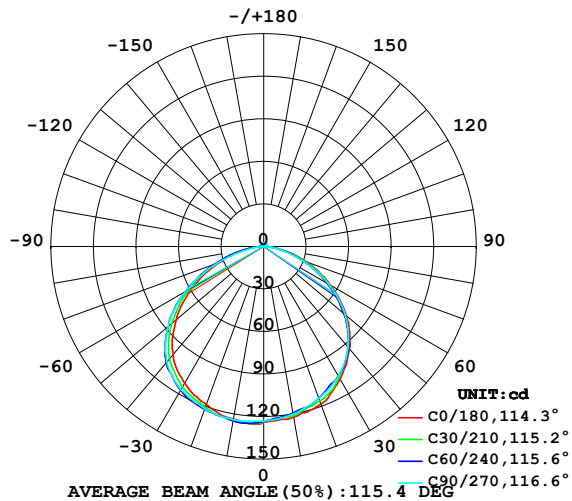


LUMINAIRE PHOTOMETRIC TEST REPORT

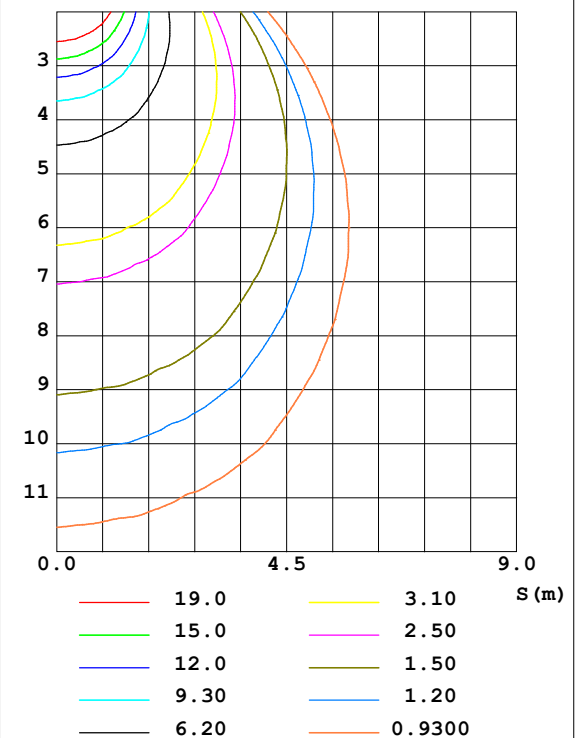
Test:U:24.00V I:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 32.02 lm/W
MODEL	5050	I _{max} (cd)	125.6	S/MH (C0/180)	1.29	
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.28	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	378.50	η UP, DN (C0-180)	1.5, 46.5	
NOMINAL FLUX (lm)	378.499	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 50.8	
LAMPS INSIDE	1	η up (%)	2.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	24.0	η down (%)	97.3	CIBSE SHR MAX	1.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



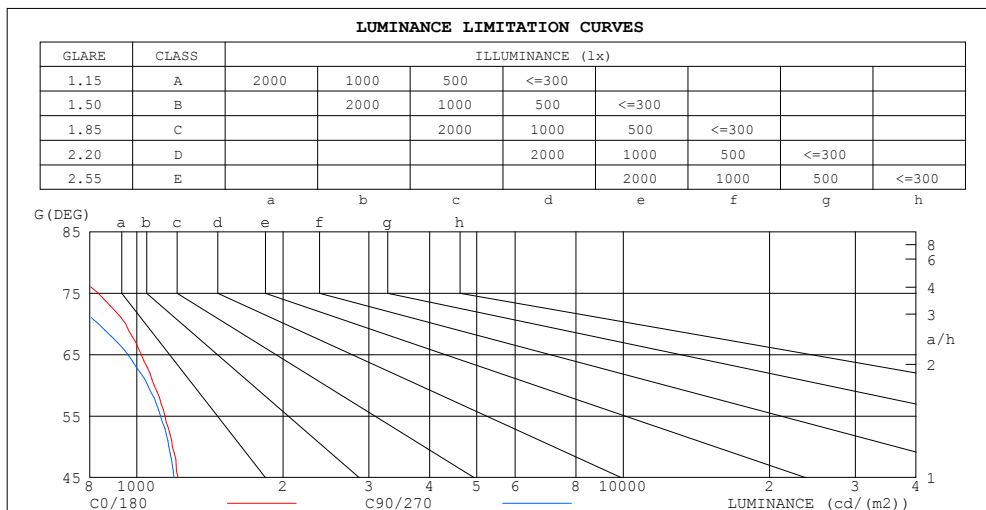
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-06

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	122.2	120.3	119.9	121.1	123.5	124.5	124.0	122.1	0- 10	11.72	11.72	3.1,3.1
20	118.1	114.9	114.0	115.6	118.6	121.4	121.8	119.0	10- 20	34.01	45.73	12.1,12.1
30	108.0	106.0	105.6	107.4	111.4	115.8	116.6	112.3	20- 30	52.87	98.60	26.1,26.1
40	94.29	92.95	92.65	94.99	99.50	105.2	106.3	100.7	30- 40	65.65	164.3	43.4,43.4
50	76.11	74.09	74.81	76.51	80.54	86.36	88.24	81.95	40- 50	69.15	233.4	61.7,61.7
60	54.26	52.36	52.69	54.25	57.73	62.43	63.82	58.68	50- 60	61.46	294.9	77.9,77.9
70	32.43	30.22	28.54	31.47	33.68	36.51	35.30	34.24	60- 70	44.40	339.3	89.6,89.6
80	11.72	10.98	9.747	12.61	13.40	14.06	10.69	12.55	70- 80	23.21	362.5	95.8,95.8
90	1.269	1.450	1.468	1.359	0.8088	0.8424	1.048	0.9577	80- 90	5.881	368.4	97.3,97.3
100	1.323	1.465	1.715	1.458	0.8175	0.8646	0.9696	0.9143	90-100	1.226	369.6	97.6,97.6
110	1.537	1.666	1.815	1.690	1.018	1.048	1.089	1.091	100-110	1.352	370.9	98,98
120	1.731	1.832	1.974	1.856	1.275	1.243	1.184	1.285	110-120	1.448	372.4	98.4,98.4
130	1.932	1.995	2.113	2.022	1.517	1.475	1.420	1.503	120-130	1.480	373.9	98.8,98.8
140	2.071	2.126	2.223	2.161	1.766	1.742	1.683	1.745	130-140	1.425	375.3	99.2,99.2
150	2.188	2.268	2.327	2.289	2.023	1.988	1.939	1.988	140-150	1.274	376.6	99.5,99.5
160	2.327	2.389	2.466	2.419	2.237	2.206	2.175	2.206	150-160	1.026	377.6	99.8,99.8
170	2.431	2.508	2.517	2.497	2.459	2.403	2.382	2.414	160-170	0.6732	378.3	99.9,99.9
180	2.514	2.524	2.528	2.511	2.507	2.514	2.507	2.500	170-180	0.2365	378.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	473	473
80	675	561
75	832	690
70	948	835
65	1022	959
60	1085	1054
55	1142	1119
50	1184	1164
45	1216	1192

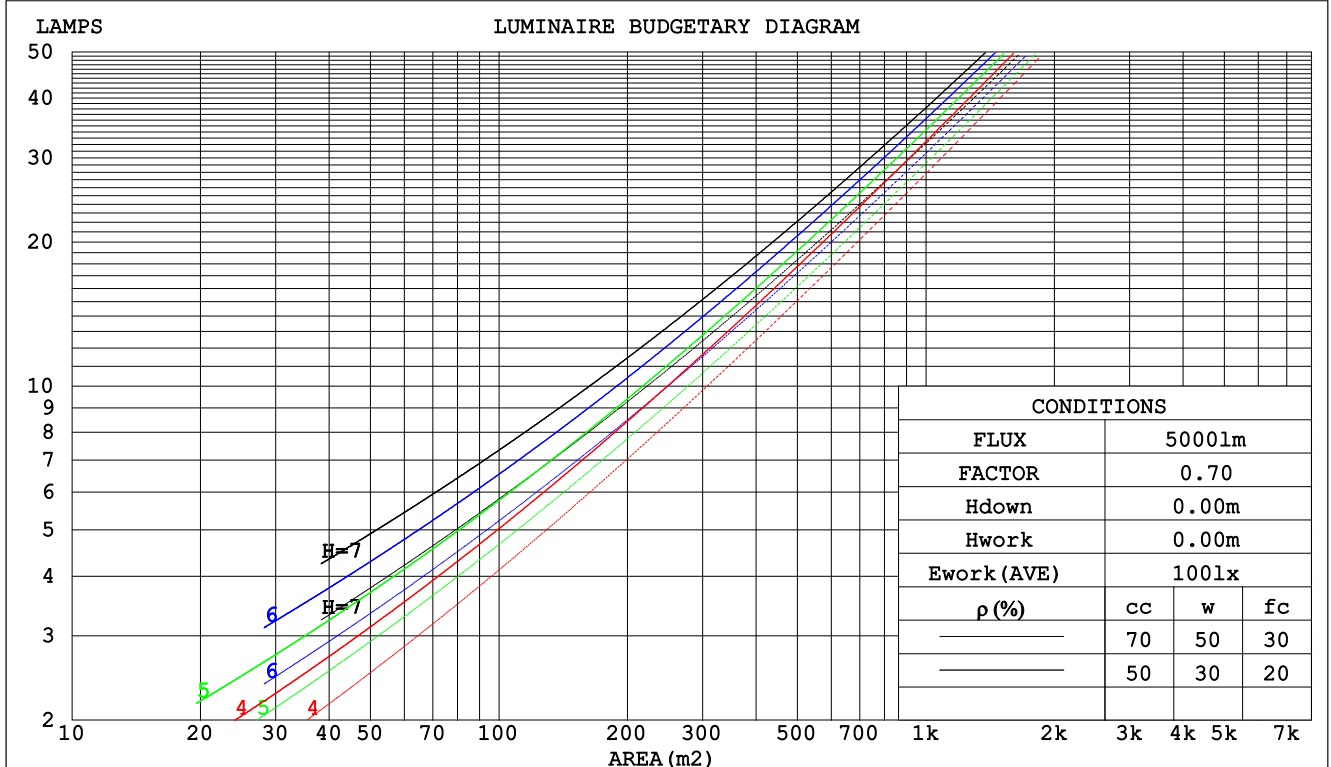
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	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						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	.84	.78	.88	.82	.77	.84	.79	.75	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.65	.77	.70	.64	.74	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.55	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.51	.46	.57	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm					
NAME: SP01-24V-5050-60-RGB-总			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	.303	.172	.055	.295	.168	.053	.280	.161	.051	.266	.154	.049	.254	.147	.047		
2.0	.287	.157	.048	.280	.154	.047	.267	.148	.046	.255	.143	.045	.243	.138	.043		
3.0	.266	.142	.042	.260	.139	.042	.249	.135	.041	.238	.130	.040	.228	.126	.039		
4.0	.247	.128	.038	.241	.126	.037	.231	.122	.037	.221	.119	.036	.212	.115	.035		
5.0	.229	.116	.034	.224	.115	.033	.214	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.212	.106	.030	.208	.105	.030	.200	.102	.030	.192	.100	.029	.185	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.173	.090	.026		
8.0	.185	.090	.025	.181	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022		
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.149	.074	.021	.144	.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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.200	.177	.156	.171	.152	.134	.117	.104	.093	.068	.060	.054	.022	.019	.017	
2.0	.192	.153	.119	.165	.131	.103	.113	.091	.072	.065	.053	.042	.021	.017	.014	
3.0	.185	.135	.096	.158	.117	.083	.109	.081	.058	.063	.047	.034	.020	.015	.011	
4.0	.177	.122	.080	.152	.105	.069	.105	.073	.049	.060	.043	.029	.019	.014	.009	
5.0	.170	.112	.068	.146	.096	.060	.100	.067	.042	.058	.040	.025	.019	.013	.008	
6.0	.163	.103	.060	.140	.089	.053	.097	.063	.037	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.054	.134	.084	.047	.093	.059	.034	.054	.034	.020	.017	.011	.007	
8.0	.150	.091	.050	.129	.079	.044	.089	.055	.031	.052	.033	.018	.017	.011	.006	
9.0	.144	.086	.046	.124	.074	.041	.086	.052	.029	.050	.031	.017	.016	.010	.006	
10.0	.138	.081	.044	.119	.071	.038	.083	.050	.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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm											
NAME: SP01-24V-5050-60-RGB-总						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		13.0	14.5	13.3	14.7	15.0	12.8	14.3	13.1	14.6	14.8
	3H	14.4	15.7	14.7	16.0	16.3	14.1	15.4	14.4	15.7	16.0
	4H	14.9	16.2	15.2	16.5	16.8	14.4	15.7	14.8	16.0	16.4
	6H	15.2	16.4	15.6	16.7	17.1	14.7	15.9	15.0	16.2	16.5
	8H	15.3	16.4	15.6	16.8	17.1	14.7	15.9	15.1	16.2	16.6
	12H	15.3	16.4	15.7	16.7	17.1	14.7	15.9	15.1	16.2	16.6
4H	2H	13.5	14.8	13.9	15.1	15.4	13.4	14.7	13.7	15.0	15.3
	3H	15.1	16.2	15.5	16.5	16.9	14.8	15.9	15.1	16.2	16.6
	4H	15.7	16.7	16.1	17.1	17.5	15.3	16.3	15.7	16.7	17.0
	6H	16.1	17.0	16.5	17.4	17.8	15.6	16.5	16.0	16.9	17.3
	8H	16.2	17.1	16.7	17.5	17.9	15.7	16.5	16.1	16.9	17.4
	12H	16.3	17.0	16.7	17.5	17.9	15.7	16.5	16.2	16.9	17.4
8H	4H	15.9	16.7	16.3	17.1	17.6	15.5	16.3	15.9	16.7	17.2
	6H	16.4	17.1	16.9	17.5	18.0	15.9	16.6	16.4	17.1	17.5
	8H	16.6	17.2	17.1	17.7	18.2	16.1	16.7	16.6	17.1	17.7
	12H	16.7	17.2	17.2	17.7	18.2	16.2	16.7	16.7	17.2	17.7
12H	4H	15.8	16.6	16.3	17.0	17.5	15.5	16.2	15.9	16.7	17.1
	6H	16.4	17.0	16.9	17.5	18.0	15.9	16.6	16.4	17.0	17.5
	8H	16.6	17.1	17.1	17.6	18.2	16.1	16.6	16.6	17.1	17.7
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 378.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.4)

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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

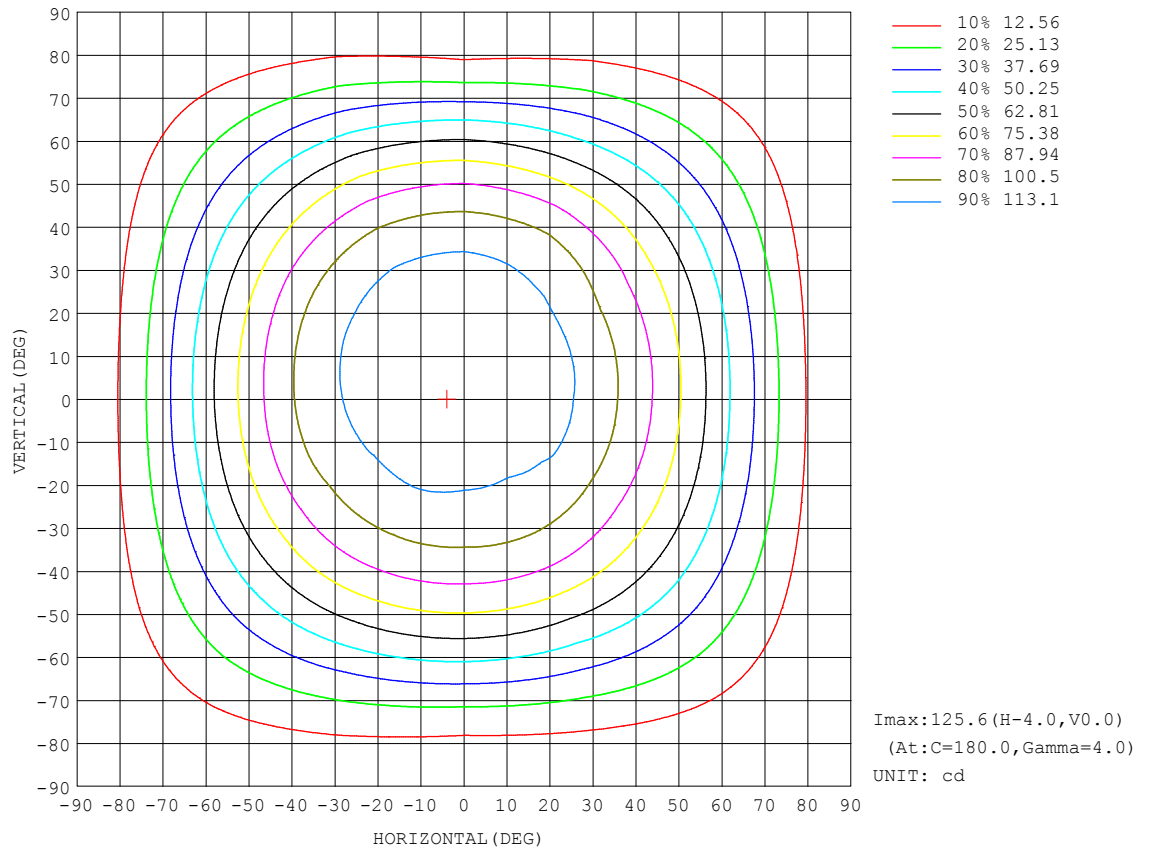
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	54	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	82	75	69	61
2.00	94	86	79	92	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:

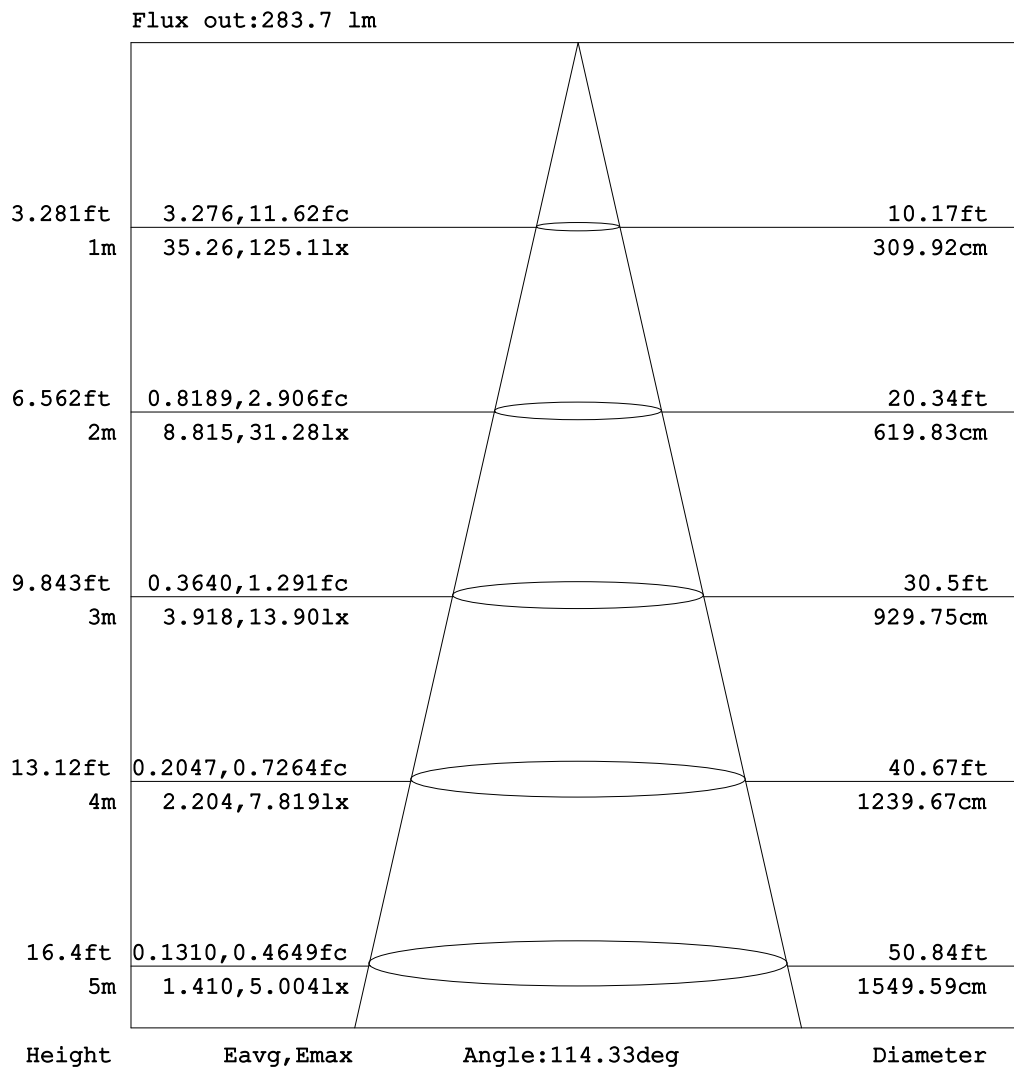


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-06

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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



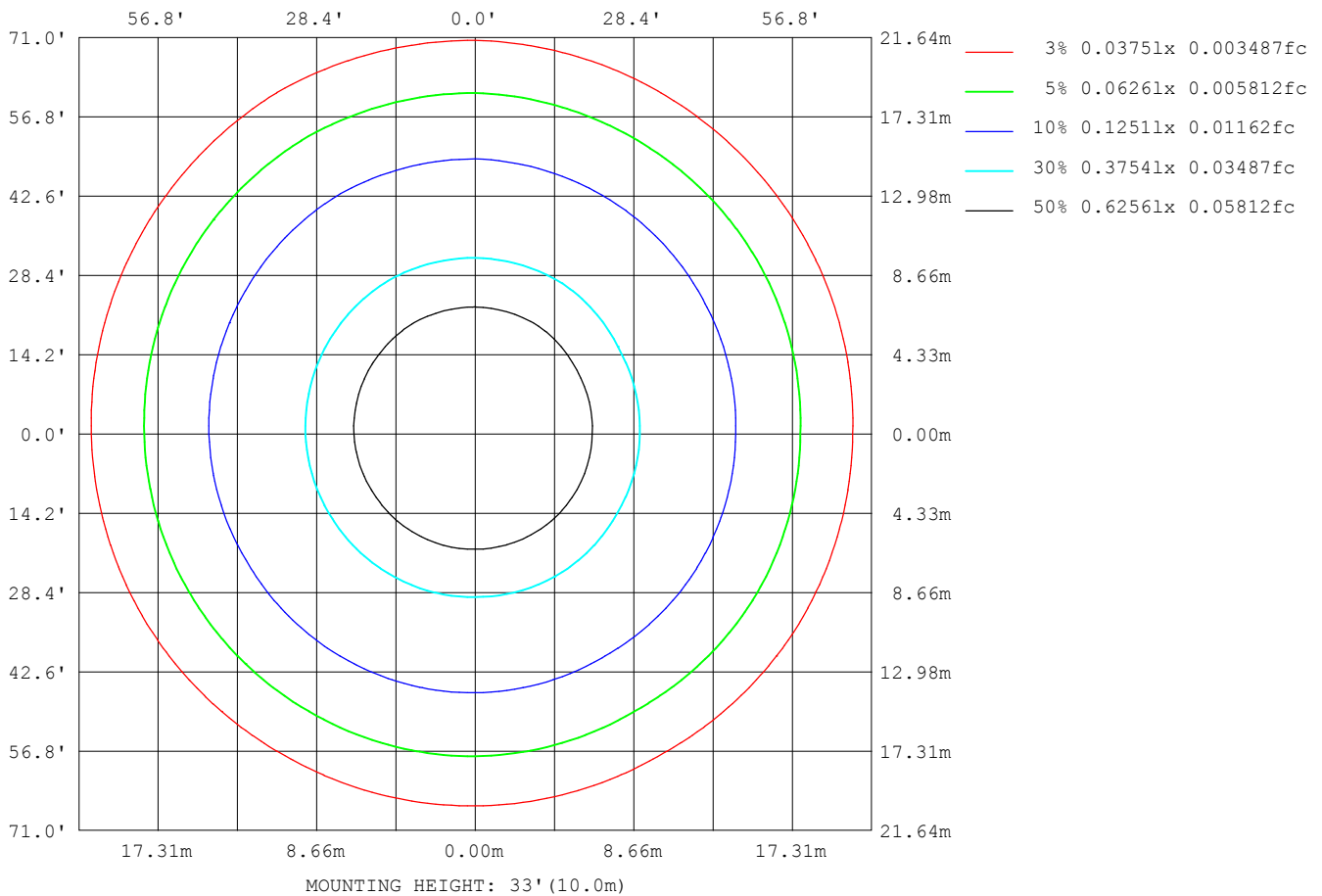
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

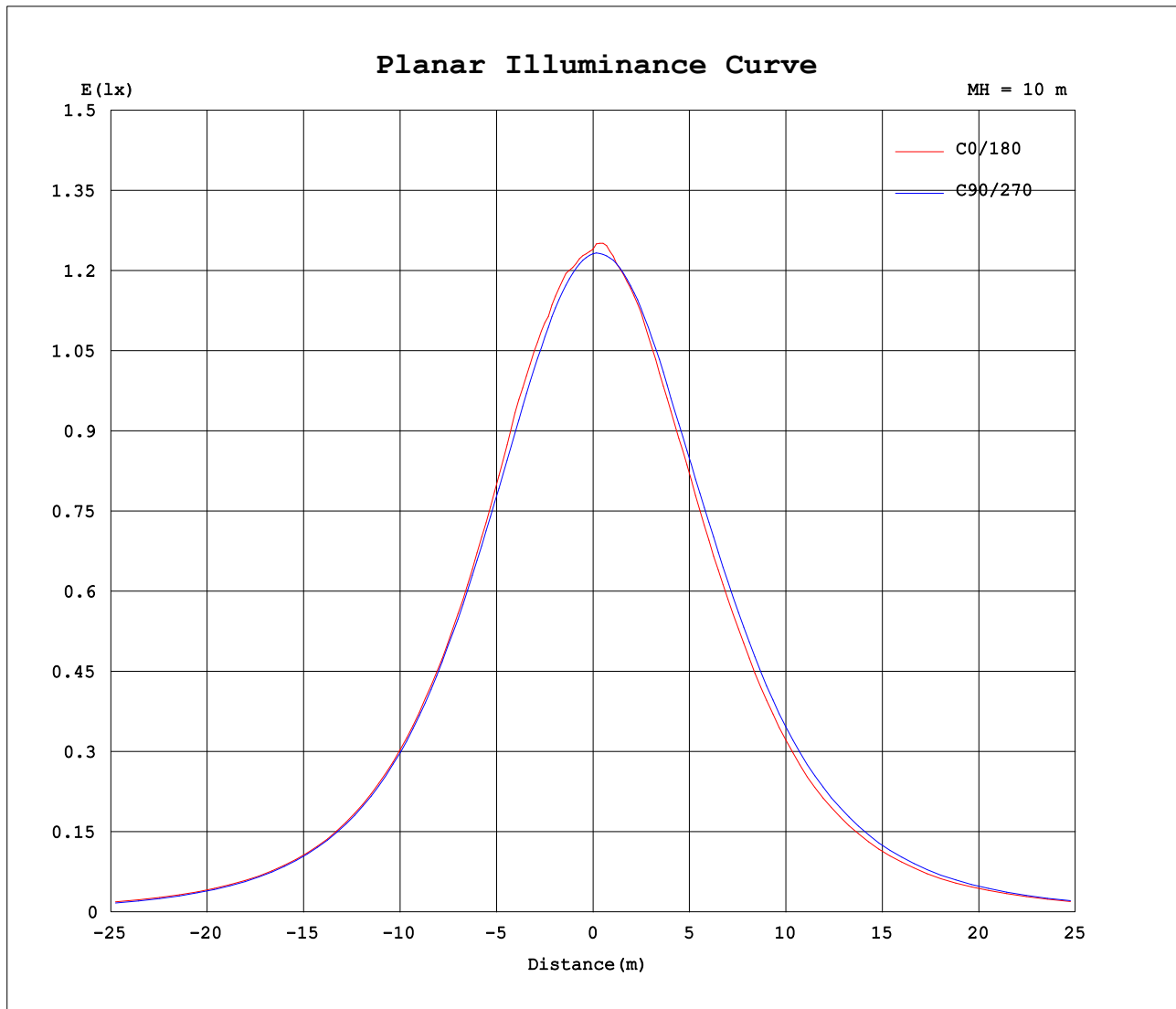
Test:U:24.00V I:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 15MM*7MM	SPEC.:	SERIAL No.:202301007
MFR.: OLYMPIA	SUR.:1*0.015	PROTECTION ANGLE:



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:0.4925A P:11.82W PF:1.000 Lamp Flux:378.499x1 lm		
NAME: SP01-24V-5050-60-RGB-总	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	124	124	123	123	123	123	124	124	123	123	123	123							
5	123	122	121	122	123	123	125	125	125	124	122	122							
10	122	121	119	120	121	121	123	124	125	124	122	122							
15	121	118	117	117	118	120	122	123	123	123	122	119							
20	118	116	114	114	115	116	119	121	122	122	120	118							
25	114	113	109	110	112	113	116	118	120	119	117	115							
30	108	107	105	106	106	108	111	114	117	117	114	110							
35	102	100	100	99.7	101	103	106	109	112	112	110	104							
40	94.3	92.7	93.2	92.6	94.2	95.8	99.5	103	107	106	104	96.9							
45	86.0	84.1	84.2	84.3	85.5	87.1	91.0	94.9	98.3	98.1	95.5	88.5							
50	76.1	74.4	73.8	74.8	75.6	77.4	80.5	84.7	88.0	88.2	84.8	79.1							
55	65.5	64.5	63.1	64.2	65.1	66.2	69.8	73.0	76.9	76.6	72.8	68.3							
60	54.3	53.3	51.4	52.7	53.3	55.2	57.7	60.9	63.9	63.8	60.1	57.3							
65	43.2	42.4	40.1	40.5	41.3	43.9	45.8	48.0	50.6	50.0	47.6	45.2							
70	32.4	31.4	29.0	28.5	30.2	32.7	33.7	35.7	37.3	35.3	35.1	33.4							
75	21.5	21.0	19.0	17.9	20.3	22.4	22.8	24.1	25.2	21.4	23.0	22.3							
80	11.7	11.5	10.4	9.75	12.0	13.2	13.4	13.7	14.4	10.7	12.9	12.2							
85	4.12	4.31	3.90	4.13	5.24	5.94	5.42	5.48	5.90	4.34	4.84	4.18							
90	1.27	1.55	1.35	1.47	1.38	1.34	0.81	0.85	0.84	1.05	1.10	0.81							
95	1.27	1.34	1.37	1.65	1.37	1.31	0.71	0.74	0.86	0.98	0.89	0.80							
100	1.32	1.44	1.49	1.71	1.49	1.43	0.82	0.78	0.95	0.97	1.00	0.83							
105	1.43	1.55	1.59	1.74	1.60	1.54	0.93	0.90	1.02	1.06	1.08	0.95							
110	1.54	1.66	1.67	1.81	1.72	1.66	1.02	0.99	1.10	1.09	1.14	1.04							
115	1.64	1.77	1.77	1.90	1.78	1.75	1.16	1.09	1.18	1.12	1.21	1.12							
120	1.73	1.82	1.84	1.97	1.86	1.85	1.27	1.20	1.28	1.18	1.32	1.25							
125	1.82	1.93	1.95	2.05	1.95	1.93	1.39	1.32	1.40	1.31	1.41	1.34							
130	1.93	1.99	1.99	2.11	2.02	2.02	1.52	1.44	1.51	1.42	1.52	1.48							
135	1.98	2.08	2.06	2.17	2.08	2.10	1.63	1.56	1.63	1.54	1.64	1.59							
140	2.07	2.15	2.10	2.22	2.15	2.17	1.77	1.72	1.77	1.68	1.77	1.72							
145	2.13	2.21	2.16	2.28	2.19	2.23	1.89	1.83	1.90	1.82	1.90	1.84							
150	2.19	2.28	2.26	2.33	2.27	2.31	2.02	1.95	2.03	1.94	2.02	1.95							
155	2.27	2.35	2.31	2.40	2.33	2.37	2.14	2.06	2.15	2.08	2.15	2.08							
160	2.33	2.41	2.37	2.47	2.40	2.44	2.24	2.16	2.25	2.17	2.24	2.17							
165	2.39	2.47	2.42	2.51	2.44	2.50	2.34	2.27	2.35	2.27	2.35	2.28							
170	2.43	2.51	2.50	2.52	2.49	2.51	2.46	2.37	2.44	2.38	2.44	2.38							
175	2.48	2.52	2.52	2.52	2.50	2.51	2.50	2.42	2.52	2.44	2.51	2.45							
180	2.51	2.52	2.53	2.53	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.49							

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	124.0	123.8	123.3	123.2	122.9	122.6	124.0	123.8	123.3	123.2
3.0	123.3	122.3	121.9	122.5	123.2	123.6	125.6	125.3	124.5	123.5
6.0	122.6	121.6	120.9	121.5	122.8	122.6	124.8	124.8	125.3	124.0
9.0	122.6	121.6	119.7	120.4	121.5	121.6	123.8	124.3	125.2	124.0
12.0	121.4	120.0	118.2	119.0	119.6	120.4	123.2	123.7	124.1	123.8
15.0	120.6	117.8	117.4	117.1	118.1	119.7	122.0	123.4	123.4	123.4
18.0	119.3	116.8	115.6	115.5	116.4	117.5	120.2	121.7	122.7	122.6
21.0	117.9	115.5	112.9	113.2	114.6	115.3	118.1	119.9	122.0	121.2
24.0	114.7	113.5	110.1	110.9	112.5	113.3	116.2	118.3	120.7	119.9
27.0	111.2	110.3	107.6	108.3	110.1	110.8	114.2	116.5	119.5	118.3
30.0	108.0	106.7	105.3	105.6	106.4	108.4	111.4	114.5	117.1	116.6
33.0	103.9	102.8	102.6	103.2	105.0	108.5	111.5	114.4	114.2	114.2
36.0	100.1	98.48	98.98	98.54	99.33	101.2	105.2	108.0	111.1	111.2
39.0	95.69	94.17	94.63	94.19	95.54	97.54	101.2	104.8	108.6	107.7
42.0	91.16	89.07	89.77	89.61	90.66	92.92	96.54	100.3	103.9	103.1
45.0	86.02	84.09	84.16	84.30	85.49	87.15	91.03	94.90	98.35	98.06
48.0	80.50	78.56	78.20	78.86	79.29	81.68	84.45	89.11	92.54	92.24
51.0	74.30	72.59	71.69	72.87	73.71	75.15	78.79	82.20	86.20	86.07
54.0	67.56	66.47	65.28	66.42	67.28	68.58	72.30	75.50	79.31	79.27
57.0	61.17	59.88	58.39	59.78	60.08	62.09	65.06	68.35	71.87	71.67
60.0	54.26	53.34	51.39	52.69	53.34	55.16	57.73	60.94	63.93	63.82
63.0	47.67	46.75	44.57	45.31	46.22	48.51	50.51	53.51	55.82	55.54
66.0	41.01	40.14	37.90	38.13	39.09	41.61	43.26	45.48	47.96	46.69
69.0	34.45	33.50	31.08	30.83	32.44	34.79	36.02	38.14	39.88	38.05
72.0	27.97	27.12	24.86	23.98	26.33	28.48	29.13	31.22	32.23	29.46
75.0	21.54	20.96	19.02	17.86	20.32	22.43	22.81	24.06	25.18	21.36
78.0	15.40	15.12	13.67	12.79	15.18	16.69	17.03	17.71	18.54	14.42
81.0	9.984	9.786	8.922	8.348	10.51	11.54	11.71	12.00	12.52	9.264
84.0	5.378	5.502	4.966	4.972	6.388	7.273	6.894	6.914	7.372	5.379
87.0	2.212	2.322	2.232	2.607	3.259	3.455	2.830	2.817	3.341	2.397
90.0	1.269	1.548	1.351	1.468	1.382	1.336	0.8088	0.8473	0.8375	1.048
93.0	1.254	1.309	1.363	1.614	1.362	1.268	0.6790	0.7272	0.8313	0.9355
96.0	1.274	1.358	1.385	1.656	1.378	1.337	0.7344	0.7445	0.8867	0.9903
99.0	1.295	1.420	1.447	1.709	1.468	1.399	0.8035	0.7618	0.9317	0.9627
102.0	1.399	1.482	1.510	1.725	1.517	1.475	0.8590	0.8312	0.9768	1.032
105.0	1.433	1.552	1.586	1.740	1.599	1.545	0.9282	0.9001	1.018	1.058
108.0	1.496	1.607	1.641	1.780	1.648	1.614	0.9975	0.9748	1.074	1.076
111.0	1.558	1.676	1.703	1.835	1.725	1.669	1.032	1.004	1.115	1.095
114.0	1.620	1.745	1.752	1.884	1.759	1.739	1.122	1.066	1.157	1.108
117.0	1.710	1.801	1.814	1.932	1.821	1.794	1.205	1.149	1.226	1.170
120.0	1.731	1.821	1.842	1.974	1.863	1.849	1.275	1.205	1.282	1.184
123.0	1.807	1.891	1.911	2.016	1.953	1.898	1.351	1.281	1.358	1.288
126.0	1.849	1.946	1.946	2.071	1.967	1.953	1.413	1.350	1.420	1.336
129.0	1.904	1.995	1.981	2.112	2.001	2.009	1.489	1.413	1.482	1.399
132.0	1.946	2.029	2.022	2.140	2.071	2.050	1.565	1.496	1.565	1.482
135.0	1.981	2.085	2.062	2.175	2.078	2.099	1.635	1.565	1.635	1.544
138.0	2.050	2.133	2.091	2.203	2.098	2.147	1.711	1.641	1.711	1.627
141.0	2.078	2.154	2.112	2.237	2.161	2.182	1.787	1.724	1.794	1.710
144.0	2.105	2.196	2.161	2.272	2.175	2.223	1.877	1.821	1.870	1.787
147.0	2.155	2.237	2.181	2.306	2.223	2.265	1.946	1.863	1.940	1.870
150.0	2.188	2.279	2.257	2.327	2.272	2.306	2.023	1.946	2.030	1.939
153.0	2.244	2.320	2.300	2.369	2.306	2.348	2.099	2.008	2.099	2.029
156.0	2.272	2.369	2.313	2.417	2.341	2.383	2.168	2.078	2.175	2.091
159.0	2.313	2.410	2.361	2.452	2.394	2.424	2.223	2.160	2.230	2.154
162.0	2.368	2.438	2.382	2.493	2.411	2.466	2.286	2.202	2.286	2.223
165.0	2.389	2.473	2.417	2.509	2.438	2.500	2.341	2.272	2.348	2.272
168.0	2.417	2.500	2.493	2.514	2.479	2.504	2.410	2.320	2.403	2.341
171.0	2.452	2.516	2.504	2.518	2.493	2.507	2.459	2.382	2.459	2.389
174.0	2.477	2.518	2.516	2.523	2.502	2.511	2.500	2.417	2.494	2.424
177.0	2.493	2.521	2.528	2.528	2.507	2.514	2.507	2.486	2.514	2.486
180.0	2.514	2.521	2.528	2.528	2.507	2.514	2.507	2.514	2.514	2.507
G/C	300.0	330.0								
0.0	122.9	122.6								
3.0	122.7	121.9								
6.0	122.5	121.5								
9.0	122.3	122.3								
12.0	121.6	121.2								
15.0	121.6	119.1								
18.0	120.9	118.7								
21.0	119.3	117.9								
24.0	117.5	116.2								
27.0	115.2	113.5								
30.0	114.4	110.2								

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:

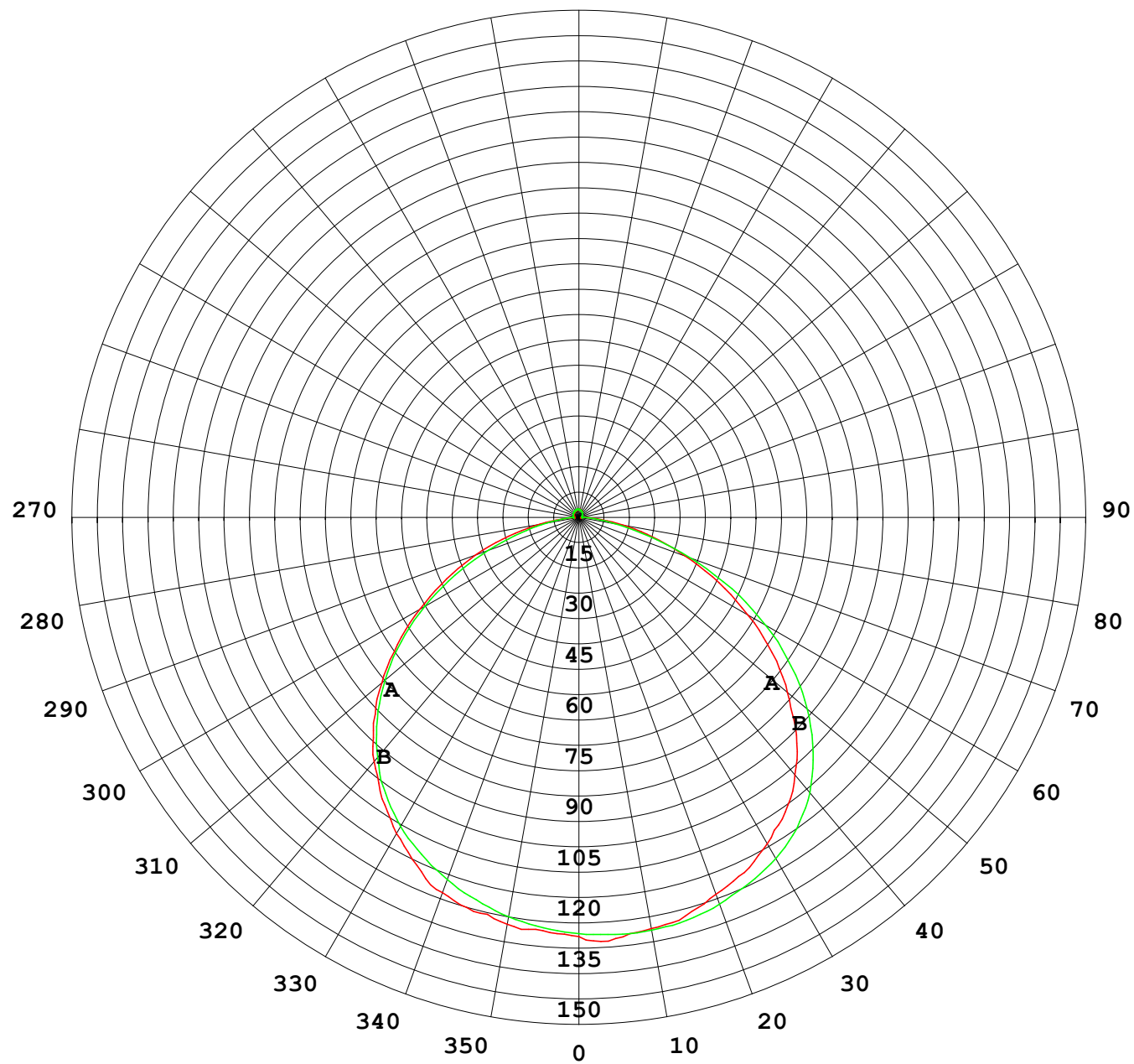
Photometric Data Table [cd]

33.0	112.3	106.6
36.0	109.1	102.7
39.0	105.8	98.08
42.0	101.2	93.52
45.0	95.49	88.55
48.0	89.35	82.84
51.0	82.18	76.92
54.0	75.44	70.64
57.0	68.11	64.20
60.0	60.07	57.29
63.0	52.31	50.46
66.0	45.03	42.89
69.0	37.64	35.88
72.0	30.04	28.96
75.0	23.02	22.26
78.0	16.84	16.09
81.0	11.06	10.57
84.0	6.209	5.541
87.0	2.519	1.990
90.0	1.104	0.8115
93.0	0.9736	0.7880
96.0	0.9076	0.8061
99.0	0.9631	0.8241
102.0	1.025	0.8724
105.0	1.081	0.9487
108.0	1.108	0.9833
111.0	1.157	1.053
114.0	1.198	1.101
117.0	1.247	1.170
120.0	1.316	1.253
123.0	1.372	1.302
126.0	1.434	1.371
129.0	1.496	1.433
132.0	1.566	1.510
135.0	1.642	1.593
138.0	1.718	1.662
141.0	1.794	1.738
144.0	1.863	1.835
147.0	1.953	1.890
150.0	2.023	1.953
153.0	2.099	2.043
156.0	2.175	2.085
159.0	2.230	2.154
162.0	2.300	2.257
165.0	2.355	2.279
168.0	2.403	2.334
171.0	2.452	2.376
174.0	2.500	2.424
177.0	2.507	2.479
180.0	2.507	2.493

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

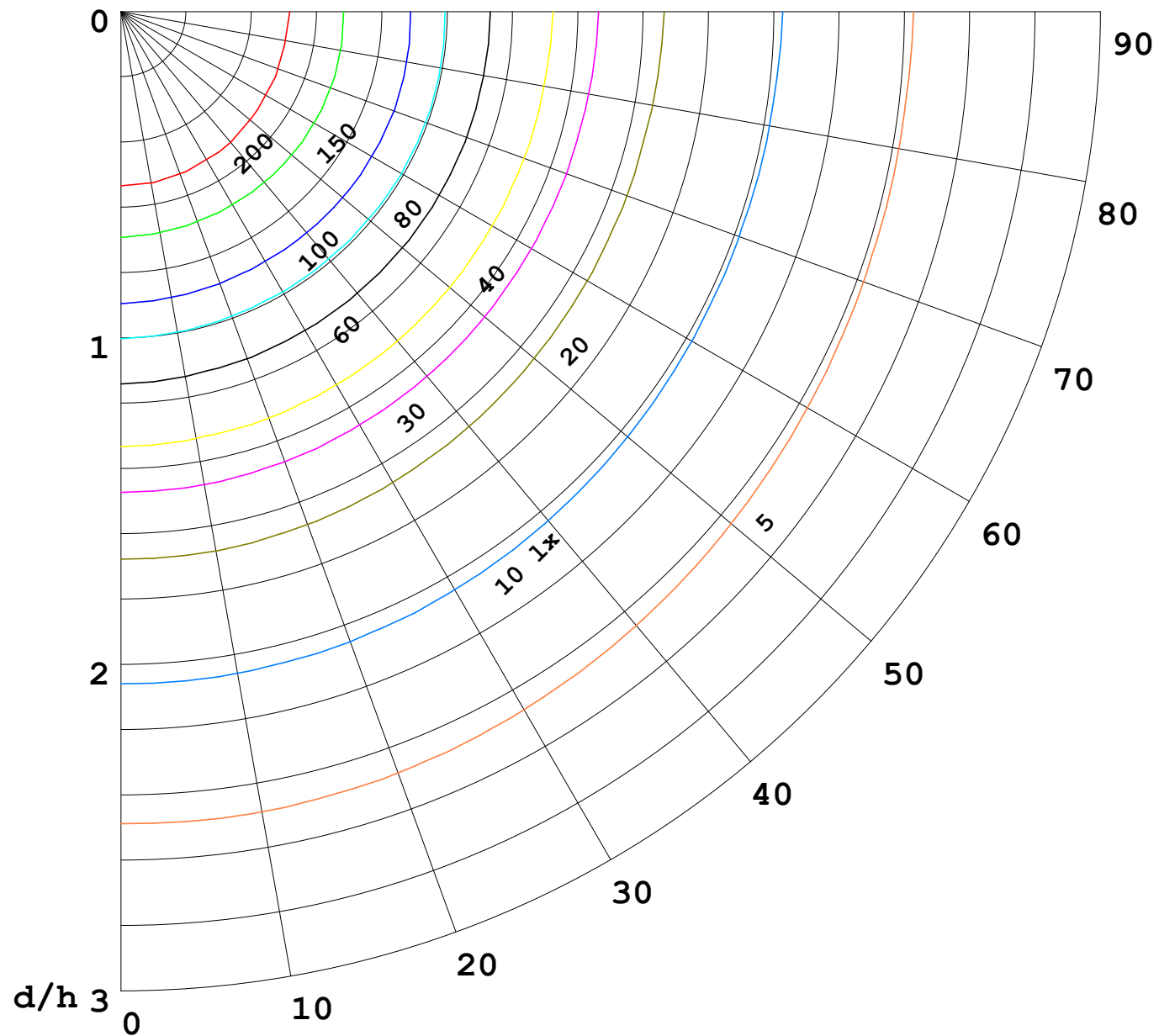
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

