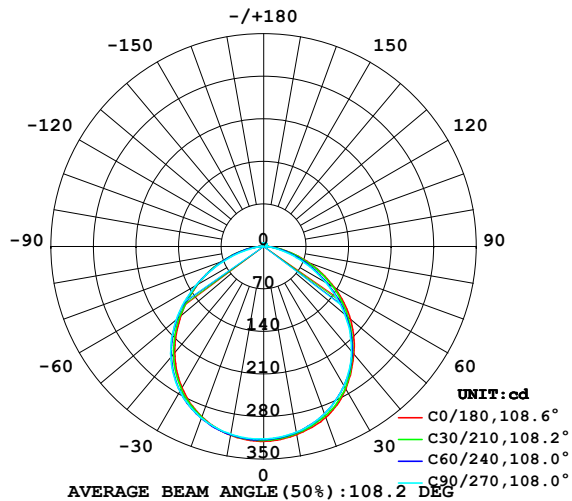


## LUMINAIRE PHOTOMETRIC TEST REPORT

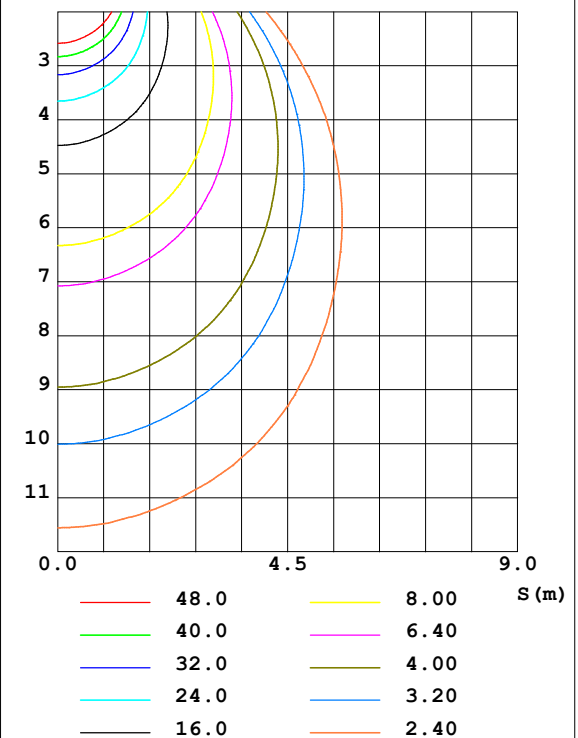
Test:U:24.00V I:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.67 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	320.7	S/MH (C0/180)	1.25
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	891.11	η UP, DN (C0-180)	1.6, 47.8
NOMINAL FLUX (lm)	891.105	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 49.3
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



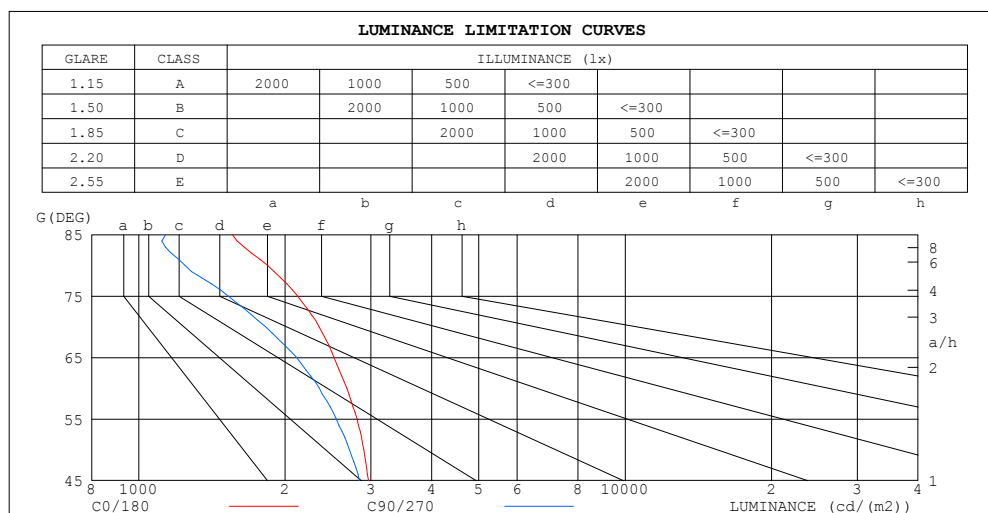
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2022-12-15

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	314.3	311.7	310.4	309.2	315.3	314.7	313.6	311.0	0- 10	30.05	30.05	3.37,3.37
20	299.1	295.0	293.2	292.1	298.0	299.8	300.5	296.7	10- 20	86.26	116.3	13.1,13.1
30	270.7	267.0	264.4	263.7	268.7	273.2	275.4	271.7	20- 30	131.0	247.3	27.8,27.8
40	231.1	227.3	225.0	223.6	227.8	233.8	238.0	234.5	30- 40	156.8	404.1	45.4,45.4
50	186.5	179.0	174.3	174.1	178.3	183.7	188.2	187.5	40- 50	159.3	563.4	63.2,63.2
60	133.9	125.3	117.5	120.0	126.0	127.6	129.7	133.0	50- 60	137.8	701.2	78.7,78.7
70	80.32	72.65	62.37	69.16	73.03	73.58	68.18	78.02	60- 70	98.01	799.2	89.7,89.7
80	31.96	27.97	21.62	28.01	29.36	28.99	21.86	30.20	70- 80	51.74	850.9	95.5,95.5
90	4.075	3.831	3.685	4.096	3.144	2.849	2.458	2.638	80- 90	14.46	865.4	97.1,97.1
100	3.394	3.757	3.941	3.684	2.092	2.227	2.810	2.216	90-100	3.166	868.6	97.5,97.5
110	3.808	4.287	4.620	4.200	2.626	2.746	3.461	2.705	100-110	3.470	872.0	97.9,97.9
120	4.287	4.699	5.042	4.623	3.214	3.283	3.414	3.221	110-120	3.720	875.8	98.3,98.3
130	4.730	4.990	5.257	4.987	3.831	3.851	3.871	3.785	120-130	3.756	879.5	98.7,98.7
140	5.152	5.271	5.451	5.322	4.461	4.450	4.425	4.363	130-140	3.583	883.1	99.1,99.1
150	5.519	5.575	5.707	5.638	5.077	5.042	5.028	4.949	140-150	3.189	886.3	99.5,99.5
160	5.866	5.894	5.984	5.949	5.638	5.586	5.533	5.482	150-160	2.552	888.8	99.7,99.7
170	6.164	6.167	6.233	6.185	6.102	6.019	5.935	5.932	160-170	1.673	890.5	99.9,99.9
180	6.275	6.285	6.296	6.251	6.289	6.285	6.268	6.240	170-180	0.5883	891.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1556	1136
80	1840	1245
75	2122	1527
70	2348	1824
65	2520	2111
60	2677	2350
55	2810	2548
50	2902	2712
45	2967	2843

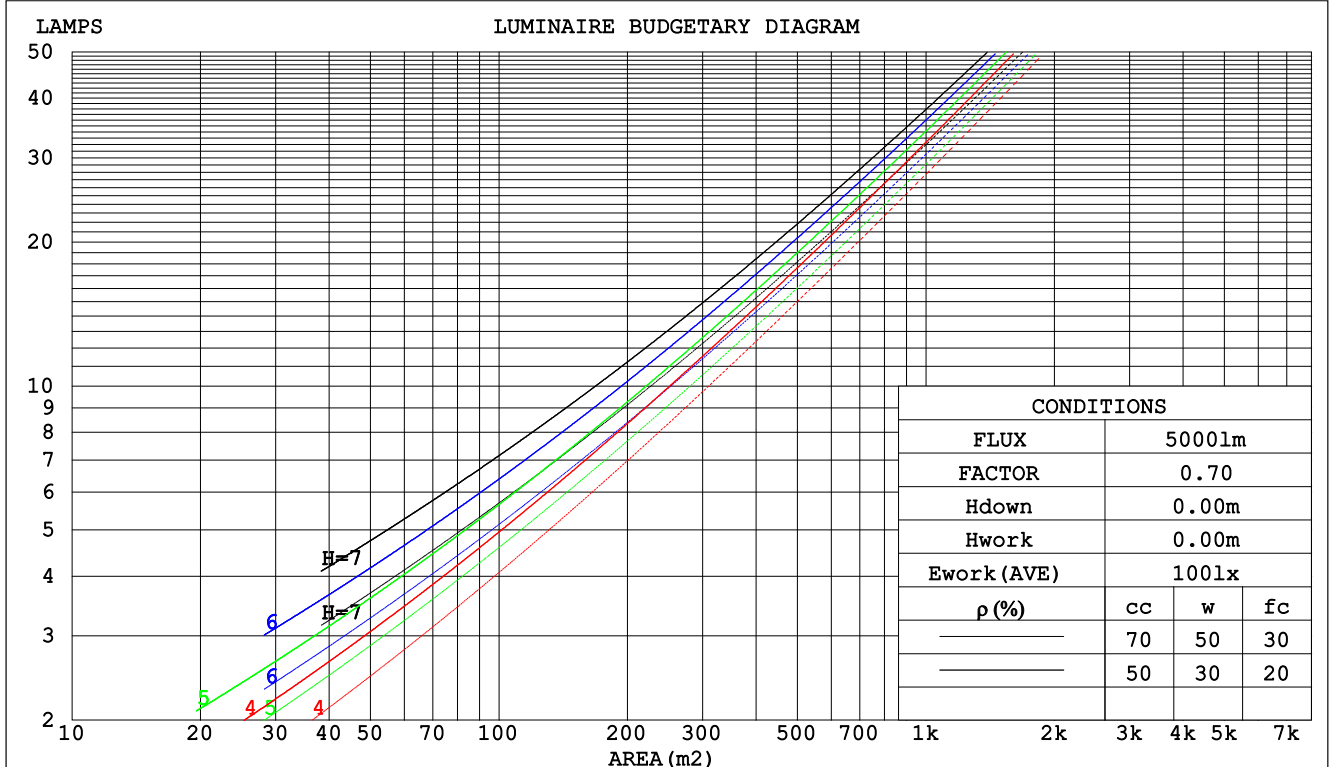
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE:硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.97	.94	.96	.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	.46	.41	.50	.44	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.39	.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:2022-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
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	.145	.045	.250	.140	.044	.238	.135	.043	
3.0	.262	.139	.042	.256	.137	.041	.244	.132	.040	.233	.128	.039	.223	.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	.103	.030	.196	.101	.029	.189	.098	.029	.181	.095	.028	
7.0	.195	.096	.027	.191	.095	.027	.184	.093	.027	.177	.091	.026	.170	.088	.026	
8.0	.182	.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	.076	.021	.153	.075	.021	.147	.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	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.202	.178	.157	.173	.153	.136	.118	.105	.094	.068	.061	.054	.022	.020	.018	
2.0	.193	.154	.122	.165	.133	.105	.113	.092	.073	.065	.053	.043	.021	.017	.014	
3.0	.185	.137	.098	.159	.118	.085	.109	.082	.060	.063	.048	.035	.020	.016	.011	
4.0	.178	.123	.082	.153	.107	.071	.105	.074	.050	.061	.044	.030	.020	.014	.010	
5.0	.170	.113	.071	.146	.098	.061	.101	.068	.043	.058	.040	.026	.019	.013	.008	
6.0	.163	.105	.062	.140	.091	.054	.097	.063	.038	.056	.037	.023	.018	.012	.008	
7.0	.157	.098	.056	.135	.085	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007	
8.0	.150	.092	.052	.129	.080	.045	.090	.056	.032	.052	.033	.019	.017	.011	.006	
9.0	.144	.087	.048	.124	.076	.042	.086	.053	.030	.050	.031	.018	.016	.010	.006	
10.0	.139	.083	.046	.120	.072	.040	.083	.051	.028	.048	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm											
NAME: SP01-24V-5050-60-RGBW-5000K-80-总						TYPE:硅胶		WEIGHT:			
DIM.: 15mm*7mm						SPEC.:		SERIAL No.:20221223			
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	16.2	17.7	16.6	17.9	18.2	15.7	17.2	16.1	17.5	17.7	
	3H	17.7	19.0	18.0	19.3	19.6	16.9	18.2	17.2	18.5	18.8
	4H	18.2	19.5	18.5	19.8	20.1	17.3	18.5	17.6	18.8	19.1
	6H	18.5	19.7	18.9	20.1	20.4	17.5	18.7	17.8	19.0	19.3
	8H	18.7	19.8	19.0	20.1	20.5	17.5	18.7	17.9	19.0	19.4
	12H	18.7	19.8	19.1	20.2	20.5	17.5	18.7	17.9	19.0	19.4
4H	2H	16.7	18.0	17.1	18.3	18.6	16.3	17.6	16.7	17.9	18.2
	3H	18.3	19.4	18.7	19.8	20.1	17.6	18.7	18.0	19.1	19.4
	4H	19.0	20.0	19.4	20.3	20.7	18.1	19.1	18.5	19.5	19.9
	6H	19.4	20.3	19.9	20.7	21.2	18.4	19.3	18.9	19.7	20.2
	8H	19.6	20.4	20.1	20.9	21.3	18.5	19.4	19.0	19.8	20.2
	12H	19.7	20.5	20.2	20.9	21.4	18.6	19.4	19.1	19.8	20.3
8H	4H	19.1	20.0	19.6	20.4	20.8	18.4	19.2	18.8	19.6	20.1
	6H	19.7	20.4	20.2	20.9	21.4	18.8	19.5	19.3	20.0	20.5
	8H	20.0	20.6	20.5	21.1	21.6	19.0	19.6	19.5	20.1	20.6
	12H	20.1	20.7	20.7	21.2	21.7	19.1	19.6	19.6	20.1	20.7
12H	4H	19.1	19.9	19.6	20.3	20.8	18.4	19.1	18.9	19.6	20.0
	6H	19.8	20.4	20.3	20.9	21.4	18.9	19.5	19.4	20.0	20.5
	8H	20.0	20.5	20.5	21.0	21.6	19.1	19.6	19.6	20.1	20.6
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 / - 0.4					

CIE Pub.117 Corrected 891.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.4)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE:硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

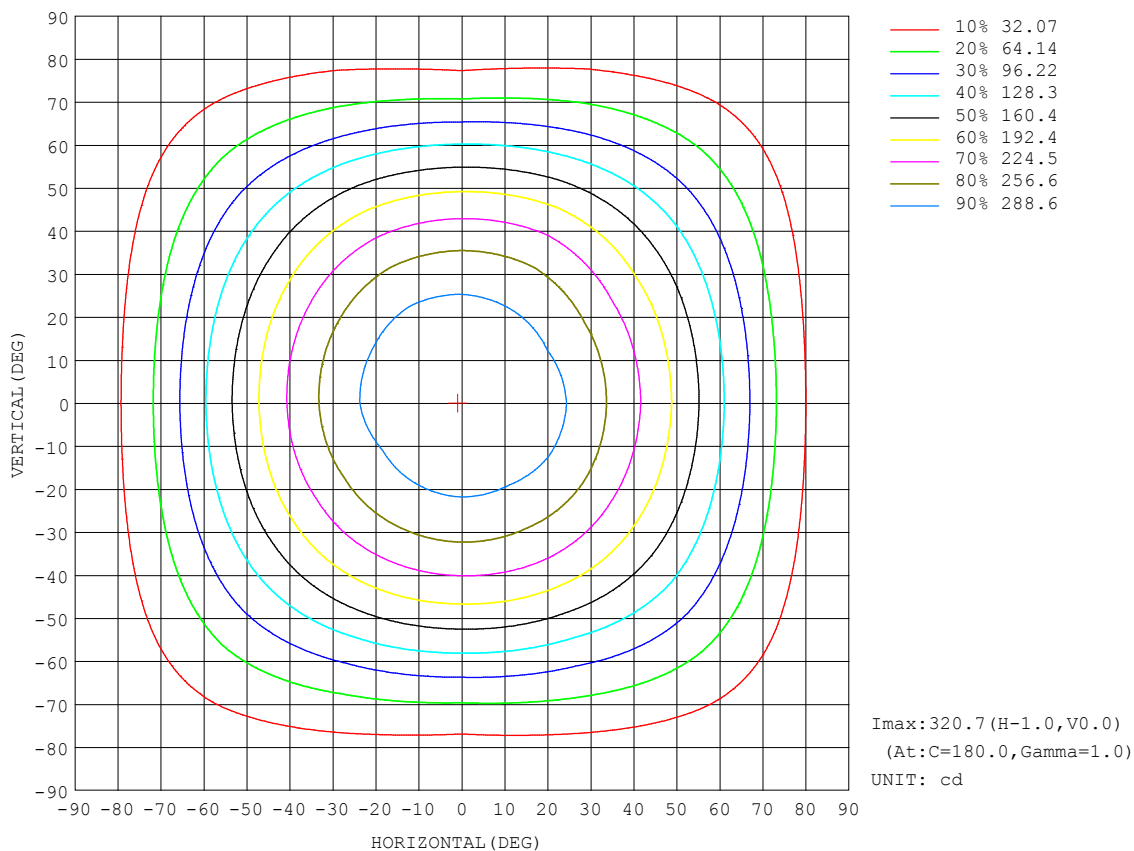
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	42
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					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:WFW  
 Test Date:2022-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:

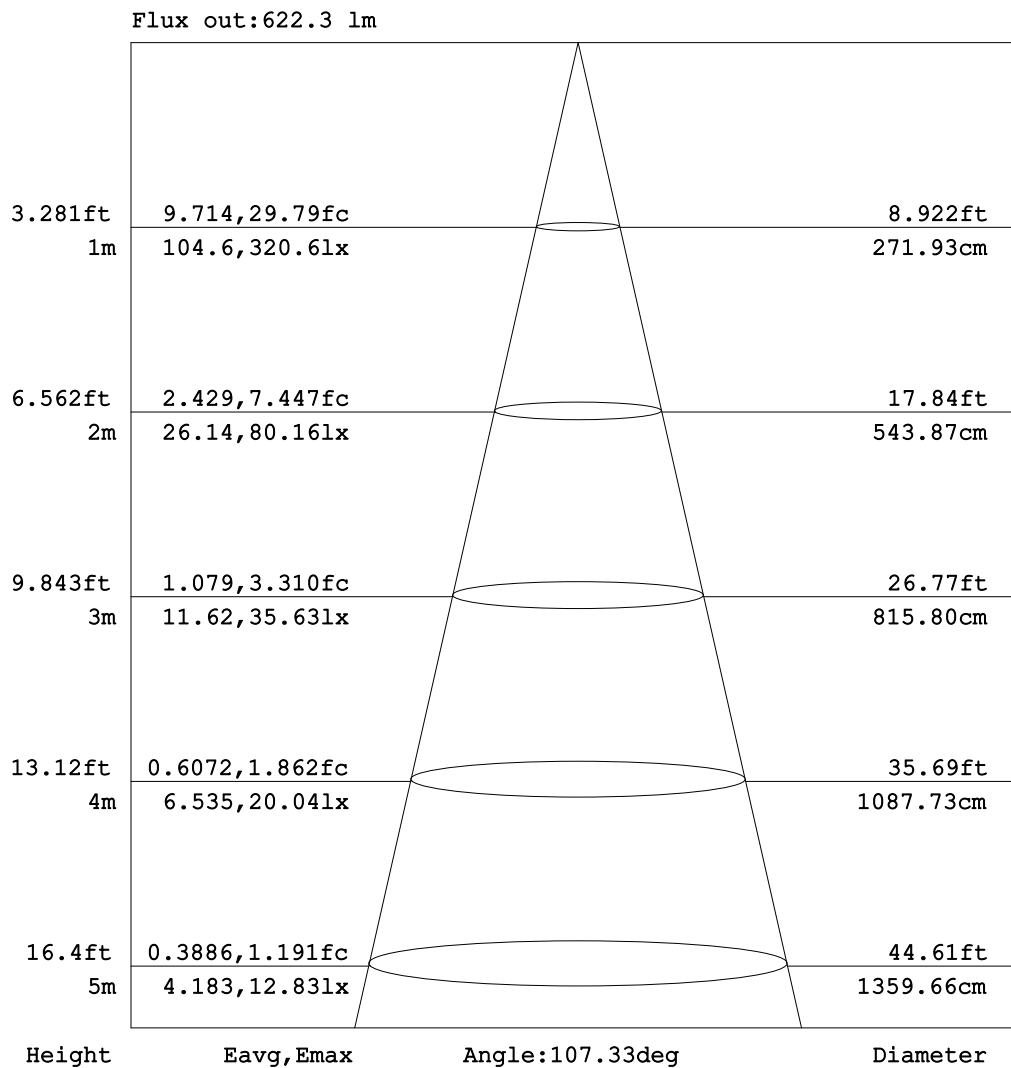


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
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.

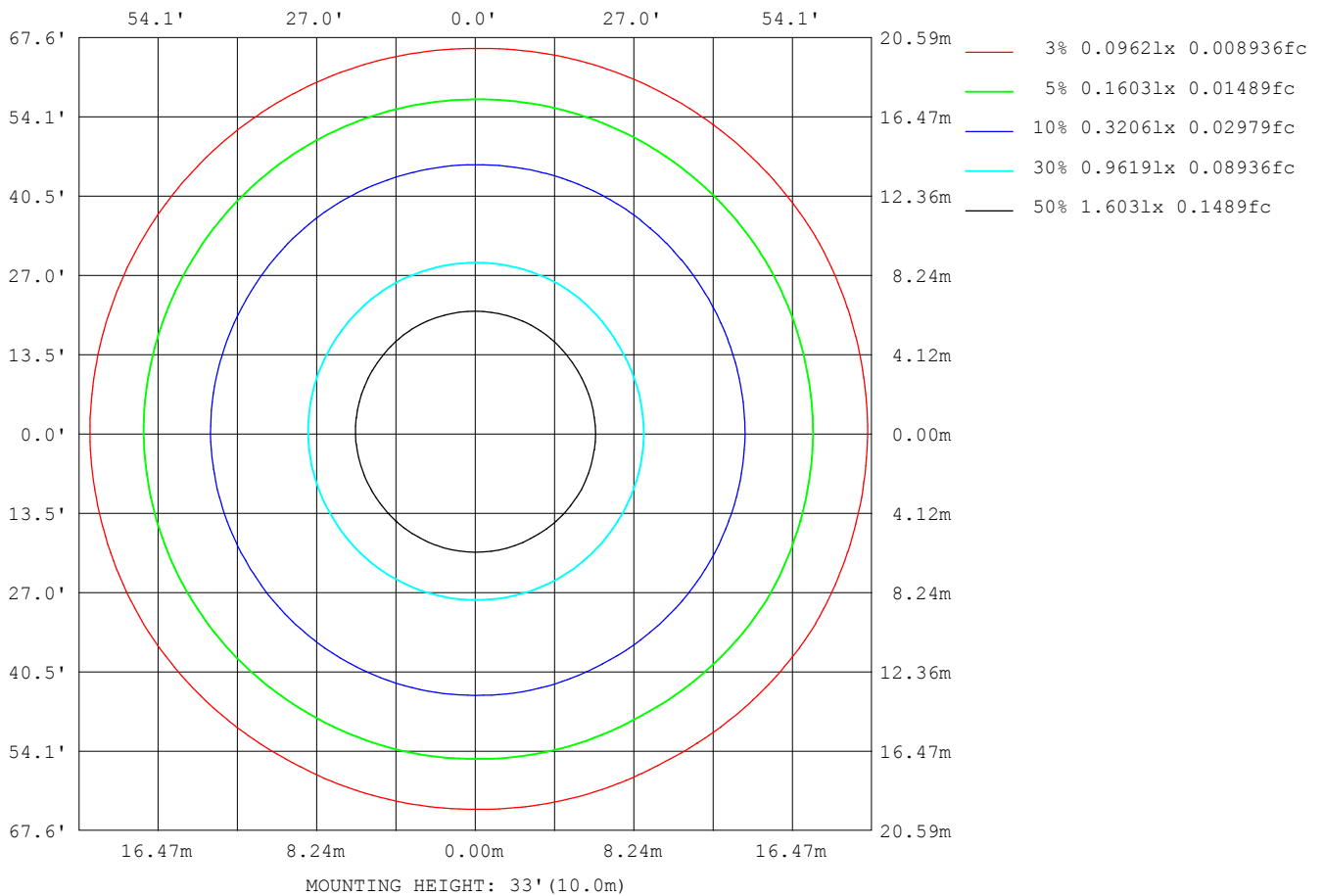
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2022-12-15

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

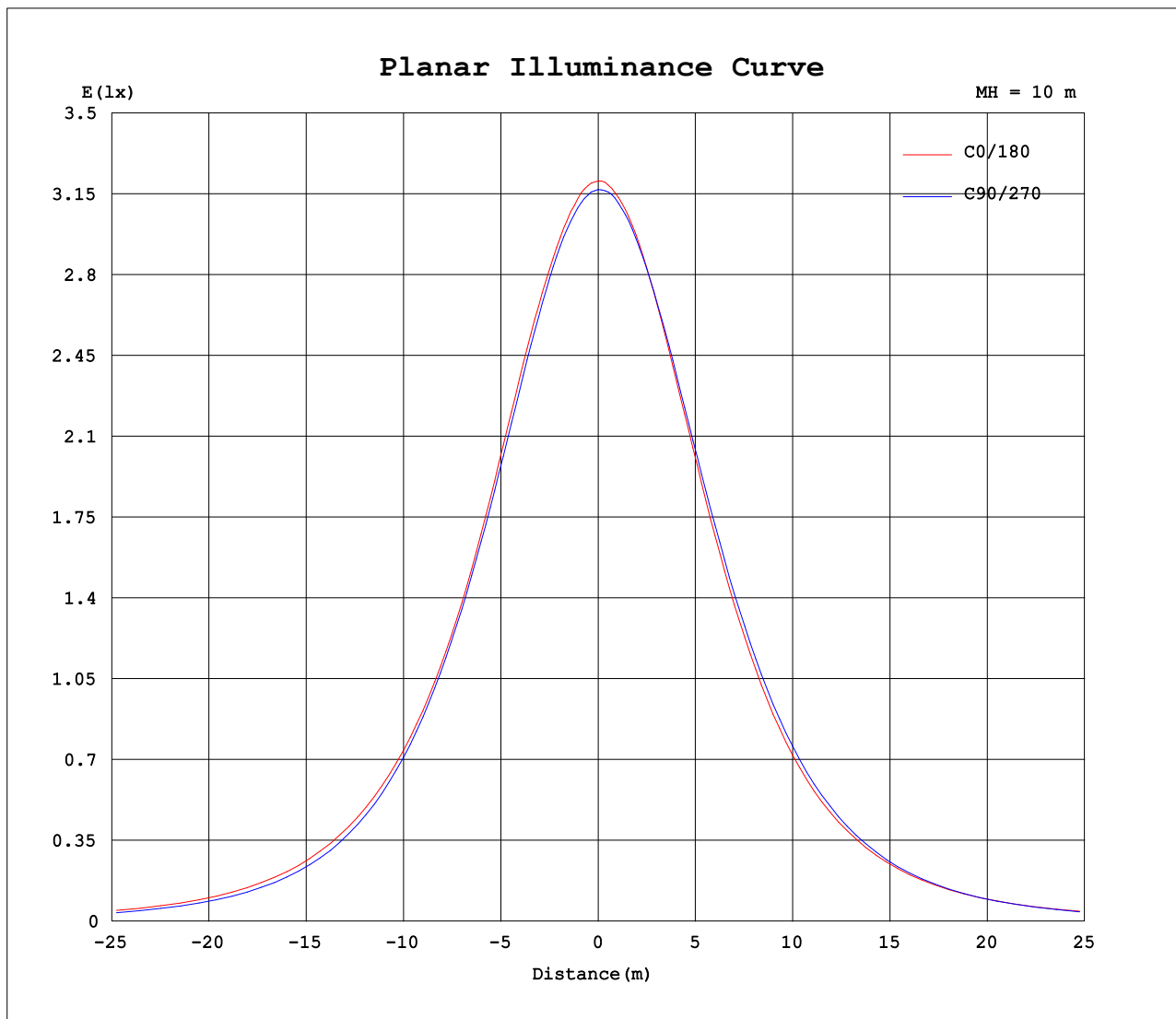
Test:U:24.00V I:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
MFR.: OLYMPIA	SUR.:1*0.0015	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2022-12-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.7328A P:17.59W PF:1.000 Lamp Flux:891.105x1 lm		
NAME: SP01-24V-5050-60-RGBW-5000K-80-总	TYPE:硅胶	WEIGHT:
DIM.: 15mm*7mm	SPEC.:	SERIAL No.:20221223
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	321	319	318	317	316	315	321	319	318	317	316	315							
5	319	317	315	315	314	313	319	318	318	317	315	314							
10	314	313	311	310	309	309	315	315	315	314	312	310							
15	308	305	303	303	302	302	308	308	309	308	306	303							
20	299	297	293	293	292	292	298	299	301	301	298	295							
25	287	285	280	280	279	279	285	287	290	289	287	284							
30	271	269	265	264	264	264	269	271	275	275	274	270							
35	251	249	247	246	245	245	250	252	258	258	258	251							
40	231	228	227	225	224	223	228	231	236	238	238	231							
45	210	205	203	201	201	200	204	207	213	215	216	208							
50	187	181	177	174	174	174	178	181	186	188	190	185							
55	161	156	149	146	146	148	152	154	158	159	162	160							
60	134	131	120	117	118	122	126	127	129	130	132	134							
65	106	104	93.1	89.2	90.4	97.2	99.5	100	99.3	98.6	103	107							
70	80.3	77.1	68.2	62.4	65.6	72.7	73.0	74.6	72.6	68.2	75.9	80.2							
75	54.9	52.1	45.7	39.5	44.3	49.6	49.3	50.6	48.4	42.2	51.0	54.2							
80	32.0	30.0	25.9	21.6	26.4	29.6	29.4	29.7	28.3	21.9	29.1	31.3							
85	13.6	12.7	10.7	9.90	12.2	13.9	13.2	13.1	12.5	9.53	11.8	13.0							
90	4.08	4.01	3.65	3.69	3.81	4.39	3.14	3.03	2.67	2.46	2.43	2.85							
95	3.38	3.52	3.60	3.77	3.51	3.34	1.90	2.02	2.13	2.45	2.13	2.07							
100	3.39	3.64	3.87	3.94	3.78	3.59	2.09	2.10	2.36	2.81	2.34	2.09							
105	3.56	3.85	4.17	4.30	4.04	3.85	2.36	2.39	2.63	3.38	2.60	2.30							
110	3.81	4.07	4.50	4.62	4.29	4.11	2.63	2.62	2.87	3.46	2.85	2.56							
115	4.05	4.30	4.71	4.86	4.52	4.33	2.92	2.91	3.12	3.39	3.10	2.83							
120	4.29	4.52	4.88	5.04	4.70	4.54	3.21	3.18	3.39	3.41	3.35	3.09							
125	4.53	4.71	5.03	5.16	4.88	4.74	3.52	3.50	3.66	3.62	3.62	3.37							
130	4.73	4.90	5.08	5.26	5.04	4.93	3.83	3.77	3.93	3.87	3.89	3.68							
135	4.95	5.08	5.16	5.34	5.20	5.11	4.15	4.07	4.22	4.16	4.17	3.96							
140	5.15	5.26	5.28	5.45	5.36	5.28	4.46	4.38	4.52	4.42	4.45	4.27							
145	5.35	5.42	5.42	5.58	5.49	5.47	4.77	4.70	4.81	4.72	4.74	4.58							
150	5.52	5.59	5.56	5.71	5.62	5.65	5.08	4.98	5.10	5.03	5.04	4.86							
155	5.71	5.76	5.71	5.82	5.76	5.81	5.36	5.27	5.38	5.28	5.30	5.15							
160	5.87	5.93	5.86	5.98	5.93	5.97	5.64	5.54	5.63	5.53	5.55	5.42							
165	6.03	6.08	5.99	6.12	6.04	6.11	5.88	5.76	5.85	5.73	5.77	5.66							
170	6.16	6.21	6.13	6.23	6.16	6.21	6.10	5.99	6.05	5.94	5.98	5.88							
175	6.27	6.29	6.19	6.30	6.28	6.24	6.25	6.14	6.21	6.12	6.16	6.06							
180	6.27	6.28	6.29	6.30	6.26	6.24	6.29	6.28	6.29	6.27	6.29	6.19							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

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	320.6	319.1	317.9	316.8	315.8	314.7	320.6	319.1	317.9	316.8
3.0	319.9	318.2	316.7	315.7	315.2	314.2	320.1	318.8	318.4	317.1
6.0	318.0	316.4	314.8	314.0	313.0	312.3	318.7	317.7	317.1	316.1
9.0	315.2	313.7	312.0	311.3	310.4	310.0	316.5	315.9	315.4	314.5
12.0	311.9	309.9	308.1	307.8	306.7	306.9	312.9	312.5	312.7	311.6
15.0	307.9	305.4	303.0	303.0	302.2	302.0	308.2	308.3	309.2	308.3
18.0	303.3	300.2	297.4	297.3	296.3	296.2	302.6	303.2	304.1	303.8
21.0	297.2	294.7	290.7	290.6	289.7	289.6	295.5	296.4	298.8	298.5
24.0	289.5	287.5	282.8	283.1	281.7	281.9	288.0	289.1	292.2	291.8
27.0	280.9	278.5	274.0	274.3	273.3	273.5	279.1	280.9	284.5	284.2
30.0	270.7	269.1	264.9	264.4	263.6	263.8	268.7	271.1	275.3	275.4
33.0	258.8	257.6	254.6	254.0	252.7	253.0	257.5	260.4	264.9	265.8
36.0	247.1	245.0	243.4	242.3	240.8	240.8	245.4	248.6	253.5	254.6
39.0	234.9	232.3	230.8	229.3	228.0	227.8	232.4	235.6	240.9	242.2
42.0	222.7	218.7	217.6	215.7	214.7	214.4	218.4	221.7	227.4	228.7
45.0	209.8	205.4	203.1	201.0	200.6	200.0	203.6	207.3	212.9	214.5
48.0	196.1	190.9	187.6	185.2	184.9	184.6	188.1	191.3	197.4	198.3
51.0	181.6	176.4	171.3	168.9	168.6	169.4	173.1	175.1	180.9	182.3
54.0	166.3	161.5	154.3	151.5	151.8	153.2	157.3	158.9	163.8	165.4
57.0	150.1	146.2	136.9	134.8	134.7	138.2	141.7	142.2	146.2	146.8
60.0	133.9	130.7	119.9	117.5	117.8	122.2	126.0	126.7	128.5	129.7
63.0	117.2	114.3	103.5	100.1	101.1	107.1	110.2	110.3	110.8	110.4
66.0	101.3	98.22	87.98	83.60	85.26	92.10	94.13	95.38	93.57	92.13
69.0	85.56	82.34	73.06	67.48	70.34	77.56	78.13	79.90	77.75	74.32
72.0	69.98	66.83	58.99	52.62	56.71	63.00	63.06	64.95	62.28	57.29
75.0	54.92	52.15	45.73	39.51	44.30	49.57	49.35	50.56	48.44	42.19
78.0	40.69	38.61	33.36	27.97	33.04	37.26	37.00	37.28	36.01	29.01
81.0	27.76	26.20	22.35	18.88	23.20	26.20	25.78	25.85	24.74	19.00
84.0	16.64	15.58	13.21	11.66	14.66	16.58	15.98	15.93	15.23	11.41
87.0	8.319	7.930	6.588	6.652	7.981	9.120	8.081	7.890	7.605	6.138
90.0	4.075	4.014	3.648	3.685	3.806	4.386	3.144	3.029	2.668	2.458
93.0	3.394	3.498	3.546	3.913	3.428	3.304	1.918	1.996	2.071	2.686
96.0	3.380	3.519	3.642	3.768	3.566	3.380	1.933	2.030	2.175	2.383
99.0	3.390	3.609	3.815	3.886	3.719	3.533	2.044	2.063	2.314	2.603
102.0	3.435	3.720	3.996	4.073	3.892	3.685	2.196	2.195	2.473	3.164
105.0	3.559	3.851	4.169	4.302	4.044	3.851	2.355	2.389	2.625	3.380
108.0	3.705	3.990	4.376	4.509	4.203	4.004	2.522	2.514	2.778	3.491
111.0	3.850	4.114	4.502	4.675	4.369	4.142	2.695	2.673	2.930	3.446
114.0	4.023	4.260	4.647	4.814	4.474	4.281	2.861	2.839	3.076	3.402
117.0	4.141	4.378	4.751	4.945	4.598	4.412	3.041	3.019	3.235	3.373
120.0	4.287	4.516	4.882	5.042	4.702	4.544	3.214	3.179	3.387	3.414
123.0	4.432	4.627	5.014	5.118	4.820	4.654	3.401	3.365	3.553	3.518
126.0	4.584	4.745	5.039	5.174	4.917	4.772	3.588	3.525	3.720	3.670
129.0	4.716	4.869	5.063	5.236	5.034	4.890	3.768	3.705	3.886	3.836
132.0	4.820	4.980	5.132	5.291	5.111	5.001	3.962	3.885	4.052	3.968
135.0	4.945	5.084	5.160	5.340	5.201	5.111	4.149	4.065	4.219	4.162
138.0	5.069	5.188	5.249	5.402	5.284	5.215	4.336	4.252	4.399	4.314
141.0	5.187	5.292	5.312	5.472	5.381	5.319	4.523	4.439	4.565	4.494
144.0	5.298	5.389	5.381	5.562	5.492	5.437	4.710	4.612	4.752	4.661
147.0	5.409	5.486	5.492	5.631	5.575	5.555	4.897	4.813	4.925	4.834
150.0	5.519	5.590	5.561	5.707	5.624	5.652	5.077	4.979	5.105	5.028
153.0	5.624	5.700	5.630	5.769	5.700	5.742	5.250	5.145	5.264	5.166
156.0	5.734	5.790	5.721	5.853	5.810	5.839	5.423	5.325	5.430	5.360
159.0	5.838	5.894	5.852	5.950	5.880	5.943	5.583	5.478	5.576	5.492
162.0	5.928	5.998	5.921	6.040	5.976	6.033	5.735	5.630	5.728	5.630
165.0	6.032	6.081	5.991	6.116	6.039	6.109	5.881	5.762	5.846	5.734
168.0	6.136	6.157	6.060	6.192	6.115	6.171	6.026	5.907	5.964	5.866
171.0	6.178	6.233	6.150	6.254	6.164	6.220	6.137	6.032	6.081	5.963
174.0	6.253	6.275	6.184	6.296	6.206	6.233	6.227	6.094	6.171	6.074
177.0	6.275	6.282	6.219	6.296	6.282	6.247	6.289	6.178	6.261	6.171
180.0	6.275	6.282	6.289	6.296	6.261	6.240	6.289	6.282	6.289	6.268
G/C	300.0	330.0								
0.0	315.8	314.7								
3.0	315.8	314.1								
6.0	314.8	313.1								
9.0	312.9	310.5								
12.0	309.7	307.2								
15.0	306.0	303.1								
18.0	301.8	298.4								
21.0	296.1	293.4								
24.0	289.7	287.1								
27.0	282.2	278.6								
30.0	273.6	269.8								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: WFW  
 Test Date: 2022-12-15

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:

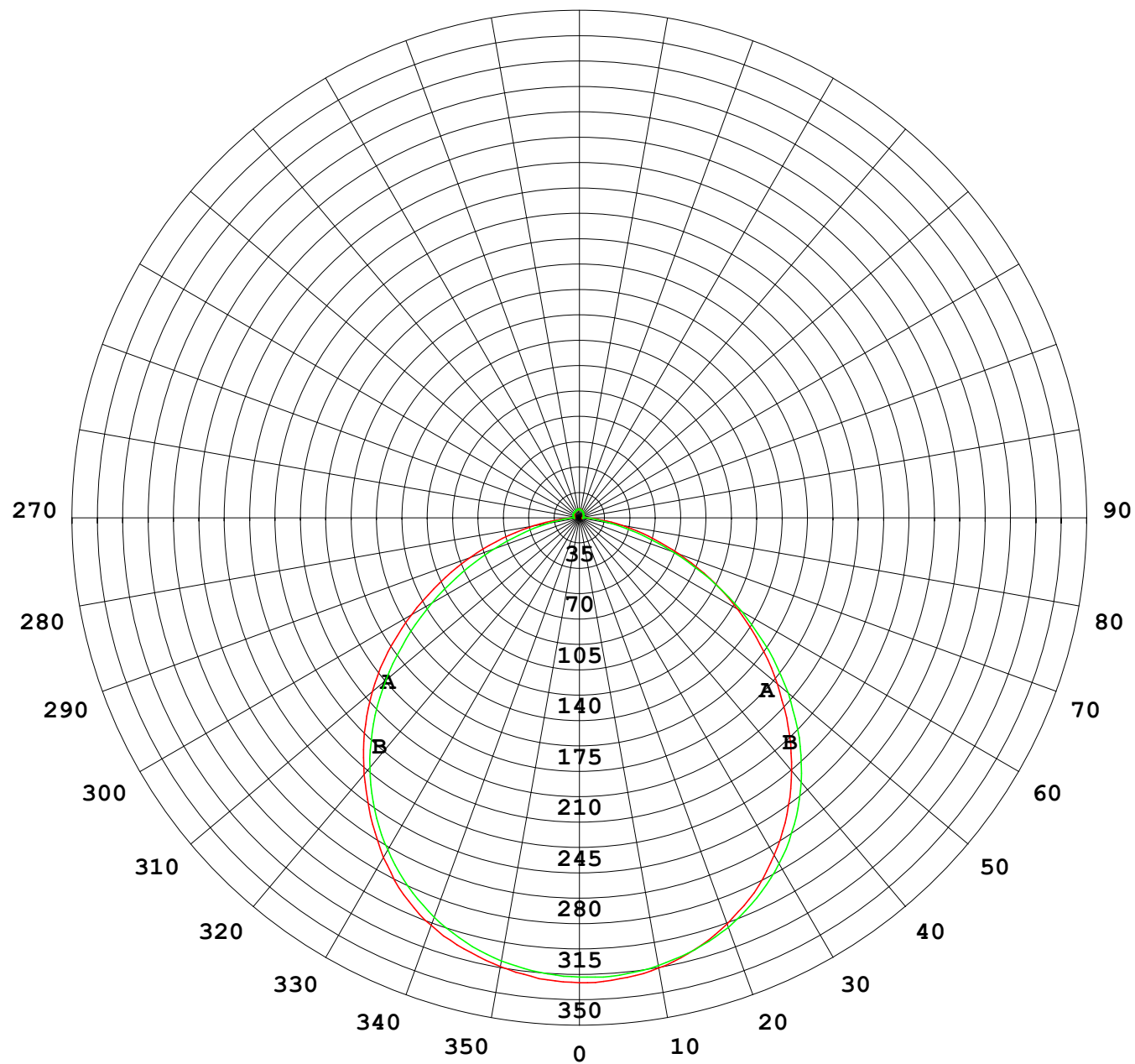
## Photometric Data Table [cd]

33.0	264.2	259.0
36.0	254.2	247.4
39.0	242.7	234.9
42.0	229.5	221.8
45.0	215.6	208.3
48.0	200.4	194.4
51.0	184.4	180.3
54.0	167.4	165.7
57.0	149.8	150.1
60.0	132.1	133.9
63.0	114.2	117.7
66.0	97.29	101.3
69.0	81.08	84.96
72.0	65.58	69.46
75.0	50.95	54.24
78.0	37.42	40.19
81.0	25.26	27.34
84.0	14.74	16.05
87.0	6.767	7.406
90.0	2.427	2.848
93.0	2.085	2.064
96.0	2.175	2.076
99.0	2.300	2.088
102.0	2.459	2.167
105.0	2.598	2.299
108.0	2.750	2.451
111.0	2.896	2.617
114.0	3.055	2.763
117.0	3.207	2.936
120.0	3.353	3.088
123.0	3.512	3.255
126.0	3.678	3.428
129.0	3.831	3.601
132.0	4.004	3.788
135.0	4.170	3.961
138.0	4.357	4.155
141.0	4.503	4.342
144.0	4.682	4.501
147.0	4.862	4.688
150.0	5.036	4.862
153.0	5.195	5.041
156.0	5.347	5.194
159.0	5.500	5.374
162.0	5.645	5.520
165.0	5.770	5.665
168.0	5.908	5.824
171.0	6.019	5.928
174.0	6.116	6.059
177.0	6.227	6.143
180.0	6.289	6.192

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-12-15

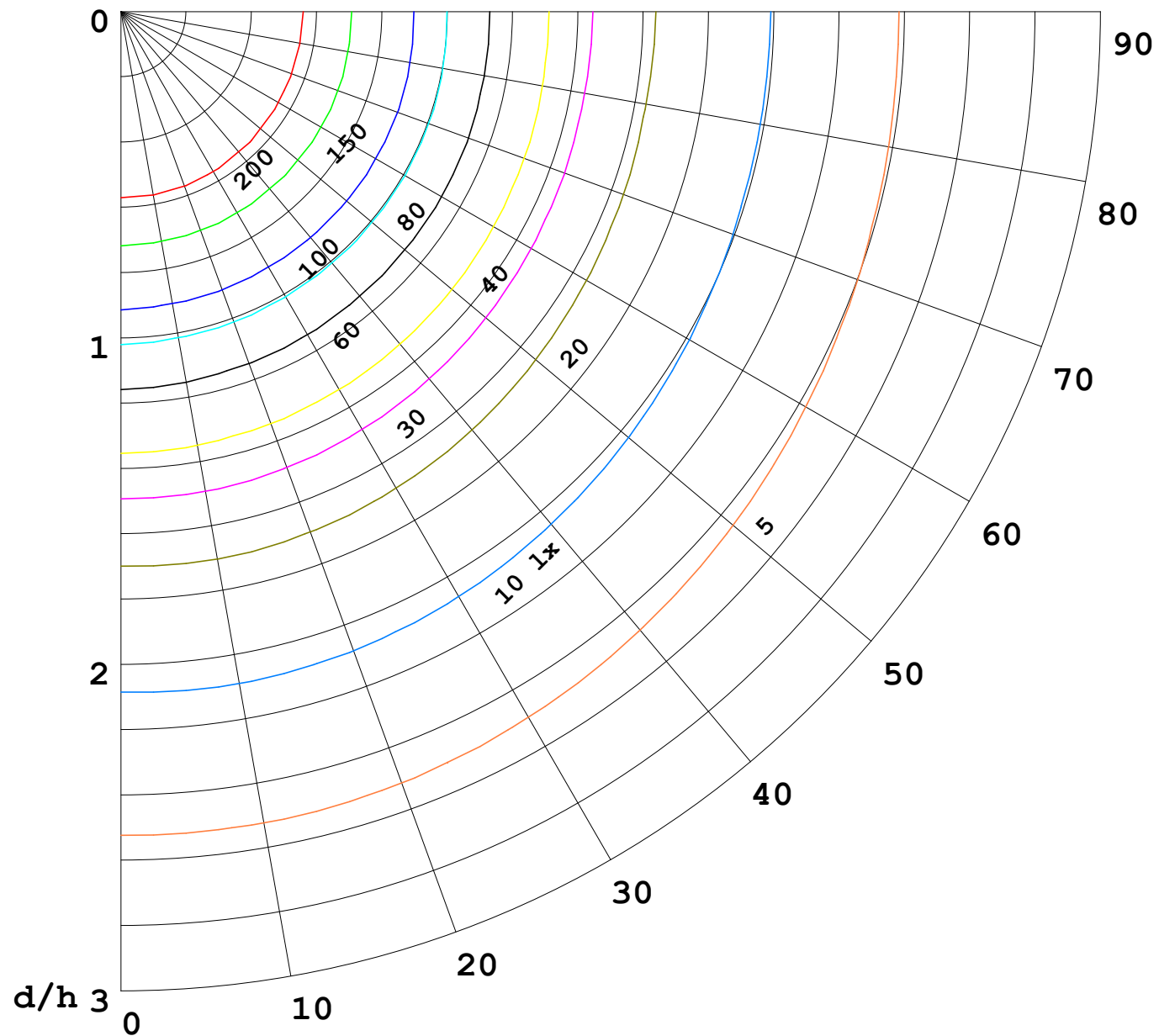
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

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

