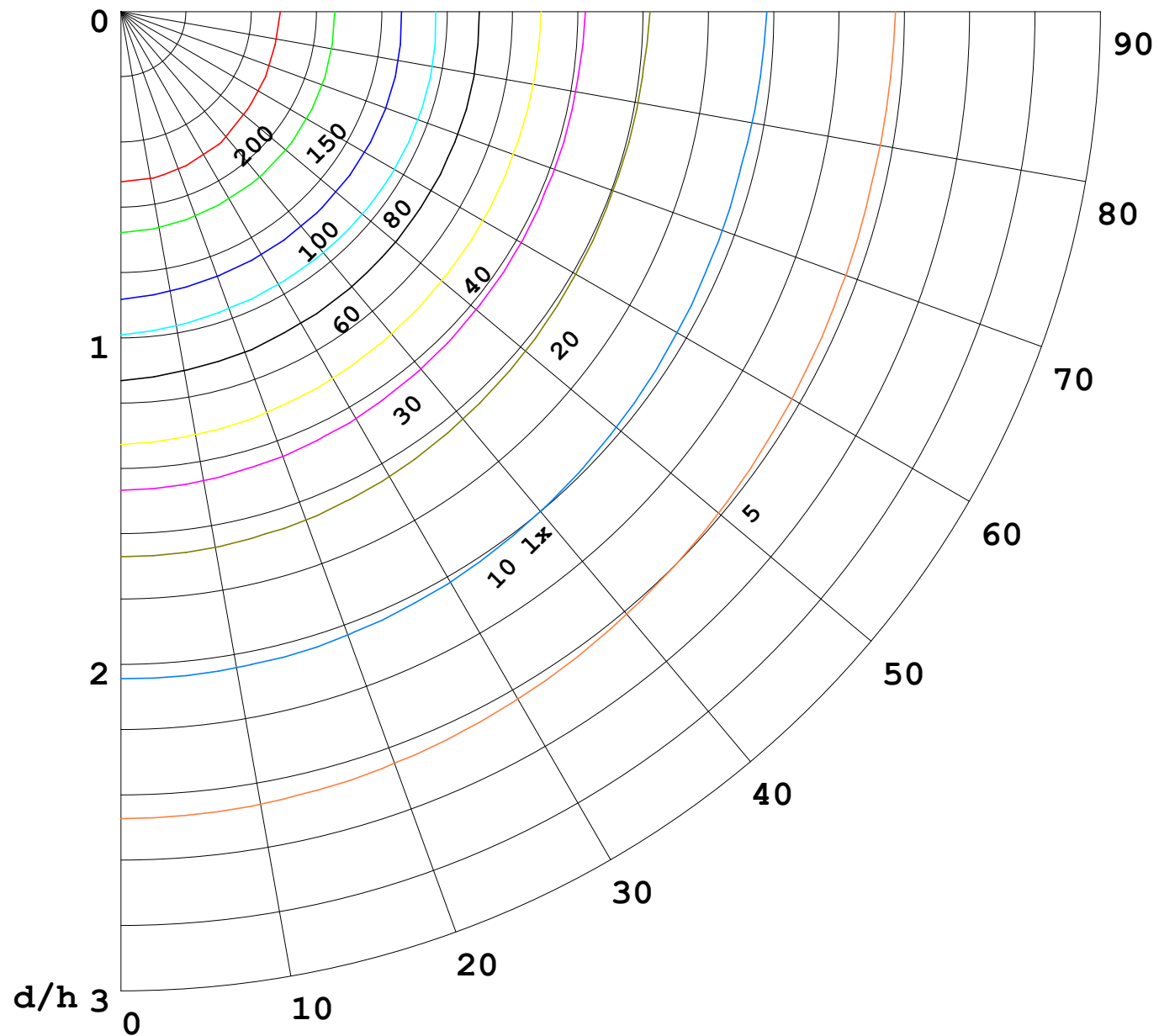
C Range: 0 - 360DEG
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Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:



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

