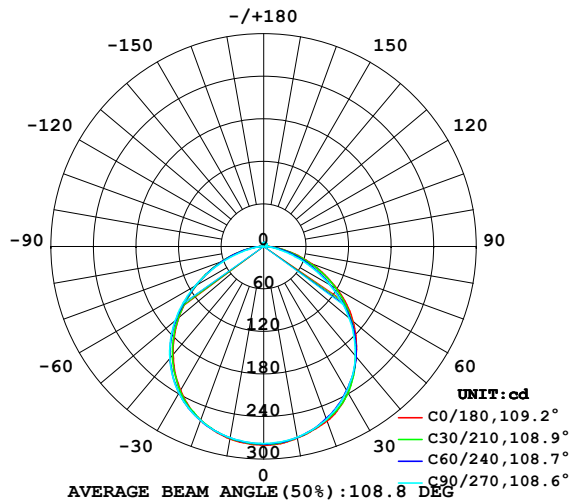


LUMINAIRE PHOTOMETRIC TEST REPORT

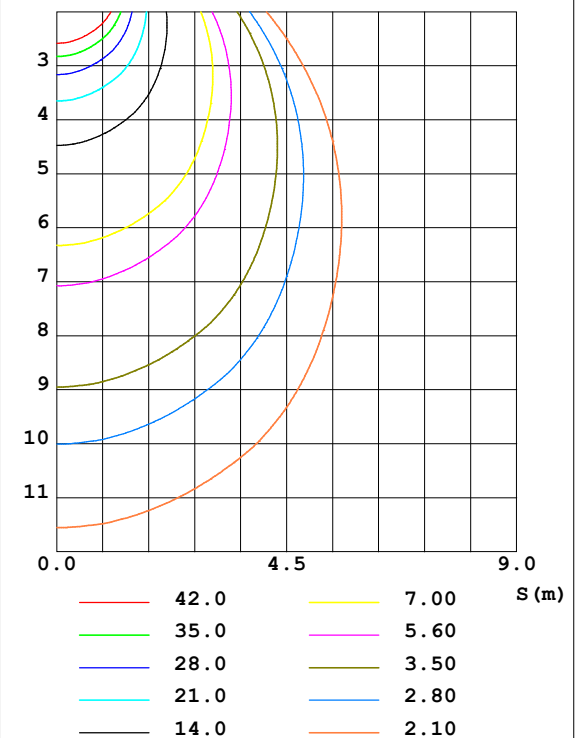
Test:U:24.00V I:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.46 lm/W			
MODEL	5050	I _{max} (cd)	280.3	S/MH (C0/180)	1.26
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	783.47	η UP, DN (C0-180)	1.6, 48.4
NOMINAL FLUX (lm)	783.465	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.8
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



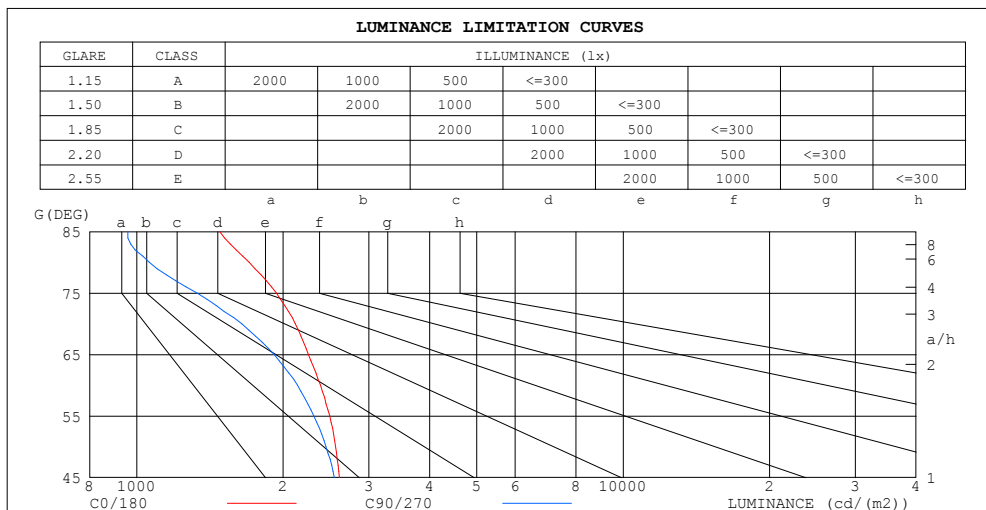
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-14

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	274.3	273.8	273.1	272.3	275.4	274.4	273.8	272.5	0- 10	26.34	26.34	3.36,3.36
20	261.8	259.1	259.3	258.1	260.6	260.7	261.2	258.9	10- 20	75.57	101.9	13,13
30	237.5	236.4	235.2	234.0	234.4	237.3	239.1	237.3	20- 30	114.9	216.9	27.7,27.7
40	202.6	202.4	201.1	199.6	198.8	203.1	206.1	205.2	30- 40	137.8	354.7	45.3,45.3
50	164.7	160.6	157.4	156.0	156.5	159.6	163.3	164.2	40- 50	140.5	495.1	63.2,63.2
60	119.3	113.1	107.0	107.8	110.0	110.4	111.9	117.0	50- 60	122.0	617.1	78.8,78.8
70	72.45	65.72	56.24	61.30	62.14	62.81	58.60	68.49	60- 70	86.59	703.7	89.8,89.8
80	29.57	25.70	18.43	23.99	24.25	23.94	18.93	27.09	70- 80	45.33	749.0	95.6,95.6
90	3.777	3.315	3.111	3.150	2.053	2.193	2.229	2.626	80- 90	12.51	761.6	97.2,97.2
100	2.895	3.075	3.636	3.137	1.829	1.915	2.029	1.912	90-100	2.682	764.2	97.5,97.5
110	3.296	3.484	3.754	3.560	2.300	2.327	2.347	2.282	100-110	2.879	767.1	97.9,97.9
120	3.726	3.882	4.093	3.948	2.819	2.791	2.729	2.736	110-120	3.105	770.2	98.3,98.3
130	4.148	4.235	4.391	4.301	3.346	3.311	3.268	3.238	120-130	3.187	773.4	98.7,98.7
140	4.481	4.533	4.668	4.613	3.907	3.851	3.767	3.768	130-140	3.083	776.5	99.1,99.1
150	4.820	4.848	4.925	4.921	4.440	4.398	4.314	4.301	140-150	2.765	779.3	99.5,99.5
160	5.145	5.146	5.229	5.212	4.939	4.890	4.820	4.807	150-160	2.227	781.5	99.7,99.7
170	5.388	5.395	5.444	5.423	5.354	5.284	5.229	5.215	160-170	1.465	782.9	99.9,99.9
180	5.492	5.513	5.520	5.503	5.506	5.506	5.506	5.471	170-180	0.5157	783.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1481	959
80	1703	1061
75	1936	1330
70	2118	1644
65	2254	1916
60	2386	2141
55	2495	2313
50	2562	2449
45	2609	2550

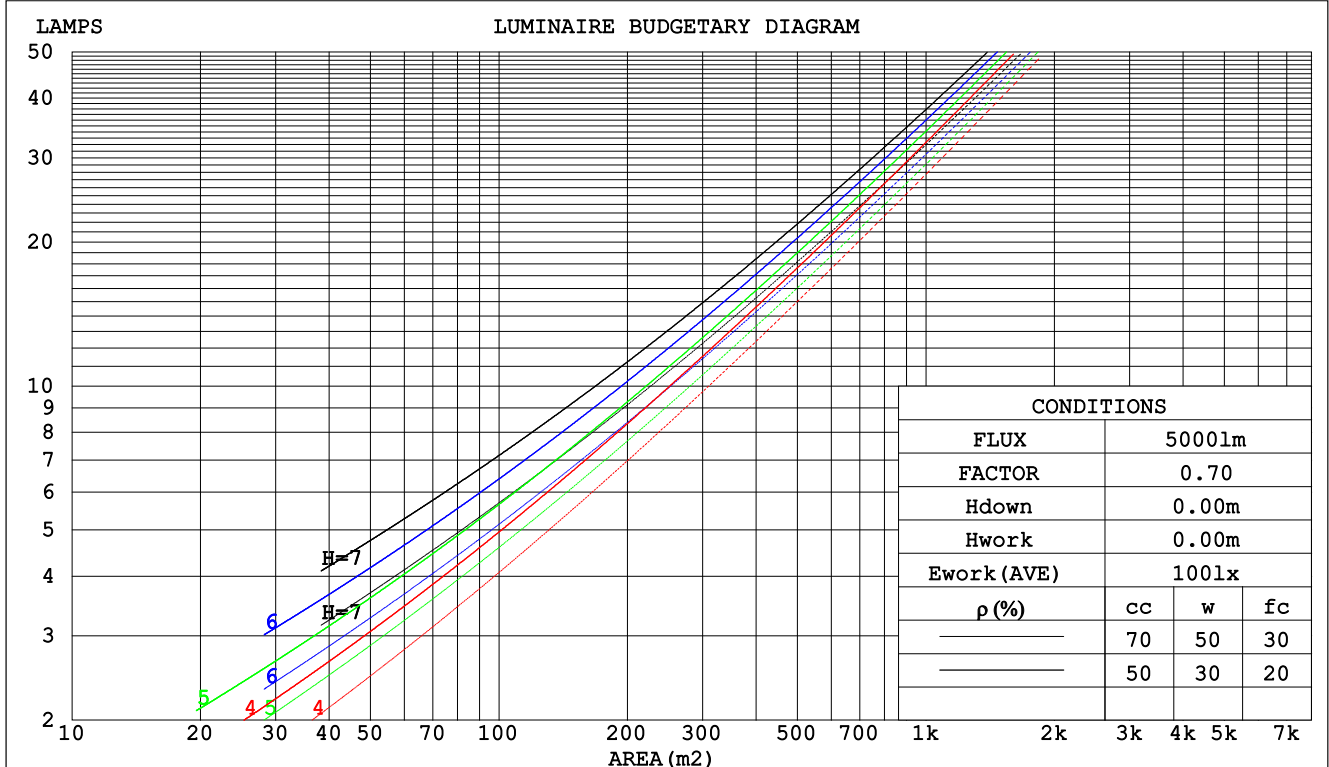
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE:硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
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	.99	.99	.99	.97
1.0	1.04	.00	.96	1.01	.98	.94	.97	.93	.91	.92	.90	.87	.88	.86	.84	.82
2.0	.91	.84	.79	.89	.83	.77	.85	.80	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.68	.63	.72	.66	.62	.69	.64	.60	.58
4.0	.71	.62	.56	.69	.61	.55	.67	.60	.54	.64	.58	.53	.61	.56	.52	.50
5.0	.63	.55	.48	.62	.54	.48	.60	.52	.47	.57	.51	.46	.55	.50	.45	.43
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.45	.41	.50	.44	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.33	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm					
NAME: SP01-24V-5050-60-RGBW-4000K-80-总			TYPE:硅胶		WEIGHT:
DIM.: 15mm*7mm			SPEC.:		SERIAL No.:20221221
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	.298	.169	.054	.290	.165	.053	.275	.158	.050	.262	.151	.048	.249	.144	.047		
2.0	.282	.154	.047	.275	.151	.047	.262	.146	.045	.250	.140	.044	.239	.135	.043		
3.0	.262	.139	.042	.256	.137	.041	.244	.132	.040	.233	.128	.039	.224	.124	.038		
4.0	.243	.126	.037	.237	.124	.037	.227	.120	.036	.217	.117	.035	.208	.113	.034		
5.0	.225	.115	.033	.220	.113	.033	.211	.110	.032	.202	.107	.032	.194	.104	.031		
6.0	.209	.105	.030	.205	.104	.030	.197	.101	.029	.189	.098	.029	.182	.096	.028		
7.0	.195	.097	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.170	.088	.026		
8.0	.183	.089	.025	.179	.088	.025	.172	.086	.025	.166	.084	.024	.160	.082	.024		
9.0	.171	.083	.023	.168	.082	.023	.162	.080	.023	.156	.078	.022	.151	.077	.022		
10.0	.161	.077	.021	.158	.077	.021	.153	.075	.021	.148	.073	.021	.143	.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	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.201	.178	.157	.172	.153	.135	.118	.105	.093	.068	.061	.054	.022	.020	.018	
2.0	.193	.154	.121	.165	.132	.104	.113	.091	.073	.065	.053	.043	.021	.017	.014	
3.0	.185	.136	.097	.158	.117	.084	.109	.081	.059	.063	.048	.035	.020	.015	.011	
4.0	.177	.123	.081	.152	.106	.070	.105	.074	.050	.060	.043	.029	.019	.014	.010	
5.0	.170	.112	.070	.146	.097	.061	.100	.068	.043	.058	.040	.025	.019	.013	.008	
6.0	.163	.104	.062	.140	.090	.054	.097	.063	.038	.056	.037	.023	.018	.012	.007	
7.0	.156	.097	.056	.134	.084	.049	.093	.059	.034	.054	.035	.020	.017	.011	.007	
8.0	.150	.091	.051	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
9.0	.144	.086	.048	.124	.075	.042	.086	.053	.029	.050	.031	.018	.016	.010	.006	
10.0	.138	.082	.045	.119	.071	.039	.083	.050	.028	.048	.030	.017	.016	.010	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm											
NAME: SP01-24V-5050-60-RGBW-4000K-80-总						TYPE:硅胶		WEIGHT:			
DIM.: 15mm*7mm						SPEC.:		SERIAL No.:20221221			
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	15.9	17.4	16.2	17.6	17.9	15.5	17.0	15.8	17.2	17.5	
	3H	17.3	18.7	17.7	19.0	19.2	16.6	18.0	17.0	18.2	18.5
	4H	17.9	19.2	18.2	19.5	19.8	17.0	18.3	17.3	18.6	18.9
	6H	18.3	19.5	18.6	19.8	20.1	17.2	18.4	17.5	18.7	19.0
	8H	18.4	19.5	18.8	19.9	20.2	17.2	18.4	17.6	18.7	19.1
	12H	18.5	19.6	18.9	19.9	20.3	17.2	18.3	17.6	18.7	19.1
4H	2H	16.4	17.7	16.8	18.0	18.3	16.1	17.3	16.4	17.6	18.0
	3H	18.0	19.1	18.4	19.5	19.8	17.4	18.5	17.8	18.8	19.2
	4H	18.7	19.7	19.1	20.1	20.5	17.9	18.9	18.3	19.2	19.6
	6H	19.2	20.1	19.6	20.5	20.9	18.1	19.0	18.6	19.4	19.9
	8H	19.4	20.2	19.8	20.6	21.1	18.2	19.1	18.7	19.5	19.9
	12H	19.5	20.2	19.9	20.7	21.1	18.3	19.0	18.8	19.5	19.9
8H	4H	18.9	19.7	19.3	20.1	20.6	18.1	18.9	18.6	19.4	19.8
	6H	19.5	20.2	20.0	20.6	21.1	18.5	19.2	19.0	19.7	20.2
	8H	19.8	20.4	20.3	20.8	21.3	18.7	19.3	19.2	19.8	20.3
	12H	19.9	20.5	20.5	21.0	21.5	18.8	19.3	19.3	19.8	20.3
12H	4H	18.8	19.6	19.3	20.0	20.5	18.1	18.9	18.6	19.3	19.8
	6H	19.5	20.1	20.0	20.6	21.1	18.6	19.2	19.1	19.7	20.2
	8H	19.8	20.3	20.3	20.8	21.4	18.8	19.3	19.3	19.8	20.3
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	+ 0.2 / - 0.3					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 783.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE:硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

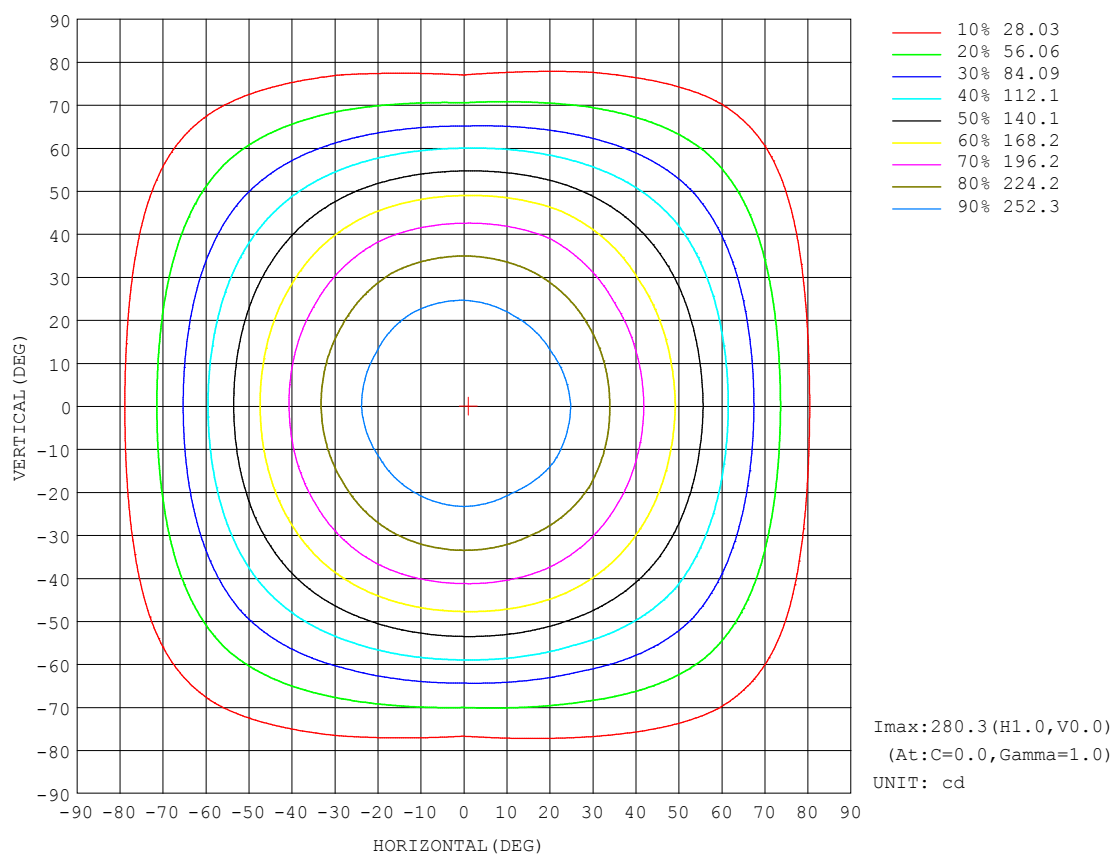
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	72	66	57	50
1.25	83	73	66	82	72	66	79	71	65	57
1.50	88	79	72	86	78	71	83	76	70	62
2.00	95	87	80	93	85	79	89	83	78	69
2.50	99	91	85	97	90	84	92	87	82	73
3.00	102	95	90	100	94	89	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	104	100	106	101	98	101	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:2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

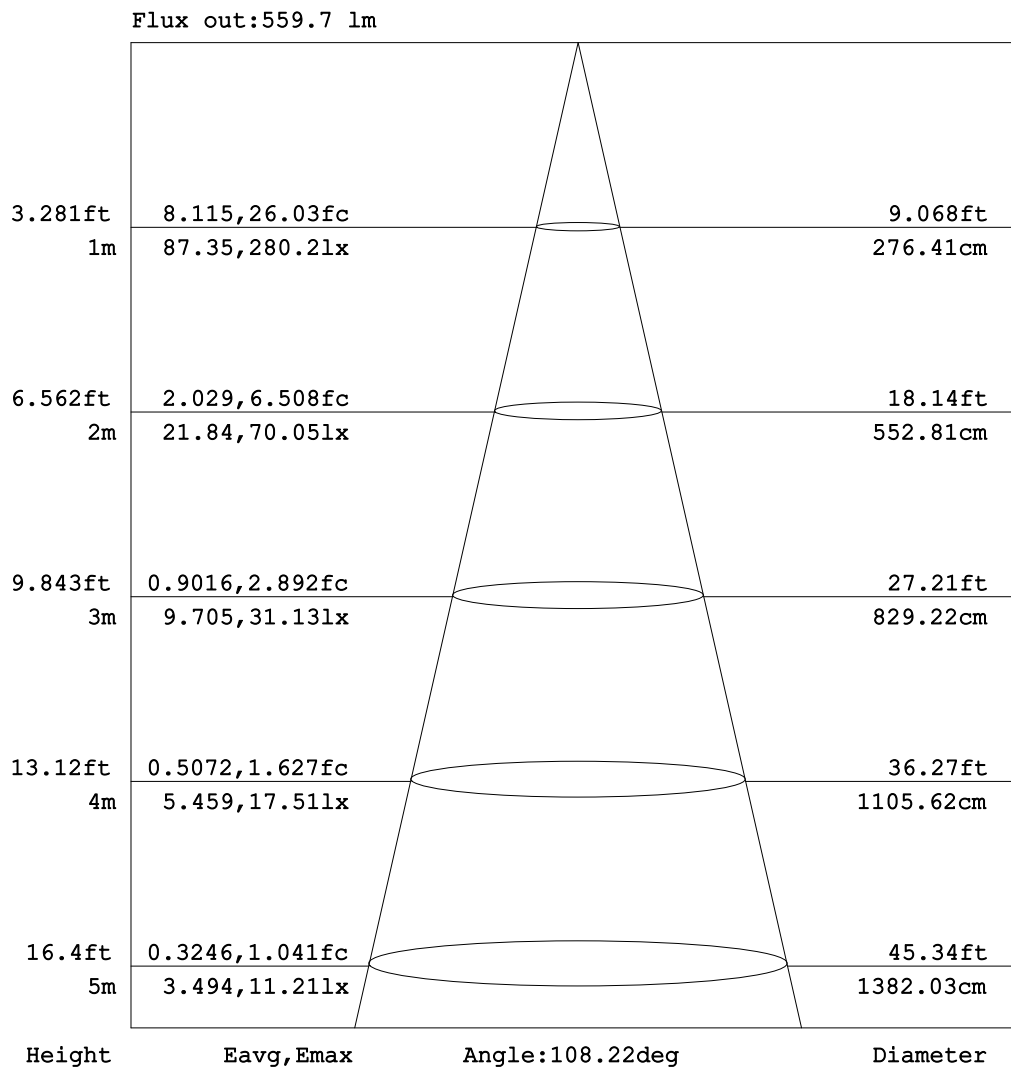


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



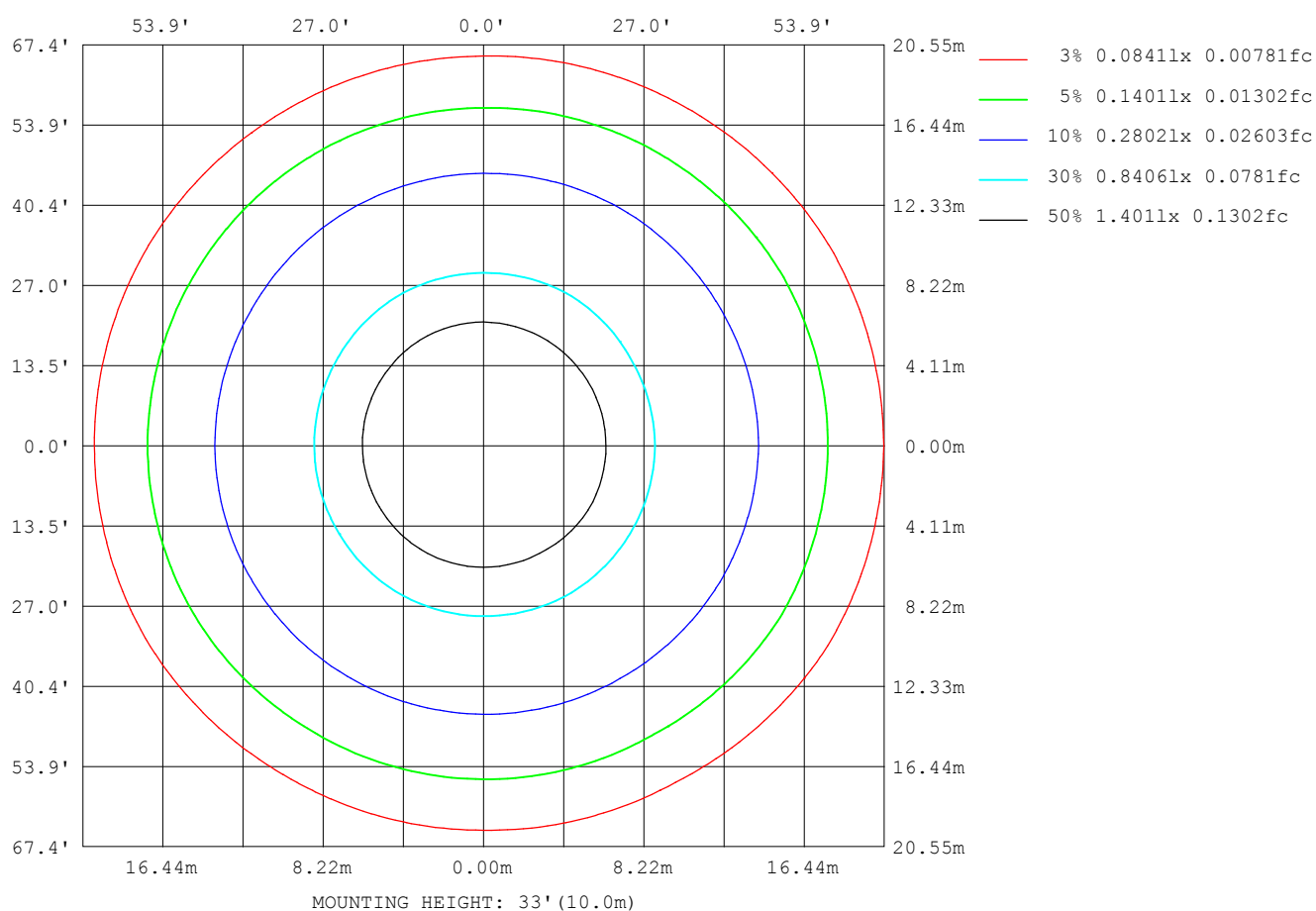
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-12-14

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

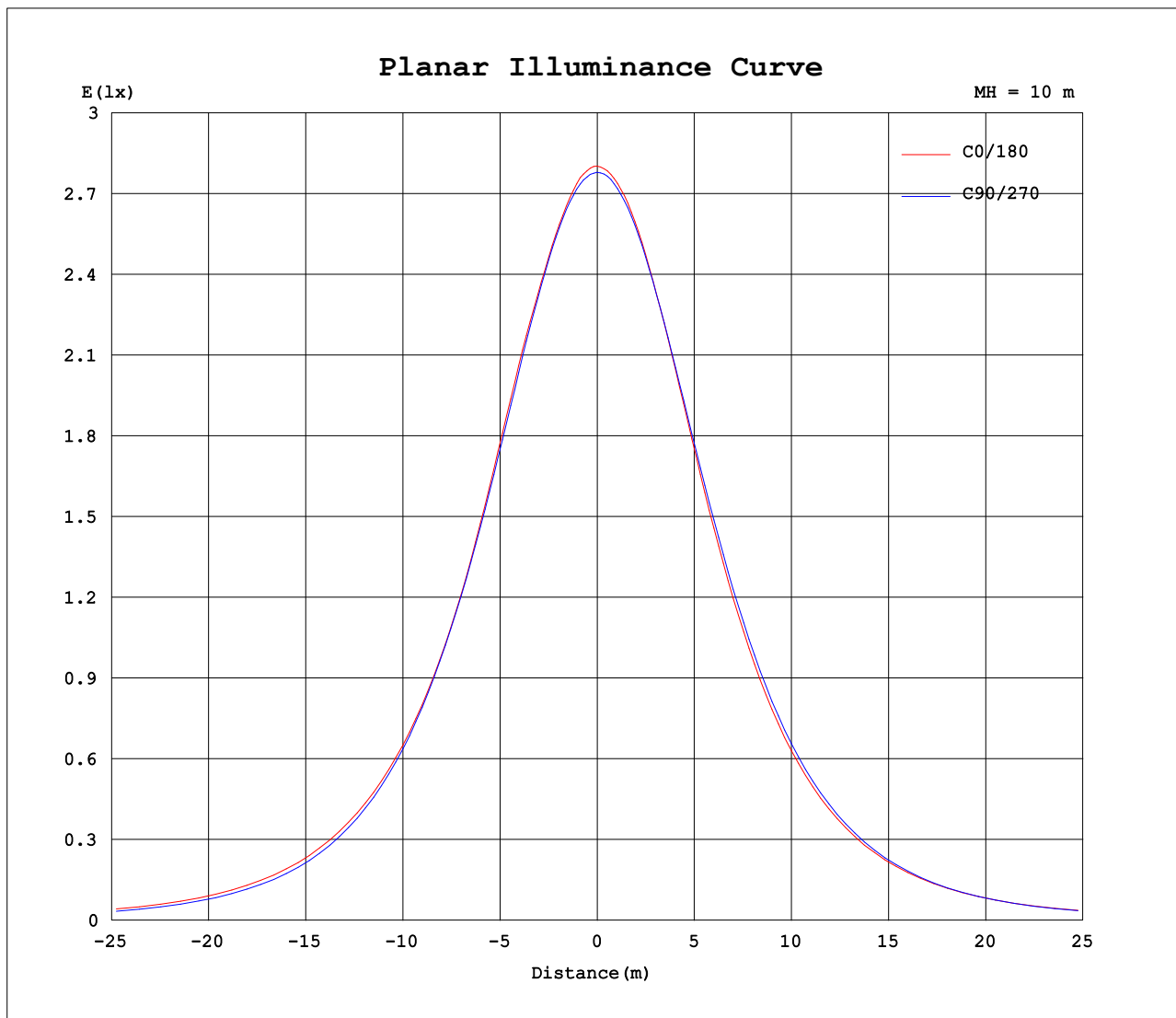
Test:U:24.00V I:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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: 2022-12-14

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:0.7343A P:17.62W PF:1.000 Lamp Flux:783.465x1 lm		
NAME: SP01-24V-5050-60-RGBW-4000K-80-总	TYPE:硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221221
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	280	279	279	278	277	277	280	279	279	278	277	277							
5	279	278	277	277	276	276	279	278	277	277	276	276							
10	274	274	274	273	272	272	275	275	274	274	273	272							
15	268	268	267	267	267	267	269	269	269	269	267	266							
20	262	260	258	259	258	258	261	260	261	261	259	258							
25	252	251	247	248	248	248	249	250	251	251	250	250							
30	238	238	234	235	234	234	234	236	239	239	237	237							
35	220	221	220	219	219	217	218	219	224	224	223	221							
40	203	202	203	201	201	198	199	201	206	206	208	202							
45	184	182	183	180	180	178	178	180	185	186	188	183							
50	165	161	160	157	156	156	156	157	162	163	166	162							
55	143	140	135	133	132	133	134	134	137	138	141	141							
60	119	117	109	107	107	109	110	110	111	112	115	119							
65	95.3	93.5	84.0	81.0	81.8	86.1	85.5	86.5	85.4	84.6	89.3	94.9							
70	72.4	69.9	61.5	56.2	59.2	63.4	62.1	63.7	62.0	58.6	65.8	71.1							
75	50.1	47.6	41.0	34.4	39.5	42.5	41.8	42.5	41.2	35.6	44.2	48.9							
80	29.6	28.1	23.3	18.4	22.9	25.0	24.2	24.3	23.5	18.9	25.4	28.8							
85	12.9	11.9	9.65	8.36	10.2	11.2	10.1	10.2	10.2	8.35	10.7	12.1							
90	3.78	3.50	3.13	3.11	3.10	3.20	2.05	2.19	2.20	2.23	2.56	2.69							
95	2.83	2.87	2.93	3.47	2.96	2.86	1.61	1.65	1.82	1.97	1.88	1.77							
100	2.89	3.02	3.13	3.64	3.20	3.08	1.83	1.82	2.01	2.03	2.01	1.81							
105	3.08	3.22	3.32	3.65	3.41	3.30	2.07	2.04	2.19	2.15	2.19	2.01							
110	3.30	3.44	3.53	3.75	3.61	3.51	2.30	2.27	2.38	2.35	2.38	2.19							
115	3.52	3.64	3.73	3.93	3.82	3.72	2.56	2.51	2.61	2.53	2.57	2.43							
120	3.73	3.84	3.92	4.09	3.98	3.92	2.82	2.76	2.83	2.73	2.79	2.68							
125	3.93	4.02	4.09	4.25	4.16	4.11	3.08	3.03	3.08	2.96	3.04	2.92							
130	4.15	4.21	4.26	4.39	4.31	4.29	3.35	3.28	3.35	3.27	3.30	3.18							
135	4.30	4.38	4.40	4.54	4.47	4.46	3.63	3.56	3.60	3.50	3.55	3.46							
140	4.48	4.54	4.52	4.67	4.61	4.62	3.91	3.82	3.88	3.77	3.82	3.72							
145	4.65	4.72	4.72	4.79	4.74	4.79	4.18	4.10	4.16	4.04	4.09	3.98							
150	4.82	4.88	4.82	4.92	4.90	4.95	4.44	4.36	4.43	4.31	4.35	4.25							
155	4.97	5.04	4.97	5.08	5.04	5.10	4.69	4.62	4.70	4.60	4.61	4.50							
160	5.15	5.19	5.10	5.23	5.17	5.25	4.94	4.85	4.93	4.82	4.86	4.76							
165	5.26	5.33	5.26	5.35	5.28	5.36	5.15	5.06	5.13	5.04	5.07	4.98							
170	5.39	5.42	5.37	5.44	5.39	5.46	5.35	5.26	5.31	5.23	5.26	5.17							
175	5.46	5.51	5.42	5.53	5.45	5.51	5.49	5.37	5.44	5.37	5.41	5.31							
180	5.49	5.51	5.52	5.52	5.51	5.50	5.51	5.50	5.51	5.51	5.51	5.43							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

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	280.2	279.2	278.5	277.9	277.4	277.1	280.2	279.2	278.5	277.9
3.0	279.7	278.9	277.9	277.4	276.6	276.4	279.7	278.5	277.9	277.6
6.0	278.2	277.6	276.7	276.2	275.5	275.3	278.4	277.4	276.7	276.4
9.0	275.5	275.0	274.3	274.1	273.2	273.3	276.6	275.5	274.8	274.7
12.0	272.2	271.7	271.3	271.0	270.3	270.1	273.3	272.2	272.3	272.0
15.0	268.4	267.7	267.2	267.2	266.6	266.6	269.3	268.6	268.8	268.6
18.0	264.5	263.0	262.0	262.7	261.8	261.6	264.3	263.9	264.8	264.5
21.0	260.5	258.2	256.2	257.5	256.3	256.2	258.5	258.1	259.4	259.2
24.0	254.2	253.3	250.0	250.8	250.2	249.7	251.9	251.8	253.8	253.8
27.0	246.6	246.5	242.8	243.2	242.8	242.4	243.6	244.5	246.7	246.6
30.0	237.5	238.4	234.4	235.2	234.3	233.7	234.4	235.7	238.9	239.1
33.0	227.3	228.6	225.7	225.9	225.4	223.7	224.9	225.9	229.9	230.5
36.0	216.9	217.8	216.6	215.9	215.2	213.6	214.3	215.9	219.9	220.6
39.0	206.3	205.7	206.7	205.2	204.6	202.3	202.8	204.3	209.5	210.0
42.0	195.6	194.2	195.0	193.2	192.8	190.3	191.1	192.4	197.9	198.3
45.0	184.5	182.0	182.9	180.3	179.9	177.5	178.4	179.7	184.7	186.0
48.0	172.8	170.0	169.6	167.0	166.1	164.9	165.6	166.6	171.4	172.7
51.0	160.6	157.2	155.1	152.7	151.5	151.4	152.1	152.7	156.8	158.4
54.0	147.5	144.3	140.0	137.7	136.8	137.2	138.0	138.8	142.0	143.8
57.0	133.4	131.0	124.4	122.4	121.5	123.4	124.1	124.6	126.4	128.1
60.0	119.3	117.3	108.8	107.0	106.5	109.1	110.0	109.8	111.0	111.9
63.0	104.8	102.9	93.87	91.12	91.54	95.08	95.18	96.17	95.49	95.67
66.0	90.72	88.83	79.44	75.89	77.19	81.33	80.70	81.96	80.54	79.31
69.0	76.99	74.66	65.98	60.90	63.57	67.81	66.51	68.14	66.51	63.67
72.0	63.37	60.69	53.15	46.78	51.09	54.53	53.65	54.98	53.26	48.90
75.0	50.10	47.63	41.03	34.43	39.49	42.55	41.82	42.46	41.18	35.56
78.0	37.42	35.38	29.94	23.93	29.19	31.42	30.96	31.10	30.20	24.48
81.0	25.83	24.45	20.14	16.10	20.03	21.93	21.14	21.11	20.52	16.29
84.0	15.84	14.52	11.92	10.03	12.34	13.41	12.63	12.53	12.47	10.03
87.0	7.881	7.377	5.928	5.636	6.551	7.127	5.814	6.029	6.182	5.429
90.0	3.777	3.501	3.129	3.111	3.097	3.204	2.053	2.188	2.198	2.229
93.0	2.875	2.854	2.909	3.380	2.909	2.784	1.559	1.649	1.759	2.154
96.0	2.833	2.895	2.943	3.546	3.012	2.909	1.663	1.662	1.864	2.036
99.0	2.853	2.999	3.068	3.636	3.157	3.034	1.794	1.773	1.981	2.029
102.0	2.964	3.096	3.199	3.636	3.283	3.159	1.926	1.932	2.085	2.071
105.0	3.082	3.221	3.324	3.650	3.407	3.304	2.071	2.043	2.189	2.154
108.0	3.213	3.346	3.462	3.692	3.532	3.422	2.210	2.167	2.307	2.264
111.0	3.365	3.477	3.594	3.796	3.649	3.560	2.355	2.306	2.431	2.375
114.0	3.483	3.595	3.698	3.893	3.760	3.678	2.508	2.451	2.563	2.493
117.0	3.601	3.713	3.822	3.990	3.871	3.803	2.660	2.604	2.688	2.611
120.0	3.726	3.844	3.920	4.093	3.975	3.920	2.819	2.756	2.826	2.729
123.0	3.857	3.948	4.051	4.190	4.086	4.038	2.979	2.922	2.972	2.867
126.0	3.968	4.059	4.148	4.274	4.183	4.142	3.138	3.068	3.131	3.040
129.0	4.086	4.170	4.224	4.370	4.280	4.253	3.297	3.234	3.290	3.172
132.0	4.197	4.280	4.308	4.460	4.377	4.357	3.470	3.386	3.450	3.386
135.0	4.301	4.384	4.398	4.537	4.467	4.461	3.630	3.559	3.602	3.497
138.0	4.404	4.481	4.488	4.620	4.550	4.564	3.796	3.712	3.768	3.657
141.0	4.515	4.578	4.550	4.689	4.626	4.654	3.962	3.878	3.935	3.823
144.0	4.619	4.682	4.640	4.758	4.716	4.758	4.128	4.030	4.101	3.989
147.0	4.723	4.786	4.723	4.835	4.820	4.855	4.288	4.197	4.274	4.162
150.0	4.820	4.876	4.820	4.925	4.896	4.945	4.440	4.363	4.433	4.314
153.0	4.917	4.980	4.930	5.022	4.972	5.049	4.599	4.508	4.586	4.501
156.0	5.007	5.056	4.986	5.111	5.056	5.125	4.751	4.654	4.738	4.633
159.0	5.097	5.153	5.076	5.195	5.146	5.229	4.883	4.806	4.876	4.792
162.0	5.173	5.243	5.160	5.285	5.222	5.299	5.015	4.938	5.008	4.938
165.0	5.263	5.333	5.263	5.347	5.277	5.361	5.153	5.056	5.133	5.042
168.0	5.360	5.395	5.332	5.423	5.388	5.348	5.285	5.159	5.236	5.146
171.0	5.402	5.444	5.374	5.472	5.388	5.471	5.382	5.257	5.340	5.256
174.0	5.443	5.485	5.402	5.506	5.423	5.499	5.465	5.346	5.423	5.346
177.0	5.492	5.513	5.457	5.520	5.478	5.499	5.506	5.402	5.486	5.395
180.0	5.492	5.506	5.520	5.520	5.506	5.499	5.506	5.499	5.513	5.506
G/C	300.0	330.0								
0.0	277.4	277.1								
3.0	277.1	276.6								
6.0	275.8	275.3								
9.0	274.0	273.0								
12.0	271.2	269.3								
15.0	267.3	265.8								
18.0	263.0	261.5								
21.0	257.8	256.8								
24.0	252.0	251.9								
27.0	245.1	245.3								
30.0	237.3	237.2								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2022-12-14

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:

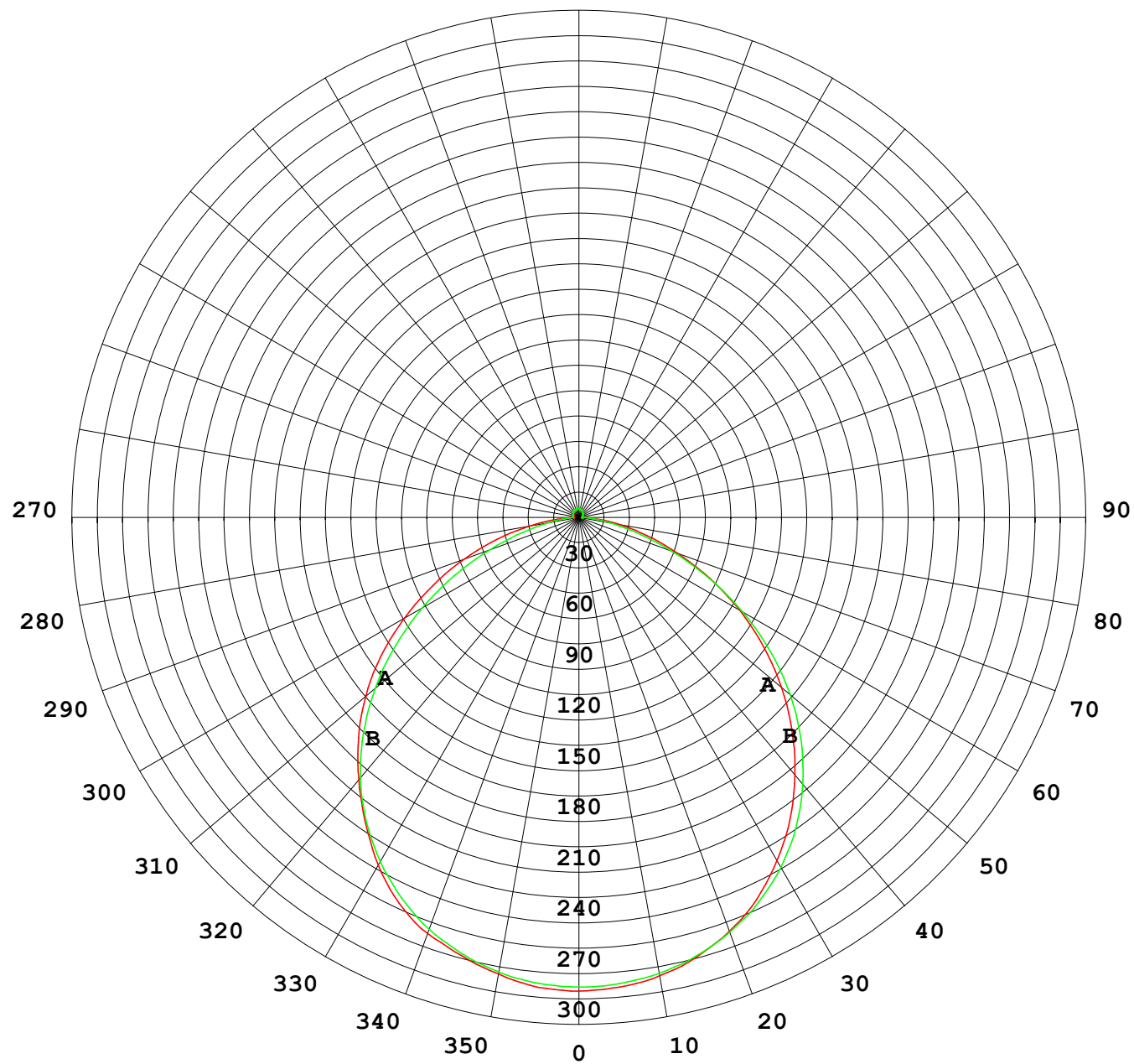
Photometric Data Table [cd]

33.0	229.1	227.9
36.0	220.7	217.7
39.0	211.2	205.9
42.0	200.3	194.4
45.0	188.0	182.8
48.0	175.1	170.5
51.0	161.1	158.0
54.0	146.0	145.6
57.0	130.7	131.7
60.0	115.2	118.8
63.0	99.51	104.1
66.0	84.51	90.36
69.0	70.35	76.07
72.0	56.84	62.34
75.0	44.22	48.91
78.0	32.55	36.25
81.0	22.06	25.09
84.0	13.21	14.86
87.0	6.376	6.963
90.0	2.558	2.694
93.0	1.904	1.809
96.0	1.891	1.773
99.0	1.967	1.794
102.0	2.085	1.890
105.0	2.189	2.008
108.0	2.293	2.112
111.0	2.411	2.285
114.0	2.528	2.403
117.0	2.653	2.528
120.0	2.792	2.680
123.0	2.937	2.812
126.0	3.096	2.971
129.0	3.242	3.123
132.0	3.401	3.289
135.0	3.553	3.462
138.0	3.706	3.615
141.0	3.865	3.767
144.0	4.031	3.940
147.0	4.191	4.086
150.0	4.350	4.252
153.0	4.516	4.398
156.0	4.662	4.557
159.0	4.800	4.709
162.0	4.946	4.848
165.0	5.070	4.979
168.0	5.188	5.104
171.0	5.292	5.201
174.0	5.382	5.284
177.0	5.458	5.360
180.0	5.513	5.430

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-12-14

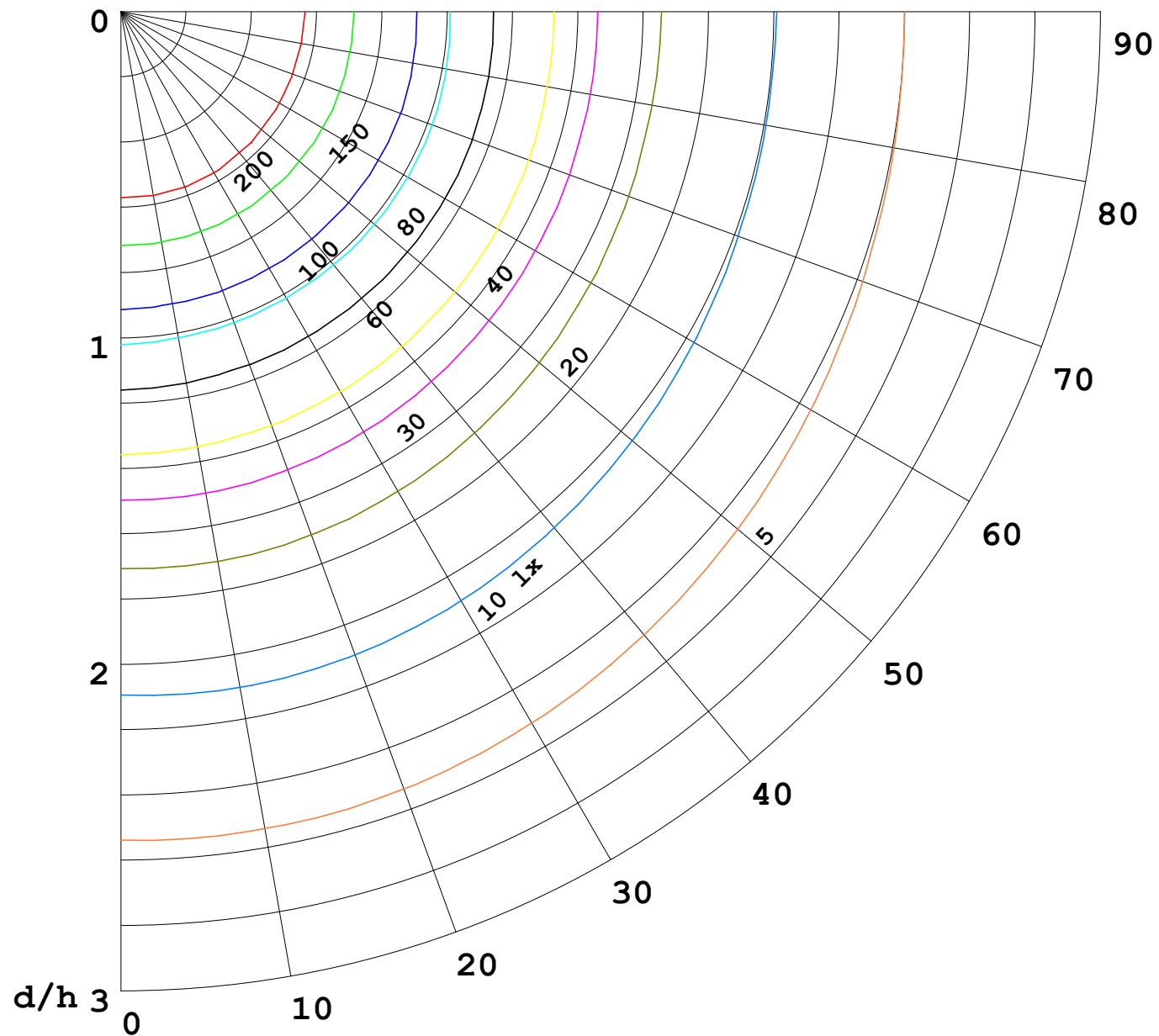
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

