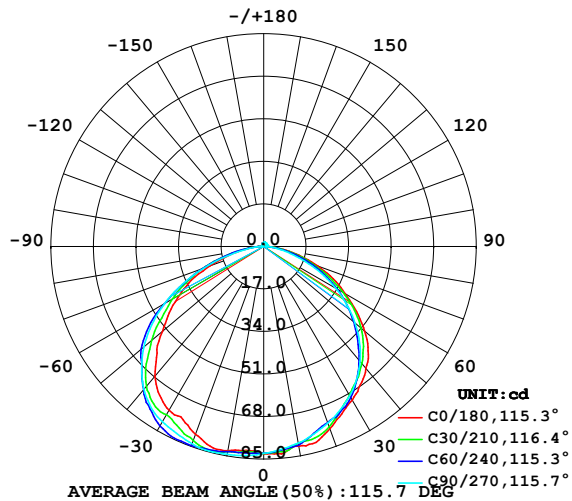


LUMINAIRE PHOTOMETRIC TEST REPORT

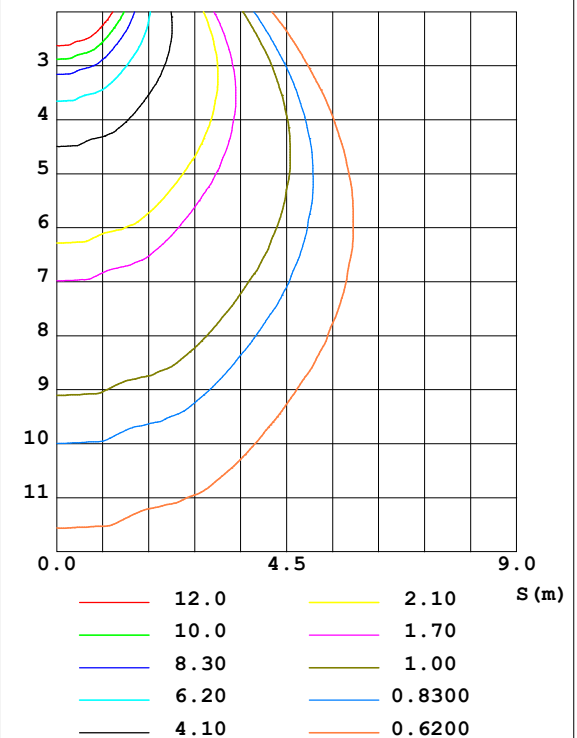
Test:U:24.00V I:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.88 lm/W			
MODEL	5050	I _{max} (cd)	84.67	S/MH (C0/180)	1.28
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	257.92	η UP, DN (C0-180)	1.5, 45.1
NOMINAL FLUX (lm)	257.921	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 52.3
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)



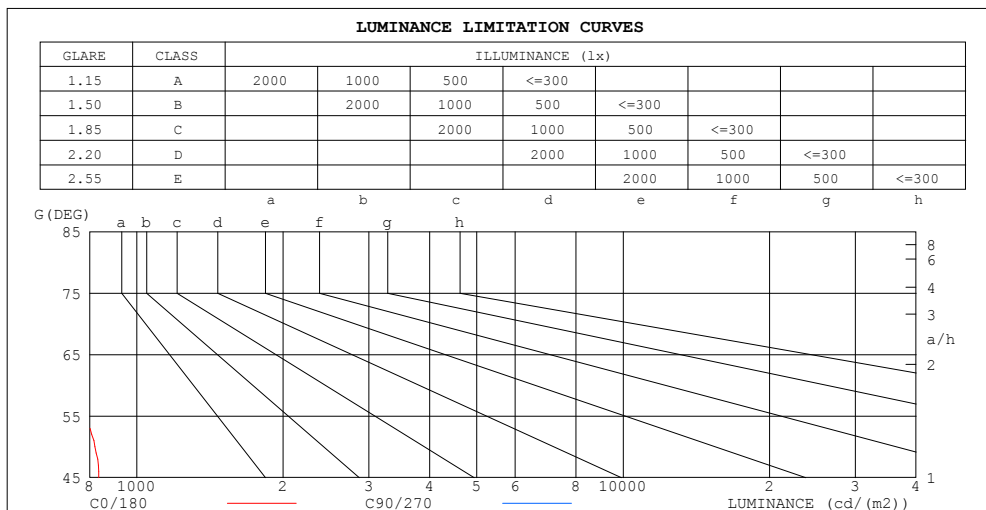
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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	81.06	80.23	79.81	79.94	82.92	83.28	84.36	83.19	0- 10	7.840	7.840	3.04,3.04
20	77.49	75.78	75.09	77.76	79.92	83.59	83.87	81.22	10- 20	22.93	30.77	11.9,11.9
30	70.90	69.15	68.92	71.36	75.65	80.29	80.94	77.11	20- 30	35.54	66.32	25.7,25.7
40	63.61	60.16	59.92	62.74	67.61	73.81	74.54	69.84	30- 40	44.43	110.8	42.9,42.9
50	52.70	48.94	47.69	49.68	52.82	61.21	62.48	58.88	40- 50	46.90	157.7	61.1,61.1
60	37.59	35.23	33.10	34.84	38.82	44.08	45.79	44.11	50- 60	42.11	199.8	77.5,77.5
70	23.00	20.70	17.81	20.20	22.78	26.18	25.45	26.67	60- 70	30.82	230.6	89.4,89.4
80	9.190	7.921	6.074	7.885	8.735	9.881	7.602	10.31	70- 80	16.36	246.9	95.7,95.7
90	1.048	0.9632	1.025	1.008	0.6144	0.6449	0.7563	0.6831	80- 90	4.249	251.2	97.4,97.4
100	0.8657	0.9834	1.171	0.9973	0.5265	0.5541	0.6372	0.5749	90-100	0.8256	252.0	97.7,97.7
110	0.9695	1.129	1.330	1.153	0.6719	0.6684	0.7548	0.6926	100-110	0.8970	252.9	98.1,98.1
120	1.101	1.254	1.399	1.261	0.8244	0.7930	0.8311	0.8242	110-120	0.9722	253.9	98.4,98.4
130	1.219	1.330	1.461	1.375	0.9837	0.9453	0.9278	0.9732	120-130	0.9804	254.9	98.8,98.8
140	1.316	1.413	1.524	1.451	1.150	1.101	1.053	1.129	130-140	0.9357	255.8	99.2,99.2
150	1.406	1.517	1.607	1.544	1.323	1.292	1.246	1.309	140-150	0.8387	256.6	99.5,99.5
160	1.510	1.596	1.655	1.627	1.475	1.447	1.406	1.458	150-160	0.6781	257.3	99.8,99.8
170	1.593	1.617	1.655	1.645	1.614	1.541	1.544	1.593	160-170	0.4431	257.8	99.9,99.9
180	1.607	1.638	1.655	1.652	1.614	1.628	1.634	1.645	170-180	0.1546	257.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	422	298
80	529	350
75	612	427
70	673	521
65	727	603
60	752	662
55	790	705
50	820	742
45	835	767

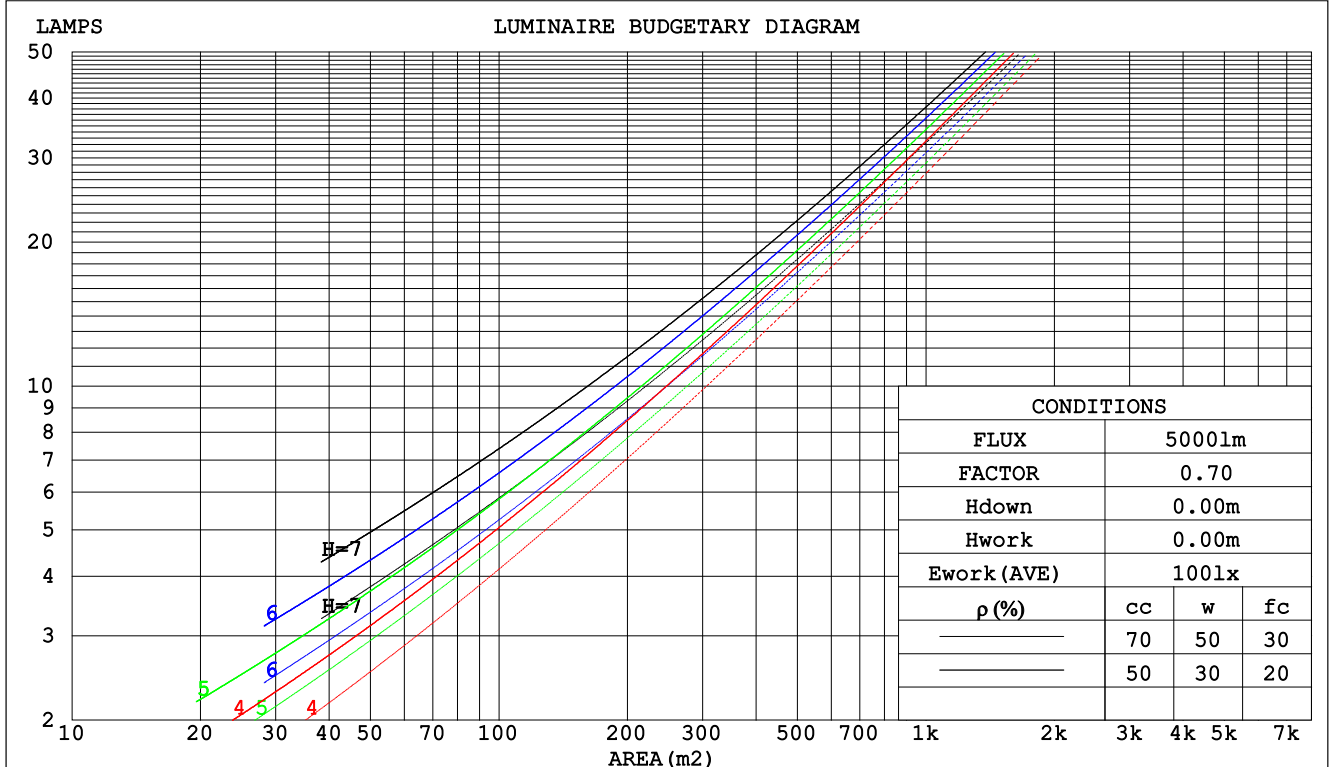
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
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			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	1.03	.99	.95	1.01	.97	.94	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.60	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm					
NAME: SP01-24V-5050-70-DMX3-RGB-G			TYPE: 硅胶		WEIGHT:
DIM.: 15MM*7MM			SPEC.:		SERIAL No.:202301008
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	.305	.174	.055	.298	.170	.054	.283	.162	.052	.269	.155	.050	.257	.149	.048		
2.0	.289	.158	.049	.282	.155	.048	.269	.149	.046	.257	.144	.045	.246	.139	.044		
3.0	.268	.143	.043	.262	.140	.042	.250	.136	.041	.240	.131	.040	.230	.127	.039		
4.0	.248	.129	.038	.243	.127	.038	.232	.123	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.207	.109	.032	.199	.106	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.193	.100	.029	.185	.098	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.174	.090	.027		
8.0	.186	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024		
9.0	.174	.084	.023	.171	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023		
10.0	.164	.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	.119	.164	.131	.102	.113	.091	.071	.065	.053	.042	.021	.017	.014	
3.0	.184	.135	.095	.158	.116	.082	.109	.081	.058	.063	.047	.034	.020	.015	.011	
4.0	.177	.121	.079	.152	.105	.069	.104	.073	.048	.060	.043	.029	.019	.014	.009	
5.0	.170	.111	.068	.146	.096	.059	.100	.067	.042	.058	.039	.025	.019	.013	.008	
6.0	.163	.103	.060	.140	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.054	.134	.083	.047	.093	.058	.033	.054	.034	.020	.017	.011	.007	
8.0	.149	.090	.049	.129	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.143	.085	.046	.124	.074	.040	.086	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.138	.081	.043	.119	.070	.038	.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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm											
NAME: SP01-24V-5050-70-DMX3-RGB-G						TYPE:硅胶		WEIGHT:			
DIM.: 15MM*7MM						SPEC.:		SERIAL No.:202301008			
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	11.7	13.2	12.0	13.4	13.7	11.1	12.6	11.4	12.8	13.1	
	3H	13.1	14.5	13.5	14.8	15.1	12.3	13.7	12.7	14.0	14.3
	4H	13.7	15.0	14.0	15.3	15.6	12.7	14.0	13.1	14.3	14.6
	6H	14.1	15.3	14.4	15.6	16.0	12.9	14.2	13.3	14.5	14.8
	8H	14.2	15.4	14.6	15.7	16.0	13.0	14.2	13.4	14.5	14.9
	12H	14.2	15.4	14.6	15.7	16.1	13.0	14.1	13.4	14.5	14.9
4H	2H	12.2	13.5	12.5	13.8	14.1	11.7	13.0	12.1	13.3	13.6
	3H	13.8	14.9	14.2	15.3	15.6	13.1	14.3	13.5	14.6	15.0
	4H	14.5	15.5	14.9	15.9	16.3	13.6	14.7	14.1	15.0	15.4
	6H	15.0	15.9	15.4	16.3	16.7	14.0	14.9	14.4	15.3	15.7
	8H	15.1	16.0	15.6	16.4	16.8	14.1	14.9	14.5	15.3	15.8
	12H	15.2	16.0	15.7	16.4	16.9	14.1	14.9	14.6	15.3	15.8
8H	4H	14.7	15.5	15.1	15.9	16.4	13.9	14.8	14.4	15.2	15.6
	6H	15.3	16.0	15.8	16.4	16.9	14.4	15.1	14.8	15.5	16.0
	8H	15.5	16.1	16.0	16.6	17.1	14.5	15.1	15.0	15.6	16.1
	12H	15.7	16.2	16.2	16.7	17.2	14.6	15.2	15.1	15.7	16.2
12H	4H	14.6	15.4	15.1	15.9	16.3	13.9	14.7	14.4	15.1	15.6
	6H	15.3	15.9	15.8	16.4	16.9	14.4	15.0	14.9	15.5	16.0
	8H	15.6	16.1	16.1	16.6	17.1	14.6	15.1	15.1	15.6	16.2
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					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 257.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.7)

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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

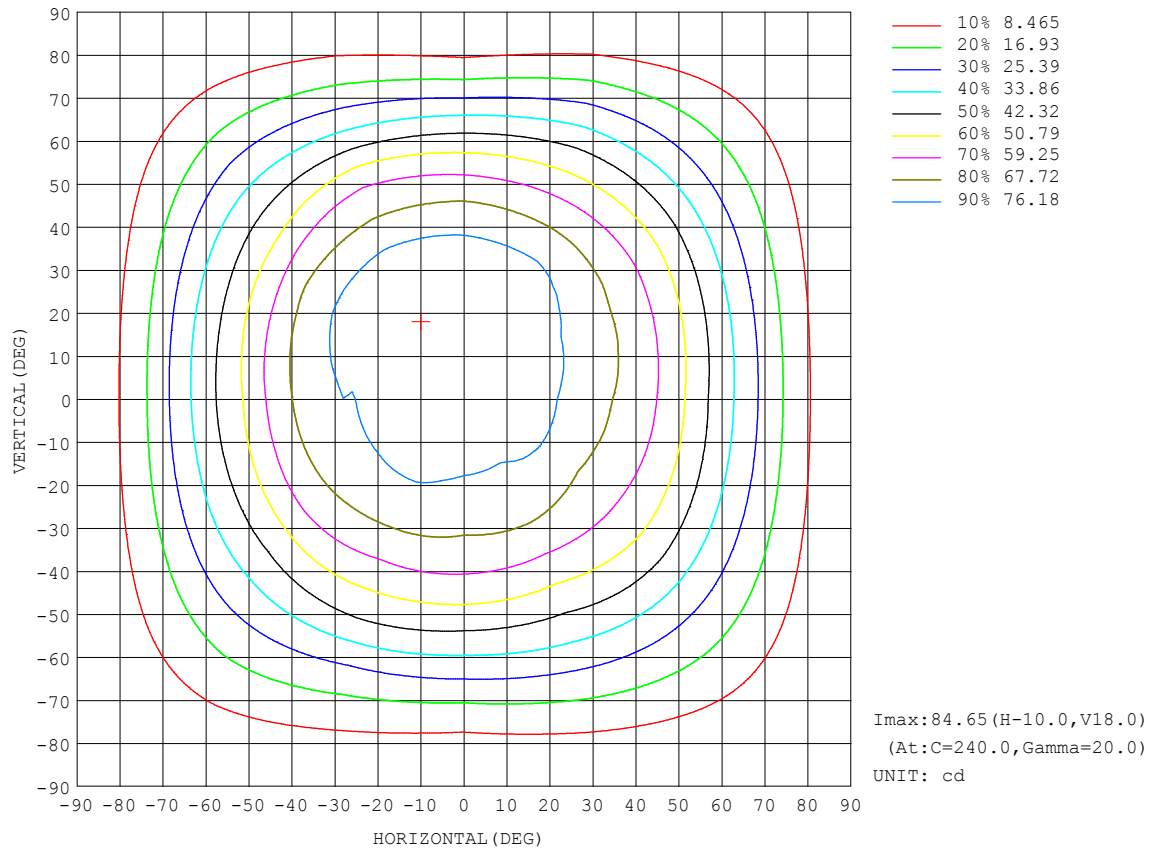
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	40
1.00	75	64	57	74	63	56	71	64	55	48
1.25	82	72	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	70	82	74	68	61
2.00	94	86	79	92	84	78	88	82	77	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	95	89	99	93	88	95	90	85	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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

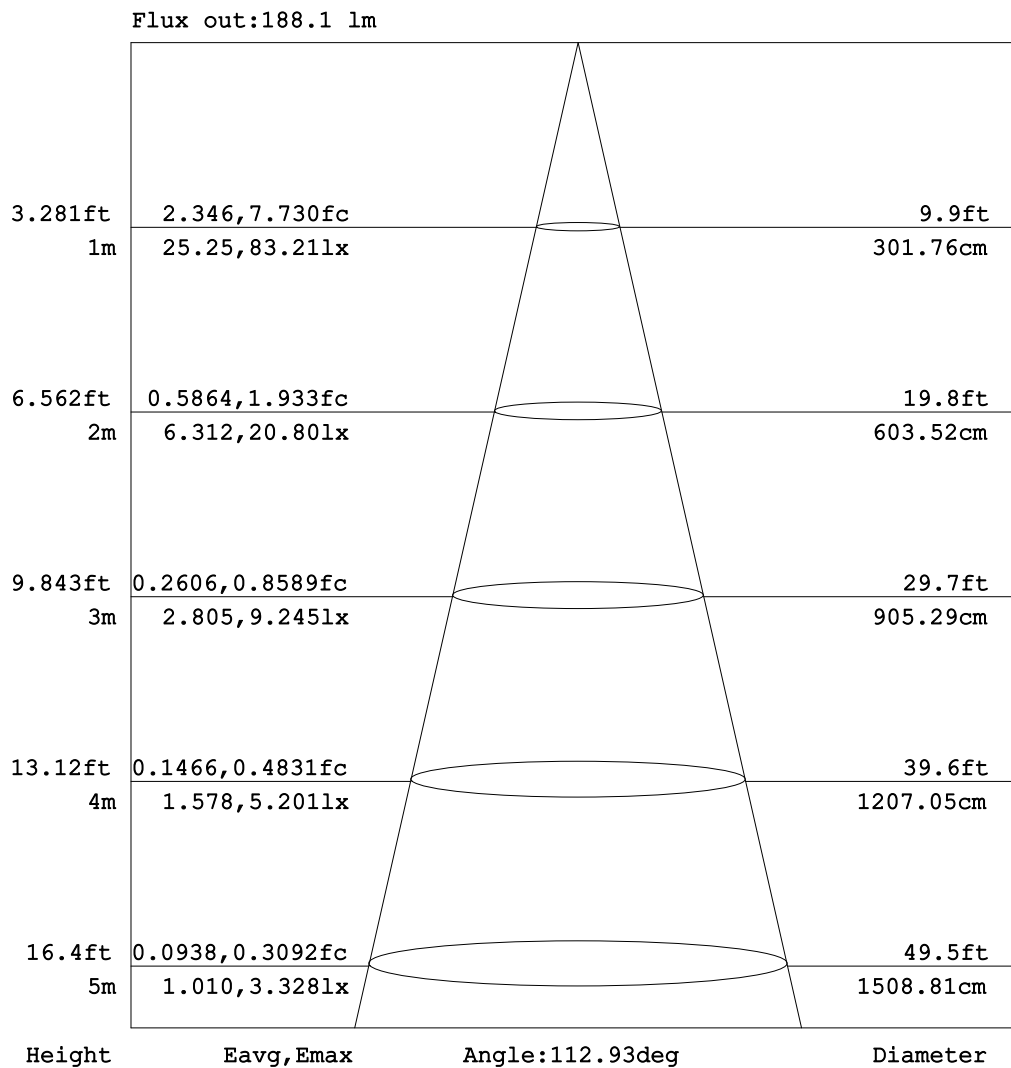


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



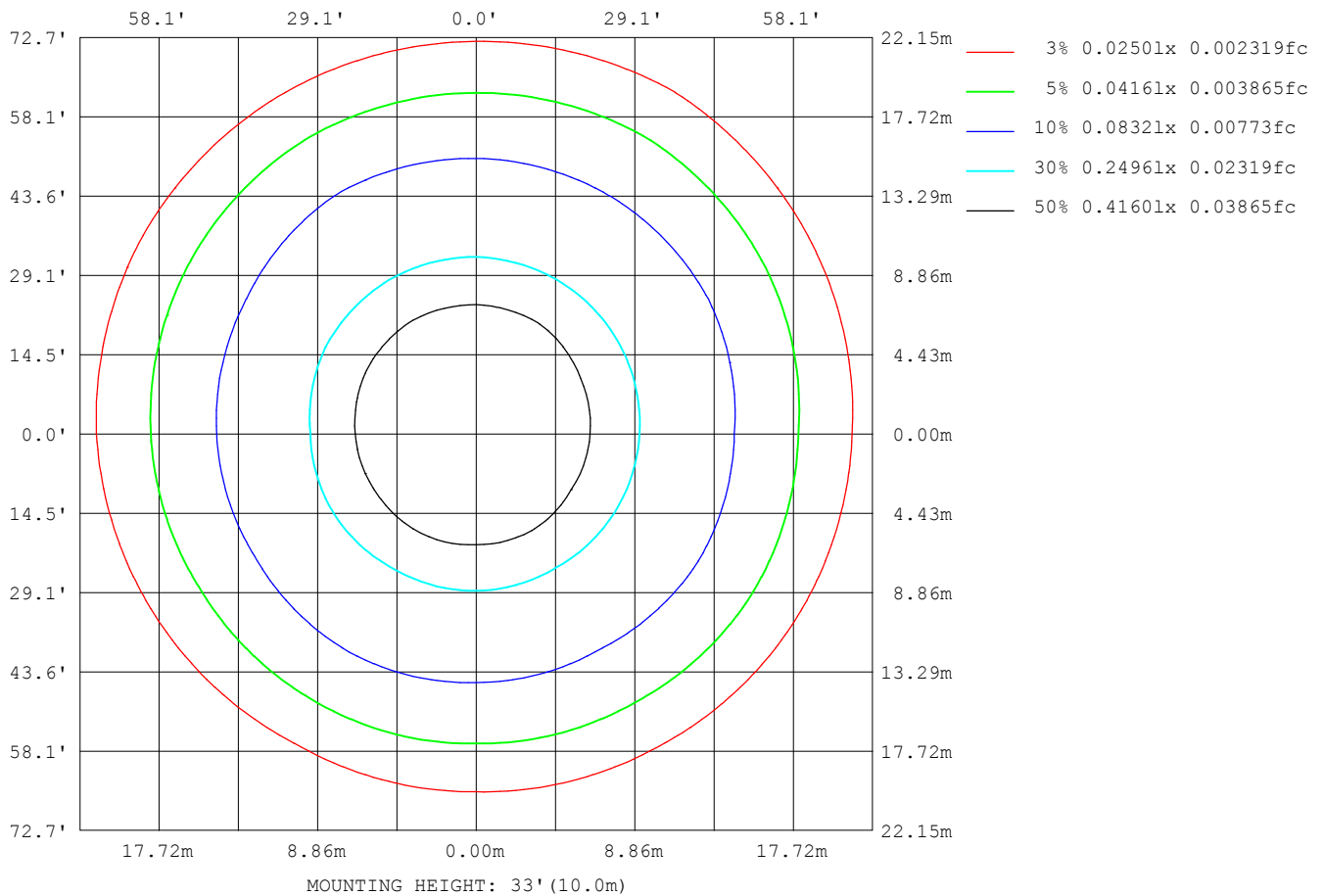
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

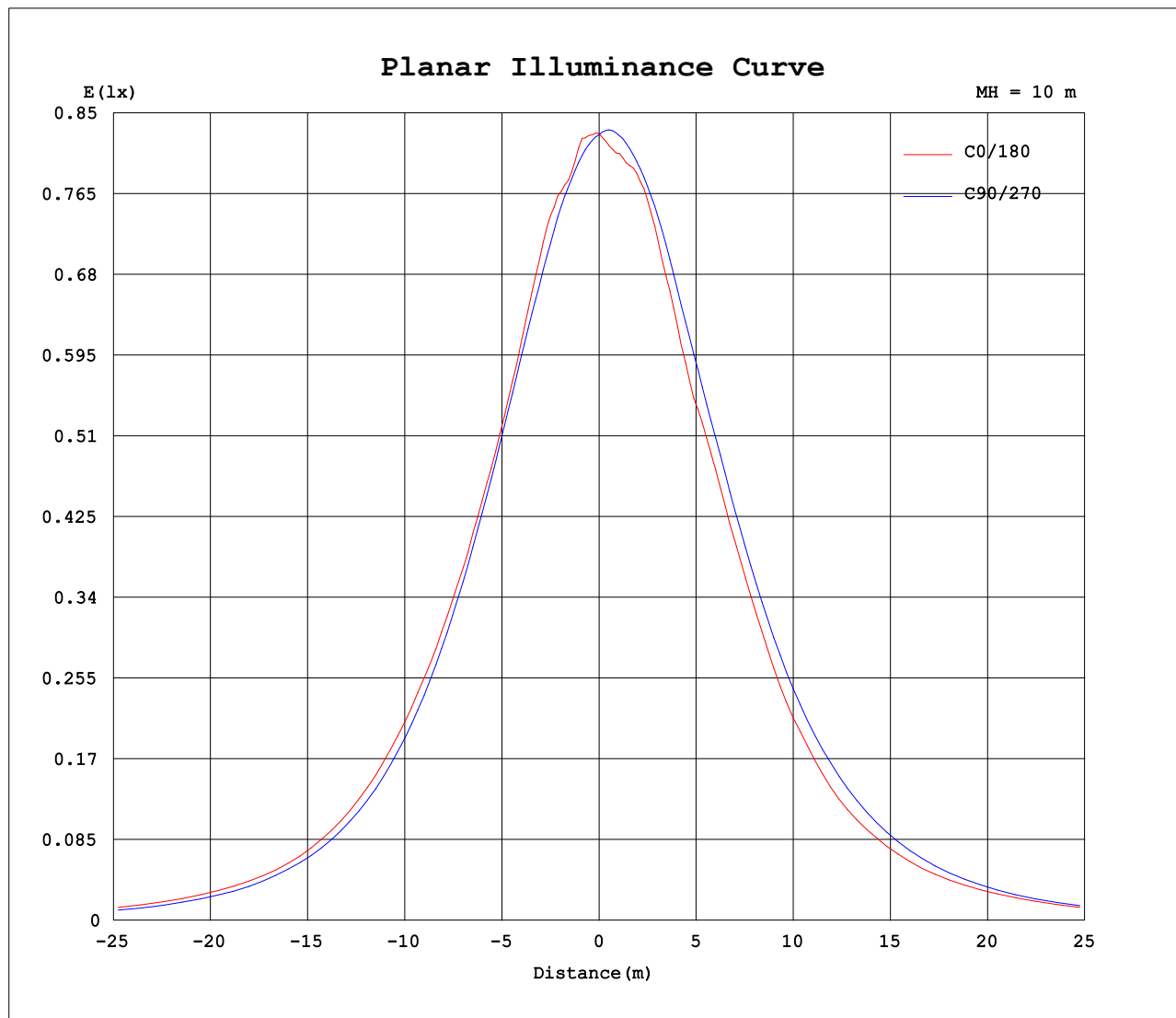
Test:U:24.00V I:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



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:0.3172A P:7.613W PF:1.000 Lamp Flux:257.921x1 lm		
NAME: SP01-24V-5050-70-DMX3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301008
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	82.8	82.7	82.7	82.7	82.6	82.6	82.8	82.7	82.7	82.7	82.6	82.6						
5	83.3	82.4	81.7	81.5	80.8	80.8	81.7	82.1	82.9	83.9	83.7	83.3						
10	81.1	79.9	80.6	79.8	79.1	80.8	82.9	83.2	83.3	84.4	84.5	81.9						
15	81.0	79.2	77.3	77.6	78.0	81.1	82.7	84.4	84.1	84.6	83.1	82.2						
20	77.5	76.7	74.9	75.1	76.9	78.6	79.9	82.5	84.7	83.9	82.0	80.5						
25	73.8	72.5	72.9	72.2	75.0	75.0	76.3	80.1	84.6	82.4	82.0	77.2						
30	70.9	68.6	69.7	68.9	71.6	71.1	75.6	77.6	82.9	80.9	80.4	73.8						
35	67.5	65.0	65.0	64.8	66.5	69.2	72.6	76.7	79.3	78.5	76.9	71.1						
40	63.6	61.1	59.3	59.9	61.1	64.4	67.6	72.9	74.7	74.5	72.2	67.5						
45	59.1	56.4	53.2	54.2	54.5	58.3	60.3	66.3	68.9	69.0	66.3	63.2						
50	52.7	50.8	47.1	47.7	49.2	50.2	52.8	58.4	64.0	62.5	60.1	57.7						
55	45.3	44.2	40.6	40.5	42.4	42.7	46.2	49.7	56.1	54.7	52.9	50.7						
60	37.6	36.5	33.9	33.1	34.0	35.6	38.8	42.3	45.9	45.8	45.7	42.5						
65	30.7	28.8	26.7	25.5	25.6	28.6	31.9	34.2	35.5	35.9	36.6	33.8						
70	23.0	21.5	19.9	17.8	18.7	21.7	22.8	26.0	26.4	25.4	27.9	25.4						
75	15.8	14.9	13.3	11.1	12.3	14.8	15.0	17.4	17.4	15.5	19.1	17.5						
80	9.19	8.39	7.45	6.07	7.19	8.58	8.73	9.76	10.00	7.60	10.6	10.0						
85	3.68	3.35	2.98	2.60	3.19	3.83	3.65	3.92	3.98	2.84	3.96	3.82						
90	1.05	0.94	0.98	1.03	1.01	1.01	0.61	0.67	0.62	0.76	0.63	0.74						
95	0.88	0.91	0.96	1.08	0.95	0.90	0.46	0.46	0.54	0.64	0.57	0.54						
100	0.87	0.97	1.00	1.17	1.02	0.98	0.53	0.50	0.61	0.64	0.61	0.54						
105	0.91	1.03	1.08	1.27	1.10	1.05	0.60	0.53	0.67	0.65	0.69	0.60						
110	0.97	1.09	1.16	1.33	1.18	1.13	0.67	0.61	0.73	0.75	0.75	0.64						
115	1.05	1.16	1.20	1.36	1.25	1.19	0.75	0.66	0.78	0.83	0.82	0.72						
120	1.10	1.23	1.28	1.40	1.28	1.24	0.82	0.74	0.85	0.83	0.88	0.77						
125	1.16	1.27	1.29	1.44	1.32	1.31	0.90	0.84	0.91	0.85	0.94	0.87						
130	1.22	1.32	1.34	1.46	1.39	1.36	0.98	0.92	0.97	0.93	1.00	0.94						
135	1.27	1.39	1.38	1.48	1.39	1.41	1.07	0.98	1.04	0.97	1.07	1.05						
140	1.32	1.43	1.40	1.52	1.43	1.47	1.15	1.07	1.14	1.05	1.16	1.10						
145	1.39	1.47	1.45	1.56	1.50	1.52	1.24	1.16	1.23	1.15	1.24	1.18						
150	1.41	1.53	1.50	1.61	1.52	1.57	1.32	1.27	1.32	1.25	1.33	1.29						
155	1.52	1.57	1.54	1.63	1.55	1.61	1.41	1.32	1.39	1.34	1.41	1.38						
160	1.51	1.61	1.59	1.66	1.61	1.65	1.48	1.41	1.48	1.41	1.49	1.43						
165	1.54	1.62	1.60	1.66	1.61	1.65	1.56	1.48	1.55	1.51	1.57	1.50						
170	1.59	1.62	1.61	1.66	1.64	1.65	1.61	1.53	1.55	1.54	1.63	1.55						
175	1.60	1.62	1.63	1.66	1.65	1.65	1.61	1.59	1.63	1.61	1.65	1.61						
180	1.61	1.62	1.66	1.66	1.66	1.65	1.61	1.62	1.63	1.63	1.65	1.64						

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	82.84	82.71	82.69	82.69	82.60	82.55	82.84	82.71	82.69	82.69
3.0	82.96	82.49	82.28	82.01	81.47	81.47	81.87	82.24	82.74	83.55
6.0	82.65	82.39	81.56	81.10	80.48	80.77	82.06	82.41	82.86	83.96
9.0	80.83	80.34	80.85	80.10	79.26	80.93	82.48	83.05	83.04	84.29
12.0	81.47	79.54	79.23	79.09	78.82	81.34	83.08	84.03	83.88	84.53
15.0	81.02	79.16	77.34	77.63	77.95	81.15	82.68	84.39	84.13	84.64
18.0	78.98	78.03	75.57	76.08	77.40	79.82	80.81	83.58	84.44	84.41
21.0	76.69	75.96	74.42	74.58	76.63	77.56	79.26	81.86	84.64	83.59
24.0	74.48	73.28	73.55	72.83	75.29	75.82	77.12	80.61	84.57	82.72
27.0	72.44	70.76	71.87	70.94	73.81	73.32	76.01	79.01	84.12	81.91
30.0	70.90	68.60	69.69	68.92	71.58	71.14	75.65	77.64	82.94	80.94
33.0	69.08	66.25	66.96	66.58	68.53	70.42	73.97	77.64	80.78	79.76
36.0	66.93	64.41	63.86	63.96	65.38	68.45	71.78	76.19	78.49	77.84
39.0	64.68	61.77	60.44	61.01	62.40	65.54	68.70	73.93	76.00	75.44
42.0	62.22	59.30	56.96	57.75	58.38	62.33	64.73	70.65	72.44	72.51
45.0	59.07	56.41	53.16	54.23	54.46	58.27	60.32	66.35	68.91	68.98
48.0	55.64	53.27	49.51	50.44	51.23	53.36	56.40	61.34	66.10	65.20
51.0	51.40	49.61	45.70	46.29	47.93	48.90	51.37	56.82	62.60	61.04
54.0	46.85	45.64	41.85	42.08	43.95	44.49	47.38	51.73	57.93	56.37
57.0	41.98	41.23	38.04	37.67	39.39	39.40	43.34	46.45	52.56	51.33
60.0	37.59	36.52	33.94	33.10	34.04	35.64	38.82	42.26	45.89	45.79
63.0	33.57	31.84	29.55	28.51	28.85	31.53	34.49	37.64	39.63	40.11
66.0	29.15	27.24	25.44	23.86	24.08	27.08	30.25	32.72	33.49	33.81
69.0	24.46	22.84	21.28	19.28	20.08	23.04	24.55	27.72	28.23	27.68
72.0	20.05	18.79	17.26	14.92	15.99	18.99	19.59	22.79	22.51	21.48
75.0	15.85	14.91	13.33	11.06	12.29	14.82	15.04	17.43	17.42	15.54
78.0	11.82	10.88	9.654	7.881	9.119	10.88	11.10	12.60	12.82	10.64
81.0	7.936	7.311	6.424	5.271	6.277	7.491	7.613	8.418	8.677	6.388
84.0	4.612	4.251	3.723	3.180	3.860	4.653	4.553	4.879	5.029	3.534
87.0	2.155	1.998	1.793	1.688	2.056	2.371	2.134	2.203	2.230	1.812
90.0	1.048	0.9416	0.9848	1.025	1.007	1.010	0.6144	0.6677	0.6221	0.7563
93.0	0.8866	0.9073	0.9558	1.080	0.9488	0.8660	0.4364	0.4641	0.5194	0.7203
96.0	0.8727	0.9143	0.9558	1.087	0.9557	0.9143	0.4710	0.4640	0.5474	0.6372
99.0	0.8657	0.9490	0.9764	1.143	1.004	0.9628	0.5127	0.4846	0.5889	0.6372
102.0	0.8657	0.9905	1.046	1.212	1.053	1.004	0.5543	0.4917	0.6305	0.6372
105.0	0.9070	1.032	1.080	1.267	1.101	1.046	0.5958	0.5263	0.6721	0.6509
108.0	0.9350	1.067	1.149	1.309	1.163	1.094	0.6442	0.5953	0.7134	0.7270
111.0	0.9833	1.108	1.164	1.344	1.191	1.143	0.6859	0.6095	0.7411	0.7961
114.0	1.046	1.157	1.191	1.358	1.226	1.178	0.7343	0.6578	0.7689	0.8311
117.0	1.066	1.184	1.226	1.392	1.274	1.212	0.7759	0.7132	0.7897	0.8311
120.0	1.101	1.226	1.281	1.399	1.281	1.240	0.8244	0.7410	0.8450	0.8311
123.0	1.156	1.247	1.288	1.413	1.302	1.281	0.8728	0.8307	0.8934	0.8380
126.0	1.177	1.281	1.302	1.441	1.343	1.323	0.9214	0.8518	0.9144	0.8656
129.0	1.212	1.323	1.330	1.454	1.385	1.351	0.9629	0.8794	0.9491	0.9002
132.0	1.274	1.351	1.371	1.468	1.392	1.385	1.018	0.9280	1.004	0.9350
135.0	1.274	1.385	1.378	1.482	1.392	1.406	1.067	0.9764	1.039	0.9695
138.0	1.302	1.406	1.378	1.510	1.420	1.448	1.122	1.046	1.095	1.025
141.0	1.330	1.434	1.406	1.531	1.440	1.461	1.171	1.080	1.157	1.073
144.0	1.385	1.461	1.447	1.545	1.496	1.503	1.226	1.150	1.205	1.142
147.0	1.385	1.489	1.489	1.579	1.496	1.531	1.275	1.177	1.254	1.184
150.0	1.406	1.531	1.503	1.607	1.517	1.572	1.323	1.267	1.316	1.246
153.0	1.468	1.558	1.517	1.621	1.544	1.593	1.371	1.295	1.358	1.288
156.0	1.510	1.579	1.544	1.655	1.572	1.628	1.420	1.357	1.420	1.337
159.0	1.510	1.600	1.572	1.655	1.593	1.641	1.455	1.392	1.462	1.385
162.0	1.531	1.621	1.593	1.655	1.600	1.648	1.517	1.427	1.510	1.427
165.0	1.544	1.621	1.600	1.655	1.614	1.648	1.558	1.482	1.551	1.510
168.0	1.579	1.621	1.614	1.655	1.628	1.648	1.586	1.510	1.551	1.524
171.0	1.607	1.621	1.614	1.655	1.641	1.648	1.621	1.537	1.559	1.579
174.0	1.600	1.621	1.621	1.655	1.648	1.648	1.621	1.593	1.634	1.607
177.0	1.607	1.621	1.621	1.655	1.655	1.648	1.614	1.600	1.634	1.614
180.0	1.607	1.621	1.655	1.655	1.655	1.648	1.614	1.621	1.634	1.634
G/C	300.0	330.0								
0.0	82.60	82.55								
3.0	83.51	83.15								
6.0	83.82	83.47								
9.0	84.33	82.17								
12.0	84.36	82.03								
15.0	83.12	82.22								
18.0	82.16	81.64								
21.0	81.86	79.97								
24.0	82.09	77.89								
27.0	81.25	75.76								
30.0	80.42	73.79								

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

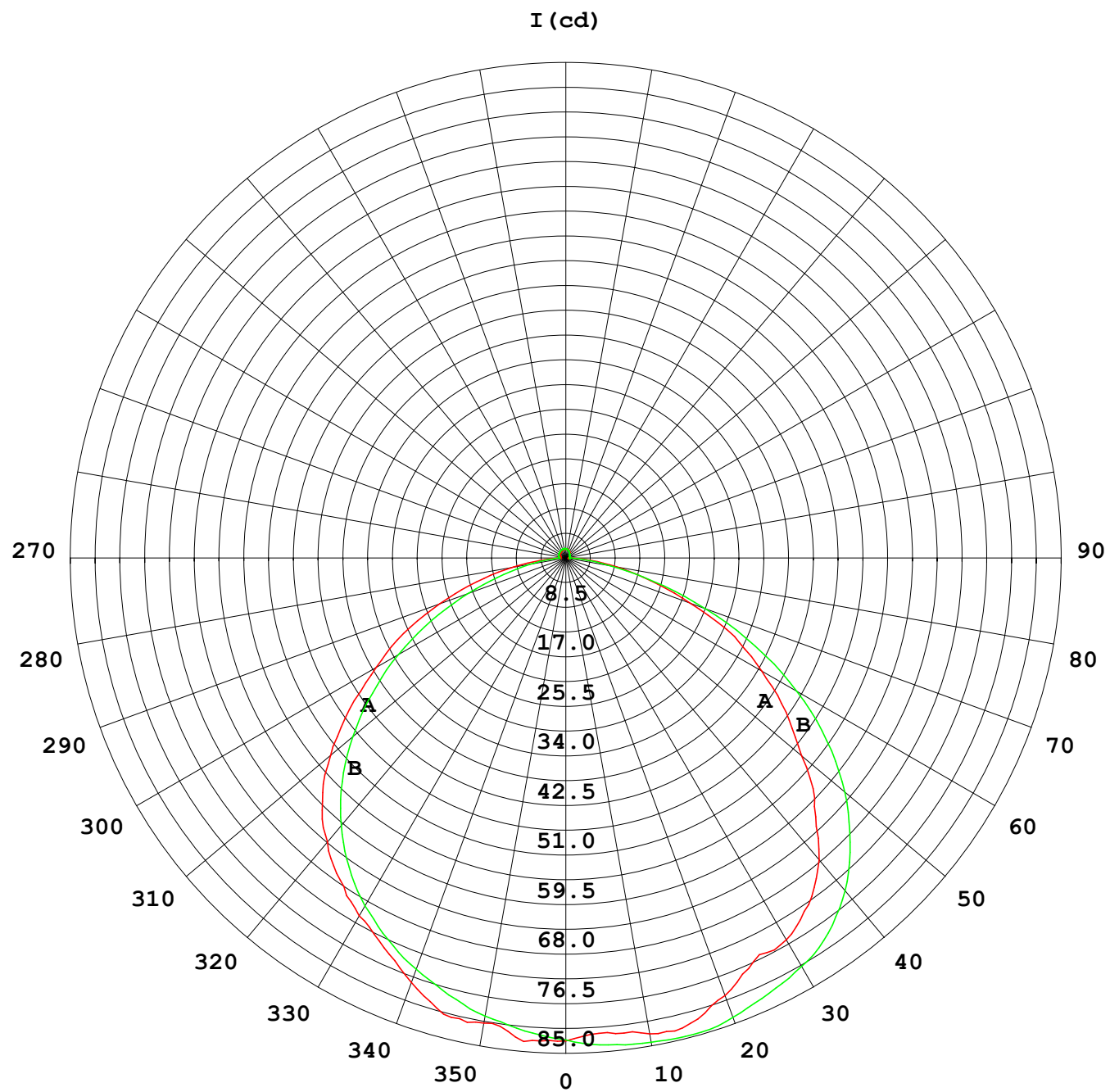
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	78.43	71.95
36.0	76.08	70.50
39.0	73.17	68.12
42.0	70.10	65.77
45.0	66.34	63.15
48.0	62.92	59.88
51.0	58.73	56.49
54.0	54.62	52.32
57.0	49.98	47.39
60.0	45.67	42.54
63.0	40.38	37.21
66.0	34.95	31.95
69.0	29.64	27.02
72.0	24.42	22.48
75.0	19.07	17.51
78.0	13.83	12.89
81.0	9.126	8.626
84.0	5.111	4.859
87.0	2.091	2.050
90.0	0.6300	0.7362
93.0	0.5748	0.5611
96.0	0.5748	0.5402
99.0	0.6095	0.5402
102.0	0.6443	0.5402
105.0	0.6858	0.6022
108.0	0.7205	0.6095
111.0	0.7620	0.6509
114.0	0.8104	0.7063
117.0	0.8383	0.7271
120.0	0.8797	0.7687
123.0	0.9074	0.8311
126.0	0.9490	0.8933
129.0	0.9974	0.9418
132.0	1.032	0.9625
135.0	1.067	1.052
138.0	1.122	1.073
141.0	1.157	1.136
144.0	1.219	1.163
147.0	1.274	1.212
150.0	1.330	1.288
153.0	1.378	1.316
156.0	1.420	1.392
159.0	1.469	1.420
162.0	1.524	1.475
165.0	1.565	1.496
168.0	1.607	1.538
171.0	1.635	1.586
174.0	1.648	1.600
177.0	1.648	1.621
180.0	1.648	1.641

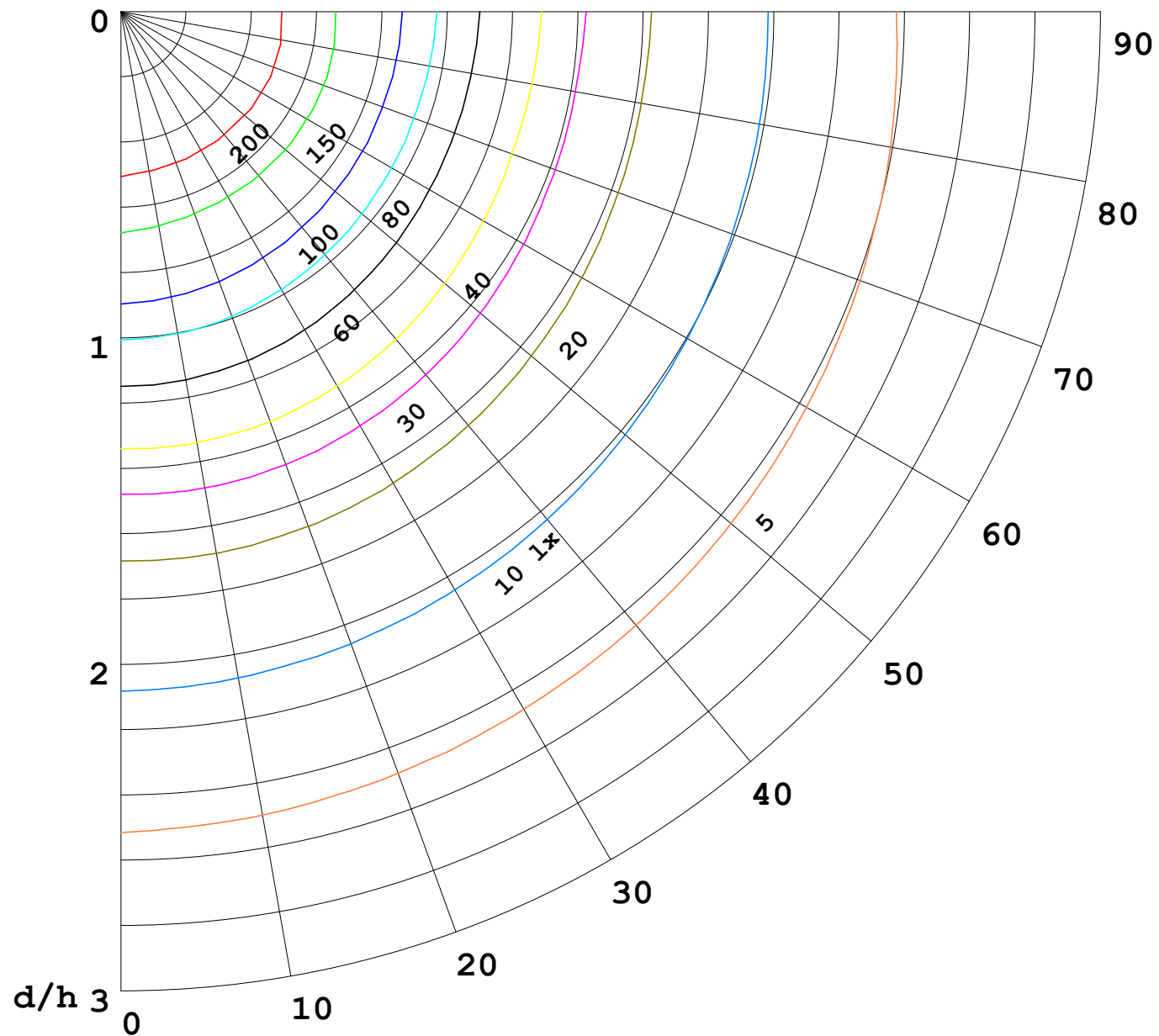
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

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:



1000 lm

$K = 1$



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

