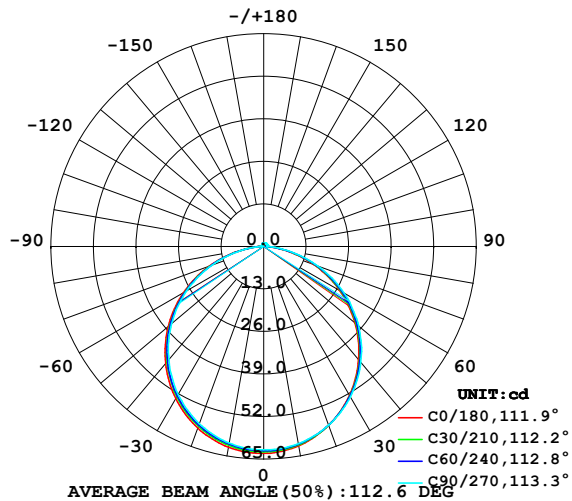


## LUMINAIRE PHOTOMETRIC TEST REPORT

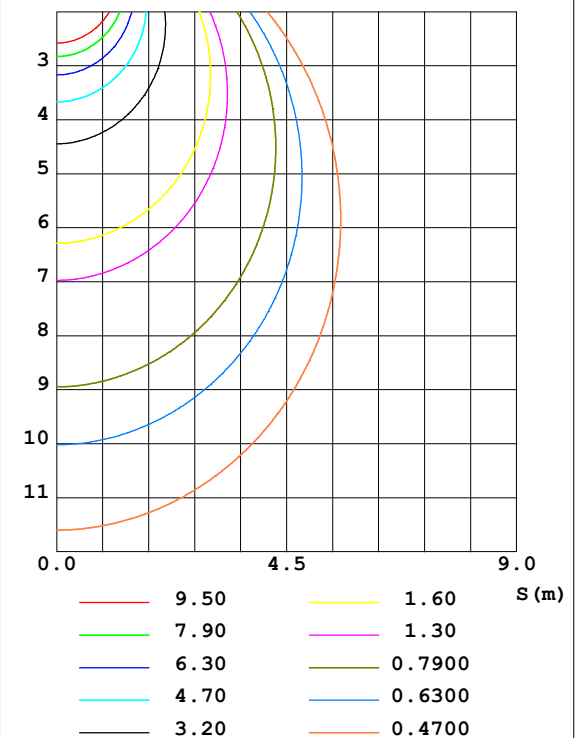
Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm		
NAME: SF17-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309011
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.60 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	63.23	S/MH (C0/180)	1.24
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	183.32	η UP, DN (C0-180)	1.6, 48.8
NOMINAL FLUX (lm)	183.32	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.4
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	97.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



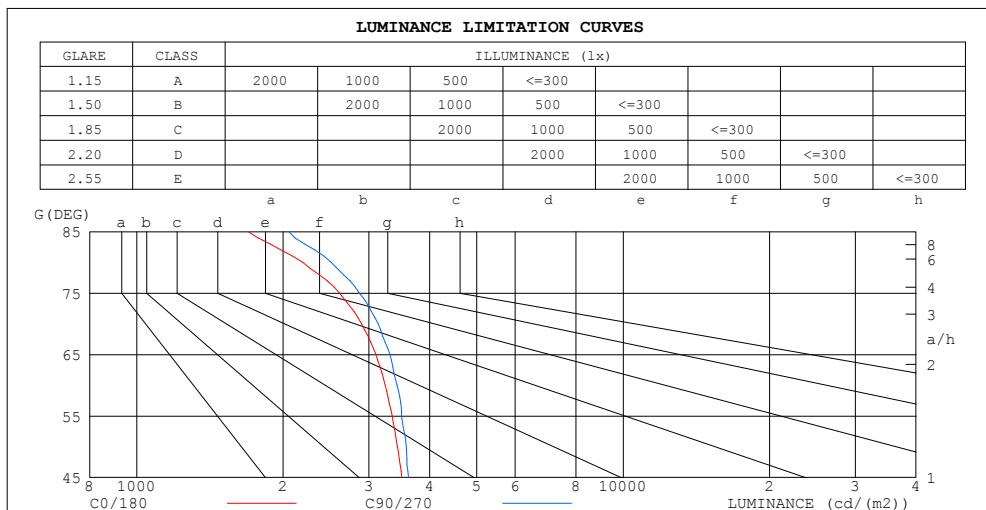
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [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	61.83	61.47	61.19	60.90	62.25	61.53	60.98	60.55	0- 10	5.902	5.902	3.22,3.22
20	58.15	58.10	58.11	57.81	59.03	58.25	57.63	57.07	10- 20	16.90	22.80	12.4,12.4
30	52.50	52.73	53.05	52.70	53.73	52.95	52.27	51.63	20- 30	25.59	48.39	26.4,26.4
40	45.15	45.63	46.19	45.83	46.67	45.87	45.14	44.53	30- 40	30.84	79.23	43.2,43.2
50	36.44	37.12	37.98	37.49	38.08	37.41	36.81	36.13	40- 50	32.01	111.2	60.7,60.7
60	26.74	27.47	28.30	27.91	28.39	27.72	27.25	26.64	50- 60	28.97	140.2	76.5,76.5
70	16.35	16.98	17.68	17.46	17.80	17.27	16.86	16.42	60- 70	22.11	162.3	88.5,88.5
80	6.282	6.686	7.189	7.103	7.332	6.872	6.572	6.366	70- 80	12.48	174.8	95.3,95.4
90	0.6803	0.8623	1.050	0.9173	0.7317	0.6514	0.7393	0.5358	80- 90	3.335	178.1	97.2,97.2
100	0.5628	0.8519	1.106	0.7590	0.3469	0.5051	0.7237	0.5051	90-100	0.7198	178.9	97.6,97.6
110	0.6633	0.9248	1.131	0.8117	0.4524	0.5905	0.7589	0.5905	100-110	0.7420	179.6	98,98
120	0.7589	0.9826	1.131	0.8770	0.5580	0.6759	0.7790	0.6685	110-120	0.7641	180.4	98.4,98.4
130	0.8392	1.040	1.141	0.9072	0.6836	0.7589	0.8393	0.7489	120-130	0.7495	181.1	98.8,98.8
140	0.9197	1.076	1.156	0.9825	0.8042	0.8544	0.9196	0.8468	130-140	0.7002	181.8	99.2,99.2
150	0.9951	1.123	1.176	1.058	0.9249	0.9624	0.9849	0.9348	140-150	0.6144	182.4	99.5,99.5
160	1.065	1.146	1.176	1.111	1.040	1.040	1.035	1.015	150-160	0.4842	182.9	99.8,99.8
170	1.121	1.159	1.161	1.126	1.126	1.108	1.086	1.081	160-170	0.3113	183.2	99.9,99.9
180	1.151	1.163	1.161	1.141	1.141	1.148	1.146	1.121	170-180	0.1079	183.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1693	2054
80	2192	2509
75	2612	2869
70	2898	3133
65	3100	3315
60	3241	3430
55	3349	3503
50	3436	3581
45	3510	3621

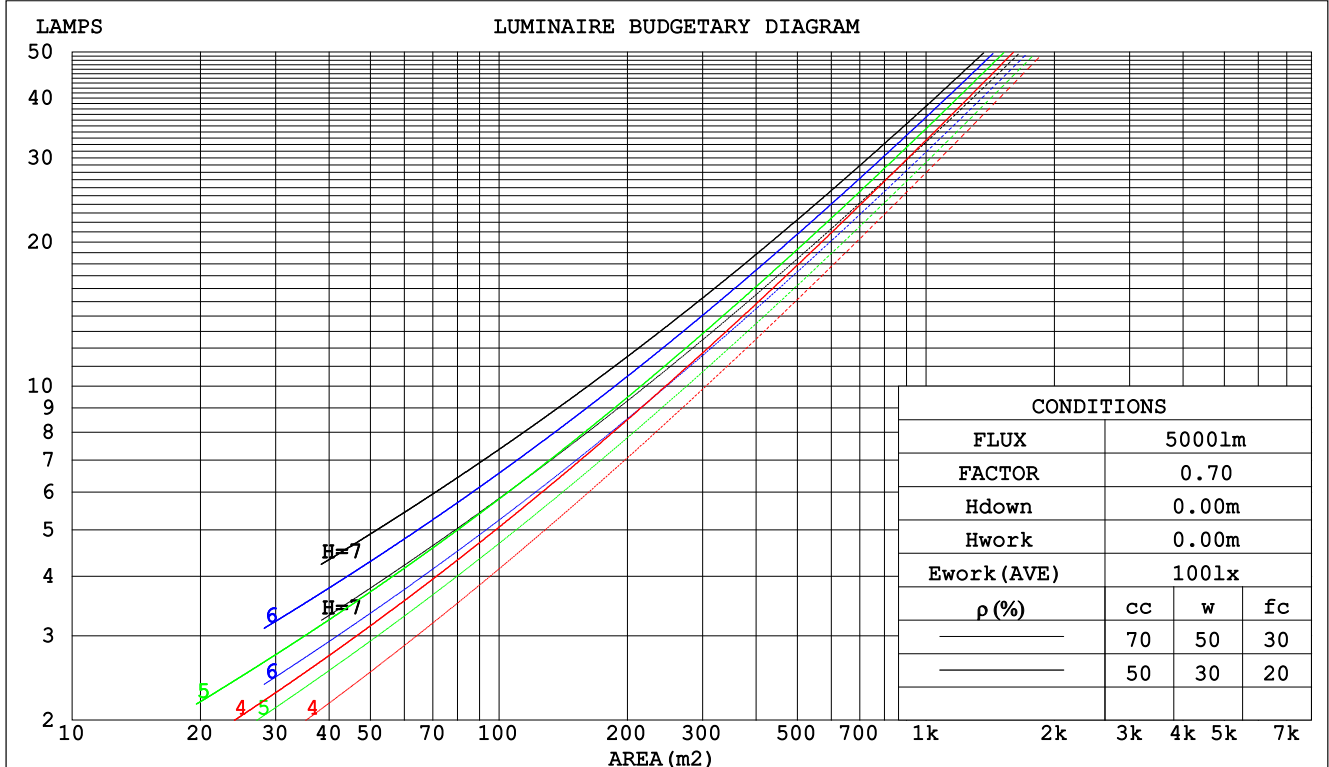
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm		
NAME: SF17-24V-5050-70-DMX3-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309011
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	1.18	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	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.85	.84	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.63	.57	.52	.60	.55	.51	.48
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm					
NAME: SF17-24V-5050-70-DMX3-RGB-总			TYPE:硅胶		WEIGHT:
DIM.: 16.5MM*16.5MM			SPEC.:		SERIAL No.:202309011
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	.309	.175	.056	.301	.171	.054	.286	.164	.052	.272	.157	.050	.259	.150	.048	
2.0	.290	.159	.049	.283	.156	.048	.270	.150	.047	.258	.145	.045	.247	.140	.044	
3.0	.269	.143	.043	.263	.141	.042	.251	.136	.041	.240	.132	.040	.230	.127	.039	
4.0	.248	.129	.038	.243	.127	.038	.232	.123	.037	.222	.119	.036	.213	.116	.035	
5.0	.229	.117	.034	.224	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032	
6.0	.213	.107	.031	.208	.105	.030	.200	.102	.030	.192	.100	.029	.185	.097	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.179	.092	.027	.173	.090	.026	
8.0	.185	.090	.025	.181	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.073	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.202	.178	.156	.173	.153	.134	.118	.105	.093	.068	.061	.054	.022	.020	.017	
2.0	.194	.154	.120	.166	.132	.104	.114	.092	.072	.066	.053	.042	.021	.017	.014	
3.0	.186	.136	.096	.160	.118	.084	.110	.082	.059	.063	.048	.035	.020	.015	.011	
4.0	.179	.123	.081	.153	.106	.070	.105	.074	.049	.061	.043	.029	.020	.014	.010	
5.0	.171	.113	.070	.147	.098	.060	.101	.068	.043	.059	.040	.025	.019	.013	.008	
6.0	.164	.104	.062	.141	.090	.054	.097	.063	.038	.056	.037	.023	.018	.012	.007	
7.0	.157	.098	.056	.135	.085	.048	.094	.059	.034	.054	.035	.020	.018	.011	.007	
8.0	.151	.092	.051	.130	.080	.045	.090	.056	.032	.052	.033	.019	.017	.011	.006	
9.0	.145	.087	.048	.125	.075	.042	.087	.053	.030	.050	.031	.018	.016	.010	.006	
10.0	.139	.083	.045	.120	.072	.039	.083	.050	.028	.049	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-09-19

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

### Uncorrected UGR Table

Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm											
NAME: SF17-24V-5050-70-DMX3-RGB-总						TYPE:硅胶		WEIGHT:			
DIM.: 16.5MM*16.5MM						SPEC.:		SERIAL No.:202309011			
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	16.9	18.4	17.2	18.7	18.9	17.1	18.6	17.4	18.8	19.1	
	3H	18.4	19.8	18.7	20.0	20.3	18.6	20.0	19.0	20.3	
	4H	18.9	20.2	19.3	20.5	20.9	19.2	20.5	19.6	20.8	
	6H	19.3	20.5	19.7	20.8	21.2	19.6	20.9	20.0	21.2	
	8H	19.4	20.6	19.8	20.9	21.2	19.8	20.9	20.1	21.3	
	12H	19.4	20.6	19.8	20.9	21.3	19.8	21.0	20.2	21.3	
4H	2H	17.5	18.8	17.9	19.1	19.5	17.7	19.0	18.0	19.3	
	3H	19.2	20.3	19.6	20.7	21.0	19.4	20.5	19.8	20.9	
	4H	19.9	20.9	20.3	21.3	21.7	20.1	21.1	20.5	21.5	
	6H	20.3	21.2	20.8	21.6	22.1	20.6	21.5	21.1	21.9	
	8H	20.5	21.3	20.9	21.7	22.2	20.8	21.6	21.2	22.1	
	12H	20.5	21.3	21.0	21.7	22.2	20.9	21.7	21.4	22.1	
8H	4H	20.1	21.0	20.6	21.4	21.8	20.3	21.2	20.8	21.6	
	6H	20.7	21.4	21.2	21.9	22.4	21.0	21.7	21.5	22.1	
	8H	20.9	21.5	21.4	22.0	22.5	21.2	21.8	21.7	22.3	
	12H	21.1	21.6	21.6	22.1	22.6	21.4	21.9	21.9	22.4	
12H	4H	20.1	20.9	20.6	21.3	21.8	20.3	21.1	20.8	21.6	
	6H	20.8	21.4	21.3	21.9	22.4	21.0	21.6	21.5	22.1	
	8H	21.0	21.5	21.5	22.0	22.6	21.3	21.8	21.8	22.3	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 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 183.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.9)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

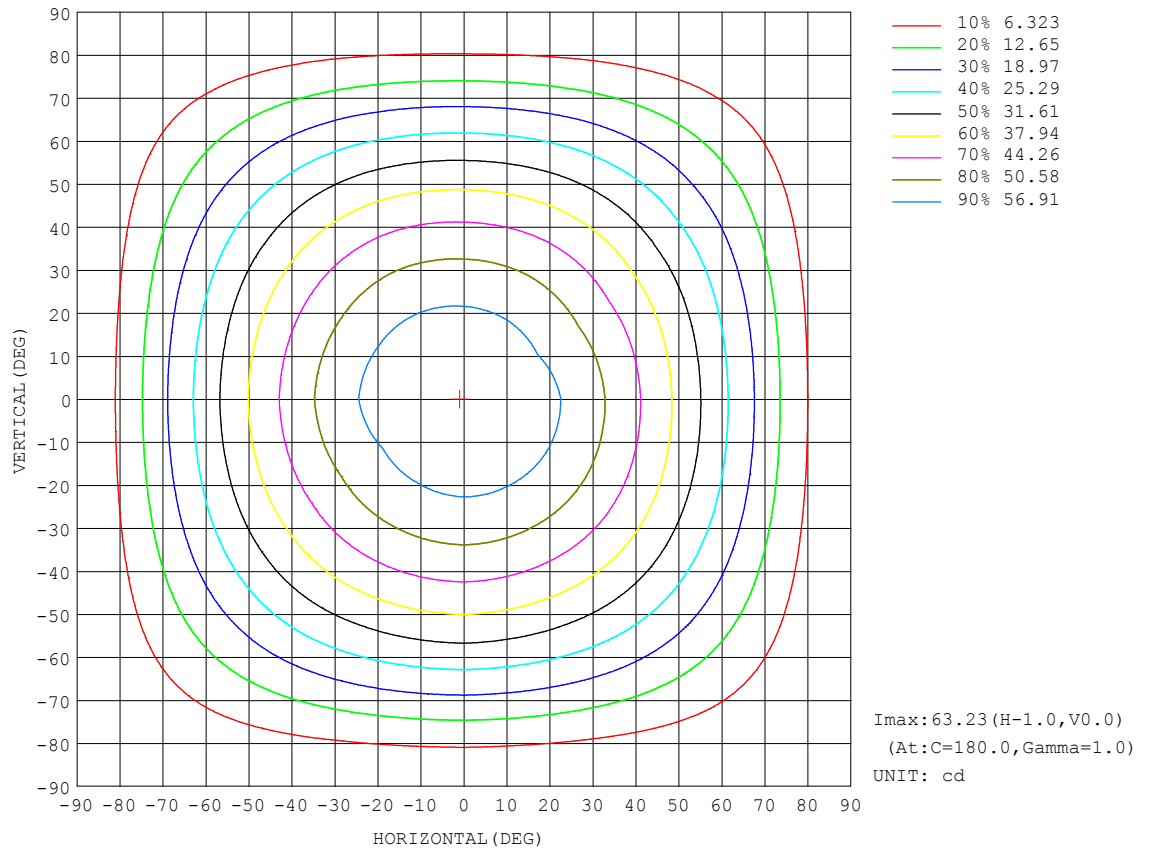
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm		
NAME: SF17-24V-5050-70-DMX3-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309011
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

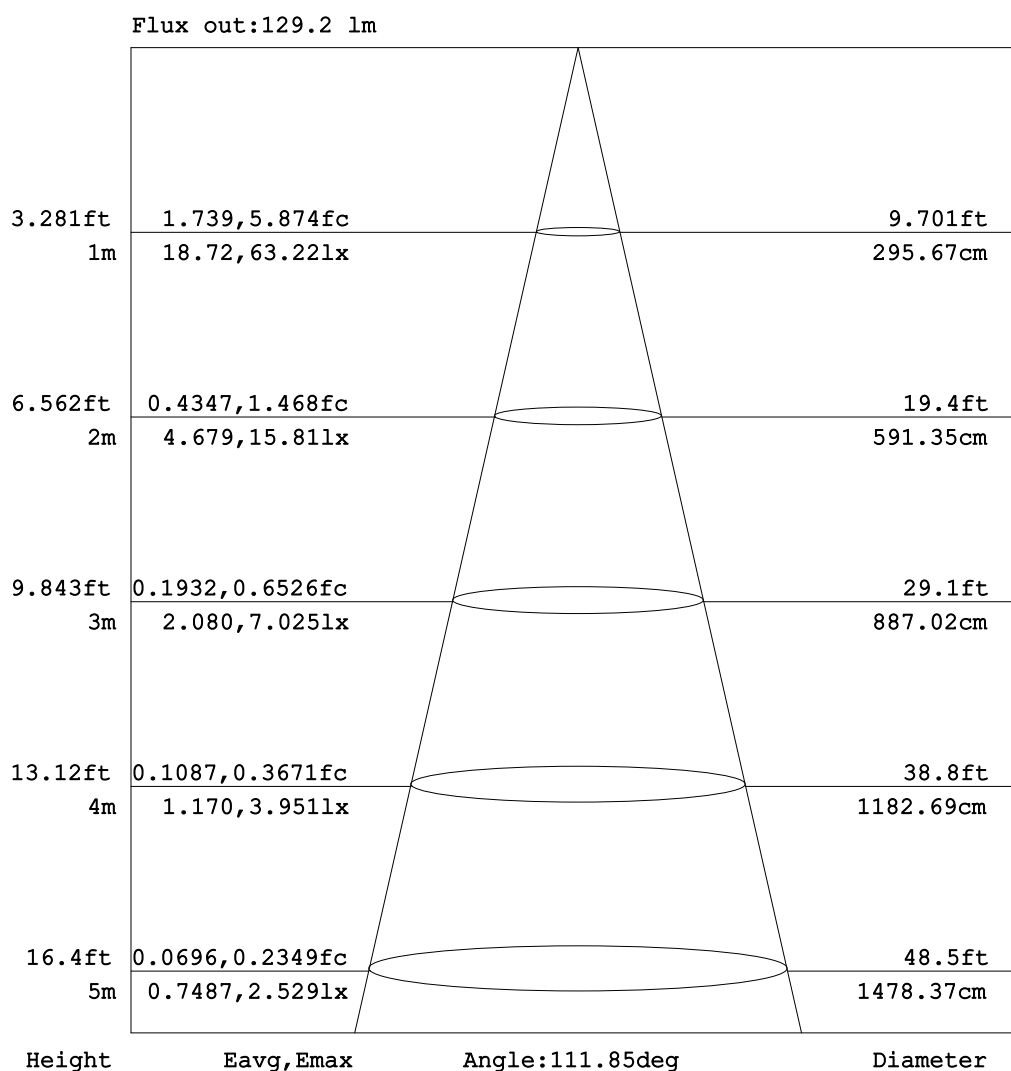


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-09-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm		
NAME: SF17-24V-5050-70-DMX3-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309011
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.

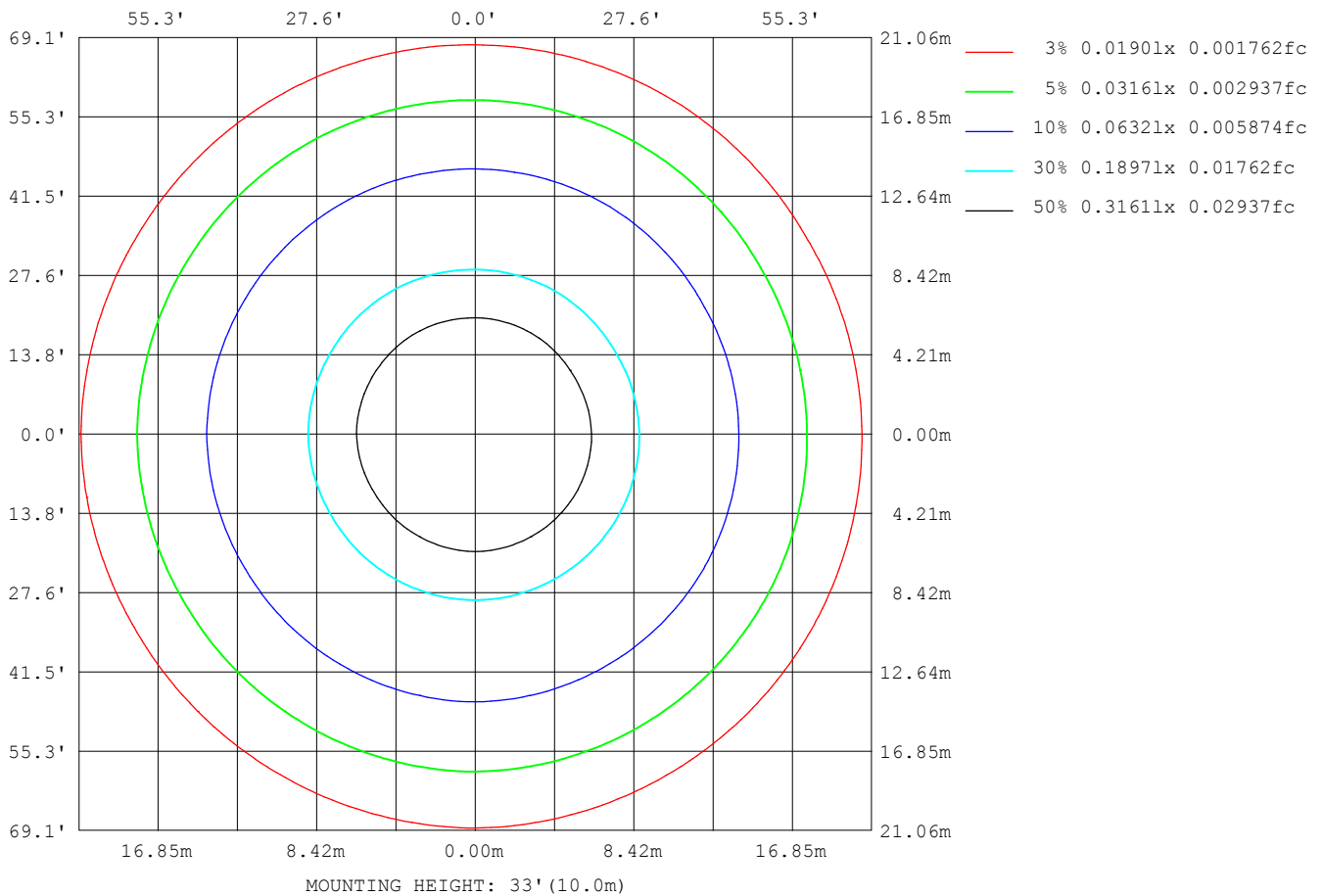
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

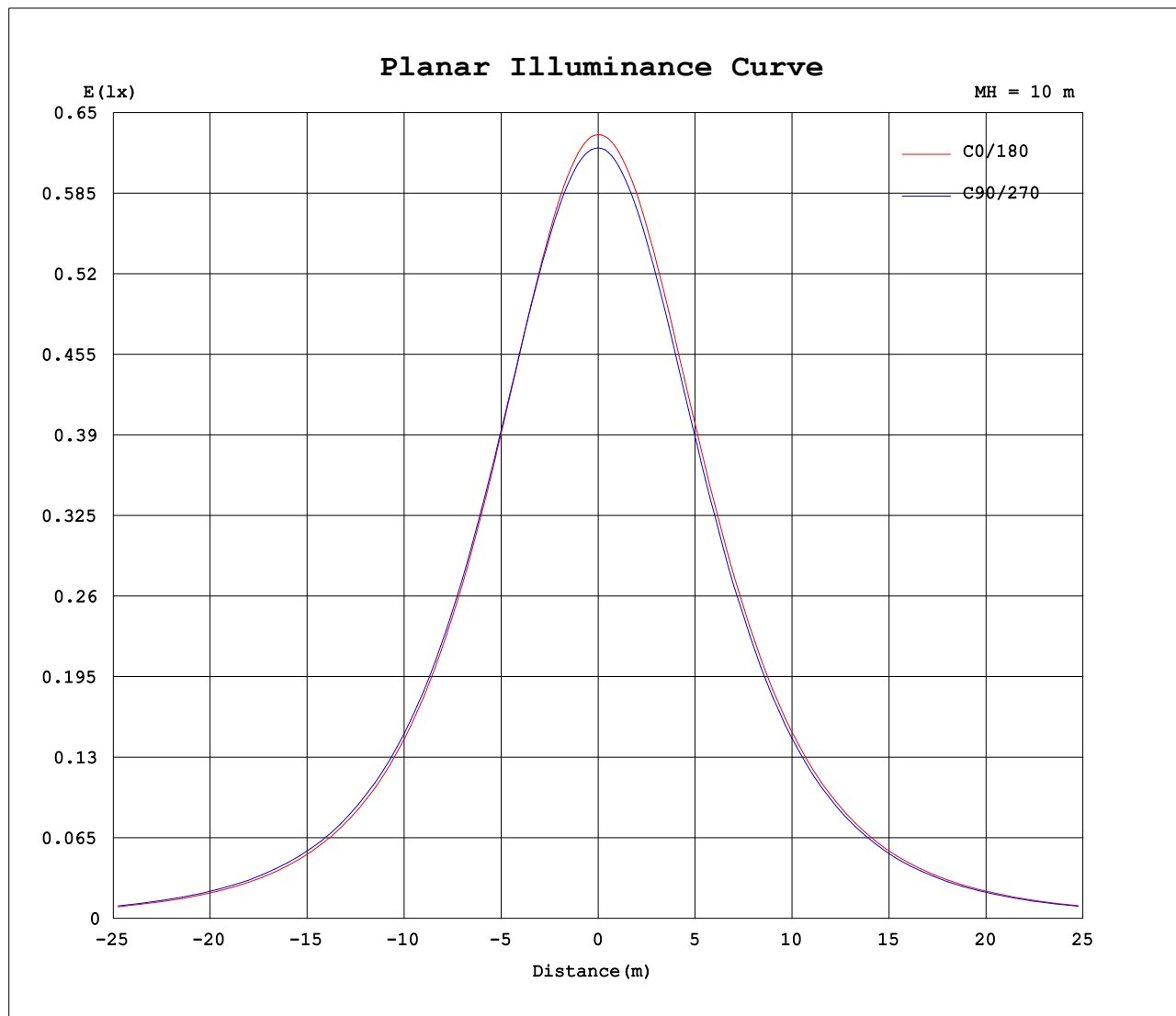
Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm		
NAME: SF17-24V-5050-70-DMX3-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309011
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-09-19

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6062A P:14.55W PF:1.000 Lamp Flux:183.32x1 lm		
NAME: SF17-24V-5050-70-DMX3-RGB-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309011
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	63.2	62.8	62.4	62.2	61.9	61.7	63.2	62.8	62.4	62.2	61.9	61.7						
5	62.9	62.5	62.2	61.9	61.8	61.5	63.0	62.6	62.2	61.9	61.6	61.4						
10	61.8	61.6	61.4	61.2	61.0	60.8	62.3	61.7	61.3	61.0	60.7	60.4						
15	60.3	60.1	60.0	59.9	59.7	59.5	60.9	60.4	60.0	59.6	59.2	58.9						
20	58.2	58.1	58.1	58.1	57.9	57.7	59.0	58.4	58.1	57.6	57.3	56.9						
25	55.6	55.6	55.7	55.8	55.6	55.4	56.6	56.0	55.7	55.2	54.8	54.3						
30	52.5	52.7	52.8	53.1	52.8	52.6	53.7	53.1	52.8	52.3	51.9	51.3						
35	49.0	49.3	49.5	49.8	49.5	49.4	50.4	49.7	49.5	48.9	48.6	47.9						
40	45.2	45.5	45.8	46.2	45.9	45.8	46.7	46.0	45.8	45.1	44.9	44.2						
45	40.9	41.4	41.7	42.2	41.9	41.8	42.5	41.9	41.7	41.1	40.8	40.1						
50	36.4	37.0	37.3	38.0	37.5	37.4	38.1	37.5	37.3	36.8	36.4	35.8						
55	31.7	32.2	32.6	33.2	32.9	32.8	33.4	32.8	32.6	32.1	31.8	31.2						
60	26.7	27.3	27.7	28.3	27.9	27.9	28.4	27.8	27.6	27.2	26.9	26.3						
65	21.6	22.1	22.5	23.1	22.8	22.8	23.2	22.7	22.5	22.1	21.9	21.3						
70	16.4	16.8	17.2	17.7	17.5	17.4	17.8	17.3	17.2	16.9	16.7	16.2						
75	11.2	11.6	11.9	12.3	12.1	12.2	12.4	11.9	11.9	11.5	11.4	11.0						
80	6.28	6.63	6.75	7.19	7.01	7.20	7.33	6.89	6.85	6.57	6.53	6.20						
85	2.44	2.68	2.69	2.95	2.85	3.01	3.03	2.69	2.67	2.45	2.48	2.34						
90	0.68	0.77	0.95	1.05	0.93	0.90	0.73	0.70	0.61	0.74	0.55	0.52						
95	0.56	0.72	0.92	1.08	0.84	0.63	0.32	0.40	0.57	0.72	0.57	0.40						
100	0.56	0.76	0.94	1.11	0.84	0.67	0.35	0.40	0.61	0.72	0.61	0.40						
105	0.61	0.81	0.98	1.12	0.86	0.71	0.39	0.43	0.65	0.75	0.64	0.44						
110	0.66	0.85	1.00	1.13	0.87	0.75	0.45	0.50	0.68	0.76	0.67	0.51						
115	0.71	0.90	1.03	1.13	0.91	0.79	0.50	0.53	0.72	0.76	0.71	0.54						
120	0.76	0.93	1.04	1.13	0.92	0.83	0.56	0.59	0.76	0.78	0.75	0.59						
125	0.80	0.97	1.07	1.14	0.92	0.85	0.62	0.62	0.80	0.82	0.79	0.63						
130	0.84	1.00	1.09	1.14	0.93	0.88	0.68	0.68	0.84	0.84	0.82	0.67						
135	0.88	1.02	1.10	1.15	0.95	0.92	0.74	0.75	0.89	0.86	0.87	0.74						
140	0.92	1.05	1.10	1.16	1.00	0.96	0.80	0.78	0.93	0.92	0.91	0.78						
145	0.95	1.08	1.13	1.16	1.02	1.01	0.86	0.84	0.97	0.94	0.95	0.83						
150	1.00	1.10	1.15	1.18	1.07	1.05	0.92	0.91	1.02	0.98	0.99	0.88						
155	1.03	1.11	1.15	1.18	1.09	1.08	0.99	0.94	1.06	1.01	1.03	0.92						
160	1.07	1.13	1.17	1.18	1.11	1.11	1.04	1.00	1.09	1.04	1.06	0.97						
165	1.09	1.15	1.17	1.17	1.11	1.13	1.08	1.04	1.12	1.08	1.09	1.01						
170	1.12	1.16	1.16	1.16	1.12	1.14	1.13	1.08	1.14	1.09	1.12	1.04						
175	1.13	1.17	1.16	1.16	1.12	1.15	1.14	1.10	1.16	1.12	1.14	1.08						
180	1.15	1.17	1.16	1.16	1.14	1.15	1.14	1.13	1.17	1.15	1.15	1.09						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [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	63.22	62.77	62.42	62.16	61.91	61.71	63.22	62.77	62.42	62.16
3.0	63.10	62.65	62.38	62.10	61.91	61.67	63.17	62.74	62.33	62.07
6.0	62.70	62.34	62.08	61.84	61.65	61.42	62.92	62.45	62.03	61.74
9.0	62.08	61.80	61.57	61.38	61.19	60.98	62.45	61.93	61.54	61.21
12.0	61.26	61.06	60.86	60.73	60.54	60.36	61.79	61.23	60.85	60.49
15.0	60.25	60.13	59.97	59.90	59.70	59.52	60.91	60.35	59.97	59.56
18.0	59.06	59.02	58.89	58.88	58.66	58.54	59.84	59.26	58.90	58.46
21.0	57.68	57.68	57.63	57.70	57.43	57.31	58.58	57.99	57.64	57.17
24.0	56.11	56.20	56.18	56.31	56.08	55.96	57.16	56.53	56.20	55.68
27.0	54.39	54.54	54.58	54.76	54.51	54.38	55.53	54.94	54.57	54.08
30.0	52.50	52.67	52.80	53.05	52.76	52.64	53.73	53.08	52.81	52.27
33.0	50.46	50.74	50.85	51.15	50.90	50.78	51.80	51.11	50.86	50.26
36.0	48.26	48.57	48.77	49.10	48.80	48.71	49.69	49.04	48.77	48.19
39.0	45.94	46.32	46.55	46.95	46.65	46.54	47.45	46.76	46.55	45.93
42.0	43.50	43.94	44.18	44.63	44.33	44.21	45.06	44.42	44.17	43.62
45.0	40.95	41.38	41.70	42.24	41.88	41.84	42.54	41.87	41.69	41.12
48.0	38.28	38.80	39.09	39.67	39.28	39.22	39.92	39.23	39.09	38.53
51.0	35.52	36.03	36.38	37.09	36.61	36.55	37.20	36.54	36.38	35.84
54.0	32.65	33.19	33.56	34.11	33.81	33.70	34.35	33.72	33.57	33.11
57.0	29.72	30.26	30.63	31.38	30.90	30.85	31.39	30.75	30.64	30.09
60.0	26.74	27.25	27.68	28.30	27.94	27.87	28.39	27.82	27.63	27.25
63.0	23.71	24.13	24.64	25.17	24.92	24.78	25.24	24.70	24.58	24.12
66.0	20.58	21.03	21.49	22.03	21.77	21.72	22.10	21.56	21.47	21.06
69.0	17.41	17.87	18.27	18.76	18.57	18.51	18.88	18.46	18.30	17.97
72.0	14.27	14.71	15.05	15.49	15.36	15.31	15.61	15.18	15.05	14.72
75.0	11.15	11.58	11.86	12.25	12.15	12.17	12.40	11.91	11.89	11.51
78.0	8.138	8.611	8.741	9.139	9.008	9.139	9.332	8.924	8.845	8.471
81.0	5.397	5.707	5.819	6.269	6.066	6.249	6.402	5.928	5.935	5.611
84.0	3.065	3.371	3.357	3.647	3.548	3.732	3.785	3.426	3.384	3.154
87.0	1.438	1.555	1.629	1.781	1.710	1.826	1.779	1.587	1.498	1.441
90.0	0.6803	0.7733	0.9512	1.050	0.9313	0.9034	0.7317	0.6952	0.6075	0.7393
93.0	0.5579	0.7037	0.9247	1.066	0.8394	0.6332	0.3216	0.4275	0.5529	0.7237
96.0	0.5579	0.7289	0.9247	1.076	0.8393	0.6384	0.3167	0.4021	0.5780	0.7237
99.0	0.5579	0.7539	0.9297	1.101	0.8492	0.6635	0.3418	0.4021	0.5982	0.7237
102.0	0.5929	0.7841	0.9548	1.111	0.8443	0.6885	0.3620	0.4021	0.6183	0.7437
105.0	0.6130	0.8092	0.9850	1.121	0.8594	0.7088	0.3922	0.4322	0.6484	0.7539
108.0	0.6432	0.8393	1.005	1.126	0.8693	0.7339	0.4273	0.4723	0.6686	0.7589
111.0	0.6733	0.8645	1.010	1.131	0.8794	0.7590	0.4625	0.5075	0.6937	0.7589
114.0	0.6985	0.8896	1.020	1.131	0.9044	0.7791	0.4926	0.5277	0.7138	0.7639
117.0	0.7336	0.9047	1.030	1.131	0.9146	0.8042	0.5229	0.5478	0.7389	0.7689
120.0	0.7589	0.9298	1.035	1.131	0.9247	0.8292	0.5580	0.5928	0.7590	0.7790
123.0	0.7838	0.9450	1.055	1.131	0.9247	0.8444	0.5933	0.6030	0.7841	0.7940
126.0	0.8090	0.9700	1.075	1.136	0.9247	0.8595	0.6334	0.6382	0.8093	0.8292
129.0	0.8342	0.9901	1.086	1.141	0.9297	0.8796	0.6636	0.6684	0.8343	0.8343
132.0	0.8543	1.005	1.086	1.141	0.9398	0.9047	0.6988	0.6935	0.8545	0.8493
135.0	0.8794	1.020	1.096	1.146	0.9548	0.9198	0.7439	0.7486	0.8896	0.8644
138.0	0.9197	1.040	1.096	1.151	0.9800	0.9499	0.7742	0.7688	0.9098	0.8995
141.0	0.9247	1.050	1.111	1.156	0.9952	0.9701	0.8143	0.7989	0.9398	0.9147
144.0	0.9448	1.071	1.121	1.161	1.010	1.005	0.8495	0.8292	0.9650	0.9247
147.0	0.9749	1.081	1.131	1.171	1.030	1.020	0.8847	0.8594	0.9852	0.9498
150.0	0.9951	1.101	1.146	1.176	1.065	1.050	0.9249	0.9095	1.015	0.9849
153.0	1.010	1.111	1.146	1.176	1.076	1.066	0.9600	0.9247	1.045	0.9951
156.0	1.030	1.111	1.151	1.176	1.091	1.091	0.9902	0.9598	1.066	1.005
159.0	1.060	1.121	1.156	1.176	1.106	1.101	1.025	0.9900	1.086	1.025
162.0	1.081	1.136	1.166	1.176	1.111	1.111	1.056	1.015	1.106	1.040
165.0	1.086	1.151	1.166	1.171	1.111	1.126	1.081	1.035	1.121	1.075
168.0	1.111	1.151	1.166	1.166	1.111	1.131	1.116	1.065	1.131	1.081
171.0	1.121	1.166	1.161	1.161	1.116	1.141	1.131	1.081	1.141	1.086
174.0	1.131	1.166	1.161	1.161	1.116	1.146	1.141	1.091	1.151	1.121
177.0	1.141	1.166	1.161	1.161	1.116	1.146	1.141	1.106	1.166	1.126
180.0	1.151	1.166	1.161	1.161	1.136	1.146	1.141	1.131	1.166	1.146
G/C	300.0	330.0								
0.0	61.91	61.71								
3.0	61.76	61.61								
6.0	61.43	61.23								
9.0	60.87	60.68								
12.0	60.16	59.89								
15.0	59.24	58.90								
18.0	58.12	57.76								
21.0	56.83	56.41								
24.0	55.35	54.87								
27.0	53.70	53.22								
30.0	51.91	51.34								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-09-19

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

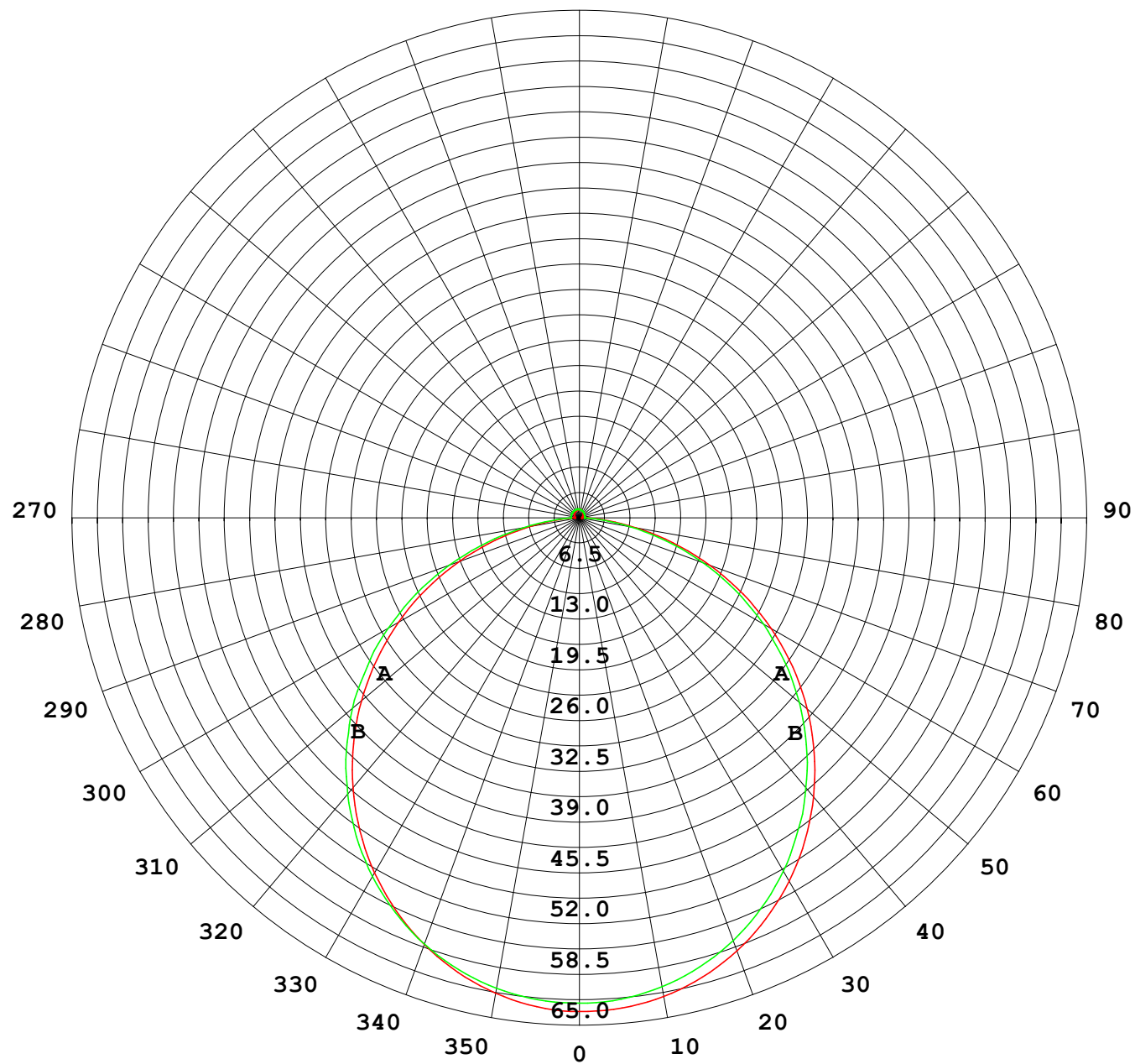
## Photometric Data Table [cd]

33.0	49.96	49.35
36.0	47.85	47.26
39.0	45.63	44.98
42.0	43.27	42.65
45.0	40.79	40.12
48.0	38.21	37.52
51.0	35.55	34.85
54.0	32.78	32.09
57.0	29.91	29.18
60.0	26.95	26.34
63.0	23.92	23.30
66.0	20.82	20.25
69.0	17.74	17.24
72.0	14.56	14.13
75.0	11.43	11.04
78.0	8.473	8.080
81.0	5.639	5.414
84.0	3.173	2.962
87.0	1.383	1.331
90.0	0.5527	0.5190
93.0	0.5529	0.4021
96.0	0.5731	0.4021
99.0	0.5982	0.4021
102.0	0.6183	0.4321
105.0	0.6433	0.4422
108.0	0.6584	0.4774
111.0	0.6785	0.5176
114.0	0.7037	0.5326
117.0	0.7338	0.5528
120.0	0.7490	0.5881
123.0	0.7690	0.6080
126.0	0.7992	0.6382
129.0	0.8193	0.6734
132.0	0.8444	0.6984
135.0	0.8696	0.7386
138.0	0.8897	0.7588
141.0	0.9198	0.7939
144.0	0.9449	0.8292
147.0	0.9651	0.8493
150.0	0.9902	0.8795
153.0	1.010	0.9147
156.0	1.035	0.9297
159.0	1.055	0.9598
162.0	1.071	0.9900
165.0	1.091	1.005
168.0	1.106	1.030
171.0	1.121	1.050
174.0	1.136	1.081
177.0	1.156	1.081
180.0	1.151	1.091

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

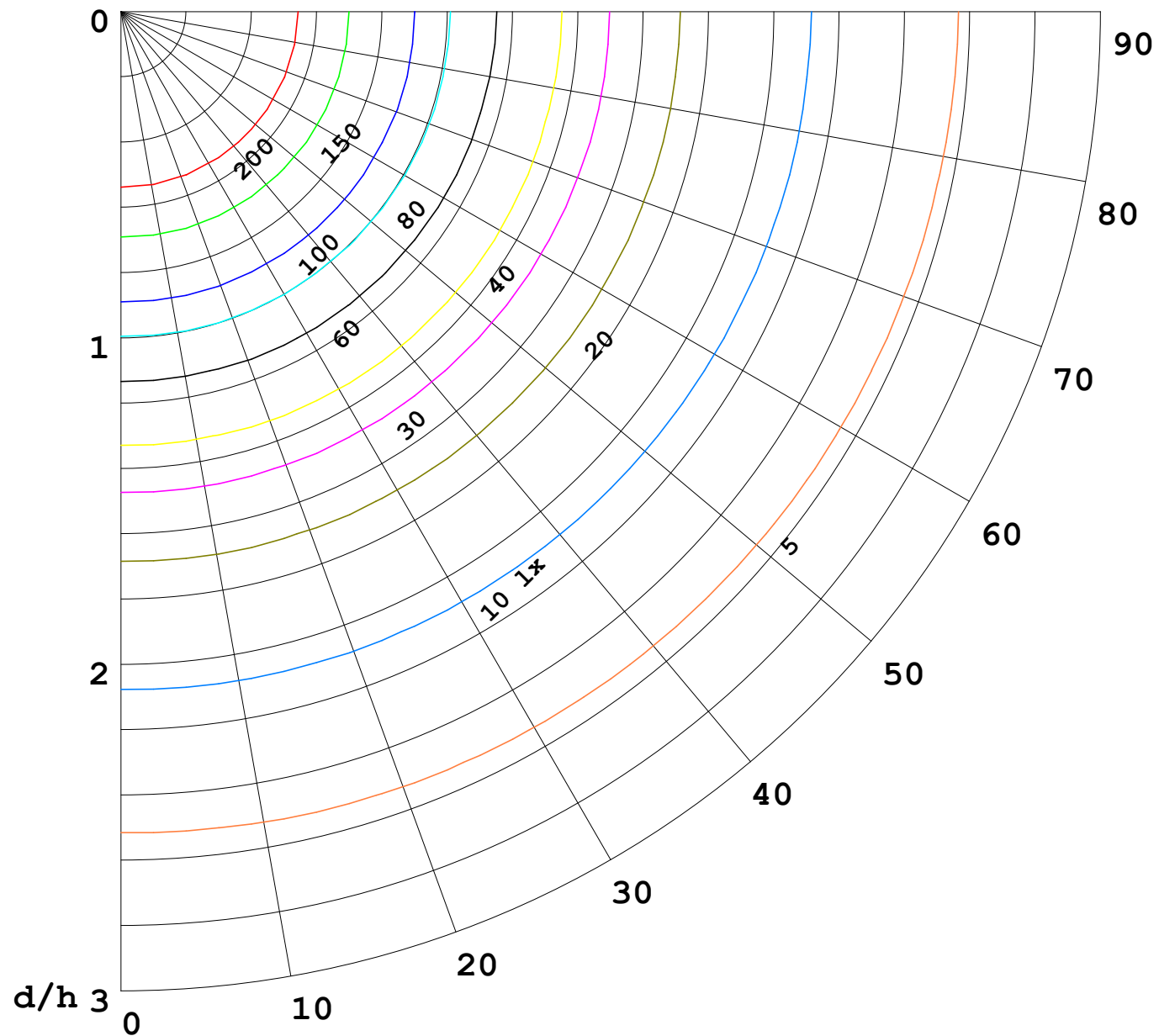
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

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

