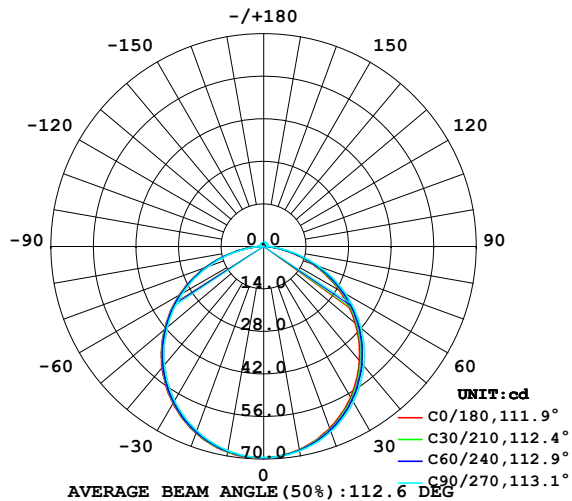


## LUMINAIRE PHOTOMETRIC TEST REPORT

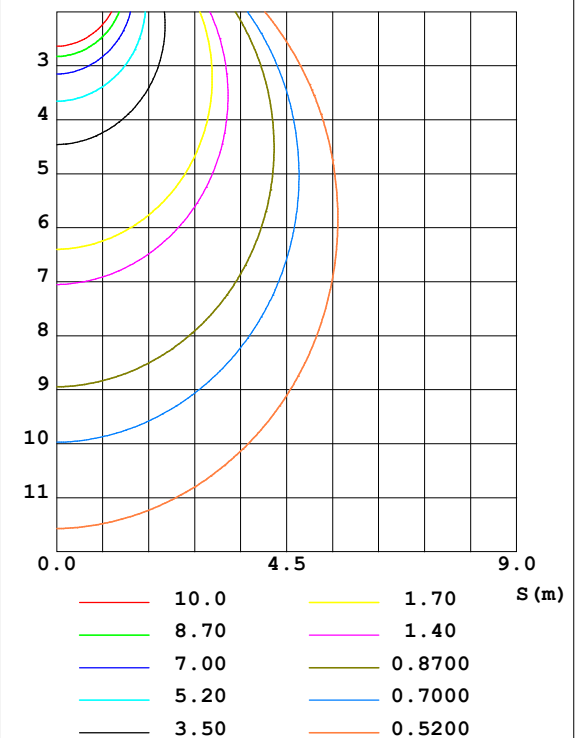
Test:U:24.00V I:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 35.17 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	69.62	S/MH (C0/180)	1.23
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	204.92	η UP,DN(C0-180)	1.6,48.3
NOMINAL FLUX(lm)	204.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.7
LAMPS INSIDE	1	η up (%)	3.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down (%)	97.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



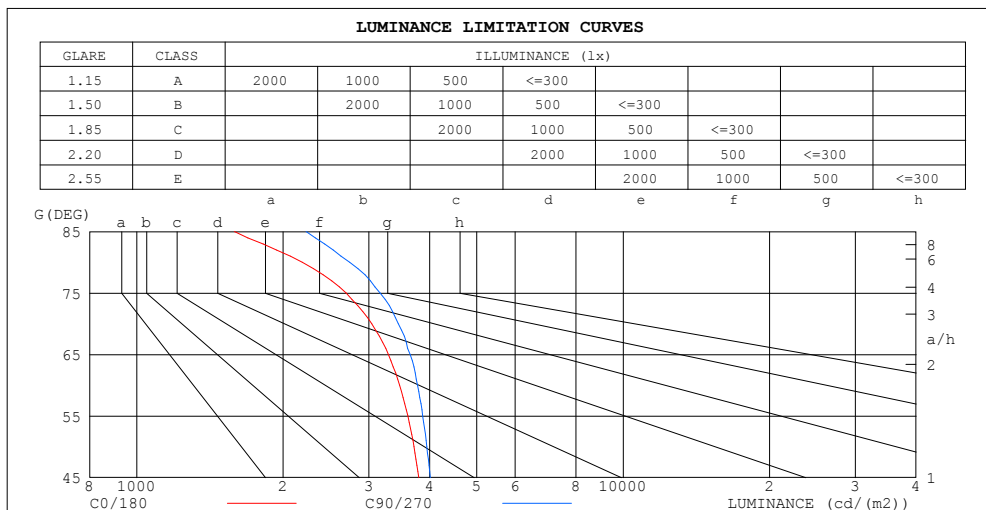
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-09-19

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	67.88	68.06	68.34	68.53	68.71	68.49	68.22	67.91	0- 10	6.576	6.576	3.21,3.21
20	63.64	64.14	64.80	65.14	65.34	65.05	64.46	63.91	10- 20	18.83	25.40	12.4,12.4
30	57.27	58.05	59.05	59.49	59.69	59.30	58.57	57.71	20- 30	28.51	53.91	26.3,26.3
40	49.04	50.03	51.28	51.81	52.05	51.59	50.77	49.65	30- 40	34.36	88.27	43.1,43.1
50	39.40	40.56	41.87	42.46	42.69	42.29	41.43	40.12	40- 50	35.66	123.9	60.5,60.5
60	28.64	29.80	31.15	31.85	32.11	31.69	30.82	29.46	50- 60	32.29	156.2	76.2,76.2
70	17.16	18.15	19.47	20.19	20.62	20.18	19.22	17.96	60- 70	24.69	180.9	88.3,88.3
80	6.273	6.882	7.846	8.527	9.014	8.610	7.799	6.808	70- 80	14.03	194.9	95.1,95.1
90	0.6647	0.8196	1.106	1.066	0.9567	0.9381	1.157	0.7192	80- 90	3.876	198.8	97,97
100	0.6432	0.8670	1.176	0.8393	0.3771	0.6810	1.156	0.7412	90-100	0.8663	199.7	97.4,97.5
110	0.7639	0.9649	1.196	0.9473	0.4927	0.7513	1.166	0.8142	100-110	0.8888	200.6	97.9,97.9
120	0.8643	1.045	1.236	1.035	0.6184	0.8293	1.166	0.8745	110-120	0.9108	201.5	98.3,98.3
130	0.9597	1.116	1.267	1.116	0.7540	0.9096	1.171	0.9373	120-130	0.8874	202.4	98.8,98.8
140	1.040	1.171	1.297	1.181	0.8947	0.9850	1.171	0.9975	130-140	0.8187	203.2	99.2,99.2
150	1.121	1.231	1.322	1.239	1.035	1.060	1.171	1.063	140-150	0.7046	203.9	99.5,99.5
160	1.206	1.269	1.322	1.279	1.161	1.148	1.171	1.148	150-160	0.5464	204.4	99.8,99.8
170	1.251	1.277	1.317	1.297	1.272	1.249	1.231	1.249	160-170	0.3510	204.8	99.9,99.9
180	1.277	1.287	1.307	1.302	1.272	1.282	1.297	1.287	170-180	0.1219	204.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1589	2228
80	2189	2738
75	2696	3163
70	3042	3451
65	3289	3648
60	3472	3776
55	3608	3871
50	3715	3948
45	3802	4011

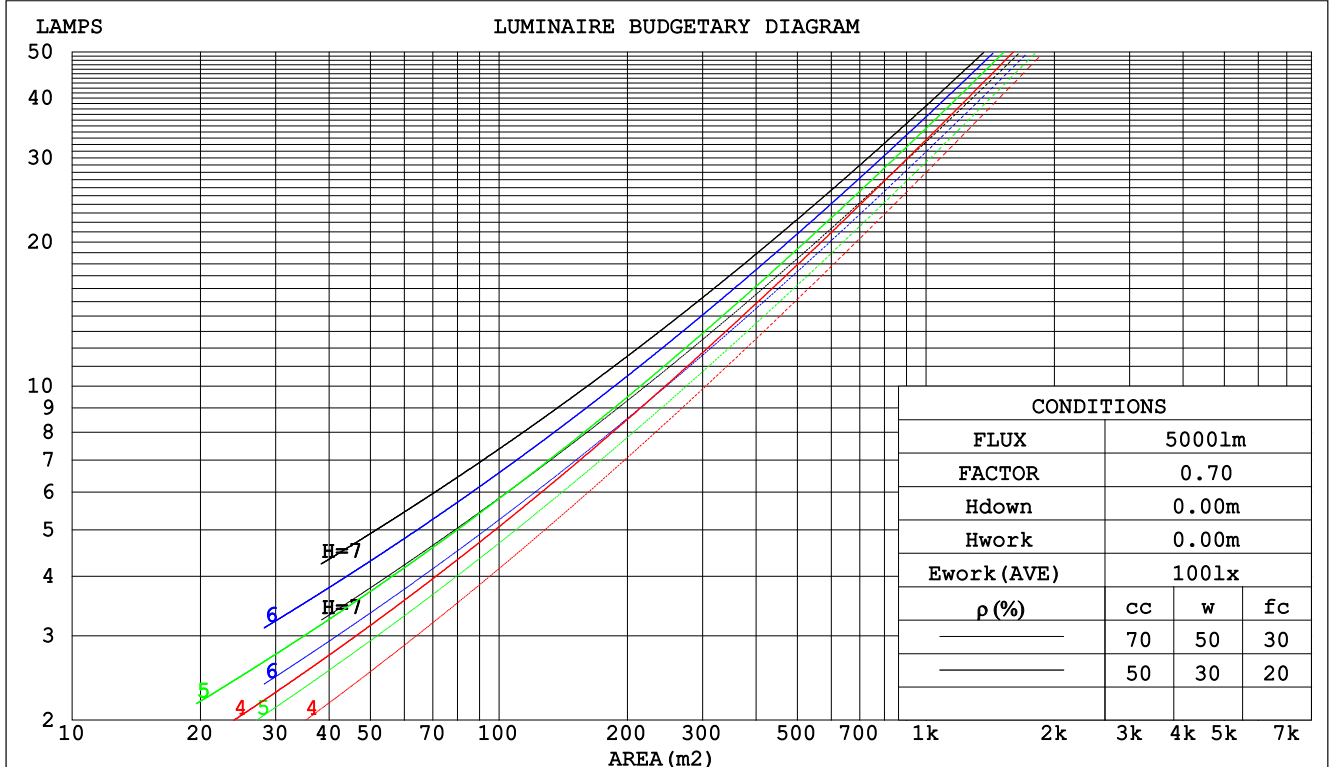
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-09-19

$\gamma$  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:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.76	.73	.70	.67
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.70	.65	.60	.67	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.63	.56	.52	.60	.55	.51	.48
5.0	.62	.53	.47	.61	.52	.46	.58	.51	.45	.56	.50	.45	.54	.48	.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	.41	.36	.48	.40	.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	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.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:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
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	.310	.176	.056	.302	.172	.055	.287	.164	.053	.273	.157	.051	.260	.151	.049	
2.0	.291	.159	.049	.284	.156	.048	.271	.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	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032	
6.0	.213	.107	.031	.208	.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	.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	.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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.203	.179	.157	.174	.154	.135	.119	.106	.094	.068	.061	.054	.022	.020	.018	
2.0	.195	.155	.121	.167	.133	.105	.115	.092	.073	.066	.054	.043	.021	.017	.014	
3.0	.187	.137	.098	.161	.119	.085	.110	.082	.059	.064	.048	.035	.020	.016	.011	
4.0	.180	.124	.082	.154	.107	.071	.106	.075	.050	.061	.044	.030	.020	.014	.010	
5.0	.173	.114	.071	.148	.099	.061	.102	.069	.043	.059	.040	.026	.019	.013	.008	
6.0	.165	.106	.063	.142	.091	.055	.098	.064	.039	.057	.038	.023	.018	.012	.008	
7.0	.159	.099	.057	.136	.086	.049	.094	.060	.035	.055	.035	.021	.018	.012	.007	
8.0	.152	.093	.052	.131	.081	.046	.091	.057	.032	.053	.033	.019	.017	.011	.006	
9.0	.146	.088	.049	.126	.076	.043	.087	.054	.030	.051	.032	.018	.016	.010	.006	
10.0	.140	.084	.046	.121	.073	.040	.084	.051	.029	.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:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm											
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W						TYPE:硅胶		WEIGHT:			
DIM.: 16.5MM*16.5MM						SPEC.:		SERIAL No.:202309012			
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	17.1	18.5	17.4	18.8	19.1	17.4	18.8	17.7	19.1	19.4	
	3H	18.5	19.8	18.8	20.1	20.4	18.9	20.3	19.2	20.5	20.8
	4H	19.0	20.3	19.3	20.6	20.9	19.5	20.8	19.8	21.1	21.4
	6H	19.3	20.5	19.7	20.8	21.2	19.9	21.1	20.3	21.4	21.8
	8H	19.4	20.5	19.8	20.9	21.2	20.0	21.2	20.4	21.5	21.9
	12H	19.4	20.5	19.8	20.9	21.2	20.0	21.2	20.4	21.5	21.9
4H	2H	17.7	19.0	18.0	19.3	19.6	17.9	19.2	18.3	19.5	19.8
	3H	19.3	20.4	19.7	20.7	21.1	19.6	20.7	20.0	21.1	21.5
	4H	19.9	20.9	20.3	21.3	21.7	20.3	21.3	20.7	21.7	22.1
	6H	20.3	21.2	20.8	21.6	22.1	20.8	21.7	21.3	22.1	22.6
	8H	20.4	21.3	20.9	21.7	22.1	21.0	21.8	21.4	22.3	22.7
	12H	20.5	21.3	20.9	21.7	22.2	21.1	21.9	21.5	22.3	22.8
8H	4H	20.1	21.0	20.6	21.4	21.9	20.5	21.4	21.0	21.8	22.2
	6H	20.7	21.4	21.2	21.8	22.3	21.1	21.8	21.6	22.3	22.8
	8H	20.9	21.5	21.4	22.0	22.5	21.4	22.0	21.9	22.5	23.0
	12H	21.0	21.5	21.5	22.0	22.5	21.5	22.1	22.0	22.6	23.1
12H	4H	20.1	20.9	20.6	21.4	21.8	20.5	21.3	21.0	21.7	22.2
	6H	20.7	21.3	21.2	21.8	22.3	21.2	21.8	21.7	22.3	22.8
	8H	20.9	21.5	21.4	22.0	22.5	21.4	22.0	21.9	22.5	23.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 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 204.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.5)

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:

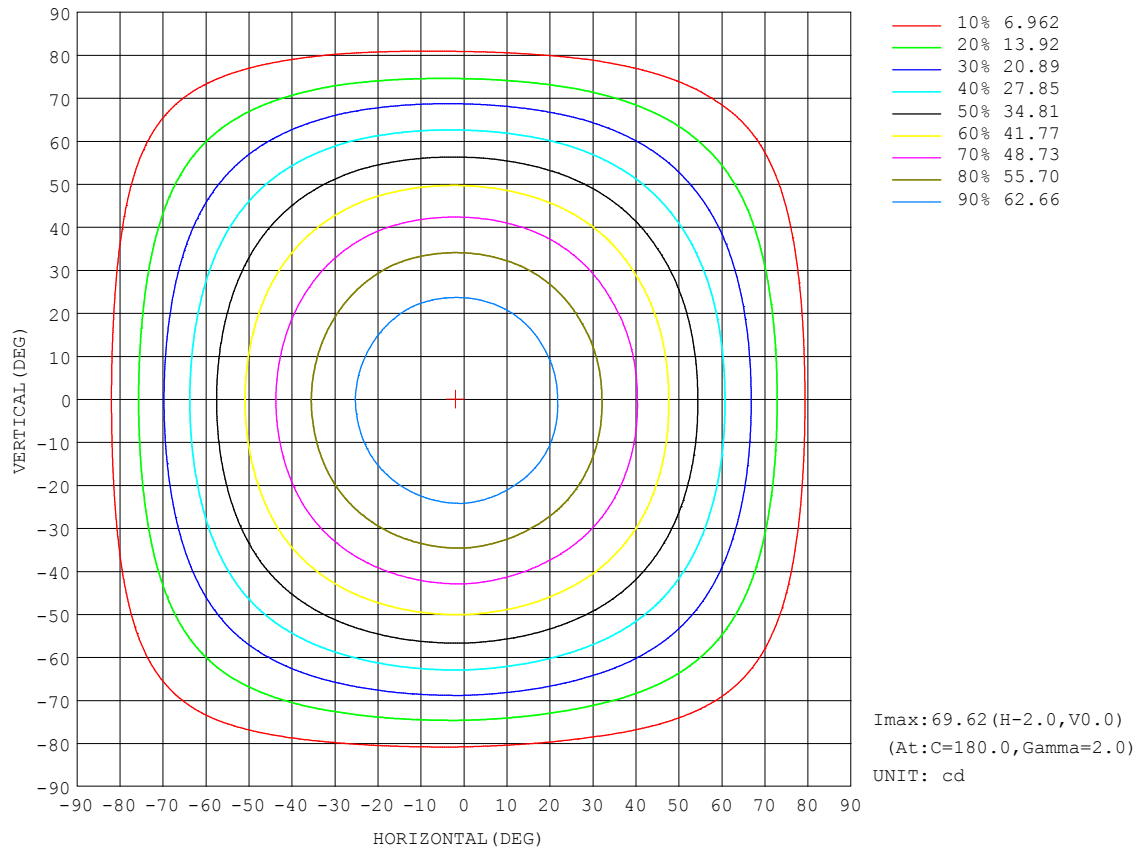
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

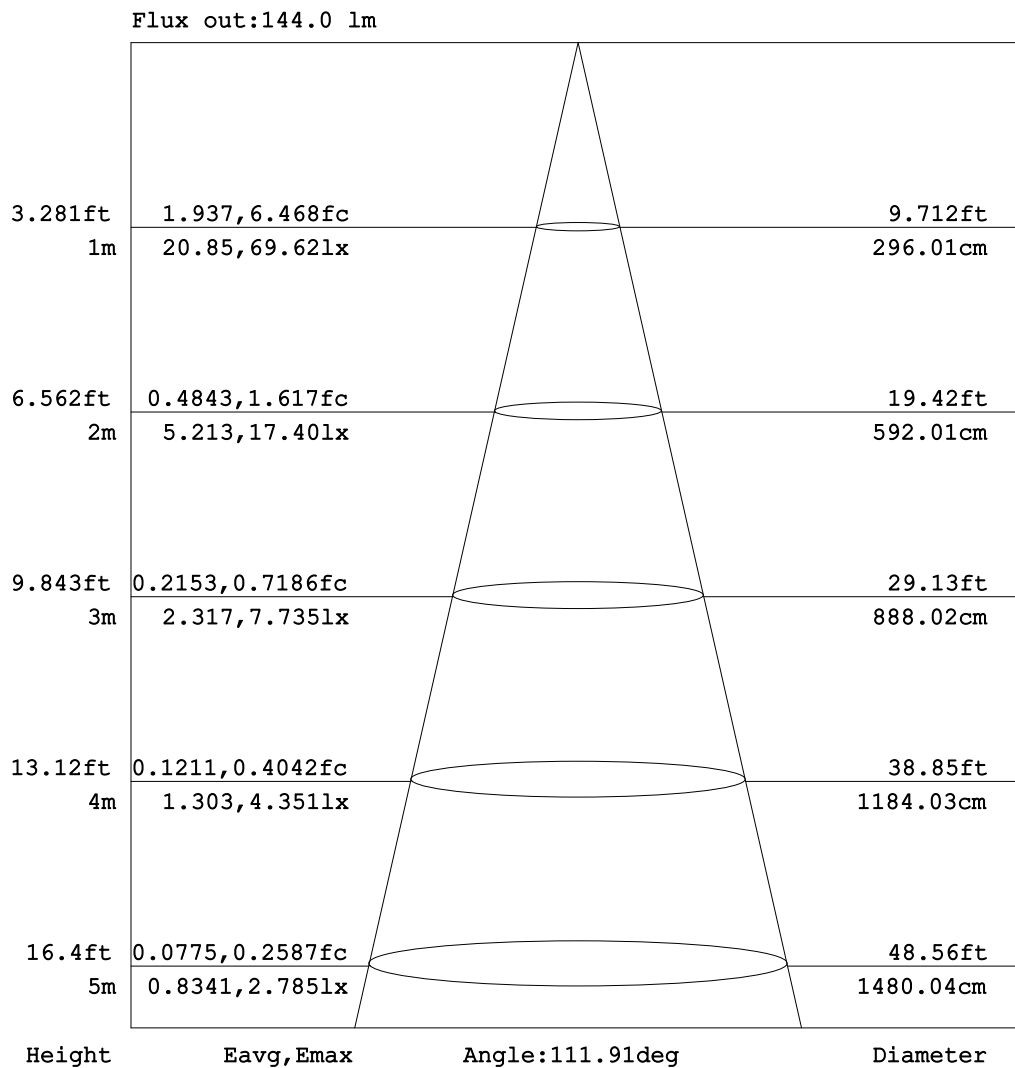


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-09-19

$\gamma$  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:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



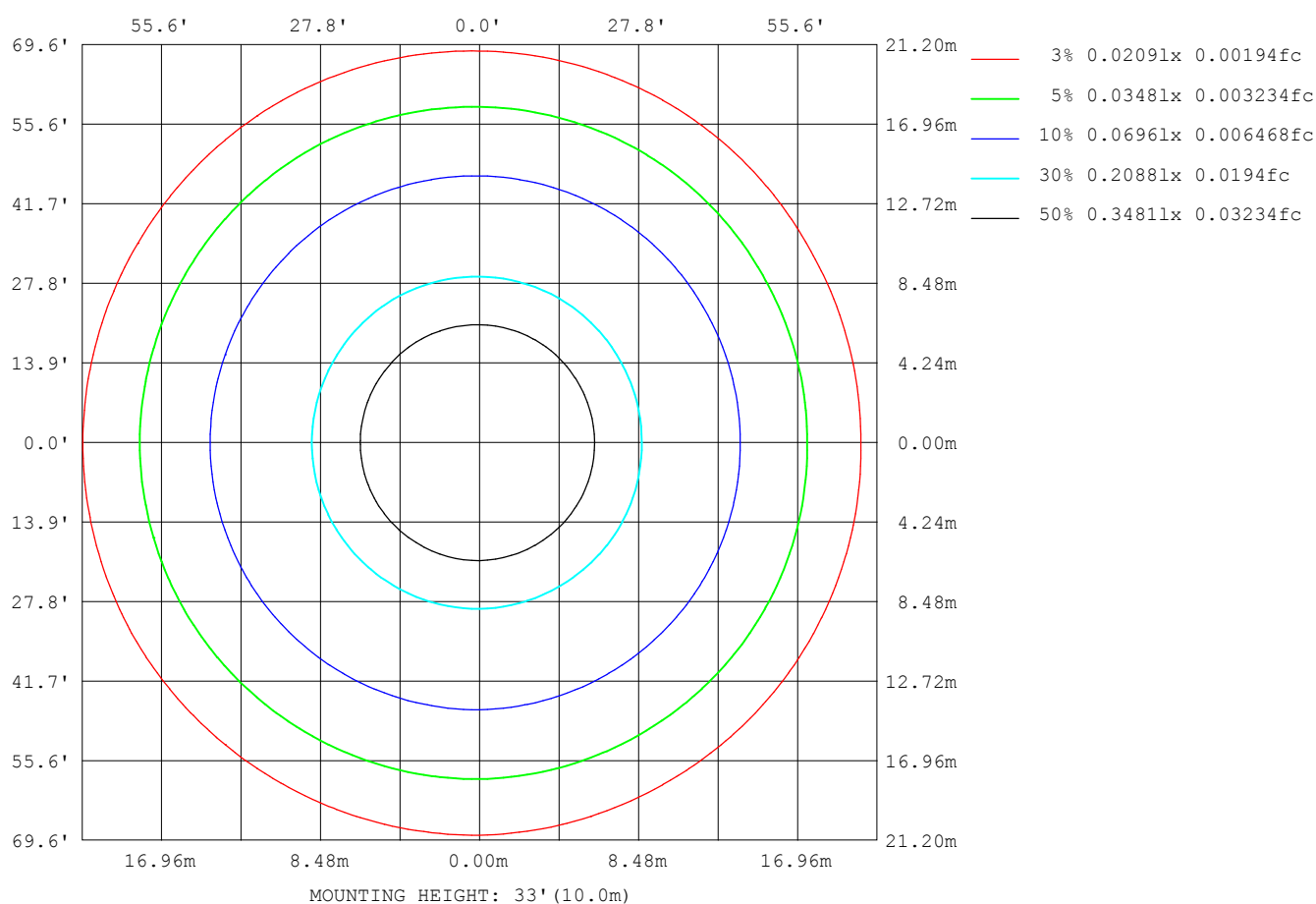
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

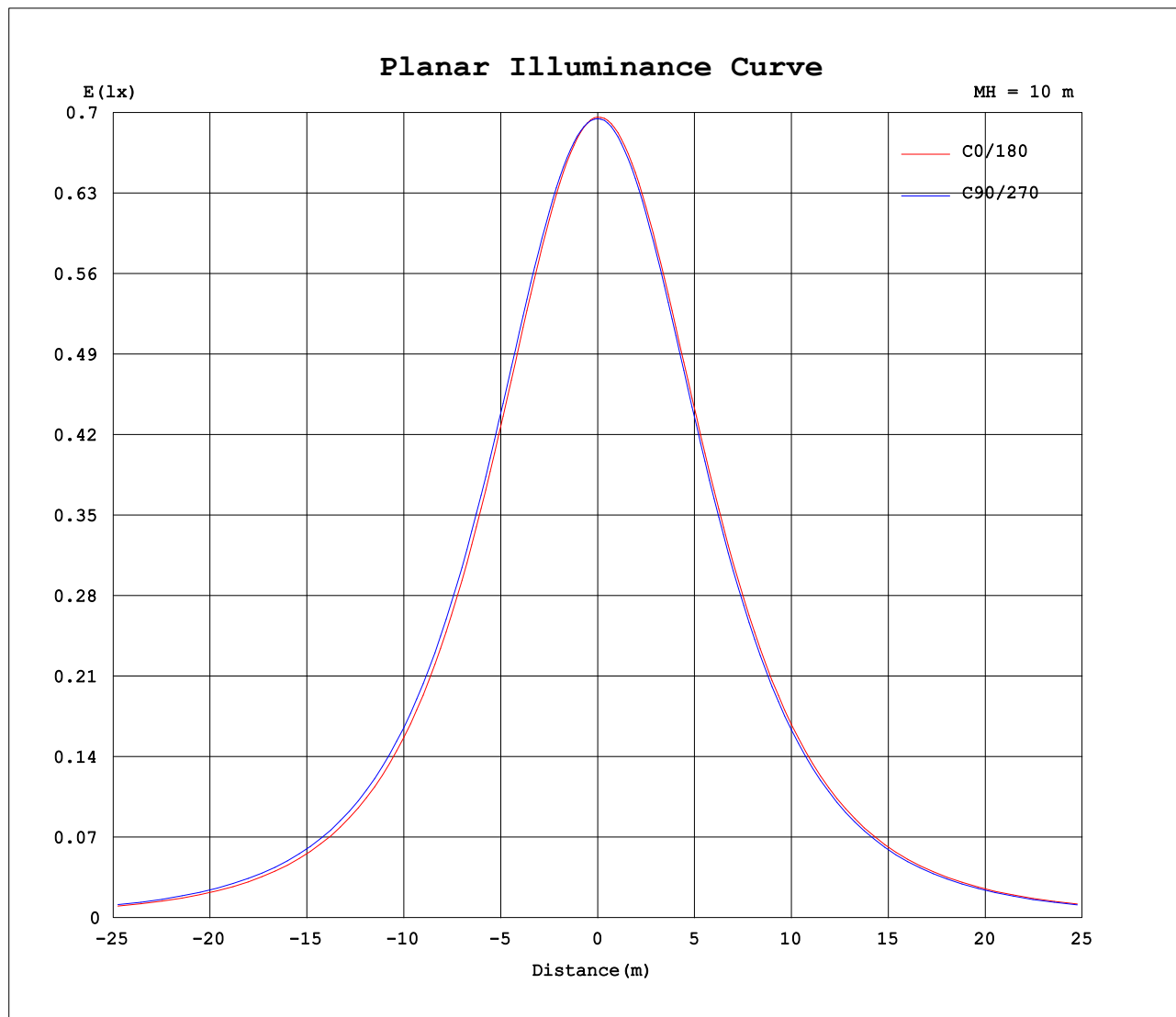
Test:U:24.00V I:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



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:0.2428A P:5.827W PF:1.000 Lamp Flux:204.9x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-W	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
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	69.6	69.5	69.5	69.5	69.5	69.5	69.6	69.5	69.5	69.5	69.5	69.5						
5	69.1	69.1	69.1	69.2	69.3	69.3	69.5	69.4	69.2	69.2	69.0	69.0						
10	67.9	68.0	68.1	68.3	68.5	68.6	68.7	68.6	68.4	68.2	68.0	67.8						
15	66.0	66.3	66.5	66.9	67.1	67.2	67.3	67.2	67.0	66.6	66.4	66.0						
20	63.6	64.0	64.3	64.8	65.0	65.3	65.3	65.1	65.0	64.5	64.1	63.7						
25	60.7	61.2	61.5	62.2	62.4	62.7	62.8	62.5	62.4	61.8	61.4	60.8						
30	57.3	57.9	58.3	59.0	59.3	59.7	59.7	59.4	59.2	58.6	58.1	57.3						
35	53.4	54.0	54.4	55.4	55.7	56.1	56.1	55.7	55.6	54.9	54.3	53.4						
40	49.0	49.7	50.3	51.3	51.6	52.0	52.0	51.6	51.5	50.8	50.1	49.1						
45	44.4	45.2	45.8	46.8	47.1	47.5	47.6	47.2	47.0	46.3	45.6	44.5						
50	39.4	40.2	40.9	41.9	42.3	42.7	42.7	42.4	42.2	41.4	40.6	39.6						
55	34.1	34.8	35.6	36.6	37.1	37.5	37.5	37.3	37.0	36.3	35.4	34.4						
60	28.6	29.5	30.1	31.2	31.6	32.1	32.1	31.8	31.6	30.8	30.0	28.9						
65	22.9	23.7	24.3	25.4	25.8	26.4	26.4	26.1	25.9	25.1	24.3	23.2						
70	17.2	17.8	18.5	19.5	19.9	20.5	20.6	20.3	20.1	19.2	18.5	17.4						
75	11.5	12.0	12.5	13.5	13.9	14.6	14.7	14.4	14.1	13.3	12.7	11.6						
80	6.27	6.72	7.05	7.85	8.25	8.80	9.01	8.75	8.47	7.80	7.27	6.35						
85	2.28	2.57	2.64	3.20	3.45	4.00	4.10	3.82	3.71	3.18	2.88	2.22						
90	0.66	0.73	0.91	1.11	1.02	1.11	0.96	0.91	0.97	1.16	0.92	0.52						
95	0.62	0.75	0.89	1.15	0.91	0.72	0.36	0.47	0.86	1.16	0.94	0.47						
100	0.64	0.81	0.92	1.18	0.92	0.75	0.38	0.47	0.89	1.16	0.99	0.50						
105	0.70	0.86	0.98	1.18	0.98	0.81	0.43	0.50	0.92	1.16	1.01	0.53						
110	0.76	0.91	1.02	1.20	1.03	0.87	0.49	0.54	0.96	1.17	1.04	0.59						
115	0.82	0.96	1.06	1.22	1.08	0.92	0.56	0.59	1.00	1.17	1.06	0.63						
120	0.86	1.01	1.08	1.24	1.11	0.97	0.62	0.64	1.02	1.17	1.07	0.68						
125	0.92	1.05	1.11	1.25	1.14	1.02	0.69	0.69	1.05	1.17	1.09	0.72						
130	0.96	1.08	1.15	1.27	1.16	1.07	0.75	0.75	1.07	1.17	1.11	0.76						
135	1.00	1.12	1.16	1.28	1.18	1.11	0.82	0.80	1.10	1.17	1.13	0.83						
140	1.04	1.16	1.19	1.30	1.21	1.15	0.89	0.85	1.12	1.17	1.13	0.87						
145	1.09	1.19	1.21	1.31	1.24	1.20	0.97	0.92	1.12	1.17	1.13	0.93						
150	1.12	1.22	1.24	1.32	1.25	1.23	1.04	0.99	1.13	1.17	1.13	1.00						
155	1.16	1.25	1.25	1.32	1.27	1.26	1.10	1.07	1.15	1.17	1.14	1.07						
160	1.21	1.28	1.26	1.32	1.27	1.29	1.16	1.11	1.19	1.17	1.18	1.12						
165	1.24	1.28	1.28	1.32	1.28	1.30	1.22	1.17	1.23	1.18	1.23	1.17						
170	1.25	1.28	1.28	1.32	1.29	1.30	1.27	1.22	1.28	1.23	1.28	1.22						
175	1.27	1.28	1.28	1.31	1.30	1.30	1.27	1.24	1.30	1.26	1.30	1.25						
180	1.28	1.28	1.30	1.31	1.30	1.30	1.27	1.27	1.29	1.30	1.30	1.27						

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	69.62	69.51	69.49	69.47	69.46	69.47	69.62	69.51	69.49	69.47
3.0	69.38	69.32	69.38	69.38	69.47	69.45	69.60	69.53	69.41	69.39
6.0	68.89	68.90	68.98	69.08	69.20	69.22	69.38	69.27	69.12	69.02
9.0	68.17	68.26	68.38	68.55	68.71	68.78	68.92	68.79	68.63	68.46
12.0	67.20	67.39	67.56	67.81	68.00	68.12	68.26	68.09	67.92	67.66
15.0	66.04	66.28	66.50	66.85	67.06	67.22	67.35	67.16	66.98	66.64
18.0	64.63	64.99	65.26	65.73	65.92	66.10	66.21	66.02	65.82	65.46
21.0	63.09	63.52	63.78	64.33	64.56	64.82	64.89	64.67	64.48	63.97
24.0	61.32	61.83	62.15	62.79	63.01	63.27	63.35	63.10	62.94	62.41
27.0	59.38	59.88	60.33	61.04	61.26	61.55	61.62	61.40	61.16	60.56
30.0	57.27	57.86	58.25	59.05	59.32	59.67	59.69	59.39	59.22	58.57
33.0	54.97	55.56	56.08	56.98	57.20	57.55	57.61	57.28	57.12	56.45
36.0	52.53	53.11	53.63	54.61	54.92	55.27	55.33	54.99	54.83	54.11
39.0	49.93	50.60	51.25	52.18	52.46	52.87	52.90	52.51	52.38	51.61
42.0	47.21	47.92	48.49	49.61	49.86	50.27	50.30	49.99	49.79	48.99
45.0	44.36	45.16	45.80	46.80	47.13	47.53	47.57	47.22	47.04	46.30
48.0	41.40	42.16	42.82	43.90	44.23	44.67	44.70	44.35	44.17	43.31
51.0	38.38	39.22	39.85	40.84	41.25	41.66	41.69	41.39	41.17	40.35
54.0	35.20	35.93	36.70	37.71	38.15	38.56	38.58	38.35	38.06	37.26
57.0	31.96	32.81	33.46	34.51	34.93	35.44	35.40	35.12	34.85	33.95
60.0	28.64	29.46	30.13	31.15	31.59	32.12	32.11	31.78	31.60	30.82
63.0	25.24	25.97	26.70	27.83	28.15	28.72	28.72	28.43	28.22	27.32
66.0	21.81	22.54	23.18	24.21	24.67	25.23	25.28	24.99	24.73	23.88
69.0	18.32	18.98	19.64	20.72	21.09	21.67	21.78	21.44	21.28	20.48
72.0	14.88	15.42	16.08	17.13	17.50	18.02	18.22	17.95	17.67	16.91
75.0	11.51	12.01	12.52	13.51	13.94	14.55	14.70	14.41	14.15	13.32
78.0	8.289	8.701	9.140	10.10	10.45	11.03	11.28	10.93	10.71	10.10
81.0	5.342	5.771	6.031	6.786	7.168	7.766	7.954	7.712	7.447	6.773
84.0	2.919	3.245	3.347	4.018	4.248	4.847	5.000	4.688	4.558	3.984
87.0	1.307	1.475	1.543	1.902	2.083	2.463	2.526	2.293	2.261	1.990
90.0	0.6647	0.7337	0.9055	1.106	1.022	1.109	0.9567	0.9075	0.9686	1.157
93.0	0.6232	0.7389	0.8946	1.136	0.9147	0.7237	0.3669	0.4878	0.8394	1.156
96.0	0.6232	0.7690	0.8946	1.156	0.9196	0.7288	0.3619	0.4674	0.8595	1.156
99.0	0.6331	0.8042	0.9197	1.166	0.9197	0.7489	0.3720	0.4674	0.8846	1.156
102.0	0.6684	0.8293	0.9397	1.181	0.9447	0.7841	0.3971	0.4674	0.9047	1.161
105.0	0.6985	0.8645	0.9798	1.181	0.9849	0.8092	0.4325	0.5024	0.9248	1.161
108.0	0.7436	0.8947	0.9950	1.186	1.005	0.8494	0.4676	0.5226	0.9449	1.171
111.0	0.7639	0.9198	1.020	1.206	1.030	0.8746	0.5077	0.5527	0.9650	1.166
114.0	0.7940	0.9500	1.045	1.216	1.075	0.9098	0.5430	0.5879	0.9852	1.166
117.0	0.8393	0.9751	1.070	1.221	1.076	0.9399	0.5832	0.6080	1.005	1.166
120.0	0.8643	1.010	1.080	1.236	1.105	0.9650	0.6184	0.6382	1.020	1.166
123.0	0.8994	1.020	1.096	1.241	1.121	0.9852	0.6584	0.6684	1.035	1.171
126.0	0.9198	1.050	1.111	1.257	1.156	1.025	0.7037	0.6985	1.056	1.171
129.0	0.9447	1.076	1.131	1.266	1.161	1.056	0.7340	0.7386	1.070	1.171
132.0	0.9798	1.096	1.161	1.277	1.176	1.081	0.7742	0.7638	1.081	1.171
135.0	1.000	1.121	1.161	1.282	1.181	1.111	0.8243	0.8040	1.096	1.171
138.0	1.025	1.146	1.171	1.297	1.201	1.136	0.8696	0.8393	1.106	1.171
141.0	1.065	1.161	1.186	1.307	1.236	1.156	0.9048	0.8743	1.111	1.171
144.0	1.080	1.181	1.196	1.307	1.236	1.191	0.9550	0.9196	1.116	1.171
147.0	1.101	1.201	1.236	1.322	1.241	1.211	0.9902	0.9547	1.121	1.171
150.0	1.121	1.221	1.241	1.322	1.246	1.231	1.035	0.9950	1.126	1.171
153.0	1.166	1.236	1.246	1.322	1.256	1.246	1.071	1.025	1.136	1.171
156.0	1.176	1.256	1.246	1.322	1.262	1.267	1.111	1.070	1.151	1.171
159.0	1.186	1.272	1.261	1.322	1.272	1.287	1.151	1.106	1.166	1.171
162.0	1.216	1.277	1.271	1.322	1.277	1.297	1.181	1.156	1.206	1.176
165.0	1.241	1.277	1.281	1.322	1.282	1.302	1.216	1.166	1.231	1.176
168.0	1.246	1.277	1.277	1.322	1.287	1.302	1.247	1.191	1.262	1.206
171.0	1.261	1.277	1.282	1.317	1.297	1.302	1.272	1.231	1.282	1.236
174.0	1.272	1.277	1.282	1.312	1.302	1.302	1.272	1.241	1.297	1.251
177.0	1.277	1.277	1.282	1.307	1.302	1.302	1.272	1.256	1.297	1.266
180.0	1.277	1.277	1.297	1.307	1.302	1.302	1.272	1.272	1.292	1.297
G/C	300.0	330.0								
0.0	69.46	69.47								
3.0	69.26	69.26								
6.0	68.85	68.80								
9.0	68.24	68.12								
12.0	67.42	67.20								
15.0	66.36	66.04								
18.0	65.09	64.71								
21.0	63.63	63.15								
24.0	61.96	61.36								
27.0	60.10	59.50								
30.0	58.08	57.34								

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:

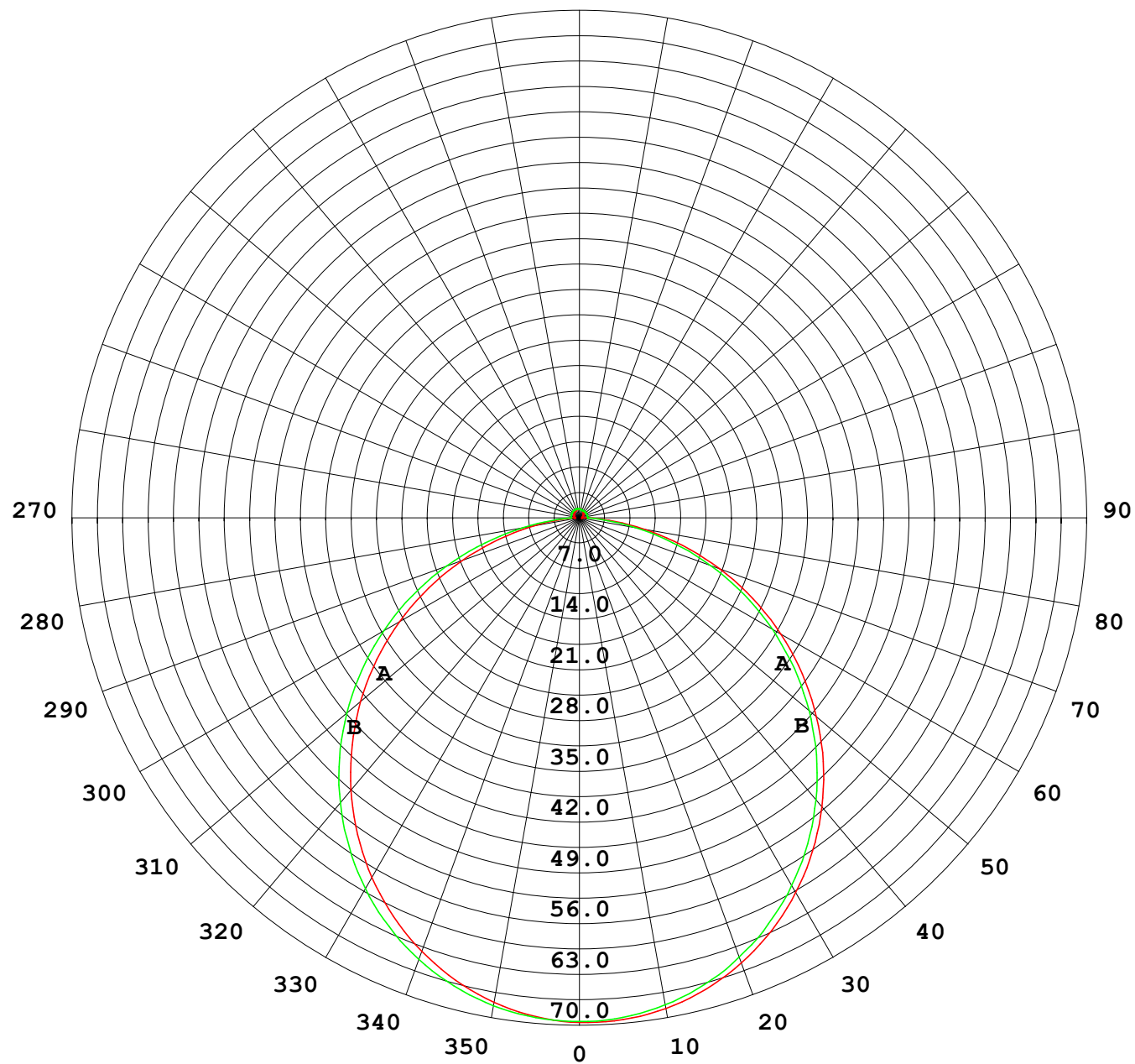
## Photometric Data Table [cd]

33.0	55.86	55.05
36.0	53.49	52.66
39.0	51.01	50.03
42.0	48.35	47.41
45.0	45.56	44.51
48.0	42.62	41.61
51.0	39.62	38.56
54.0	36.47	35.46
57.0	33.22	32.08
60.0	29.98	28.94
63.0	26.63	25.43
66.0	23.13	22.03
69.0	19.72	18.64
72.0	16.18	15.12
75.0	12.69	11.64
78.0	9.347	8.477
81.0	6.296	5.420
84.0	3.619	2.893
87.0	1.700	1.245
90.0	0.9197	0.5186
93.0	0.9349	0.4725
96.0	0.9550	0.4724
99.0	0.9801	0.4724
102.0	1.000	0.5125
105.0	1.010	0.5327
108.0	1.035	0.5629
111.0	1.040	0.5930
114.0	1.050	0.6231
117.0	1.060	0.6433
120.0	1.071	0.6784
123.0	1.086	0.6935
126.0	1.096	0.7336
129.0	1.101	0.7539
132.0	1.116	0.7789
135.0	1.126	0.8290
138.0	1.126	0.8492
141.0	1.126	0.8794
144.0	1.126	0.9197
147.0	1.126	0.9598
150.0	1.131	0.9951
153.0	1.141	1.030
156.0	1.151	1.075
159.0	1.161	1.106
162.0	1.201	1.151
165.0	1.226	1.166
168.0	1.257	1.196
171.0	1.282	1.246
174.0	1.297	1.241
177.0	1.302	1.256
180.0	1.302	1.272

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

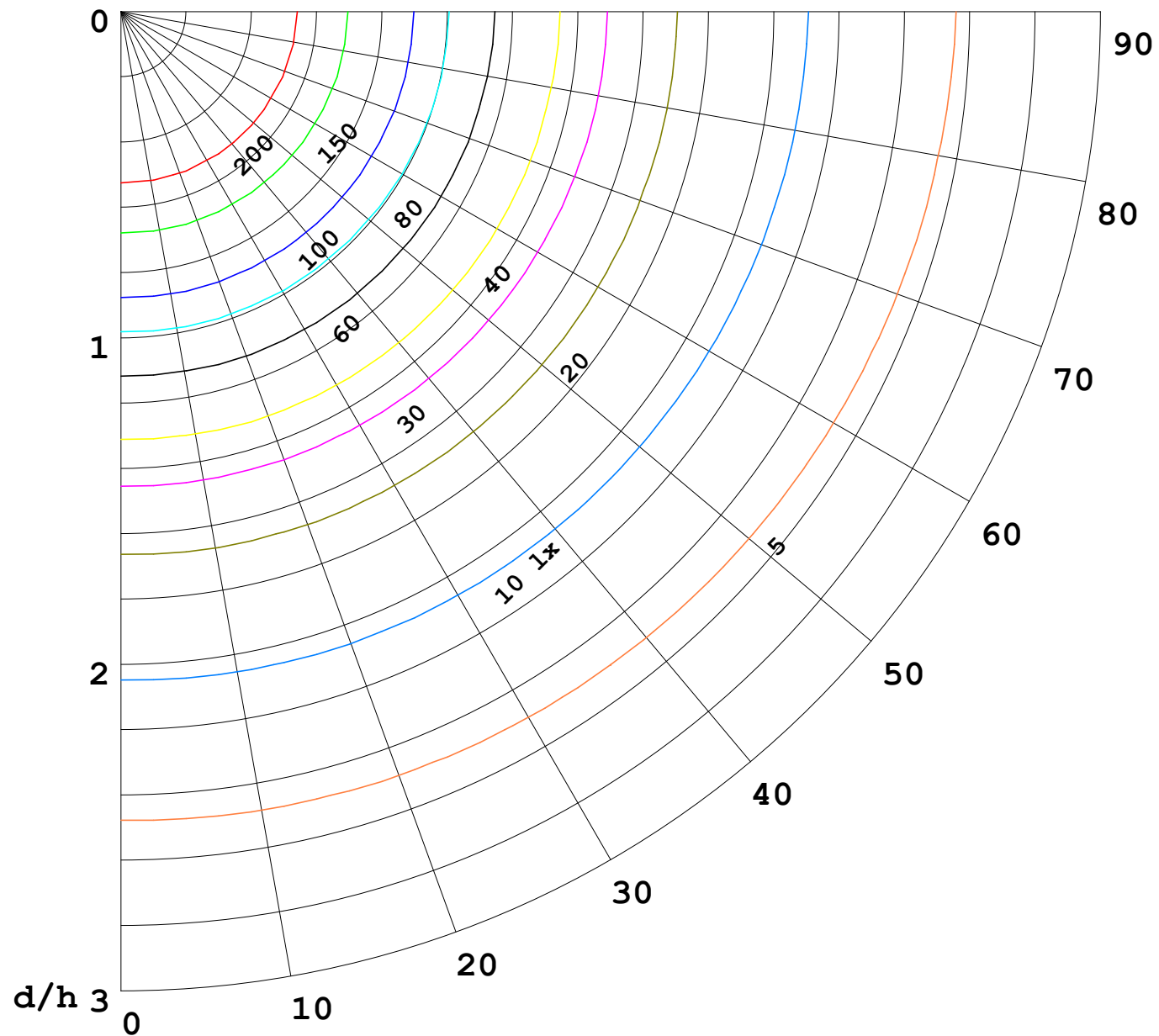
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

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

