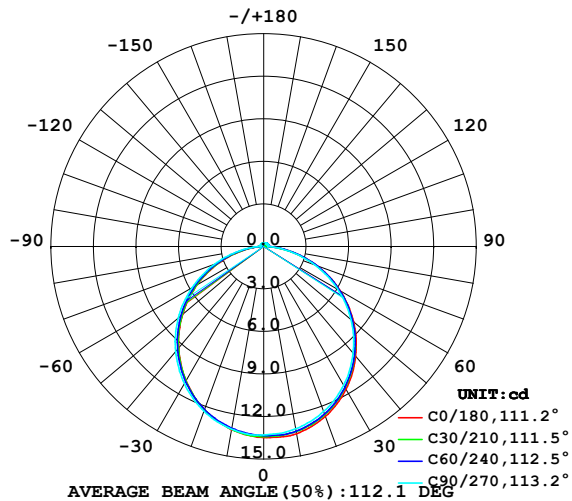


## LUMINAIRE PHOTOMETRIC TEST REPORT

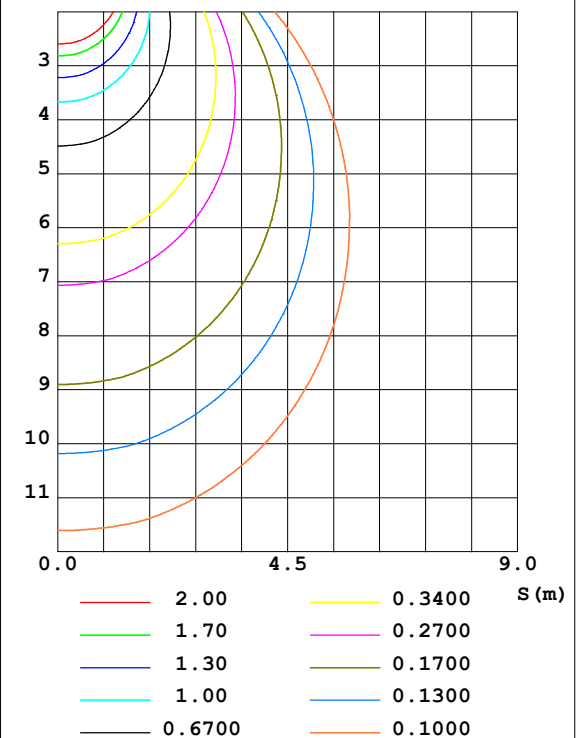
Test:U:24.00V I:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 9.30 lm/W
MODEL	3535	I <sub>max</sub> (cd)	13.48	S/MH (C0/180)	1.28	
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	39.550	η UP, DN (C0-180)	2.0, 49.1	
NOMINAL FLUX (lm)	39.5499	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 47.5	
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24.0	η down (%)	96.6	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: 2023-01-05

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	13.40	13.24	13.05	12.92	13.13	13.06	13.08	13.05	0- 10	1.261	1.261	3.19,3.19
20	12.74	12.59	12.38	12.17	12.24	12.24	12.35	12.39	10- 20	3.610	4.871	12.3,12.3
30	11.62	11.48	11.29	10.99	10.95	11.00	11.18	11.27	20- 30	5.457	10.33	26.1,26.1
40	10.09	9.984	9.805	9.468	9.327	9.405	9.663	9.779	30- 40	6.559	16.89	42.7,42.7
50	8.279	8.194	8.046	7.698	7.464	7.573	7.870	7.999	40- 50	6.799	23.69	59.9,59.9
60	6.215	6.164	6.024	5.693	5.455	5.558	5.840	5.980	50- 60	6.160	29.85	75.5,75.5
70	4.006	3.983	3.849	3.560	3.308	3.445	3.700	3.830	60- 70	4.748	34.60	87.5,87.5
80	1.789	1.787	1.695	1.507	1.272	1.409	1.608	1.665	70- 80	2.774	37.37	94.5,94.5
90	0.2224	0.2633	0.3117	0.3153	0.1587	0.2251	0.2704	0.1665	80- 90	0.8495	38.22	96.6,96.6
100	0.1247	0.2216	0.3047	0.2944	0.0970	0.1870	0.2563	0.1316	90-100	0.2304	38.45	97.2,97.2
110	0.1177	0.2355	0.2978	0.2944	0.1039	0.1801	0.2563	0.1385	100-110	0.2176	38.67	97.8,97.8
120	0.1177	0.2459	0.2909	0.2943	0.1317	0.1558	0.2563	0.1351	110-120	0.2044	38.87	98.3,98.3
130	0.1523	0.2563	0.2840	0.2943	0.1593	0.1766	0.2563	0.1247	120-130	0.1874	39.06	98.8,98.8
140	0.1801	0.2563	0.2840	0.2770	0.1871	0.1835	0.2563	0.1316	130-140	0.1678	39.23	99.2,99.2
150	0.1870	0.2459	0.2768	0.2632	0.2008	0.1939	0.2563	0.1870	140-150	0.1404	39.37	99.5,99.5
160	0.1870	0.2355	0.2008	0.2459	0.2008	0.1939	0.2493	0.2043	150-160	0.1018	39.47	99.8,99.8
170	0.1938	0.2286	0.2008	0.2459	0.2008	0.1974	0.2425	0.2078	160-170	0.0611	39.53	99.9,99.9
180	0.2008	0.2251	0.1939	0.2424	0.2008	0.2043	0.2355	0.2078	170-180	0.0207	39.55	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	95	90
80	103	98
75	111	106
70	117	113
65	121	117
60	124	120
55	127	123
50	129	125
45	130	127

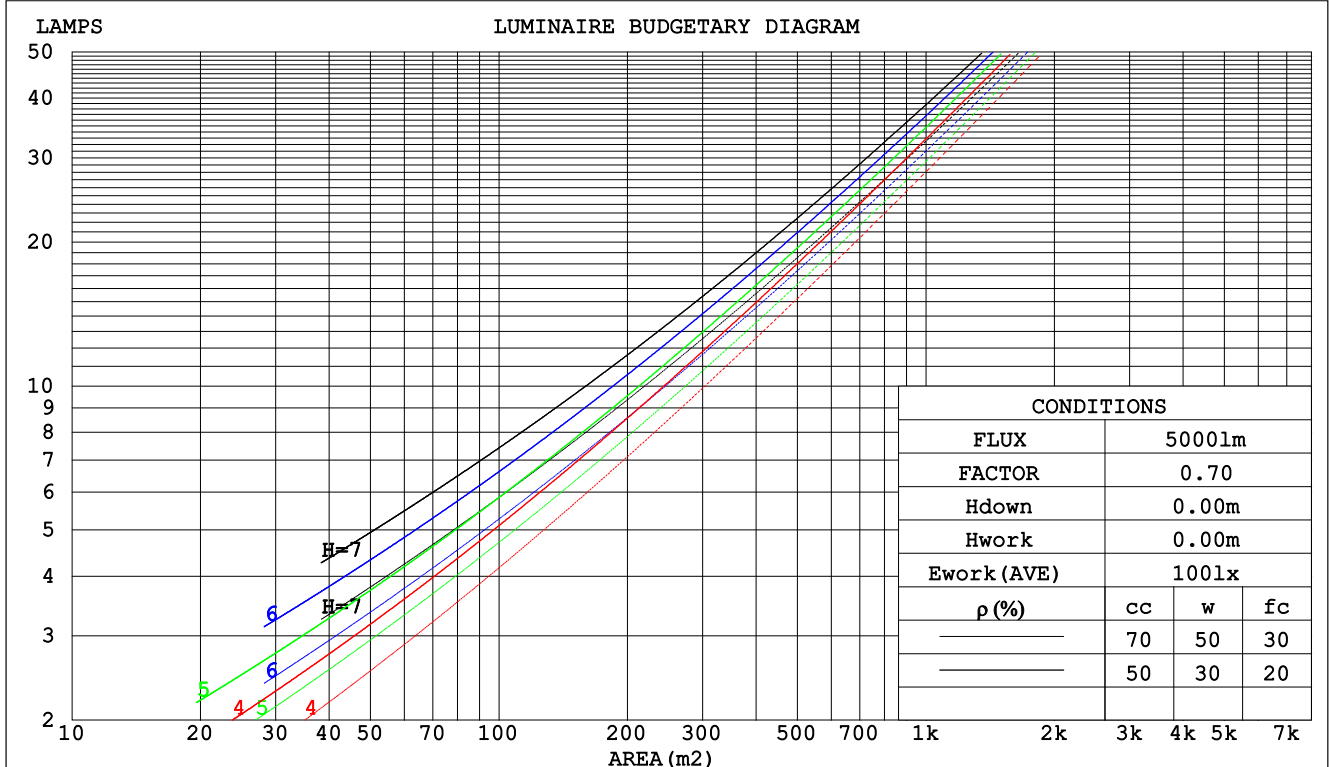
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-01-05

$\gamma$  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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
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:2023-01-05

$\gamma$  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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm					
NAME: SF09-24V-3535-84-RGB-R			TYPE:硅胶		WEIGHT:
DIM.: 16mm*8mm			SPEC.:		SERIAL No.:202301001
MFR.: OLYMPIA			SUR.:1*0.016		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	.313	.178	.056	.305	.174	.055	.290	.166	.053	.276	.159	.051	.263	.152	.049		
2.0	.293	.160	.049	.286	.157	.048	.272	.151	.047	.260	.146	.046	.248	.140	.044		
3.0	.270	.144	.043	.264	.141	.043	.252	.137	.041	.241	.132	.040	.230	.128	.039		
4.0	.249	.129	.038	.243	.127	.038	.233	.123	.037	.223	.120	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.179	.092	.027	.172	.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	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.206	.182	.160	.177	.156	.138	.121	.107	.095	.070	.062	.055	.022	.020	.018	
2.0	.198	.158	.124	.170	.136	.107	.116	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.140	.100	.164	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.183	.127	.085	.157	.110	.074	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.117	.074	.151	.101	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.066	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.139	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
8.0	.155	.096	.055	.134	.083	.048	.093	.058	.034	.054	.035	.020	.017	.011	.007	
9.0	.149	.091	.052	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.049	.124	.075	.043	.086	.053	.030	.050	.031	.018	.016	.010	.006	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:WFW  
 Test Date:2023-01-05

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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm											
NAME.: SF09-24V-3535-84-RGB-R					TYPE:硅胶			WEIGHT:			
DIM.: 16mm*8mm					SPEC.:			SERIAL No.:202301001			
MFR.: OLYMPIA					SUR.:1*0.016			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	5.7	7.1	6.0	7.4	7.7	5.6	7.1	5.9	7.3	7.6	
	3H	7.3	8.6	7.6	8.9	9.2	7.2	8.5	7.5	8.8	9.1
	4H	7.9	9.2	8.3	9.5	9.9	7.8	9.1	8.2	9.4	9.7
	6H	8.4	9.6	8.8	10.0	10.3	8.3	9.5	8.7	9.8	10.2
	8H	8.6	9.7	9.0	10.1	10.5	8.4	9.6	8.8	9.9	10.3
	12H	8.7	9.8	9.1	10.2	10.5	8.5	9.7	8.9	10.0	10.4
4H	2H	6.3	7.6	6.6	7.9	8.2	6.2	7.5	6.6	7.8	8.2
	3H	8.1	9.2	8.5	9.6	9.9	8.0	9.1	8.4	9.5	9.9
	4H	8.8	9.9	9.3	10.3	10.7	8.8	9.8	9.2	10.2	10.6
	6H	9.5	10.4	9.9	10.8	11.2	9.4	10.3	9.8	10.7	11.2
	8H	9.7	10.5	10.1	11.0	11.4	9.6	10.5	10.1	10.9	11.3
	12H	9.8	10.6	10.3	11.1	11.5	9.8	10.5	10.2	11.0	11.5
8H	4H	9.1	10.0	9.6	10.4	10.9	9.1	9.9	9.5	10.4	10.8
	6H	9.9	10.6	10.4	11.1	11.6	9.9	10.6	10.4	11.0	11.5
	8H	10.2	10.8	10.7	11.3	11.8	10.2	10.8	10.7	11.3	11.8
	12H	10.4	11.0	11.0	11.5	12.0	10.4	11.0	10.9	11.5	12.0
12H	4H	9.1	9.9	9.6	10.4	10.9	9.1	9.9	9.6	10.3	10.8
	6H	10.0	10.6	10.5	11.1	11.6	9.9	10.6	10.4	11.0	11.6
	8H	10.3	10.8	10.8	11.4	11.9	10.3	10.8	10.8	11.3	11.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 39.55 lm Total Lamp Luminous Flux. (8log(F/F0) = -11.2)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:WFW  
 Test Date:2023-01-05

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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

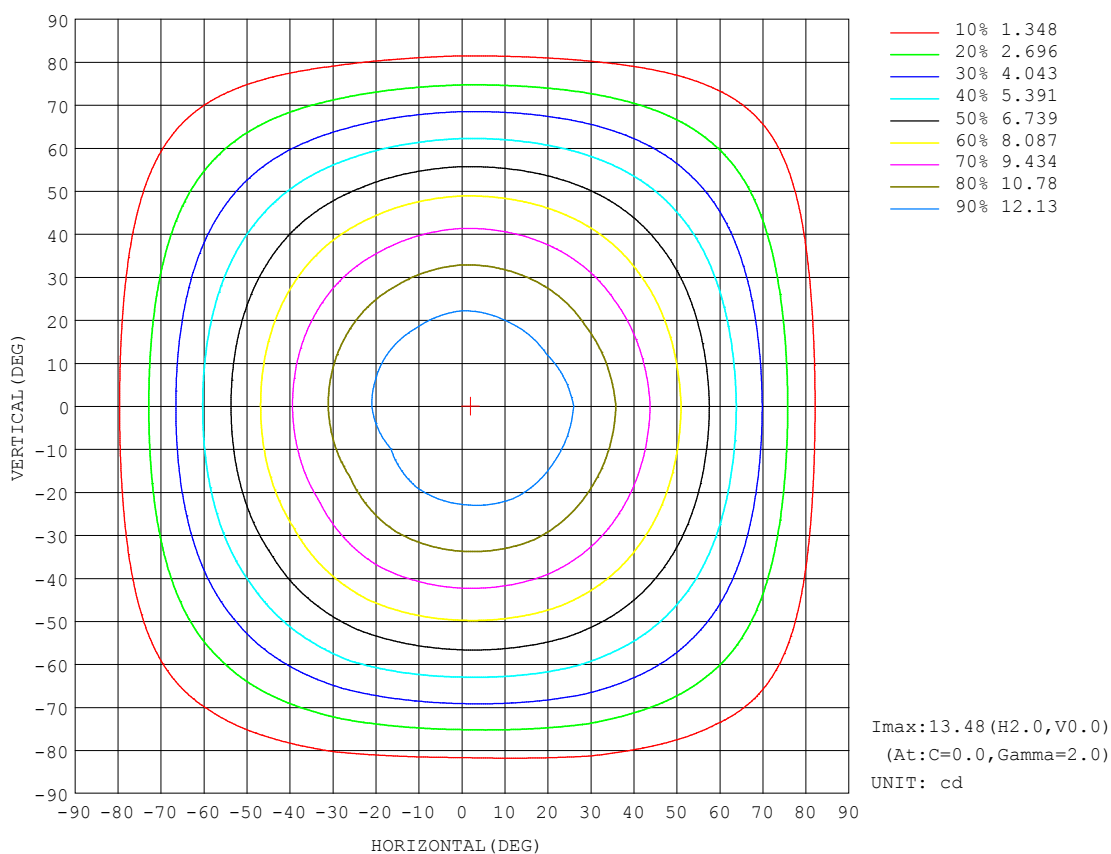
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	55
1.50	87	77	69	85	76	69	81	73	68	59
2.00	94	85	78	92	83	77	88	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	103	98	105	100	96	100	96	93	83
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:2023-01-05

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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

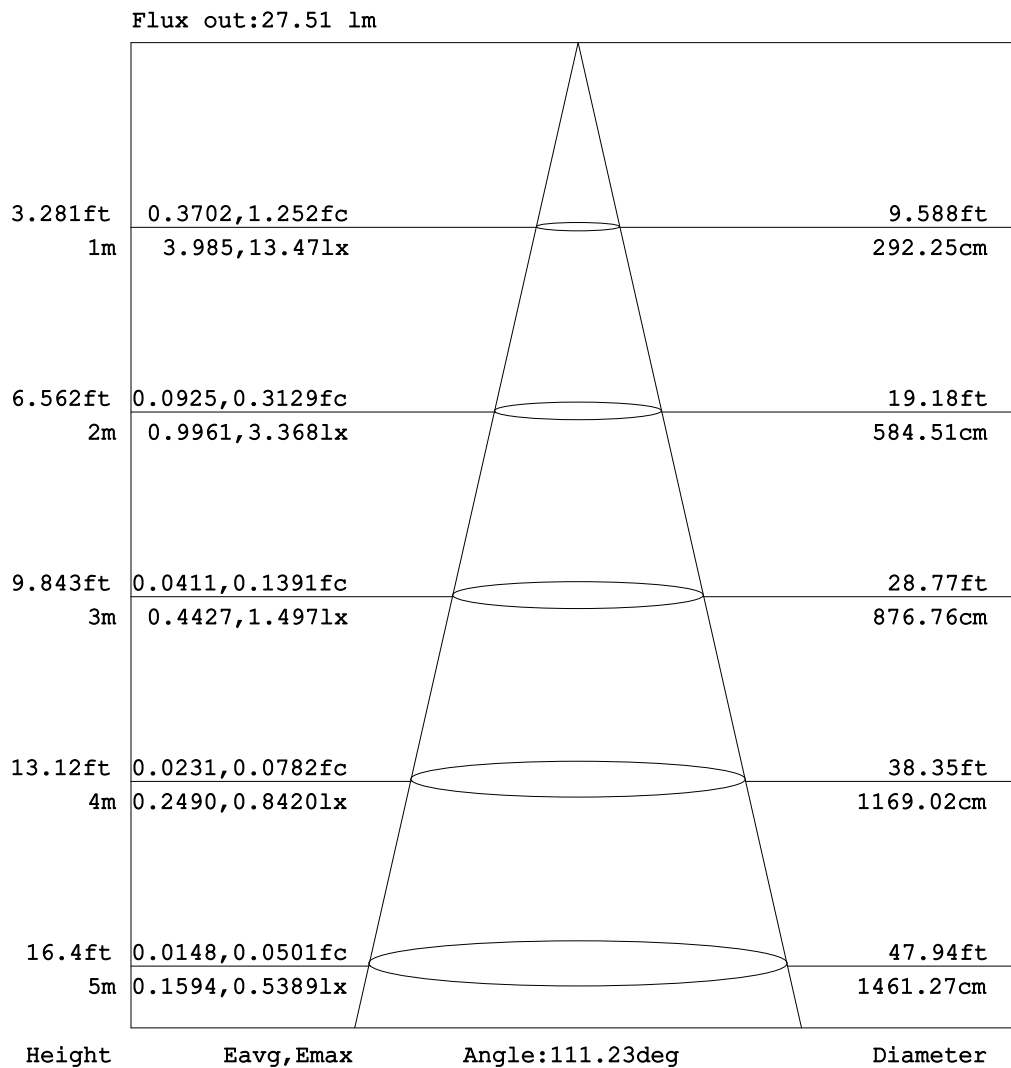


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-01-05

$\gamma$  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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



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

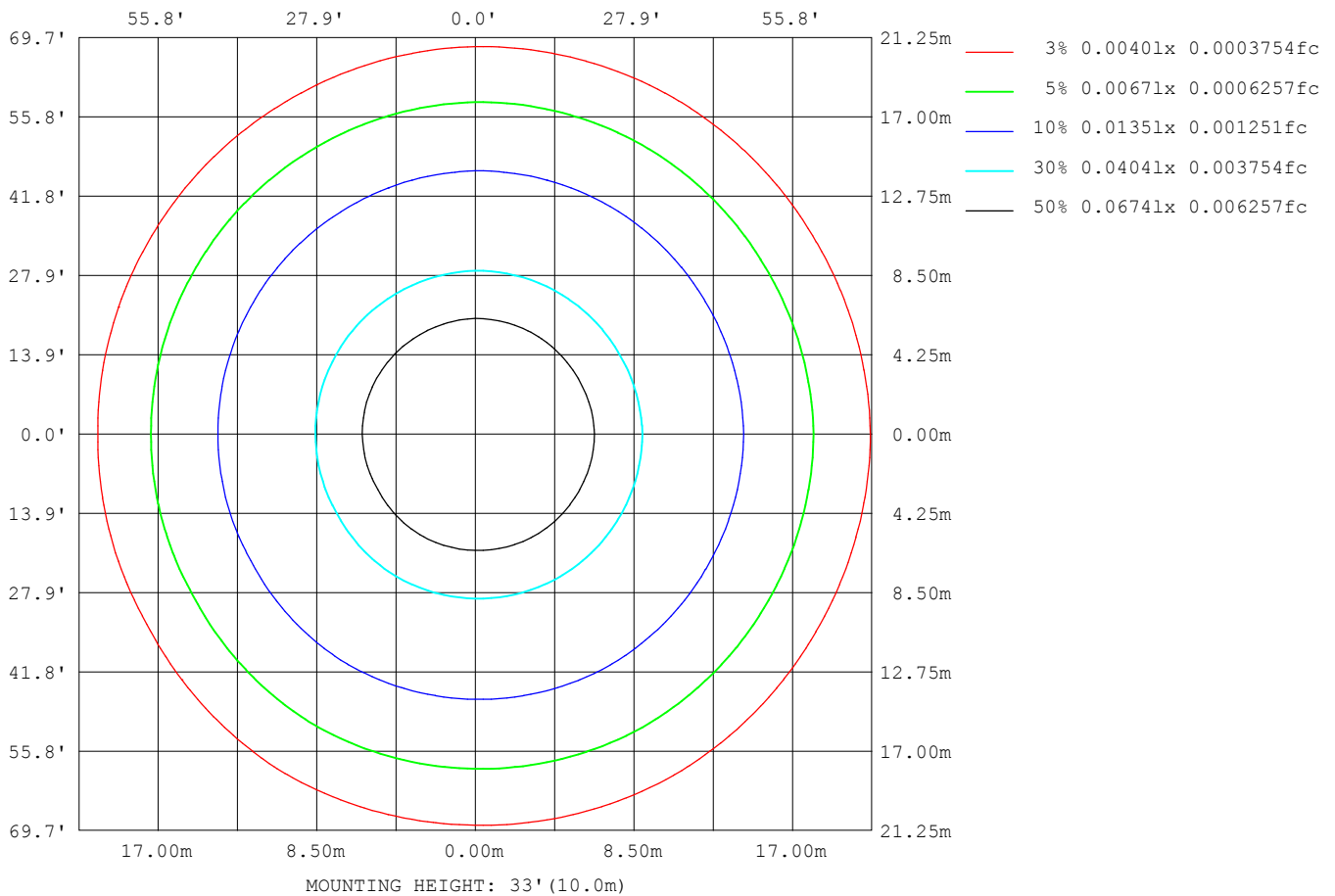
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-01-05

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

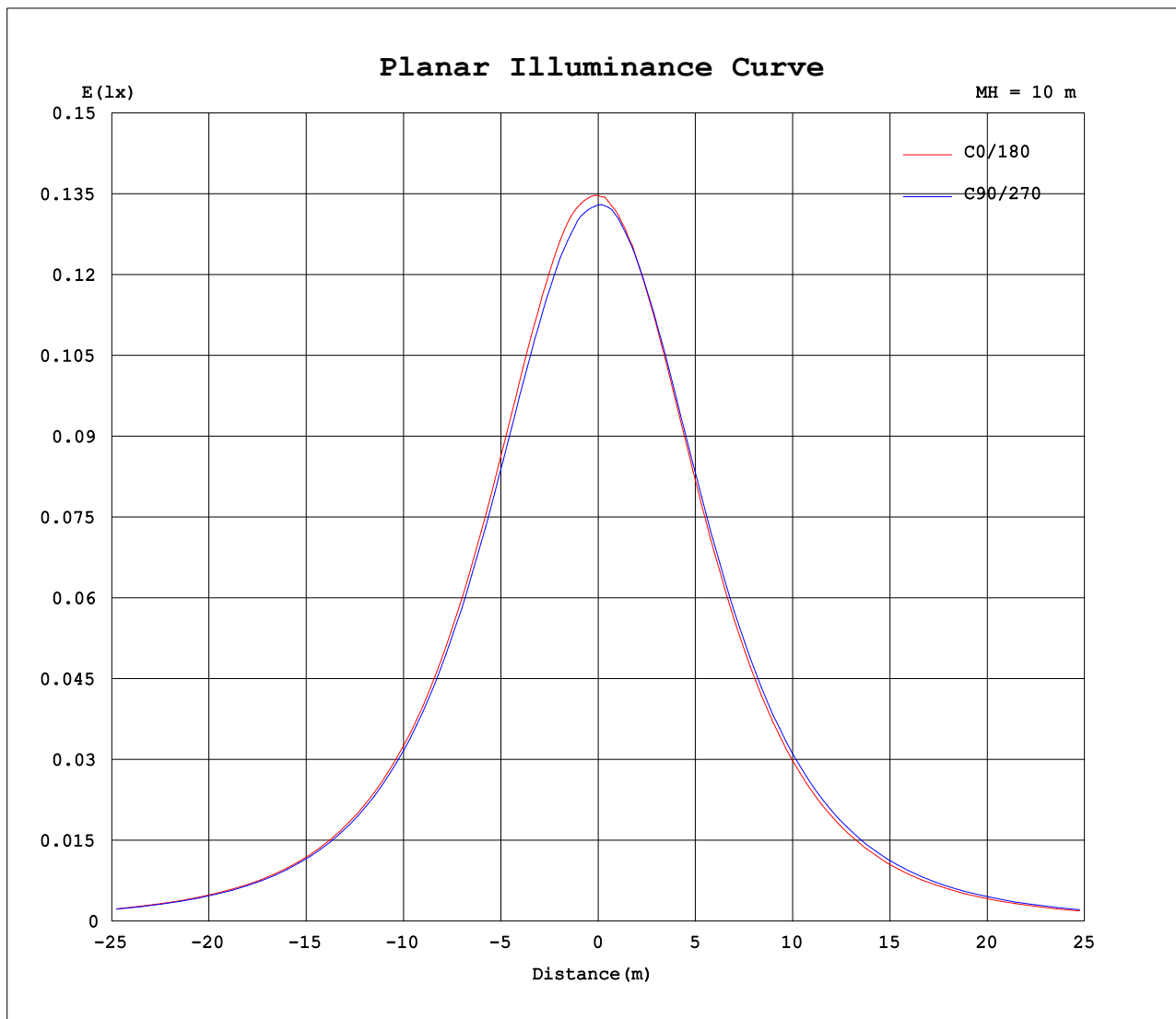
Test:U:24.00V I:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-01-05

$\gamma$  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: 2023-01-05

$\gamma$  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:0.1771A P:4.250W PF:1.000 Lamp Flux:39.5499x1 lm		
NAME: SF09-24V-3535-84-RGB-R	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	13.5	13.4	13.3	13.3	13.3	13.2	13.5	13.4	13.3	13.3	13.3	13.2							
5	13.5	13.4	13.3	13.2	13.2	13.1	13.4	13.3	13.2	13.3	13.2	13.2							
10	13.4	13.2	13.2	13.0	13.0	12.8	13.1	13.1	13.0	13.1	13.0	13.1							
15	13.1	13.0	12.9	12.8	12.7	12.5	12.7	12.7	12.7	12.8	12.7	12.8							
20	12.7	12.6	12.6	12.4	12.3	12.1	12.2	12.3	12.2	12.3	12.4	12.4							
25	12.2	12.1	12.1	11.9	11.8	11.5	11.7	11.7	11.7	11.8	11.8	11.9							
30	11.6	11.5	11.5	11.3	11.1	10.9	10.9	11.0	11.0	11.2	11.2	11.3							
35	10.9	10.8	10.8	10.6	10.4	10.1	10.2	10.2	10.3	10.5	10.5	10.6							
40	10.1	9.99	9.98	9.81	9.64	9.29	9.33	9.37	9.44	9.66	9.74	9.82							
45	9.23	9.13	9.13	8.97	8.80	8.44	8.43	8.47	8.57	8.80	8.89	8.97							
50	8.28	8.18	8.20	8.05	7.91	7.49	7.46	7.52	7.63	7.87	7.96	8.04							
55	7.27	7.19	7.23	7.06	6.90	6.51	6.47	6.51	6.65	6.88	6.98	7.05							
60	6.21	6.14	6.19	6.02	5.88	5.50	5.45	5.49	5.63	5.84	5.95	6.01							
65	5.13	5.07	5.12	4.96	4.86	4.46	4.37	4.44	4.58	4.77	4.91	4.95							
70	4.01	3.95	4.01	3.85	3.73	3.39	3.31	3.39	3.50	3.70	3.81	3.85							
75	2.88	2.82	2.90	2.74	2.64	2.35	2.25	2.34	2.44	2.63	2.70	2.74							
80	1.79	1.73	1.84	1.69	1.64	1.37	1.27	1.37	1.45	1.61	1.65	1.68							
85	0.83	0.76	0.91	0.79	0.81	0.59	0.50	0.60	0.61	0.74	0.70	0.74							
90	0.22	0.16	0.37	0.31	0.42	0.21	0.16	0.24	0.21	0.27	0.18	0.15							
95	0.12	0.12	0.33	0.30	0.39	0.21	0.10	0.19	0.21	0.26	0.18	0.08							
100	0.12	0.12	0.32	0.30	0.38	0.21	0.10	0.17	0.21	0.26	0.18	0.08							
105	0.12	0.15	0.31	0.30	0.38	0.21	0.10	0.16	0.21	0.26	0.19	0.08							
110	0.12	0.16	0.31	0.30	0.38	0.21	0.10	0.15	0.21	0.26	0.19	0.08							
115	0.12	0.17	0.31	0.30	0.37	0.22	0.11	0.15	0.21	0.26	0.19	0.08							
120	0.12	0.18	0.31	0.29	0.37	0.22	0.13	0.10	0.21	0.26	0.19	0.08							
125	0.12	0.19	0.31	0.28	0.37	0.22	0.14	0.14	0.21	0.26	0.17	0.08							
130	0.15	0.20	0.31	0.28	0.37	0.22	0.16	0.15	0.21	0.26	0.17	0.08							
135	0.18	0.21	0.30	0.28	0.35	0.22	0.17	0.16	0.21	0.26	0.17	0.09							
140	0.18	0.21	0.30	0.28	0.33	0.22	0.19	0.16	0.21	0.26	0.17	0.10							
145	0.19	0.21	0.29	0.28	0.33	0.22	0.19	0.17	0.21	0.26	0.21	0.14							
150	0.19	0.21	0.28	0.28	0.30	0.22	0.20	0.18	0.21	0.26	0.21	0.16							
155	0.19	0.21	0.27	0.21	0.28	0.22	0.20	0.18	0.21	0.25	0.22	0.18							
160	0.19	0.21	0.26	0.20	0.26	0.24	0.20	0.18	0.21	0.25	0.23	0.18							
165	0.19	0.21	0.24	0.20	0.26	0.24	0.20	0.18	0.21	0.25	0.23	0.18							
170	0.19	0.21	0.24	0.20	0.26	0.24	0.20	0.19	0.21	0.24	0.23	0.19							
175	0.19	0.21	0.24	0.20	0.25	0.24	0.20	0.19	0.21	0.24	0.23	0.19							
180	0.20	0.21	0.24	0.19	0.24	0.24	0.20	0.20	0.21	0.24	0.23	0.19							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-01-05

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	13.47	13.40	13.35	13.30	13.26	13.16	13.47	13.40	13.35	13.30
3.0	13.48	13.40	13.34	13.26	13.26	13.11	13.41	13.41	13.28	13.30
6.0	13.48	13.37	13.34	13.22	13.17	13.03	13.32	13.30	13.19	13.25
9.0	13.44	13.28	13.27	13.10	13.06	12.89	13.15	13.16	13.05	13.12
12.0	13.31	13.17	13.13	12.95	12.89	12.72	12.96	12.95	12.89	12.97
15.0	13.13	13.01	12.95	12.79	12.70	12.50	12.73	12.74	12.69	12.78
18.0	12.91	12.78	12.74	12.57	12.46	12.24	12.44	12.45	12.42	12.54
21.0	12.66	12.53	12.47	12.30	12.18	11.95	12.13	12.14	12.13	12.25
24.0	12.35	12.24	12.18	12.01	11.87	11.62	11.79	11.78	11.79	11.93
27.0	12.00	11.88	11.83	11.67	11.52	11.25	11.38	11.39	11.42	11.57
30.0	11.62	11.50	11.46	11.29	11.14	10.85	10.95	10.96	11.04	11.18
33.0	11.20	11.09	11.05	10.89	10.72	10.42	10.50	10.51	10.57	10.76
36.0	10.75	10.64	10.61	10.45	10.28	9.958	10.01	10.04	10.11	10.31
39.0	10.26	10.14	10.13	9.972	9.809	9.459	9.507	9.532	9.618	9.829
42.0	9.747	9.681	9.636	9.487	9.310	8.975	8.988	9.019	9.113	9.317
45.0	9.227	9.134	9.130	8.968	8.805	8.441	8.434	8.472	8.572	8.804
48.0	8.666	8.579	8.583	8.427	8.257	7.887	7.865	7.897	8.025	8.250
51.0	8.078	7.997	8.009	7.859	7.752	7.298	7.270	7.322	7.443	7.669
54.0	7.475	7.395	7.420	7.257	7.102	6.710	6.674	6.727	6.841	7.087
57.0	6.845	6.786	6.810	6.675	6.492	6.121	6.058	6.117	6.245	6.470
60.0	6.215	6.141	6.187	6.024	5.882	5.504	5.455	5.487	5.628	5.840
63.0	5.571	5.504	5.557	5.386	5.314	4.922	4.797	4.871	4.998	5.238
66.0	4.913	4.846	4.899	4.736	4.622	4.244	4.160	4.240	4.361	4.559
69.0	4.234	4.174	4.241	4.077	3.943	3.600	3.516	3.596	3.724	3.929
72.0	3.549	3.495	3.577	3.399	3.299	2.962	2.878	2.966	3.072	3.292
75.0	2.877	2.824	2.905	2.741	2.641	2.346	2.249	2.336	2.436	2.627
78.0	2.198	2.145	2.246	2.090	2.038	1.744	1.660	1.747	1.833	2.017
81.0	1.574	1.522	1.637	1.480	1.463	1.183	1.099	1.200	1.258	1.435
84.0	0.9996	0.9333	1.076	0.9405	0.9577	0.7190	0.6286	0.7286	0.7463	0.8881
87.0	0.5143	0.4492	0.6179	0.5256	0.5899	0.3871	0.2901	0.3887	0.3731	0.4859
90.0	0.2224	0.1590	0.3676	0.3117	0.4228	0.2078	0.1587	0.2425	0.2078	0.2704
93.0	0.1387	0.1177	0.3257	0.3185	0.4086	0.2078	0.0970	0.1940	0.2078	0.2563
96.0	0.1247	0.1177	0.3255	0.3047	0.3879	0.2078	0.0970	0.1801	0.2078	0.2563
99.0	0.1247	0.1178	0.3186	0.3047	0.3878	0.2078	0.0970	0.1663	0.2078	0.2563
102.0	0.1247	0.1385	0.3187	0.3047	0.3809	0.2078	0.0970	0.1593	0.2078	0.2563
105.0	0.1178	0.1524	0.3117	0.3047	0.3809	0.2078	0.1039	0.1593	0.2078	0.2563
108.0	0.1177	0.1524	0.3117	0.2978	0.3809	0.2078	0.1039	0.1524	0.2078	0.2563
111.0	0.1177	0.1593	0.3117	0.2978	0.3809	0.2216	0.1039	0.1524	0.2078	0.2563
114.0	0.1177	0.1662	0.3117	0.2978	0.3671	0.2216	0.1108	0.1524	0.2078	0.2563
117.0	0.1177	0.1732	0.3117	0.2978	0.3671	0.2216	0.1108	0.1040	0.2078	0.2563
120.0	0.1177	0.1801	0.3117	0.2909	0.3671	0.2216	0.1317	0.1039	0.2078	0.2563
123.0	0.1247	0.1802	0.3117	0.2909	0.3671	0.2216	0.1385	0.1108	0.2078	0.2563
126.0	0.1315	0.1939	0.3117	0.2840	0.3671	0.2216	0.1386	0.1385	0.2078	0.2563
129.0	0.1454	0.2008	0.3117	0.2840	0.3671	0.2216	0.1593	0.1455	0.2078	0.2563
132.0	0.1798	0.2078	0.3185	0.2840	0.3671	0.2216	0.1593	0.1454	0.2078	0.2563
135.0	0.1801	0.2078	0.3047	0.2840	0.3533	0.2216	0.1731	0.1592	0.2078	0.2563
138.0	0.1801	0.2147	0.3047	0.2840	0.3327	0.2216	0.1938	0.1593	0.2078	0.2563
141.0	0.1801	0.2147	0.2978	0.2840	0.3324	0.2216	0.1939	0.1662	0.2078	0.2563
144.0	0.1869	0.2147	0.2979	0.2840	0.3324	0.2216	0.1939	0.1731	0.2078	0.2563
147.0	0.1870	0.2147	0.2909	0.2840	0.3187	0.2216	0.2008	0.1731	0.2078	0.2563
150.0	0.1870	0.2147	0.2770	0.2768	0.3048	0.2216	0.2008	0.1800	0.2078	0.2563
153.0	0.1870	0.2147	0.2770	0.2285	0.2977	0.2216	0.2008	0.1801	0.2078	0.2631
156.0	0.1870	0.2147	0.2633	0.2147	0.2771	0.2216	0.2008	0.1801	0.2078	0.2493
159.0	0.1870	0.2147	0.2633	0.2008	0.2563	0.2355	0.2008	0.1801	0.2078	0.2493
162.0	0.1870	0.2147	0.2425	0.2008	0.2563	0.2355	0.2008	0.1801	0.2078	0.2493
165.0	0.1870	0.2147	0.2424	0.2008	0.2563	0.2355	0.2008	0.1801	0.2078	0.2493
168.0	0.1870	0.2147	0.2424	0.2008	0.2563	0.2355	0.2008	0.1801	0.2078	0.2493
171.0	0.1939	0.2147	0.2424	0.2008	0.2494	0.2355	0.2008	0.1870	0.2078	0.2424
174.0	0.1939	0.2147	0.2424	0.2008	0.2493	0.2424	0.2008	0.1939	0.2078	0.2424
177.0	0.1939	0.2147	0.2424	0.1939	0.2562	0.2424	0.2008	0.1939	0.2078	0.2424
180.0	0.2008	0.2147	0.2355	0.1939	0.2424	0.2424	0.2008	0.2008	0.2078	0.2355
G/C	300.0	330.0								
0.0	13.26	13.16								
3.0	13.26	13.17								
6.0	13.14	13.17								
9.0	13.05	13.11								
12.0	12.92	12.97								
15.0	12.73	12.81								
18.0	12.52	12.58								
21.0	12.25	12.33								
24.0	11.95	12.02								
27.0	11.61	11.69								
30.0	11.23	11.31								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: WFW  
 Test Date: 2023-01-05

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:

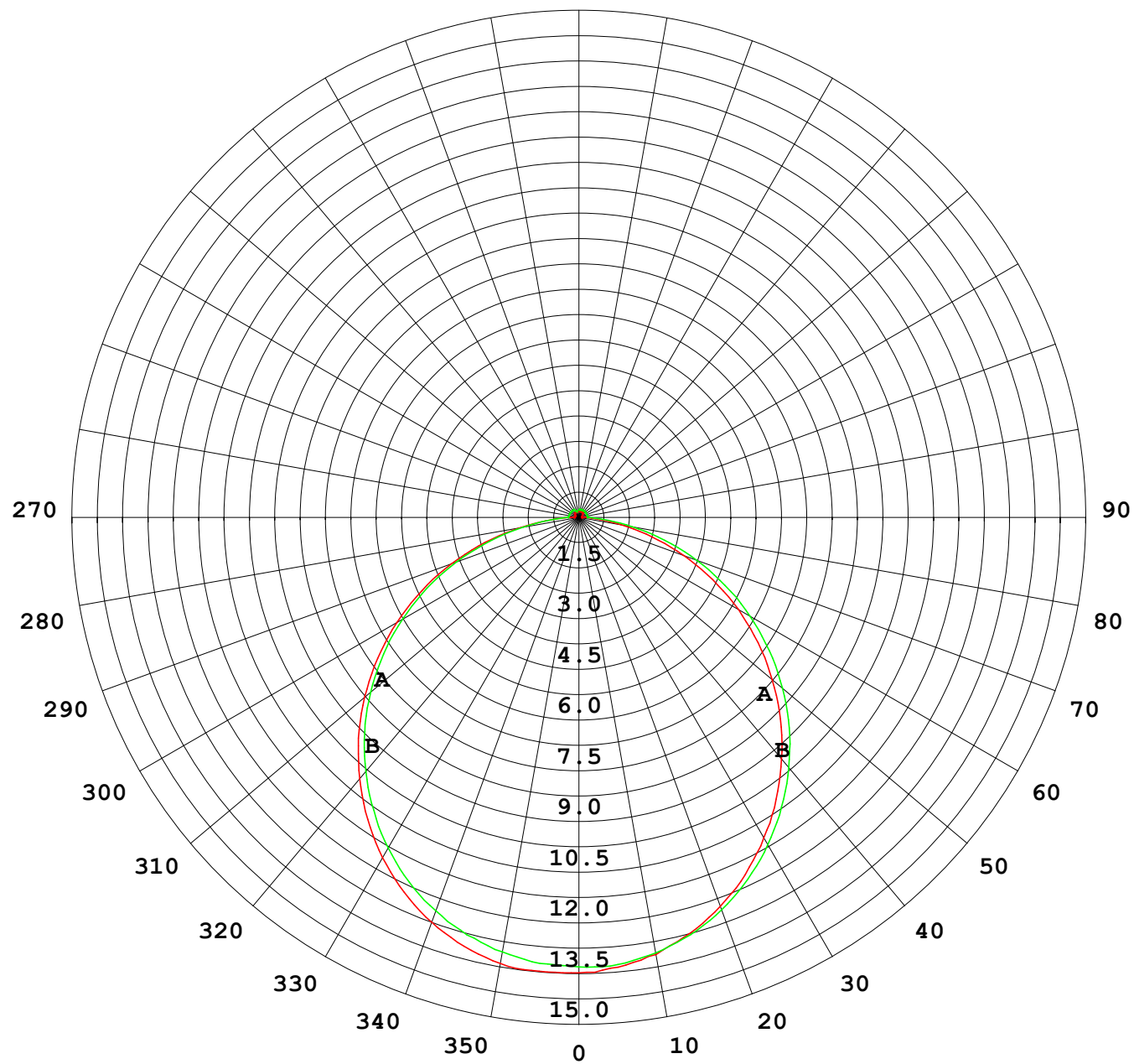
## Photometric Data Table [cd]

33.0	10.82	10.90
36.0	10.37	10.46
39.0	9.909	9.982
42.0	9.390	9.476
45.0	8.891	8.970
48.0	8.336	8.423
51.0	7.782	7.849
54.0	7.173	7.260
57.0	6.570	6.650
60.0	5.954	6.006
63.0	5.323	5.397
66.0	4.687	4.732
69.0	4.028	4.088
72.0	3.363	3.430
75.0	2.699	2.745
78.0	2.069	2.100
81.0	1.452	1.491
84.0	0.8775	0.9021
87.0	0.4143	0.4446
90.0	0.1801	0.1529
93.0	0.1801	0.0833
96.0	0.1801	0.0762
99.0	0.1801	0.0830
102.0	0.1870	0.0831
105.0	0.1939	0.0831
108.0	0.1939	0.0831
111.0	0.1939	0.0831
114.0	0.1939	0.0831
117.0	0.1940	0.0831
120.0	0.1870	0.0831
123.0	0.1868	0.0831
126.0	0.1732	0.0831
129.0	0.1662	0.0831
132.0	0.1662	0.0831
135.0	0.1662	0.0900
138.0	0.1662	0.0970
141.0	0.1662	0.1038
144.0	0.1736	0.1385
147.0	0.2147	0.1523
150.0	0.2147	0.1593
153.0	0.2147	0.1662
156.0	0.2286	0.1801
159.0	0.2286	0.1801
162.0	0.2286	0.1801
165.0	0.2286	0.1801
168.0	0.2286	0.1870
171.0	0.2286	0.1870
174.0	0.2286	0.1870
177.0	0.2286	0.1870
180.0	0.2286	0.1870

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-01-05

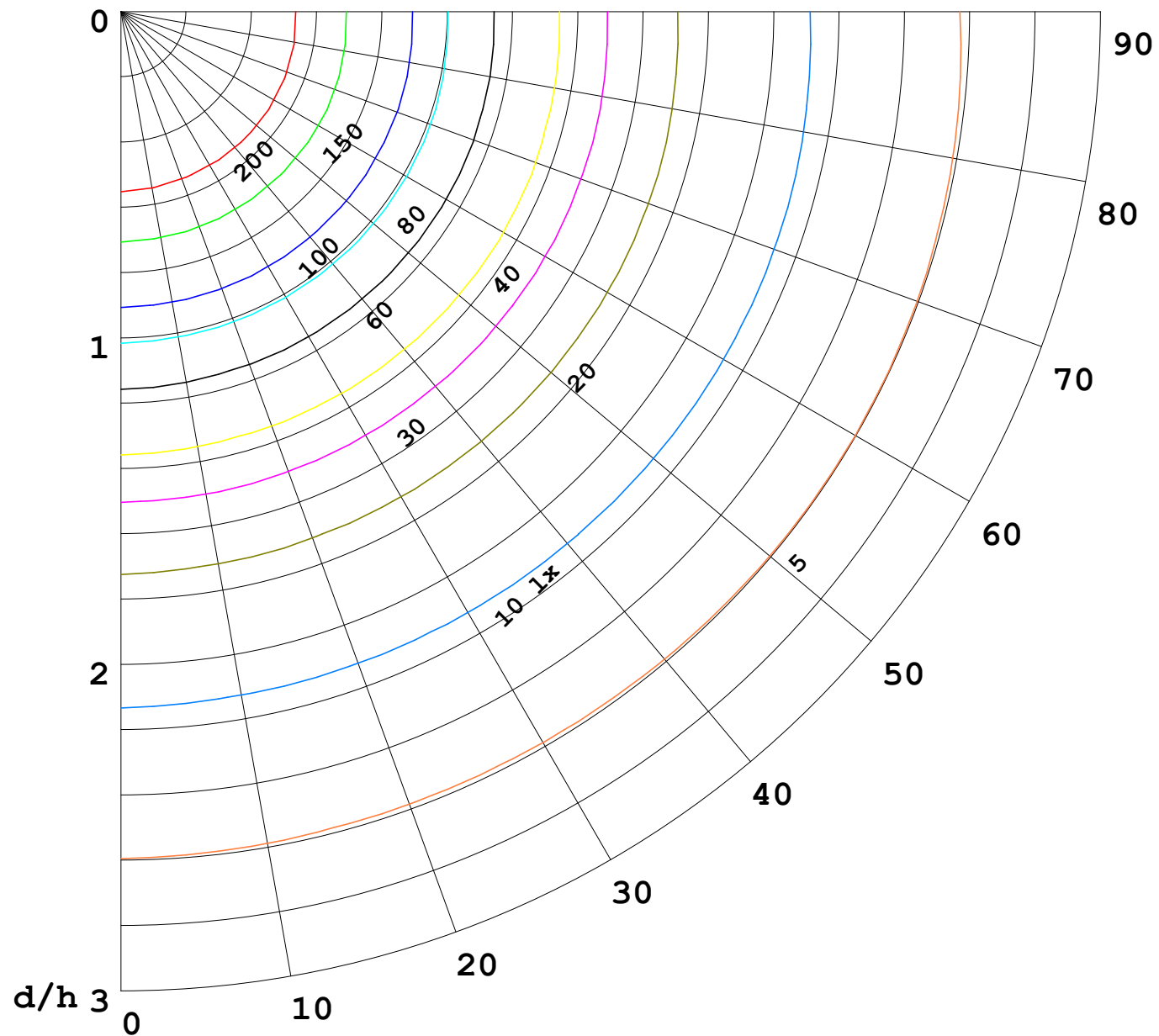
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 10.800m [K=1.0000]  
Remarks:

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

