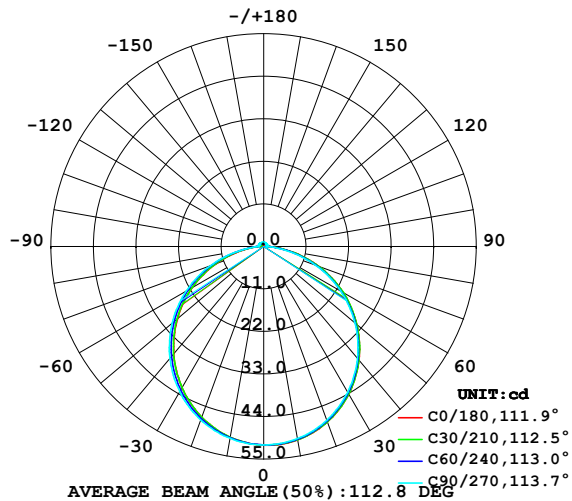


LUMINAIRE PHOTOMETRIC TEST REPORT

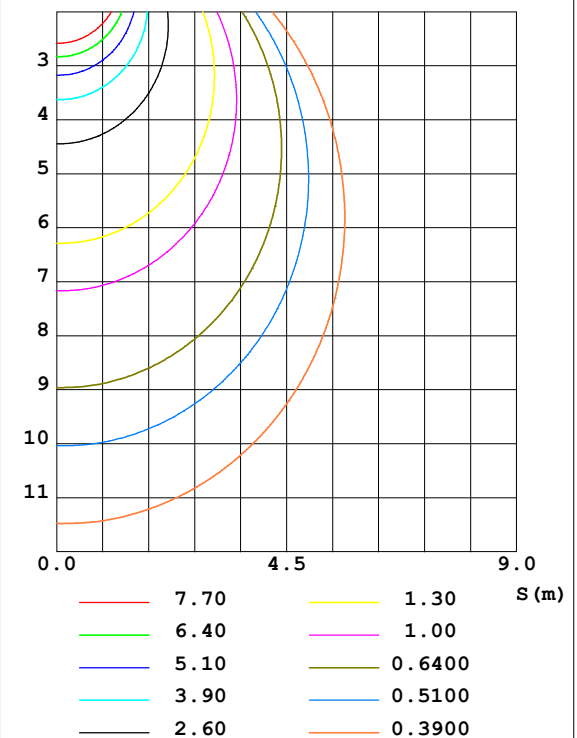
Test:U:24.00V I:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 28.96 lm/W			
MODEL	2835	I _{max} (cd)	51.41	S/MH (C0/180)	1.27
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	153.24	η UP, DN (C0-180)	1.7, 48.4
NOMINAL FLUX (lm)	153.24	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.0, 48.0
LAMPS INSIDE	1	η up (%)	3.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



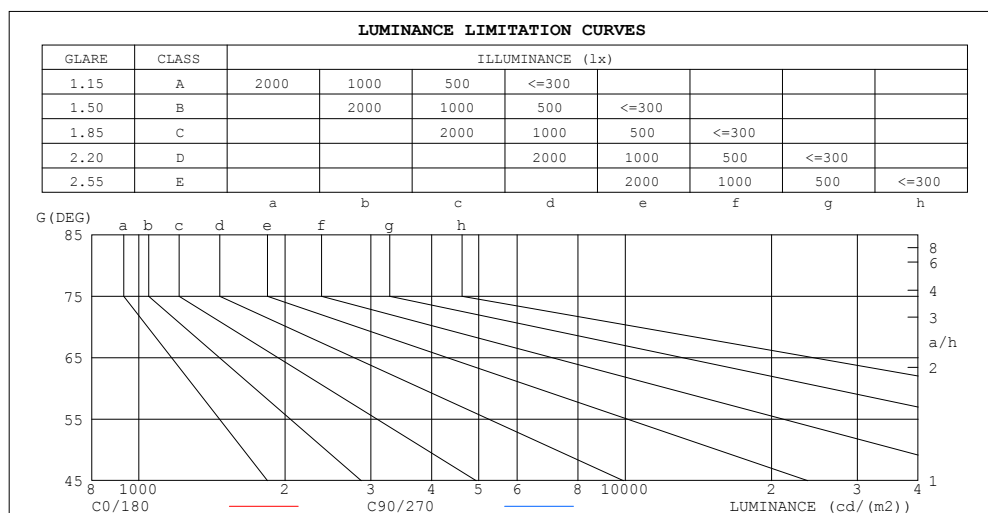
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-08-30

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	50.79	50.67	50.43	50.15	50.08	50.13	50.39	50.55	0- 10	4.854	4.854	3.17,3.17
20	48.27	48.13	47.81	47.25	46.95	47.15	47.71	48.05	10- 20	13.90	18.75	12.2,12.2
30	44.06	43.88	43.51	42.75	42.23	42.55	43.38	43.86	20- 30	21.04	39.79	26,26
40	38.33	38.16	37.75	36.84	36.19	36.70	37.70	38.22	30- 40	25.36	65.15	42.5,42.5
50	31.45	31.27	30.83	29.85	29.12	29.74	30.90	31.33	40- 50	26.34	91.48	59.7,59.7
60	23.64	23.49	22.97	22.01	21.33	22.03	23.12	23.50	50- 60	23.91	115.4	75.3,75.3
70	15.19	14.96	14.34	13.56	13.11	13.86	14.68	15.03	60- 70	18.40	133.8	87.3,87.3
80	6.708	6.399	5.728	5.396	5.280	5.876	6.223	6.477	70- 80	10.66	144.4	94.3,94.3
90	0.9831	0.8520	0.7539	1.111	1.130	1.596	1.423	0.7871	80- 90	3.260	147.7	96.4,96.4
100	0.5396	0.6418	0.8062	0.8217	0.6984	1.262	1.415	0.4825	90-100	0.9776	148.7	97,97
110	0.6029	0.7035	0.8413	0.7862	0.5944	1.168	1.392	0.5578	100-110	0.8622	149.5	97.6,97.6
120	0.6684	0.7564	0.8745	0.7912	0.5977	1.133	1.362	0.6559	110-120	0.8262	150.4	98.1,98.1
130	0.7386	0.8167	0.9113	0.8293	0.6685	1.087	1.307	0.7614	120-130	0.7753	151.1	98.6,98.6
140	0.7990	0.8519	0.9448	0.8695	0.7590	1.046	1.246	0.8518	130-140	0.6982	151.8	99.1,99.1
150	0.8544	0.9121	0.9750	0.9331	0.8444	1.009	1.176	0.8898	140-150	0.5839	152.4	99.5,99.5
160	0.9314	0.9491	1.006	0.9697	0.9349	0.9705	1.081	0.9151	150-160	0.4418	152.9	99.8,99.8
170	0.9648	0.9825	1.017	0.9808	0.9952	0.9675	0.9989	0.9481	160-170	0.2746	153.1	99.9,99.9
180	1.010	1.015	1.015	0.9976	1.025	1.023	0.9951	0.9901	170-180	0.0942	153.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	358	261
80	386	330
75	421	384
70	444	419
65	461	444
60	473	459
55	482	471
50	489	480
45	495	487

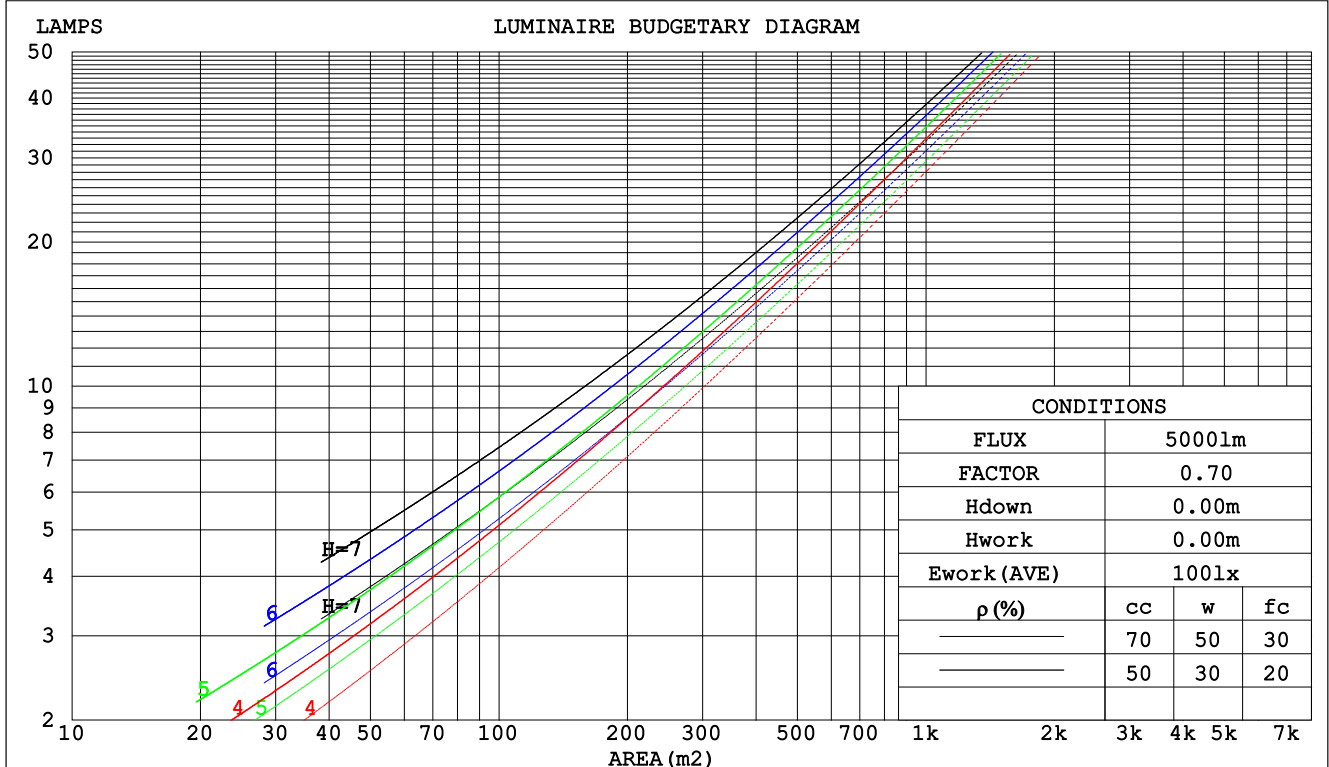
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-08-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.96
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.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	.53	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.36	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.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:2022-08-30

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:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*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	.313	.178	.056	.304	.174	.055	.289	.166	.053	.275	.159	.051	.262	.152	.049	
2.0	.293	.160	.049	.285	.157	.048	.272	.151	.047	.259	.145	.046	.248	.140	.044	
3.0	.270	.144	.043	.264	.141	.043	.252	.136	.041	.240	.132	.040	.230	.127	.039	
4.0	.249	.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	.209	.105	.030	.200	.102	.030	.192	.100	.029	.184	.097	.029	
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.172	.089	.026	
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.025	.161	.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	.143	.072	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.184	.162	.178	.158	.139	.122	.109	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.160	.126	.172	.138	.109	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.089	.113	.085	.062	.065	.050	.037	.021	.016	.012	
4.0	.185	.129	.087	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.076	.153	.103	.066	.105	.072	.046	.061	.042	.028	.020	.014	.009	
6.0	.170	.111	.068	.147	.096	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.097	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.157	.098	.057	.135	.085	.050	.094	.060	.035	.054	.035	.021	.018	.012	.007	
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.125	.077	.045	.087	.054	.032	.051	.032	.019	.016	.011	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2022-08-30

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:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm											
NAME: SF09-24V-2835-70-4000k						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*8mm						SPEC.:		SERIAL No.:20220829			
MFR.: OLYMPIA						SUR.:1*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	10.3	11.8	10.6	12.0	12.3	10.1	11.6	10.5	11.9	12.2	
	3H	11.9	13.2	12.2	13.5	13.8	11.7	13.0	12.0	13.3	13.6
	4H	12.5	13.8	12.9	14.1	14.5	12.3	13.5	12.6	13.9	14.2
	6H	13.0	14.2	13.4	14.6	14.9	12.6	13.9	13.0	14.2	14.6
	8H	13.2	14.3	13.6	14.7	15.1	12.8	13.9	13.1	14.3	14.6
	12H	13.3	14.4	13.7	14.8	15.1	12.8	13.9	13.2	14.3	14.7
4H	2H	10.9	12.2	11.3	12.5	12.8	10.8	12.1	11.1	12.4	12.7
	3H	12.7	13.8	13.1	14.2	14.5	12.5	13.6	12.9	14.0	14.3
	4H	13.5	14.5	13.9	14.9	15.3	13.2	14.2	13.6	14.6	15.0
	6H	14.1	15.0	14.5	15.4	15.8	13.7	14.6	14.2	15.0	15.5
	8H	14.3	15.1	14.7	15.6	16.0	13.9	14.7	14.3	15.1	15.6
	12H	14.4	15.2	14.9	15.7	16.1	13.9	14.7	14.4	15.2	15.7
8H	4H	13.7	14.6	14.2	15.0	15.5	13.5	14.3	13.9	14.8	15.2
	6H	14.5	15.2	15.0	15.7	16.2	14.1	14.8	14.6	15.3	15.8
	8H	14.8	15.4	15.3	15.9	16.4	14.4	15.0	14.9	15.5	16.0
	12H	15.0	15.6	15.6	16.1	16.6	14.5	15.1	15.1	15.6	16.1
12H	4H	13.7	14.5	14.2	14.9	15.4	13.5	14.3	14.0	14.7	15.2
	6H	14.5	15.2	15.0	15.6	16.2	14.2	14.8	14.7	15.3	15.8
	8H	14.9	15.4	15.4	15.9	16.5	14.5	15.0	15.0	15.5	16.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 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 153.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.5)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-08-30

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

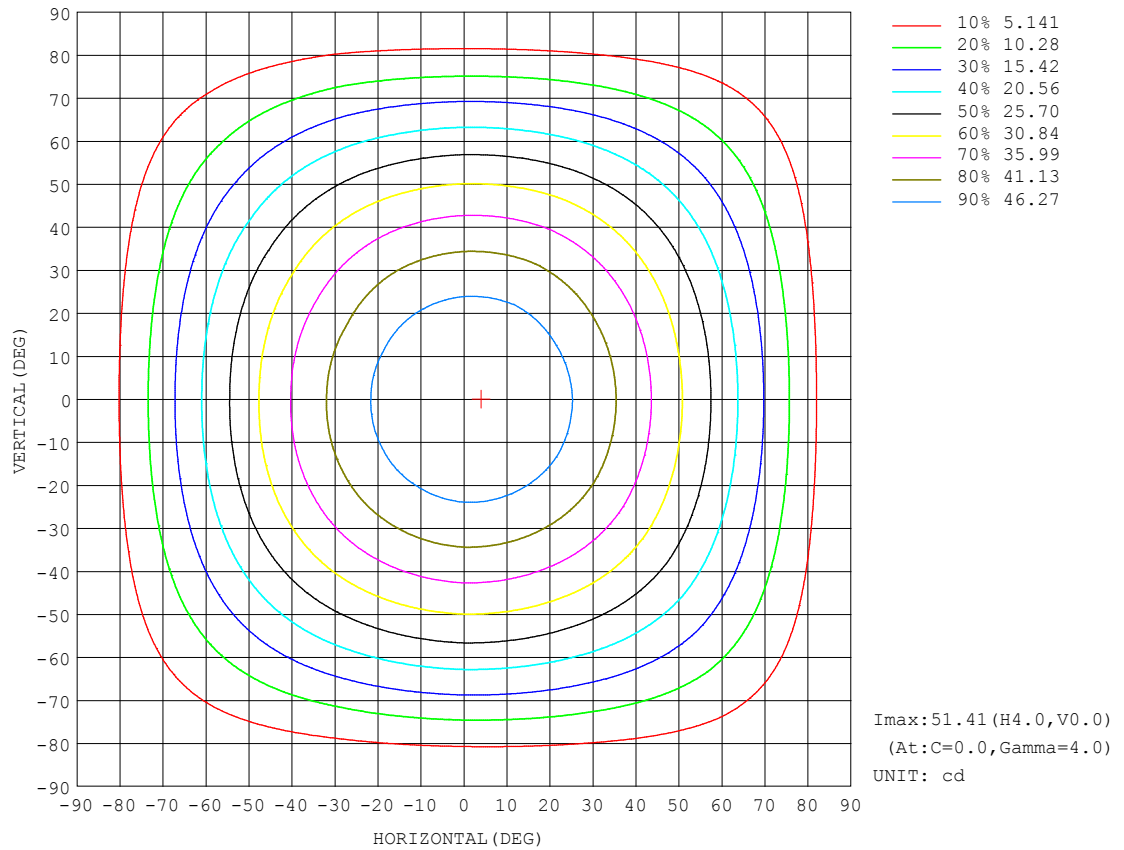
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	77	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	87	81	75	67
2.50	97	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	89	80
5.00	107	102	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:2022-08-30

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:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

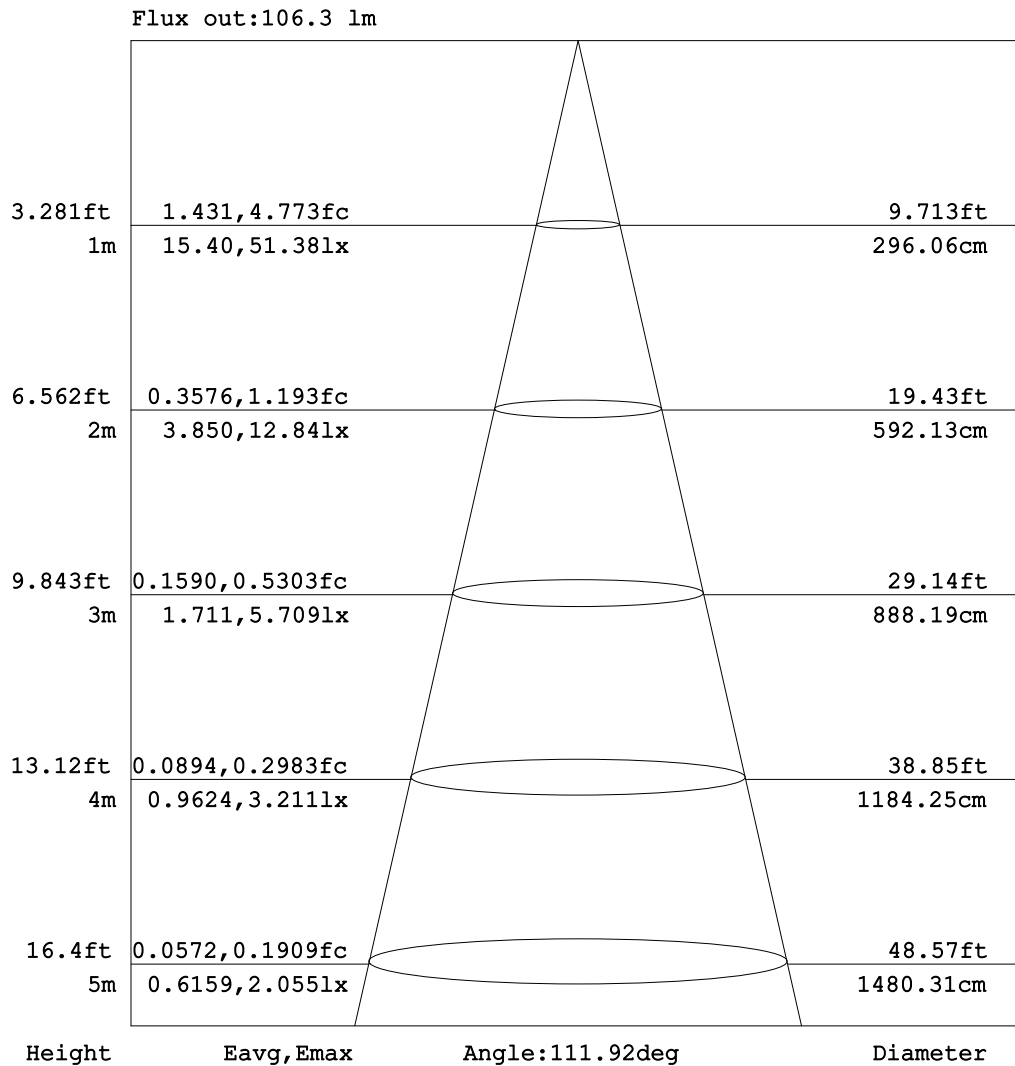


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-08-30

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:

AAI Figure

Test:U:24.00V I:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



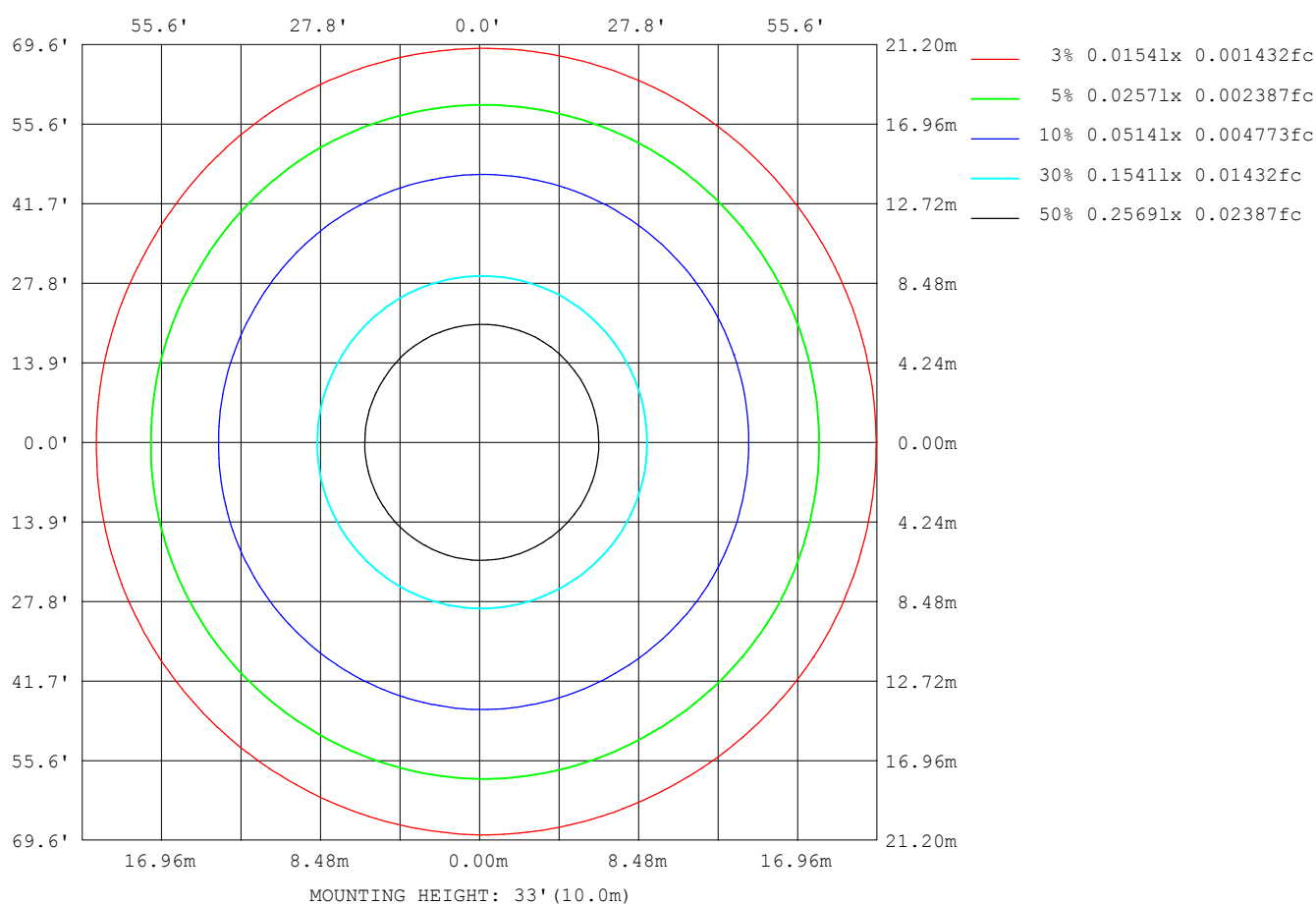
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-08-30

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

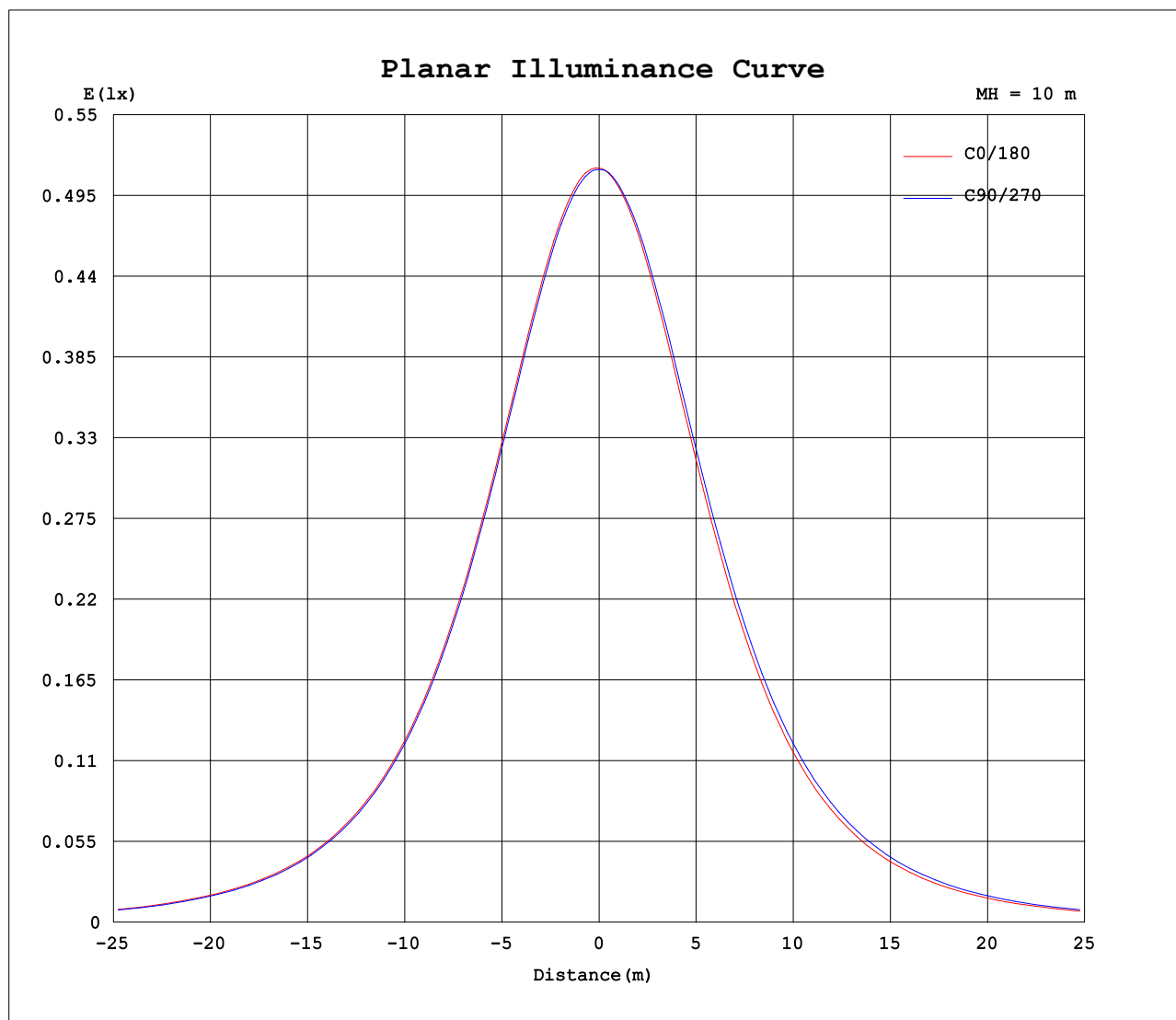
Test:U:24.00V I:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-08-30

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-08-30

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2205A P:5.292W PF:1.000 Lamp Flux:153.24x1 lm		
NAME: SF09-24V-2835-70-4000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220829
MFR.: OLYMPIA	SUR.:1*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	51.4	51.4	51.3	51.3	51.3	51.2	51.4	51.4	51.3	51.3	51.3	51.2						
5	51.4	51.3	51.2	51.1	51.0	50.9	51.0	51.0	51.0	51.1	51.1	51.2						
10	50.8	50.7	50.6	50.4	50.2	50.1	50.1	50.1	50.2	50.4	50.5	50.6						
15	49.8	49.7	49.5	49.3	49.0	48.8	48.7	48.7	49.0	49.2	49.5	49.6						
20	48.3	48.2	48.0	47.8	47.4	47.1	47.0	46.9	47.4	47.7	48.0	48.1						
25	46.4	46.4	46.1	45.9	45.4	45.0	44.8	44.7	45.3	45.7	46.2	46.1						
30	44.1	44.0	43.7	43.5	42.9	42.6	42.2	42.2	42.9	43.4	43.9	43.8						
35	41.4	41.4	41.0	40.8	40.2	39.7	39.3	39.5	40.1	40.7	41.2	41.2						
40	38.3	38.3	38.0	37.8	37.1	36.6	36.2	36.3	37.1	37.7	38.2	38.2						
45	35.0	35.0	34.7	34.4	33.7	33.2	32.8	32.9	33.8	34.5	34.9	35.0						
50	31.5	31.5	31.1	30.8	30.1	29.6	29.1	29.3	30.2	30.9	31.3	31.3						
55	27.6	27.7	27.2	27.0	26.3	25.8	25.3	25.5	26.5	27.2	27.5	27.6						
60	23.6	23.8	23.2	23.0	22.2	21.8	21.3	21.5	22.5	23.1	23.5	23.5						
65	19.5	19.6	19.0	18.8	18.0	17.6	17.2	17.4	18.5	18.9	19.3	19.4						
70	15.2	15.3	14.6	14.3	13.7	13.4	13.1	13.3	14.4	14.7	15.0	15.1						
75	10.9	10.9	10.3	9.94	9.40	9.24	9.01	9.27	10.2	10.3	10.6	10.8						
80	6.71	6.71	6.08	5.73	5.38	5.41	5.28	5.53	6.22	6.22	6.36	6.59						
85	3.12	3.11	2.58	2.28	2.25	2.49	2.45	2.72	3.08	2.86	2.70	2.95						
90	0.98	0.92	0.79	0.75	1.02	1.20	1.13	1.50	1.69	1.42	0.80	0.77						
95	0.53	0.60	0.68	0.77	0.87	1.00	0.91	1.29	1.50	1.42	0.54	0.38						
100	0.54	0.60	0.69	0.81	0.81	0.83	0.70	1.11	1.42	1.42	0.58	0.38						
105	0.55	0.63	0.69	0.82	0.80	0.78	0.60	1.02	1.40	1.41	0.62	0.39						
110	0.60	0.68	0.73	0.84	0.80	0.77	0.59	0.97	1.37	1.39	0.67	0.44						
115	0.62	0.71	0.76	0.86	0.80	0.77	0.60	0.94	1.36	1.38	0.73	0.47						
120	0.67	0.74	0.77	0.87	0.80	0.78	0.60	0.93	1.33	1.36	0.79	0.52						
125	0.69	0.77	0.79	0.90	0.81	0.80	0.62	0.93	1.31	1.33	0.84	0.56						
130	0.74	0.81	0.82	0.91	0.83	0.82	0.67	0.93	1.24	1.31	0.91	0.61						
135	0.77	0.84	0.84	0.92	0.85	0.85	0.71	0.93	1.20	1.27	0.98	0.68						
140	0.80	0.86	0.84	0.94	0.86	0.88	0.76	0.93	1.16	1.25	1.00	0.71						
145	0.83	0.89	0.86	0.96	0.90	0.91	0.80	0.93	1.11	1.22	1.00	0.75						
150	0.85	0.92	0.90	0.98	0.93	0.93	0.84	0.93	1.09	1.18	1.00	0.78						
155	0.89	0.94	0.92	0.99	0.94	0.96	0.89	0.93	1.04	1.13	0.99	0.82						
160	0.93	0.97	0.93	1.01	0.95	0.99	0.93	0.94	1.01	1.08	0.99	0.85						
165	0.93	0.99	0.94	1.02	0.96	0.99	0.97	0.94	1.00	1.03	0.98	0.87						
170	0.96	1.01	0.95	1.02	0.96	1.00	1.00	0.94	1.00	1.00	0.98	0.92						
175	0.99	1.02	0.98	1.02	0.98	1.00	1.02	0.96	1.01	0.99	0.99	0.94						
180	1.01	1.02	1.01	1.02	1.00	1.00	1.03	1.02	1.03	1.00	1.00	0.99						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2022-08-30

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	51.38	51.35	51.30	51.29	51.26	51.22	51.38	51.35	51.30	51.29
3.0	51.40	51.35	51.32	51.22	51.18	51.07	51.19	51.18	51.16	51.24
6.0	51.29	51.20	51.14	51.00	50.88	50.73	50.82	50.81	50.85	50.98
9.0	50.95	50.88	50.77	50.59	50.43	50.27	50.30	50.28	50.38	50.56
12.0	50.45	50.40	50.24	50.06	49.80	49.59	49.60	49.58	49.77	49.99
15.0	49.77	49.72	49.54	49.33	49.02	48.81	48.74	48.70	48.99	49.24
18.0	48.93	48.88	48.67	48.45	48.10	47.83	47.72	47.73	48.05	48.38
21.0	47.92	47.91	47.66	47.44	47.02	46.70	46.55	46.54	46.99	47.33
24.0	46.78	46.75	46.49	46.25	45.79	45.46	45.24	45.22	45.75	46.20
27.0	45.49	45.46	45.18	44.95	44.44	44.02	43.79	43.80	44.39	44.84
30.0	44.06	44.05	43.72	43.51	42.94	42.55	42.23	42.20	42.90	43.38
33.0	42.48	42.47	42.14	41.92	41.32	40.86	40.53	40.52	41.30	41.85
36.0	40.78	40.77	40.43	40.20	39.59	39.07	38.73	38.80	39.56	40.12
39.0	38.97	38.97	38.61	38.39	37.74	37.25	36.85	36.93	37.71	38.35
42.0	37.04	37.06	36.68	36.46	35.78	35.27	34.85	34.94	35.78	36.47
45.0	35.03	35.02	34.66	34.43	33.75	33.17	32.75	32.91	33.76	34.46
48.0	32.90	32.92	32.51	32.33	31.60	31.08	30.60	30.77	31.65	32.34
51.0	30.70	30.73	30.31	30.10	29.37	28.83	28.37	28.55	29.49	30.13
54.0	28.40	28.51	28.00	27.79	27.06	26.54	26.08	26.29	27.23	27.92
57.0	26.05	26.19	25.62	25.45	24.67	24.19	23.73	23.93	24.93	25.57
60.0	23.64	23.79	23.20	22.97	22.24	21.77	21.33	21.51	22.55	23.12
63.0	21.17	21.26	20.70	20.43	19.74	19.29	18.89	19.12	20.13	20.75
66.0	18.64	18.73	18.14	17.88	17.17	16.81	16.44	16.65	17.69	18.07
69.0	16.06	16.14	15.52	15.23	14.56	14.27	13.93	14.13	15.18	15.61
72.0	13.48	13.47	12.90	12.57	11.97	11.74	11.45	11.72	12.66	12.99
75.0	10.89	10.94	10.28	9.939	9.398	9.236	9.013	9.270	10.17	10.34
78.0	8.322	8.331	7.704	7.336	6.895	6.854	6.697	6.942	7.761	7.957
81.0	5.928	5.918	5.305	4.944	4.631	4.709	4.621	4.860	5.510	5.469
84.0	3.748	3.743	3.170	2.854	2.746	2.951	2.904	3.166	3.592	3.464
87.0	2.026	1.982	1.578	1.319	1.491	1.747	1.711	2.008	2.269	1.989
90.0	0.9831	0.9182	0.7858	0.7539	1.021	1.201	1.130	1.498	1.693	1.423
93.0	0.5887	0.6698	0.6836	0.7640	0.9301	1.075	0.9545	1.357	1.562	1.421
96.0	0.5343	0.5680	0.6835	0.7790	0.8546	0.9645	0.8589	1.237	1.482	1.418
99.0	0.5383	0.5931	0.6834	0.8001	0.8143	0.8592	0.7334	1.131	1.422	1.416
102.0	0.5423	0.6132	0.6894	0.8182	0.8091	0.7989	0.6631	1.066	1.412	1.414
105.0	0.5463	0.6333	0.6936	0.8192	0.7997	0.7768	0.5980	1.020	1.402	1.408
108.0	0.5628	0.6584	0.7186	0.8333	0.8004	0.7735	0.5937	0.9851	1.382	1.402
111.0	0.5981	0.6786	0.7436	0.8453	0.8011	0.7703	0.5947	0.9650	1.362	1.387
114.0	0.6130	0.7037	0.7538	0.8534	0.8019	0.7671	0.5957	0.9499	1.352	1.383
117.0	0.6282	0.7238	0.7613	0.8655	0.8026	0.7639	0.5967	0.9348	1.347	1.377
120.0	0.6684	0.7438	0.7689	0.8745	0.8033	0.7790	0.5977	0.9343	1.332	1.362
123.0	0.6785	0.7689	0.7840	0.8916	0.8041	0.7991	0.6082	0.9338	1.322	1.342
126.0	0.7034	0.7840	0.7941	0.8976	0.8191	0.8042	0.6333	0.9333	1.281	1.327
129.0	0.7236	0.7992	0.8239	0.9079	0.8318	0.8192	0.6635	0.9328	1.246	1.307
132.0	0.7615	0.8192	0.8342	0.9147	0.8393	0.8393	0.6886	0.9323	1.236	1.287
135.0	0.7702	0.8393	0.8380	0.9248	0.8468	0.8544	0.7138	0.9318	1.201	1.272
138.0	0.7789	0.8544	0.8418	0.9398	0.8593	0.8695	0.7439	0.9313	1.166	1.256
141.0	0.7991	0.8645	0.8493	0.9449	0.8743	0.8896	0.7690	0.9308	1.146	1.231
144.0	0.8271	0.8846	0.8693	0.9579	0.8944	0.8997	0.7991	0.9303	1.116	1.216
147.0	0.8363	0.9046	0.8745	0.9672	0.9198	0.9148	0.8193	0.9309	1.101	1.196
150.0	0.8544	0.9198	0.9045	0.9750	0.9314	0.9348	0.8444	0.9320	1.085	1.176
153.0	0.8744	0.9348	0.9118	0.9861	0.9365	0.9499	0.8745	0.9332	1.080	1.156
156.0	0.9145	0.9499	0.9186	0.9951	0.9424	0.9600	0.8997	0.9344	1.030	1.121
159.0	0.9305	0.9700	0.9253	1.004	0.9499	0.9850	0.9249	0.9355	1.010	1.096
162.0	0.9331	0.9800	0.9340	1.011	0.9549	0.9911	0.9450	0.9367	1.000	1.065
165.0	0.9348	0.9901	0.9405	1.018	0.9586	0.9941	0.9701	0.9379	0.9951	1.030
168.0	0.9498	1.005	0.9548	1.017	0.9624	0.9956	0.9851	0.9390	0.9952	1.005
171.0	0.9600	1.012	0.9549	1.017	0.9649	0.9971	1.005	0.9448	0.9952	0.9976
174.0	0.9899	1.016	0.9749	1.016	0.9800	0.9986	1.010	0.9549	1.010	0.9939
177.0	1.000	1.020	0.9850	1.015	0.9850	1.000	1.025	0.9799	1.020	0.9901
180.0	1.010	1.020	1.010	1.015	0.9951	1.000	1.025	1.020	1.025	0.9951
G/C	300.0	330.0								
0.0	51.26	51.22								
3.0	51.22	51.25								
6.0	51.01	51.11								
9.0	50.65	50.76								
12.0	50.16	50.25								
15.0	49.49	49.56								
18.0	48.67	48.74								
21.0	47.70	47.74								
24.0	46.56	46.57								
27.0	45.29	45.32								
30.0	43.88	43.83								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2022-08-30

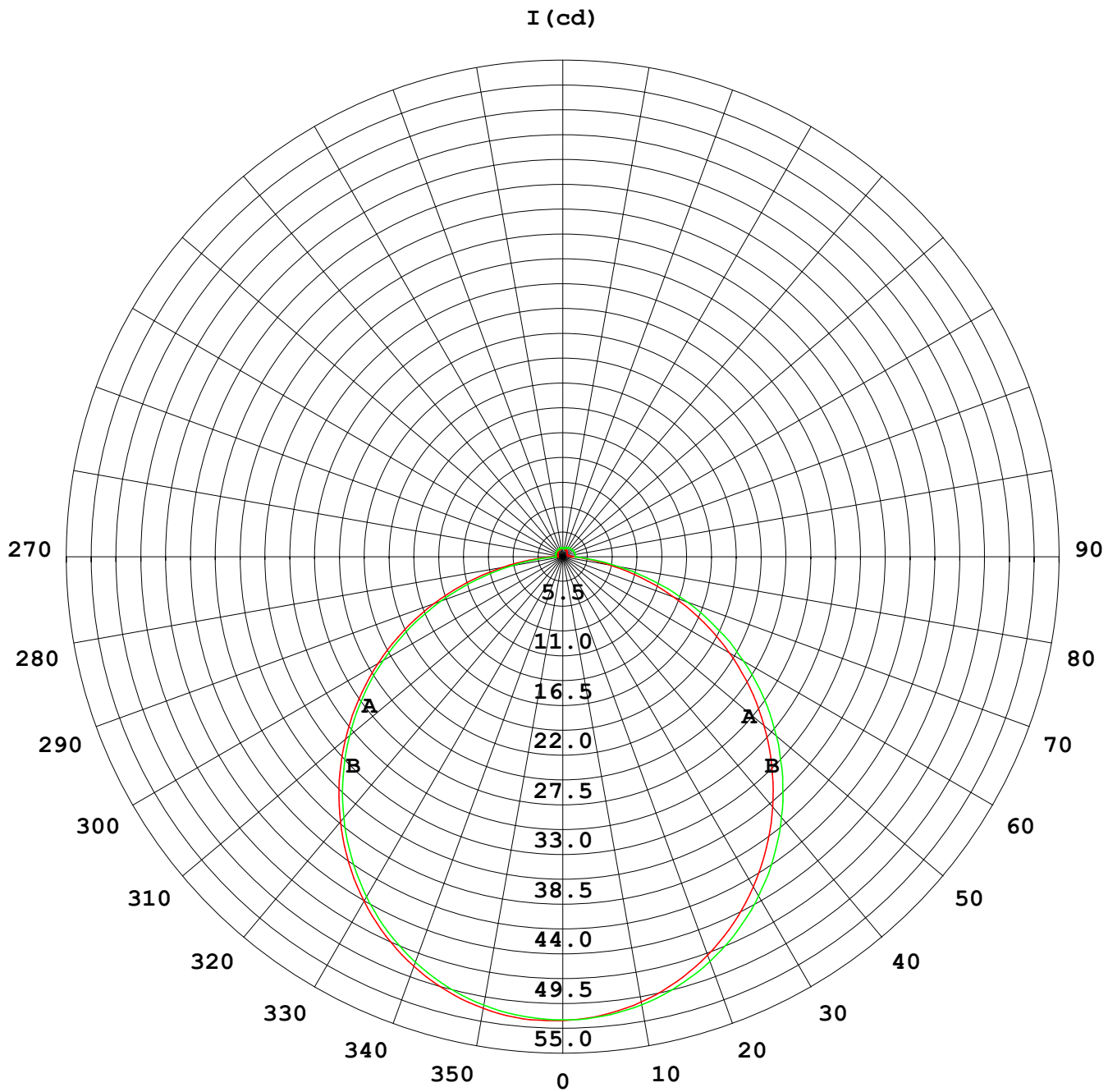
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	42.34	42.36
36.0	40.66	40.59
39.0	38.87	38.86
42.0	36.95	36.95
45.0	34.93	34.95
48.0	32.79	32.78
51.0	30.58	30.57
54.0	28.28	28.33
57.0	25.91	25.98
60.0	23.47	23.54
63.0	20.96	21.10
66.0	18.41	18.55
69.0	15.82	15.97
72.0	13.19	13.40
75.0	10.58	10.80
78.0	7.997	8.209
81.0	5.554	5.791
84.0	3.349	3.590
87.0	1.609	1.819
90.0	0.8031	0.7712
93.0	0.6116	0.4176
96.0	0.5529	0.3780
99.0	0.5780	0.3810
102.0	0.5982	0.3839
105.0	0.6183	0.3869
108.0	0.6535	0.4170
111.0	0.6886	0.4373
114.0	0.7188	0.4573
117.0	0.7540	0.4824
120.0	0.7941	0.5176
123.0	0.8194	0.5427
126.0	0.8595	0.5878
129.0	0.9047	0.5981
132.0	0.9449	0.6332
135.0	0.9801	0.6834
138.0	0.9927	0.6835
141.0	0.9964	0.7186
144.0	0.9971	0.7517
147.0	0.9964	0.7609
150.0	0.9957	0.7839
153.0	1.0000	0.7941
156.0	0.9890	0.8242
159.0	0.9860	0.8432
162.0	0.9830	0.8493
165.0	0.9800	0.8744
168.0	0.9770	0.9145
171.0	0.9801	0.9246
174.0	0.9891	0.9347
177.0	0.9951	0.9498
180.0	0.9951	0.9850

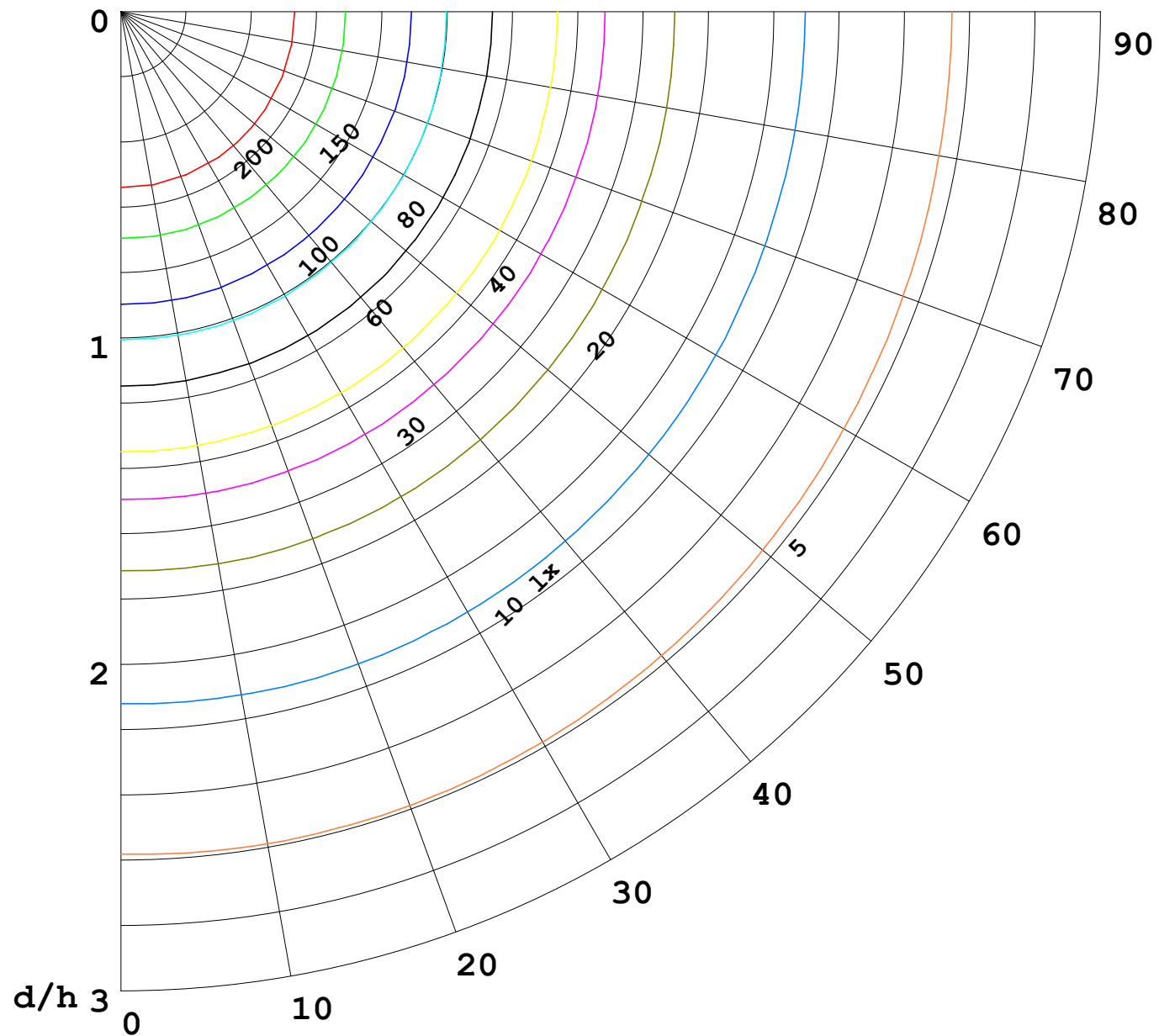
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2022-08-30

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:



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

