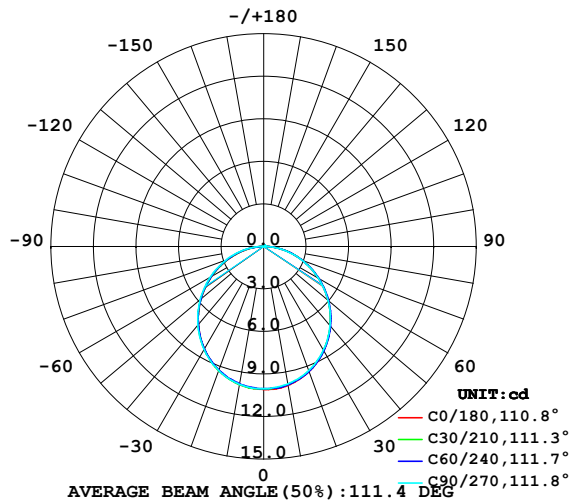


## LUMINAIRE PHOTOMETRIC TEST REPORT

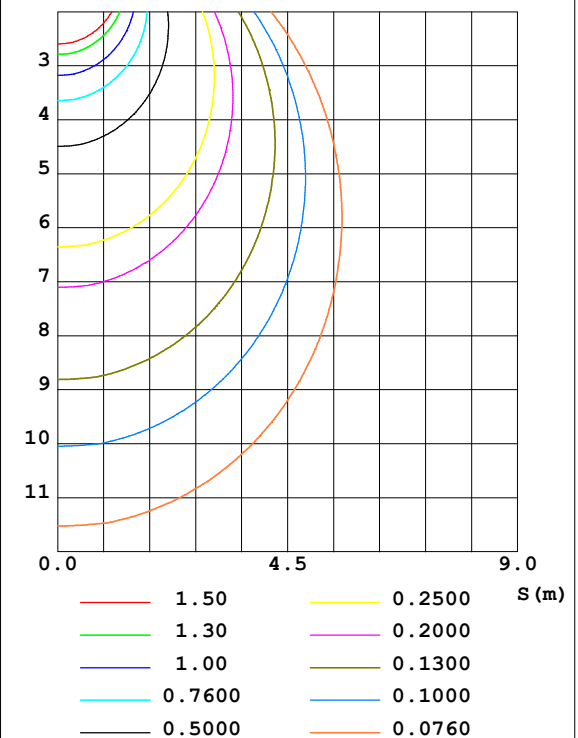
Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.07 lm/W
MODEL	5050	I <sub>max</sub> (cd)	10.09	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	29.117	η UP, DN (C0-180)	0.8, 49.7	
NOMINAL FLUX (lm)	29.1172	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 49.0	
LAMPS INSIDE	1	η up (%)	1.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24	η down (%)	98.8	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



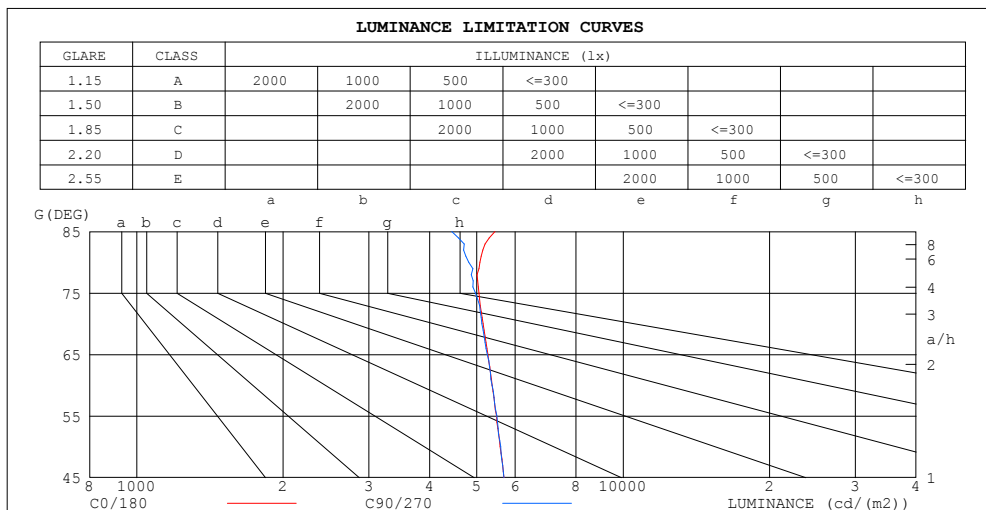
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-04-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.400m [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	9.943	9.898	9.853	9.827	9.874	9.871	9.874	9.832	0- 10	0.9506	0.9506	3.26,3.26
20	9.382	9.358	9.312	9.268	9.296	9.294	9.313	9.279	10- 20	2.718	3.668	12.6,12.6
30	8.469	8.481	8.431	8.376	8.378	8.374	8.406	8.376	20- 30	4.100	7.768	26.7,26.7
40	7.289	7.319	7.281	7.185	7.181	7.175	7.231	7.214	30- 40	4.910	12.68	43.5,43.5
50	5.925	5.966	5.938	5.803	5.775	5.795	5.862	5.860	40- 50	5.069	17.75	61,61
60	4.435	4.483	4.437	4.294	4.248	4.281	4.356	4.373	50- 60	4.577	22.32	76.7,76.7
70	2.908	2.941	2.890	2.723	2.674	2.736	2.840	2.859	60- 70	3.554	25.88	88.9,88.9
80	1.455	1.451	1.379	1.217	1.153	1.235	1.365	1.401	70- 80	2.177	28.06	96.4,96.4
90	0.1847	0.1549	0.0997	0.1075	0.0784	0.0945	0.0739	0.1000	80- 90	0.7055	28.76	98.8,98.8
100	0.0210	0.0813	0.0997	0.0498	0	0.0341	0.0682	0.0263	90-100	0.0635	28.82	99,99
110	0.0210	0.0839	0.0892	0.0525	0	0.0367	0.0682	0.0315	100-110	0.0514	28.88	99.2,99.2
120	0.0210	0.0839	0.0892	0.0604	0.0158	0.0367	0.0682	0.0367	110-120	0.0506	28.93	99.3,99.3
130	0.0418	0.0839	0.0892	0.0630	0.0367	0.0367	0.0682	0.0367	120-130	0.0485	28.97	99.5,99.5
140	0.0577	0.0839	0.0892	0.0630	0.0525	0.0472	0.0682	0.0446	130-140	0.0460	29.02	99.7,99.7
150	0.0577	0.0839	0.0892	0.0630	0.0630	0.0551	0.0682	0.0551	140-150	0.0410	29.06	99.8,99.8
160	0.0577	0.0839	0.0892	0.0630	0.0630	0.0551	0.0682	0.0551	150-160	0.0306	29.09	99.9,99.9
170	0.0577	0.0839	0.0892	0.0630	0.0630	0.0629	0.0682	0.0551	160-170	0.0188	29.11	100,100
180	0.0577	0.0787	0.0892	0.0630	0.0630	0.0630	0.0682	0.0603	170-180	0.0064	29.12	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5447	4441
80	5077	4811
75	5054	4973
70	5153	5120
65	5269	5258
60	5376	5378
55	5490	5498
50	5587	5599
45	5690	5688

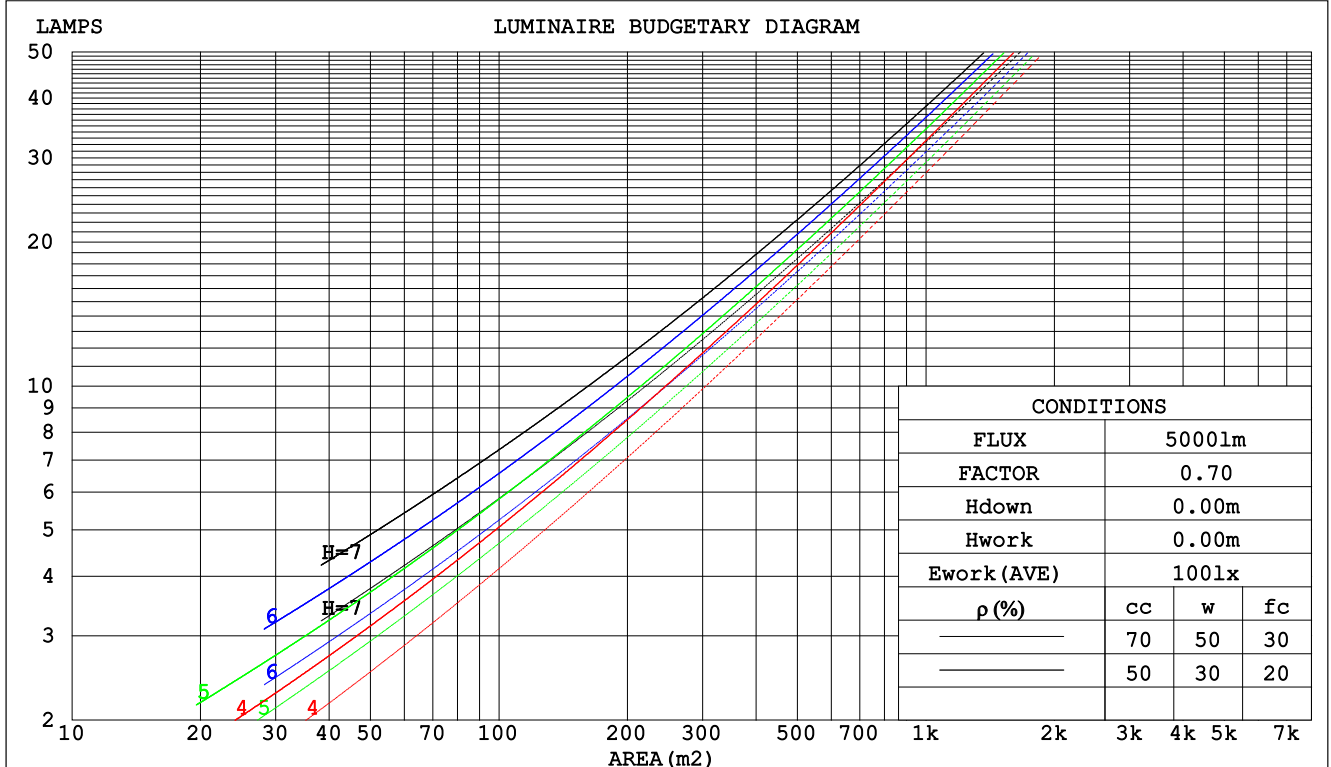
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-04-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.80	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.36	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-04-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm					
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B			TYPE: 硅胶		WEIGHT:
DIM.: 16.5MM*16.5MM			SPEC.:		SERIAL No.:2024004005
MFR.: OLYMPIA			SUR.:1.0*0.0165		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	.318	.181	.057	.310	.177	.056	.296	.170	.054	.283	.163	.052	.271	.157	.051		
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.255	.144	.045		
3.0	.273	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.236	.131	.040		
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.218	.119	.036		
5.0	.232	.118	.034	.227	.116	.034	.218	.114	.033	.210	.111	.033	.203	.108	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.195	.101	.030	.189	.099	.029		
7.0	.199	.099	.028	.196	.097	.028	.189	.095	.027	.182	.093	.027	.176	.091	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.086	.025	.165	.085	.025		
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.165	.143	.163	.142	.123	.111	.098	.085	.064	.057	.050	.021	.018	.016	
2.0	.182	.141	.107	.156	.122	.092	.107	.084	.064	.062	.049	.038	.020	.016	.012	
3.0	.175	.124	.083	.150	.107	.072	.103	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.167	.111	.068	.143	.096	.059	.098	.067	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.100	.057	.137	.087	.049	.094	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.152	.092	.049	.131	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.043	.125	.074	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.119	.069	.033	.083	.048	.024	.048	.028	.014	.016	.009	.005	
9.0	.133	.074	.035	.114	.064	.030	.079	.045	.022	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.109	.061	.028	.076	.043	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.400m [K=1.0000]  
 Remarks:

## Uncorrected UGR Table

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm										
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B					TYPE:硅胶			WEIGHT:		
DIM.: 16.5MM*16.5MM					SPEC.:			SERIAL No.:2024004005		
MFR.: OLYMPIA					SUR.:1.0*0.0165			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	18.8	20.3	19.0	20.5	20.7	18.8	20.3	19.1	20.5	20.8
3H	20.4	21.8	20.7	22.1	22.3	20.4	21.8	20.7	22.1	22.3
4H	21.1	22.4	21.4	22.7	23.0	21.1	22.4	21.4	22.7	23.0
6H	21.7	22.9	22.0	23.2	23.5	21.7	22.9	22.0	23.2	23.5
8H	21.9	23.1	22.3	23.4	23.8	21.9	23.1	22.2	23.4	23.7
12H	22.1	23.3	22.5	23.6	23.9	22.0	23.2	22.4	23.5	23.8
4H 2H	19.4	20.7	19.7	21.0	21.3	19.4	20.8	19.8	21.0	21.3
3H	21.2	22.4	21.6	22.7	23.1	21.3	22.4	21.6	22.7	23.1
4H	22.1	23.1	22.5	23.5	23.9	22.1	23.2	22.5	23.5	23.9
6H	22.8	23.8	23.2	24.1	24.5	22.8	23.7	23.2	24.1	24.5
8H	23.1	24.0	23.6	24.4	24.8	23.1	24.0	23.5	24.3	24.8
12H	23.4	24.2	23.8	24.6	25.0	23.3	24.1	23.7	24.5	24.9
8H 4H	22.4	23.3	22.8	23.7	24.1	22.4	23.3	22.9	23.7	24.1
6H	23.3	24.1	23.8	24.5	24.9	23.3	24.0	23.8	24.5	24.9
8H	23.7	24.4	24.2	24.8	25.3	23.7	24.3	24.2	24.8	25.3
12H	24.1	24.7	24.6	25.2	25.7	24.0	24.6	24.5	25.0	25.5
12H 4H	22.4	23.3	22.9	23.7	24.1	22.5	23.3	22.9	23.7	24.1
6H	23.4	24.1	23.9	24.5	25.0	23.4	24.1	23.9	24.5	25.0
8H	23.9	24.5	24.4	24.9	25.4	23.8	24.4	24.3	24.9	25.4
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	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 29.12 lm Total Lamp Luminous Flux. (8log(F/F0) = -12.3)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.400m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

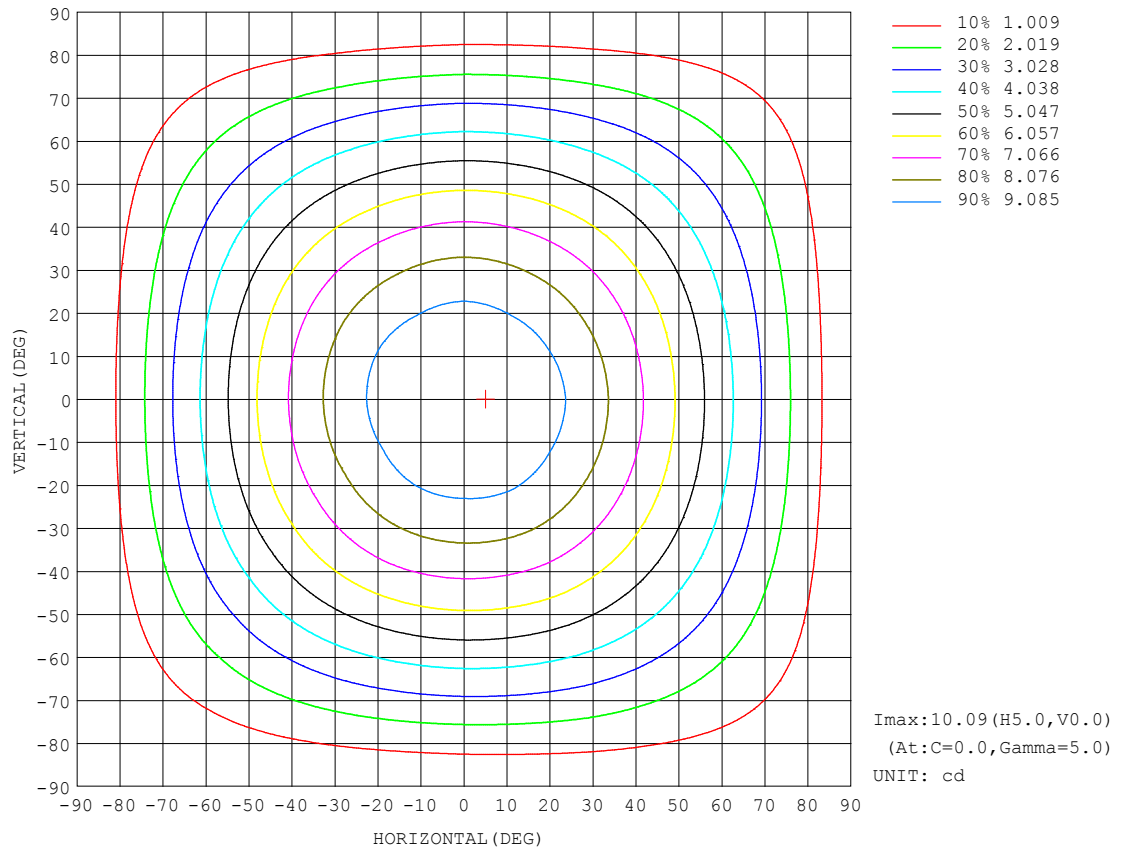
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	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:  
Test Date:2024-04-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

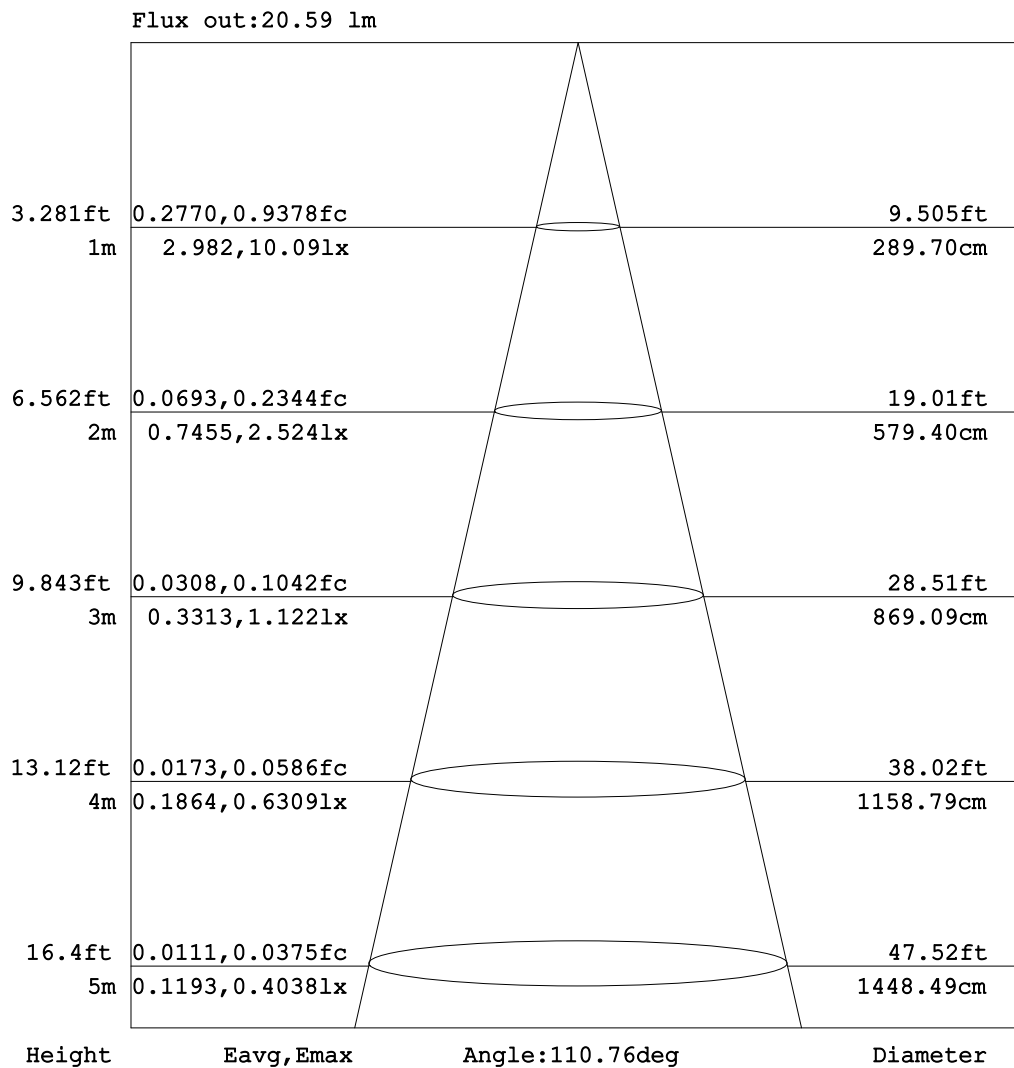


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-04-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



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

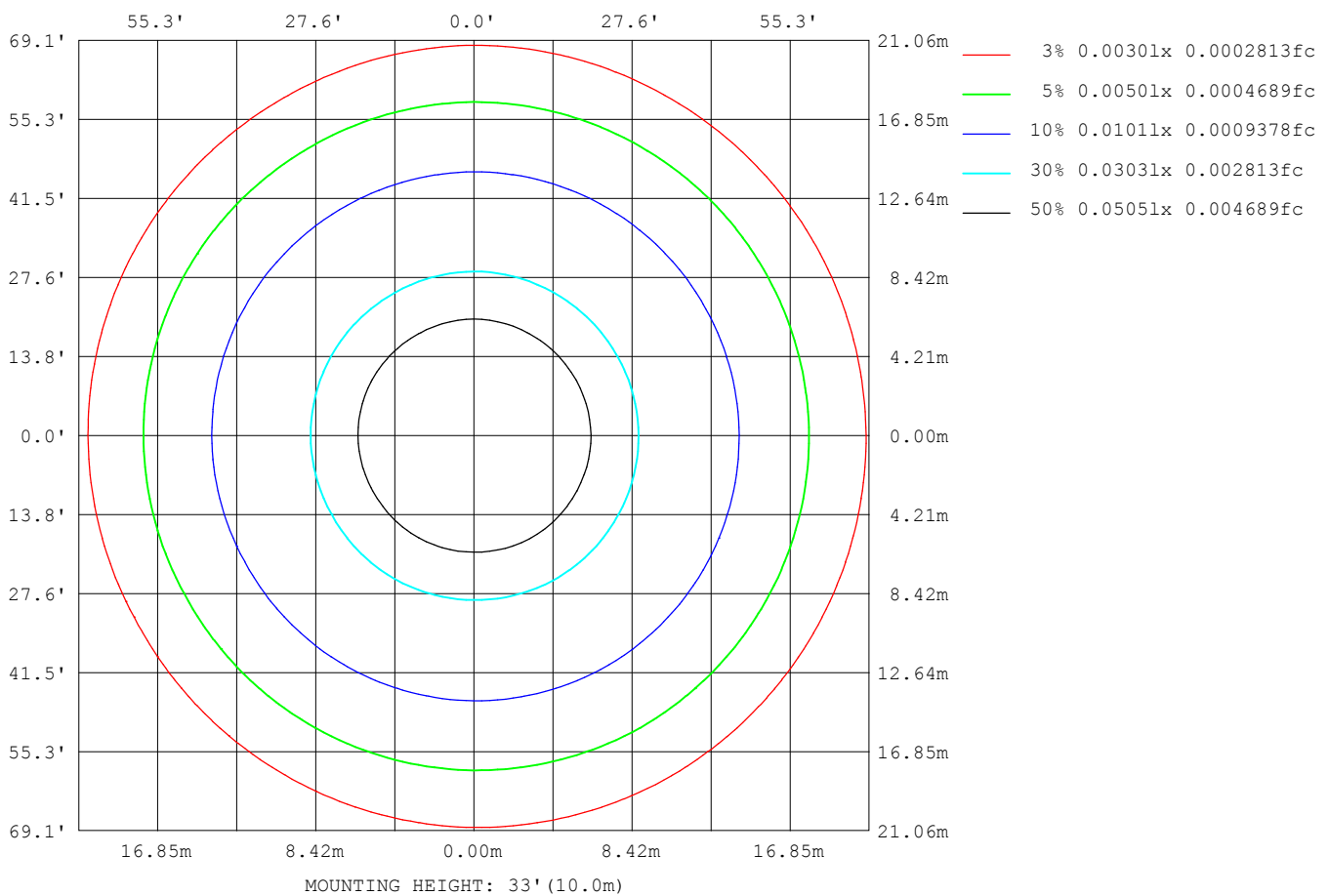
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-04-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.400m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

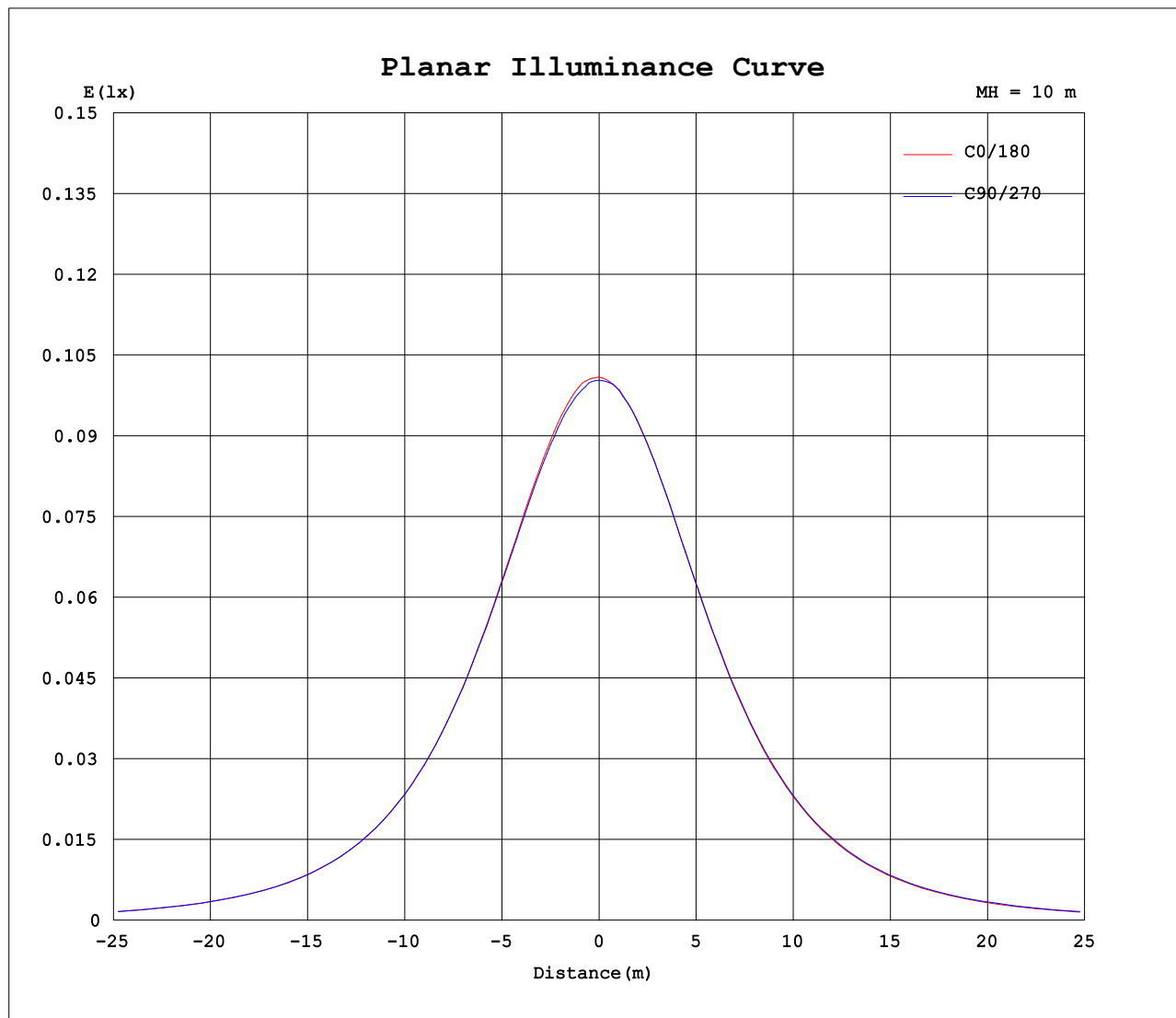
Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-04-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-04-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.400m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2000A P:4.800W PF:1.000 Lamp Flux:29.1172x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	10.1	10.0	10.0	10.0	10.0	10.0	10.1	10.0	10.0	10.0	10.0	10.0						
5	10.1	10.0	10.0	9.97	10.0	9.94	10.0	10.1	9.97	10.0	9.95	10.0						
10	9.94	9.88	9.91	9.85	9.86	9.79	9.87	9.90	9.84	9.87	9.81	9.86						
15	9.71	9.65	9.70	9.62	9.64	9.56	9.63	9.65	9.61	9.64	9.60	9.63						
20	9.38	9.34	9.38	9.31	9.31	9.23	9.30	9.32	9.27	9.31	9.26	9.29						
25	8.97	8.93	8.98	8.91	8.90	8.82	8.88	8.89	8.84	8.89	8.85	8.88						
30	8.47	8.46	8.50	8.43	8.42	8.34	8.38	8.39	8.36	8.41	8.37	8.39						
35	7.91	7.92	7.95	7.88	7.86	7.77	7.81	7.82	7.80	7.85	7.82	7.84						
40	7.29	7.30	7.34	7.28	7.23	7.14	7.18	7.18	7.17	7.23	7.20	7.23						
45	6.64	6.66	6.69	6.64	6.57	6.49	6.50	6.52	6.51	6.58	6.55	6.58						
50	5.93	5.95	5.98	5.94	5.85	5.76	5.77	5.80	5.79	5.86	5.84	5.88						
55	5.20	5.23	5.25	5.20	5.10	4.99	5.02	5.04	5.05	5.11	5.12	5.14						
60	4.43	4.47	4.49	4.44	4.34	4.25	4.25	4.28	4.28	4.36	4.36	4.39						
65	3.67	3.70	3.72	3.67	3.56	3.46	3.47	3.50	3.52	3.61	3.60	3.63						
70	2.91	2.93	2.95	2.89	2.78	2.67	2.67	2.72	2.75	2.84	2.85	2.87						
75	2.16	2.17	2.19	2.12	2.02	1.89	1.90	1.95	1.99	2.09	2.09	2.12						
80	1.45	1.45	1.45	1.38	1.28	1.16	1.15	1.21	1.26	1.37	1.38	1.42						
85	0.78	0.78	0.74	0.64	0.54	0.42	0.44	0.49	0.52	0.65	0.68	0.75						
90	0.18	0.15	0.16	0.10	0.13	0.08	0.08	0.14	0.05	0.07	0.06	0.14						
95	0.02	0.06	0.10	0.10	0.07	0.03	0.00	0.04	0.05	0.07	0.04	0.01						
100	0.02	0.06	0.10	0.10	0.07	0.03	0.00	0.01	0.06	0.07	0.05	0.01						
105	0.02	0.06	0.10	0.09	0.07	0.04	0.00	0.01	0.06	0.07	0.05	0.01						
110	0.02	0.07	0.10	0.09	0.06	0.04	0.00	0.01	0.06	0.07	0.06	0.01						
115	0.02	0.07	0.10	0.09	0.06	0.05	0.01	0.01	0.06	0.07	0.06	0.01						
120	0.02	0.07	0.10	0.09	0.06	0.06	0.02	0.01	0.06	0.07	0.07	0.01						
125	0.02	0.07	0.10	0.09	0.06	0.06	0.02	0.01	0.06	0.07	0.07	0.01						
130	0.04	0.07	0.10	0.09	0.06	0.06	0.04	0.01	0.06	0.07	0.07	0.01						
135	0.06	0.07	0.10	0.09	0.06	0.06	0.05	0.02	0.06	0.07	0.07	0.01						
140	0.06	0.07	0.10	0.09	0.06	0.06	0.05	0.03	0.06	0.07	0.07	0.02						
145	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.05	0.06	0.07	0.07	0.04						
150	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.05	0.06	0.07	0.07	0.04						
155	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.05	0.06	0.07	0.07	0.04						
160	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.05	0.06	0.07	0.07	0.04						
165	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.05	0.06	0.07	0.07	0.04						
170	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.04						
175	0.06	0.07	0.10	0.09	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.04						
180	0.06	0.07	0.09	0.09	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.05						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-04-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [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	10.09	10.05	10.03	10.03	10.01	10.02	10.09	10.05	10.03	10.03
3.0	10.09	10.04	10.03	10.03	10.01	9.968	10.05	10.05	10.03	10.03
6.0	10.07	10.000	10.03	9.953	9.990	9.911	10.02	10.03	9.953	10.00
9.0	9.985	9.931	9.943	9.874	9.901	9.837	9.921	9.932	9.874	9.906
12.0	9.864	9.806	9.838	9.763	9.780	9.706	9.784	9.801	9.742	9.780
15.0	9.712	9.653	9.696	9.622	9.639	9.559	9.632	9.654	9.606	9.638
18.0	9.523	9.480	9.518	9.448	9.450	9.370	9.443	9.455	9.406	9.445
21.0	9.308	9.270	9.303	9.234	9.240	9.160	9.217	9.235	9.186	9.230
24.0	9.057	9.023	9.062	9.008	8.988	8.924	8.971	8.983	8.934	8.988
27.0	8.779	8.766	8.795	8.735	8.721	8.640	8.682	8.695	8.661	8.705
30.0	8.469	8.462	8.501	8.431	8.417	8.336	8.378	8.390	8.357	8.406
33.0	8.144	8.147	8.181	8.126	8.081	8.000	8.042	8.060	8.031	8.076
36.0	7.792	7.785	7.834	7.780	7.735	7.643	7.685	7.693	7.674	7.734
39.0	7.420	7.428	7.468	7.407	7.363	7.265	7.307	7.315	7.302	7.357
42.0	7.032	7.045	7.079	7.030	6.979	6.888	6.919	6.942	6.919	6.974
45.0	6.639	6.657	6.691	6.636	6.570	6.494	6.504	6.523	6.510	6.575
48.0	6.219	6.232	6.276	6.216	6.145	6.048	6.074	6.087	6.079	6.134
51.0	5.784	5.807	5.836	5.791	5.705	5.618	5.633	5.647	5.649	5.720
54.0	5.338	5.366	5.400	5.350	5.259	5.156	5.177	5.211	5.198	5.253
57.0	4.891	4.910	4.944	4.889	4.792	4.710	4.720	4.718	4.741	4.823
60.0	4.435	4.474	4.493	4.437	4.340	4.248	4.248	4.277	4.285	4.356
63.0	3.984	4.002	4.036	3.981	3.874	3.766	3.776	3.800	3.828	3.915
66.0	3.522	3.551	3.569	3.509	3.402	3.299	3.304	3.328	3.367	3.448
69.0	3.060	3.079	3.108	3.047	2.940	2.821	2.831	2.871	2.894	2.992
72.0	2.604	2.617	2.646	2.590	2.473	2.349	2.364	2.394	2.438	2.546
75.0	2.158	2.166	2.190	2.124	2.016	1.893	1.898	1.953	1.987	2.090
78.0	1.717	1.720	1.738	1.673	1.570	1.452	1.452	1.512	1.551	1.654
81.0	1.318	1.305	1.308	1.226	1.130	1.017	1.006	1.071	1.111	1.224
84.0	0.9145	0.9065	0.8779	0.7908	0.6840	0.5549	0.5651	0.6153	0.6698	0.7884
87.0	0.5261	0.5184	0.4789	0.3505	0.2743	0.1989	0.2093	0.2580	0.2455	0.3528
90.0	0.1847	0.1515	0.1583	0.0997	0.1313	0.0837	0.0784	0.1366	0.0525	0.0739
93.0	0.0265	0.0577	0.1049	0.0997	0.0893	0.0367	0.0415	0.0841	0.0525	0.0682
96.0	0.0210	0.0630	0.0997	0.0997	0.0735	0.0262	0	0.0264	0.0525	0.0682
99.0	0.0210	0.0630	0.0997	0.0997	0.0735	0.0262	0	0.0157	0.0577	0.0682
102.0	0.0210	0.0630	0.0997	0.0997	0.0682	0.0315	0	0.0105	0.0577	0.0682
105.0	0.0210	0.0630	0.0997	0.0944	0.0682	0.0419	0	0.0105	0.0630	0.0682
108.0	0.0210	0.0682	0.0997	0.0892	0.0630	0.0472	0	0.0105	0.0630	0.0682
111.0	0.0210	0.0682	0.0997	0.0892	0.0630	0.0420	0.0001	0.0105	0.0630	0.0682
114.0	0.0210	0.0682	0.0997	0.0892	0.0630	0.0525	0.0157	0.0105	0.0630	0.0682
117.0	0.0210	0.0682	0.0997	0.0892	0.0630	0.0525	0.0106	0.0105	0.0630	0.0682
120.0	0.0210	0.0682	0.0997	0.0892	0.0630	0.0578	0.0158	0.0105	0.0630	0.0682
123.0	0.0210	0.0682	0.0997	0.0892	0.0630	0.0630	0.0210	0.0105	0.0630	0.0682
126.0	0.0262	0.0682	0.0997	0.0892	0.0630	0.0630	0.0262	0.0105	0.0630	0.0682
129.0	0.0315	0.0682	0.0997	0.0892	0.0630	0.0630	0.0315	0.0105	0.0630	0.0682
132.0	0.0523	0.0682	0.0997	0.0892	0.0630	0.0630	0.0472	0.0105	0.0630	0.0682
135.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0524	0.0157	0.0630	0.0682
138.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0525	0.0210	0.0630	0.0682
141.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0577	0.0419	0.0630	0.0682
144.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0682	0.0472	0.0630	0.0682
147.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
150.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
153.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
156.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
159.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
162.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
165.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0472	0.0630	0.0682
168.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0524	0.0630	0.0682
171.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0630	0.0630	0.0682
174.0	0.0577	0.0682	0.0997	0.0892	0.0630	0.0630	0.0630	0.0630	0.0630	0.0682
177.0	0.0577	0.0682	0.0892	0.0892	0.0630	0.0630	0.0630	0.0630	0.0630	0.0682
180.0	0.0577	0.0682	0.0892	0.0892	0.0630	0.0630	0.0630	0.0630	0.0630	0.0682
G/C	300.0	330.0								
0.0	10.01	10.02								
3.0	9.979	10.01								
6.0	9.937	9.984								
9.0	9.853	9.895								
12.0	9.721	9.764								
15.0	9.595	9.628								
18.0	9.401	9.434								
21.0	9.181	9.214								
24.0	8.939	8.972								
27.0	8.671	8.695								
30.0	8.367	8.385								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024-04-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.400m [K=1.0000]  
 Remarks:

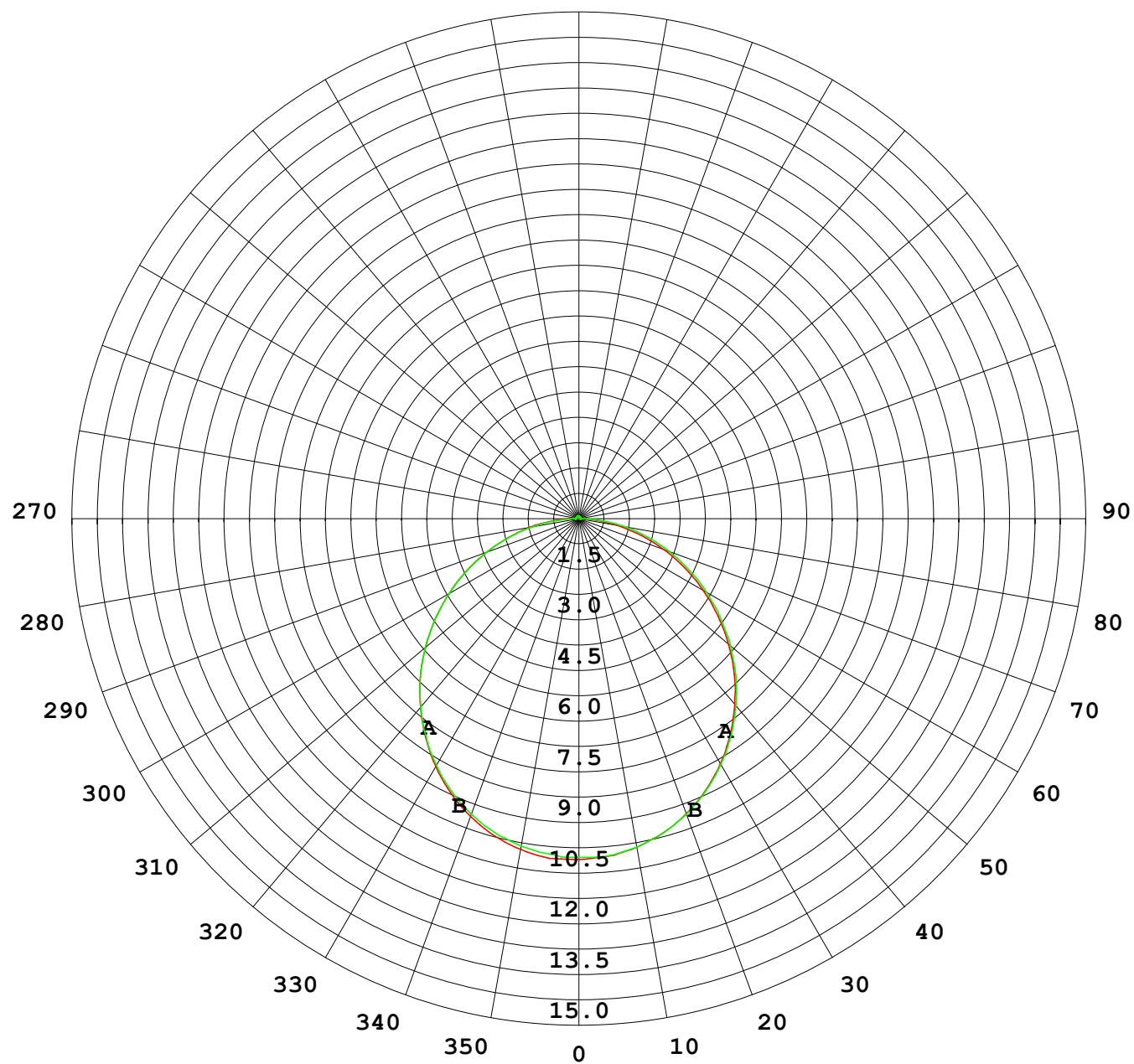
## Photometric Data Table [cd]

33.0	8.047	8.070
36.0	7.695	7.719
39.0	7.328	7.352
42.0	6.956	6.984
45.0	6.551	6.575
48.0	6.142	6.150
51.0	5.707	5.720
54.0	5.256	5.285
57.0	4.815	4.828
60.0	4.358	4.387
63.0	3.912	3.936
66.0	3.456	3.469
69.0	2.994	3.029
72.0	2.538	2.577
75.0	2.092	2.121
78.0	1.646	1.685
81.0	1.226	1.297
84.0	0.8064	0.8722
87.0	0.4079	0.4996
90.0	0.0628	0.1372
93.0	0.0420	0.0106
96.0	0.0472	0.0052
99.0	0.0472	0.0052
102.0	0.0525	0.0052
105.0	0.0525	0.0052
108.0	0.0577	0.0052
111.0	0.0577	0.0052
114.0	0.0630	0.0052
117.0	0.0630	0.0052
120.0	0.0682	0.0052
123.0	0.0682	0.0052
126.0	0.0682	0.0052
129.0	0.0682	0.0052
132.0	0.0682	0.0052
135.0	0.0682	0.0105
138.0	0.0682	0.0262
141.0	0.0682	0.0210
144.0	0.0682	0.0419
147.0	0.0682	0.0367
150.0	0.0682	0.0420
153.0	0.0682	0.0420
156.0	0.0682	0.0420
159.0	0.0682	0.0420
162.0	0.0682	0.0420
165.0	0.0682	0.0420
168.0	0.0682	0.0420
171.0	0.0682	0.0420
174.0	0.0682	0.0420
177.0	0.0682	0.0472
180.0	0.0682	0.0525

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-04-09

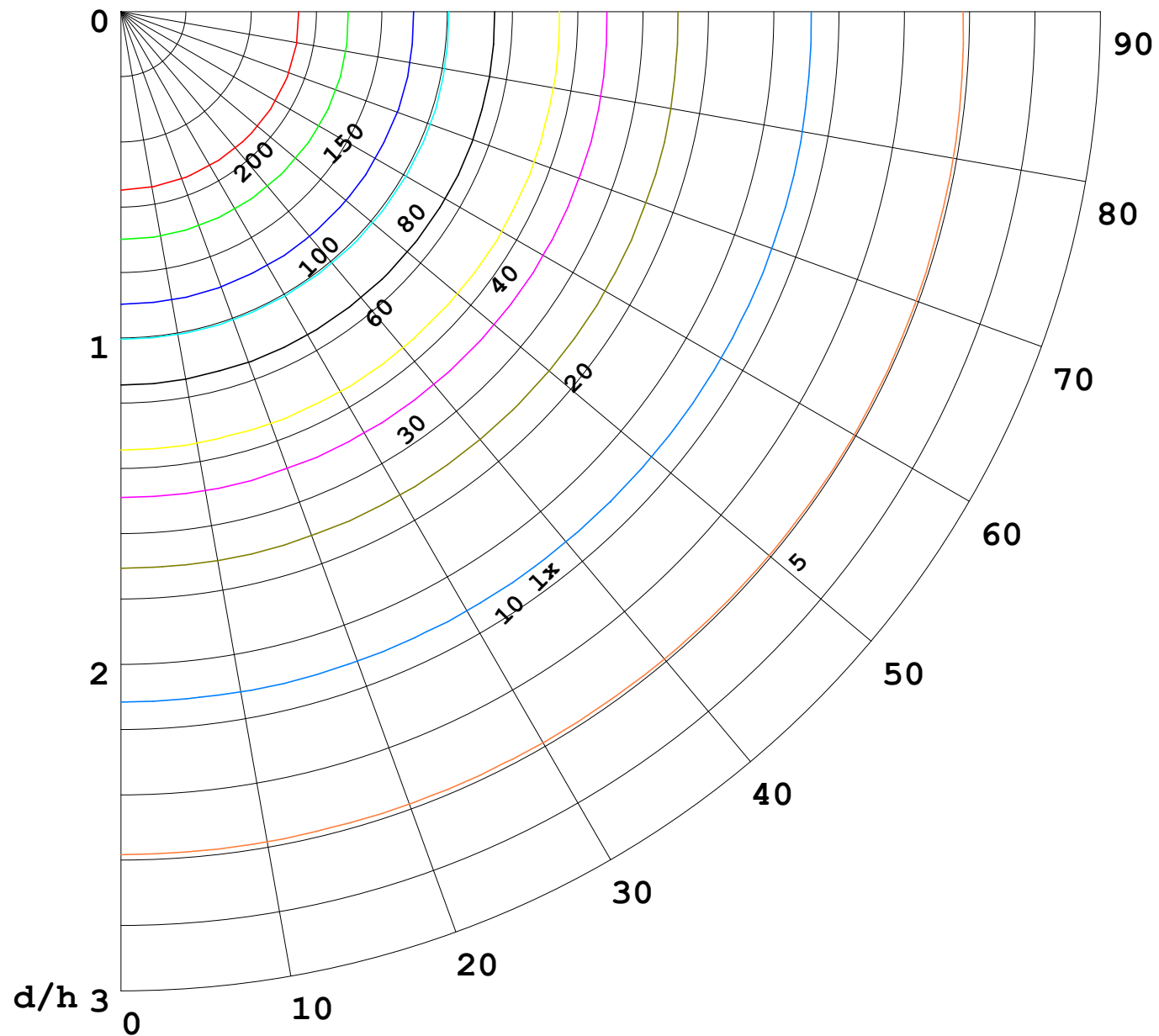
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.400m [K=1.0000]  
Remarks:

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

