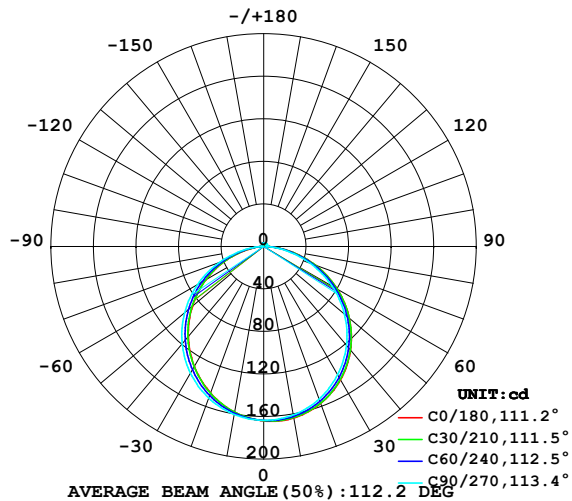


LUMINAIRE PHOTOMETRIC TEST REPORT

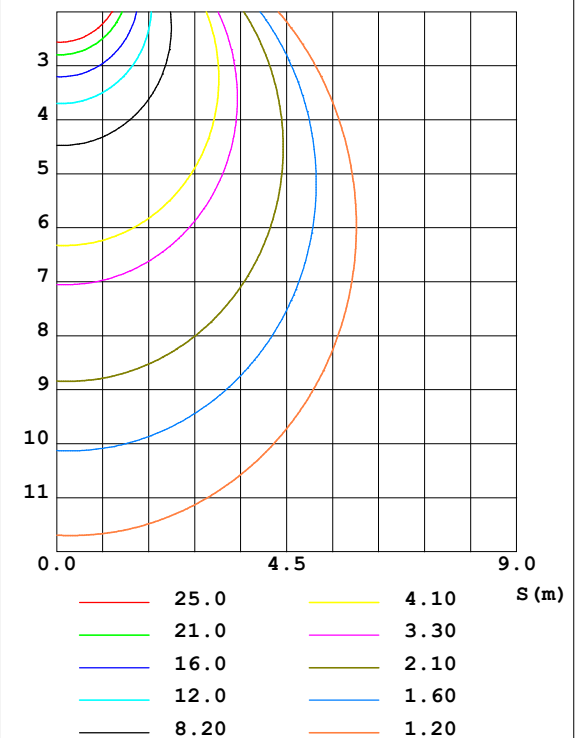
Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.46 lm/W			
MODEL	2835	I _{max} (cd)	164.7	S/MH (C0/180)	1.31
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	481.69	η UP, DN (C0-180)	1.7, 49.5
NOMINAL FLUX (lm)	481.688	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 47.4
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)



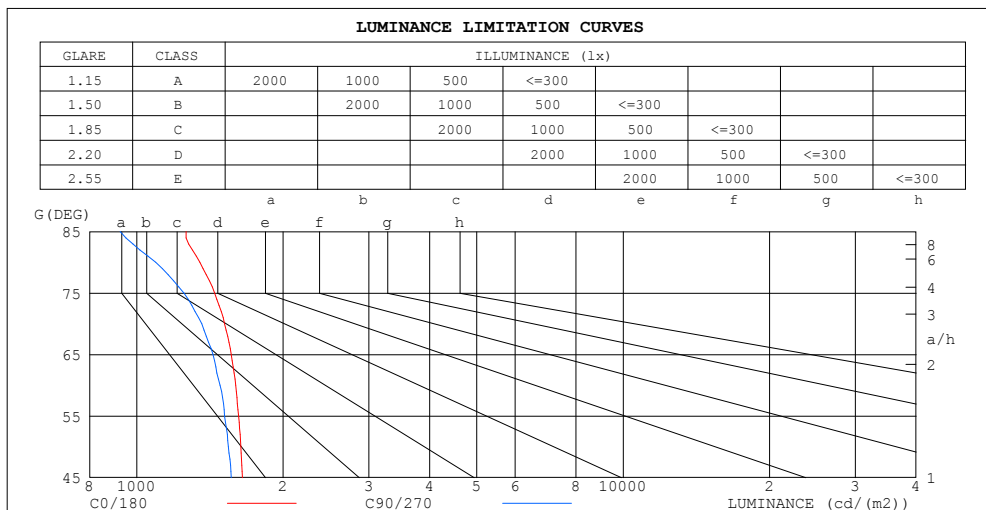
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.500m [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	163.7	162.8	160.9	158.6	158.2	158.7	160.4	162.1	0- 10	15.47	15.47	3.21,3.21
20	157.0	155.8	152.7	148.3	146.6	148.0	151.7	155.0	10- 20	44.29	59.76	12.4,12.4
30	144.7	143.1	139.1	133.3	130.3	132.4	137.8	142.2	20- 30	67.04	126.8	26.3,26.3
40	127.2	125.6	121.2	114.1	110.4	113.0	119.4	124.6	30- 40	80.78	207.6	43.1,43.1
50	105.2	103.8	99.14	91.69	87.53	90.38	97.11	102.8	40- 50	83.83	291.4	60.5,60.5
60	79.91	78.55	74.21	66.74	62.74	65.24	71.79	77.34	50- 60	75.88	367.3	76.3,76.3
70	51.85	50.61	46.51	40.08	36.71	38.93	44.29	49.65	60- 70	57.92	425.2	88.3,88.3
80	23.41	22.29	18.98	14.70	12.47	13.86	17.15	21.31	70- 80	32.86	458.1	95.1,95.1
90	2.997	3.084	2.985	2.239	1.040	1.317	1.743	1.949	80- 90	9.083	467.2	97,97
100	1.610	2.321	3.018	2.350	1.159	1.437	1.735	1.234	90-100	1.995	469.2	97.4,97.4
110	1.859	2.478	3.103	2.569	1.447	1.682	1.879	1.496	100-110	2.068	471.2	97.8,97.8
120	2.101	2.638	3.155	2.720	1.755	1.948	2.029	1.725	110-120	2.143	473.4	98.3,98.3
130	2.350	2.756	3.168	2.858	2.075	2.203	2.252	1.977	120-130	2.112	475.5	98.7,98.7
140	2.553	2.900	3.195	2.952	2.377	2.475	2.455	2.262	130-140	1.971	477.4	99.1,99.1
150	2.769	3.005	3.208	3.047	2.678	2.740	2.704	2.556	140-150	1.723	479.2	99.5,99.5
160	2.978	3.077	3.221	3.119	2.953	2.956	2.906	2.808	150-160	1.349	480.5	99.8,99.8
170	3.109	3.152	3.221	3.168	3.162	3.129	3.083	3.028	160-170	0.8668	481.4	99.9,99.9
180	3.201	3.211	3.208	3.204	3.195	3.214	3.201	3.172	170-180	0.3013	481.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1263	924
80	1348	1093
75	1446	1250
70	1516	1360
65	1565	1435
60	1598	1484
55	1620	1515
50	1637	1542
45	1650	1564

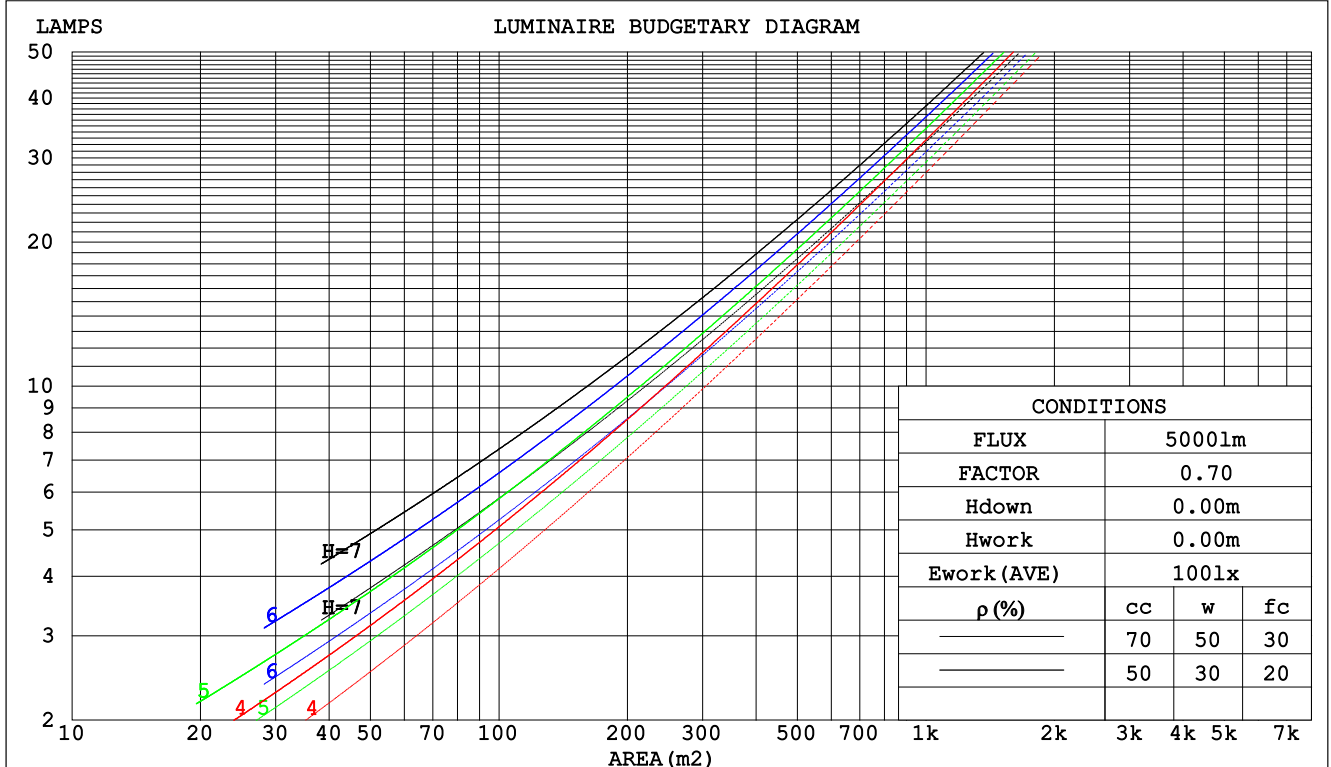
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	.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	.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:WFW
Test Date:2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	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	.176	.056	.301	.172	.055	.286	.164	.052	.273	.157	.050	.260	.151	.049		
2.0	.291	.159	.049	.284	.156	.048	.270	.150	.047	.258	.145	.045	.247	.140	.044		
3.0	.269	.143	.043	.263	.141	.042	.251	.136	.041	.240	.131	.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	.186	.094	.027	.179	.092	.027	.173	.090	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.213	.213	.213	.182	.182	.182	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.203	.179	.158	.174	.154	.136	.119	.106	.094	.069	.061	.055	.022	.020	.018	
2.0	.195	.155	.121	.167	.134	.105	.115	.092	.073	.066	.054	.043	.021	.017	.014	
3.0	.188	.138	.098	.161	.119	.085	.111	.083	.060	.064	.048	.035	.021	.016	.011	
4.0	.180	.125	.082	.155	.108	.071	.106	.075	.050	.062	.044	.030	.020	.014	.010	
5.0	.173	.114	.071	.148	.099	.062	.102	.069	.044	.059	.041	.026	.019	.013	.009	
6.0	.166	.106	.063	.142	.092	.055	.098	.064	.039	.057	.038	.023	.018	.012	.008	
7.0	.159	.099	.057	.137	.086	.050	.094	.060	.035	.055	.035	.021	.018	.012	.007	
8.0	.152	.093	.053	.131	.081	.046	.091	.057	.033	.053	.034	.019	.017	.011	.006	
9.0	.146	.088	.049	.126	.077	.043	.087	.054	.030	.051	.032	.018	.016	.010	.006	
10.0	.141	.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:WFW
 Test Date:2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.500m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm										
NAME: SF08-24V-2835-120-2500K-U2						TYPE:硅胶			WEIGHT:	
DIM.: 10MM*10MM						SPEC.:			SERIAL No.:202303012	
MFR.: OLYMPIA						SUR.:1.0*0.010			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	14.7	16.2	15.0	16.4	16.7	14.4	15.9	14.7	16.2	16.4
3H	16.4	17.7	16.7	18.0	18.3	16.0	17.3	16.3	17.6	17.9
4H	17.0	18.3	17.4	18.6	19.0	16.6	17.8	16.9	18.2	18.5
6H	17.5	18.8	17.9	19.1	19.4	17.0	18.2	17.3	18.5	18.9
8H	17.7	18.9	18.1	19.2	19.6	17.1	18.3	17.5	18.6	18.9
12H	17.8	19.0	18.2	19.3	19.7	17.1	18.3	17.5	18.6	19.0
4H 2H	15.3	16.6	15.7	16.9	17.2	15.1	16.4	15.5	16.7	17.0
3H	17.2	18.3	17.6	18.6	19.0	16.8	18.0	17.2	18.3	18.7
4H	18.0	19.0	18.4	19.4	19.8	17.6	18.6	18.0	19.0	19.4
6H	18.6	19.5	19.0	19.9	20.4	18.1	19.0	18.5	19.4	19.8
8H	18.8	19.7	19.3	20.1	20.6	18.3	19.1	18.7	19.5	20.0
12H	19.0	19.8	19.5	20.2	20.7	18.4	19.1	18.8	19.6	20.1
8H 4H	18.2	19.1	18.7	19.5	20.0	17.9	18.7	18.3	19.1	19.6
6H	19.0	19.7	19.5	20.2	20.7	18.6	19.3	19.1	19.7	20.2
8H	19.4	20.0	19.9	20.5	21.0	18.8	19.4	19.3	19.9	20.4
12H	19.6	20.2	20.1	20.7	21.2	19.0	19.5	19.5	20.0	20.6
12H 4H	18.2	19.0	18.7	19.5	19.9	17.9	18.7	18.4	19.1	19.6
6H	19.1	19.7	19.6	20.2	20.7	18.6	19.3	19.1	19.7	20.3
8H	19.5	20.0	20.0	20.5	21.0	18.9	19.5	19.5	20.0	20.5
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					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 481.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.5)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	PROTECTION ANGLE:

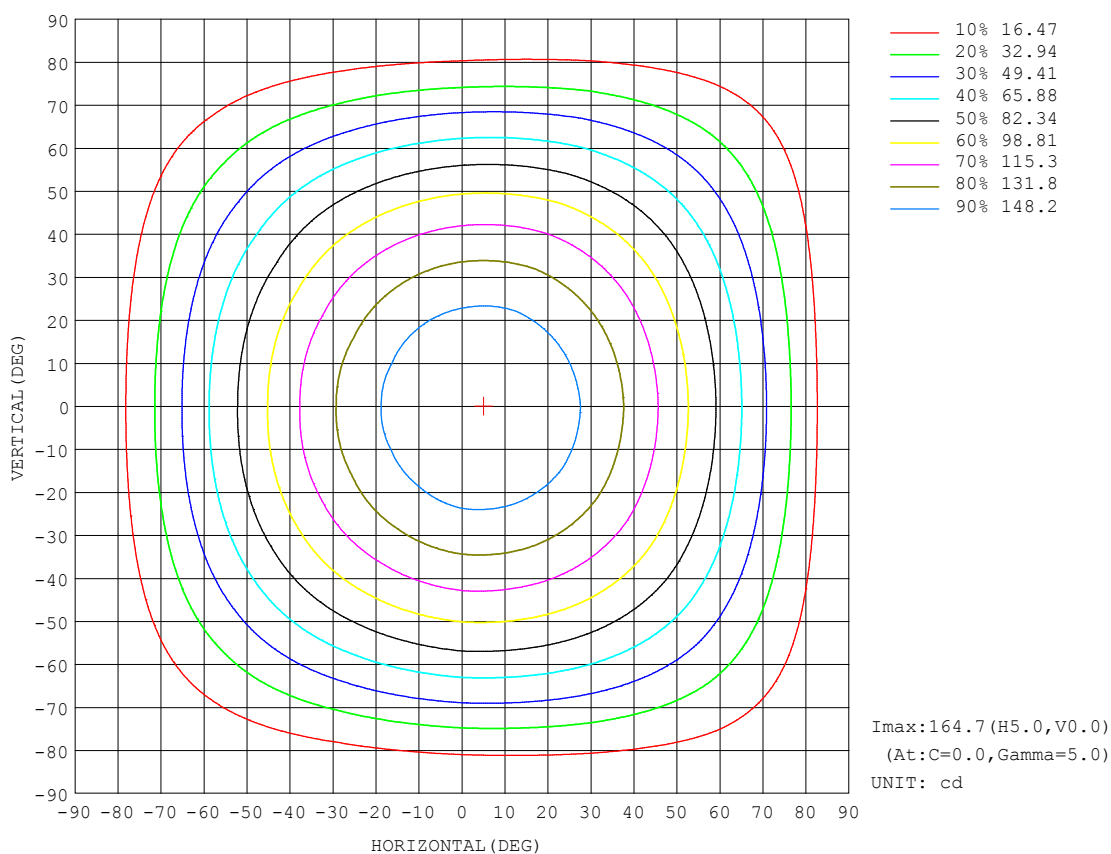
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	54	44	38	31
0.80	67	55	47	65	54	47	63	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	77	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	91	85	81	72
3.00	101	94	89	99	93	87	94	89	85	76
4.00	105	100	95	103	98	93	98	94	90	80
5.00	108	103	99	105	101	97	100	97	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	PROTECTION ANGLE:

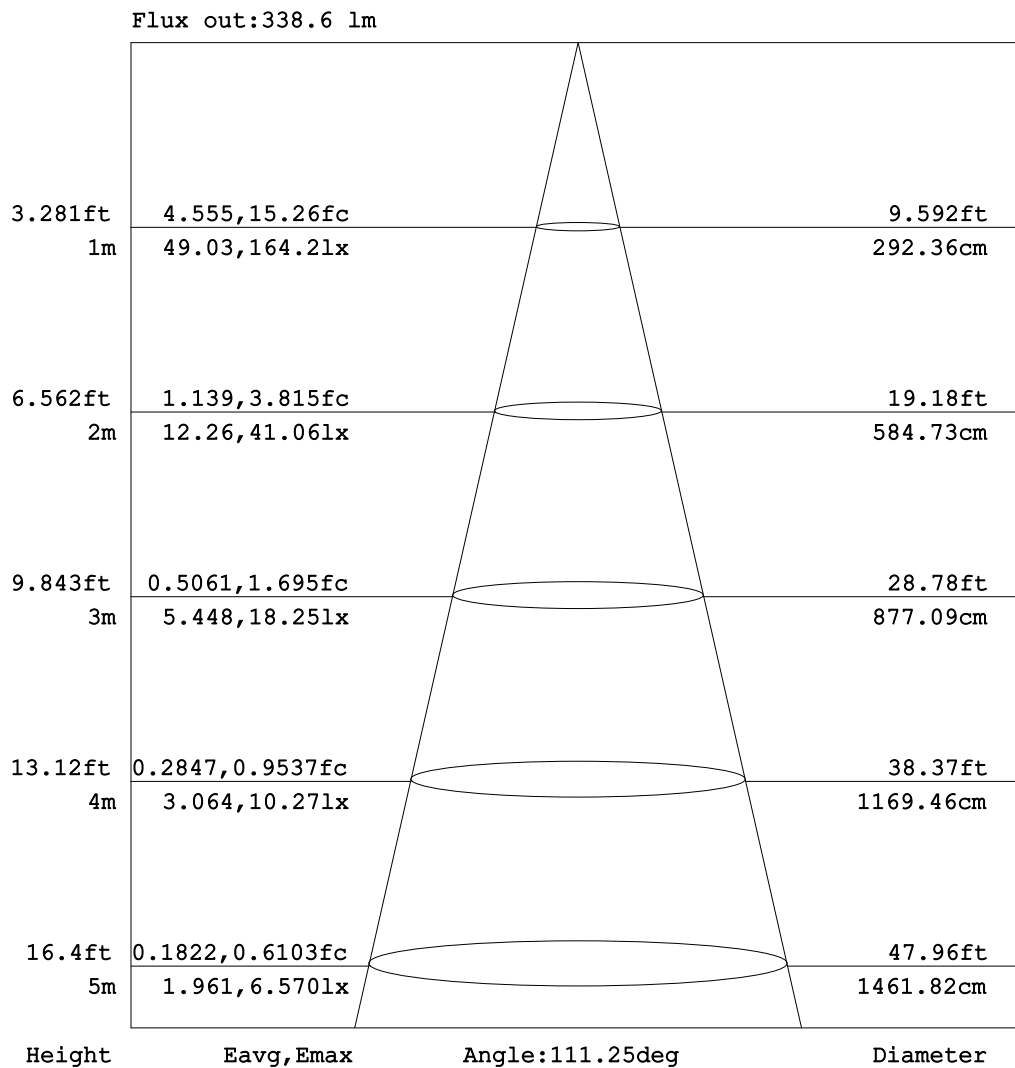


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	PROTECTION ANGLE:



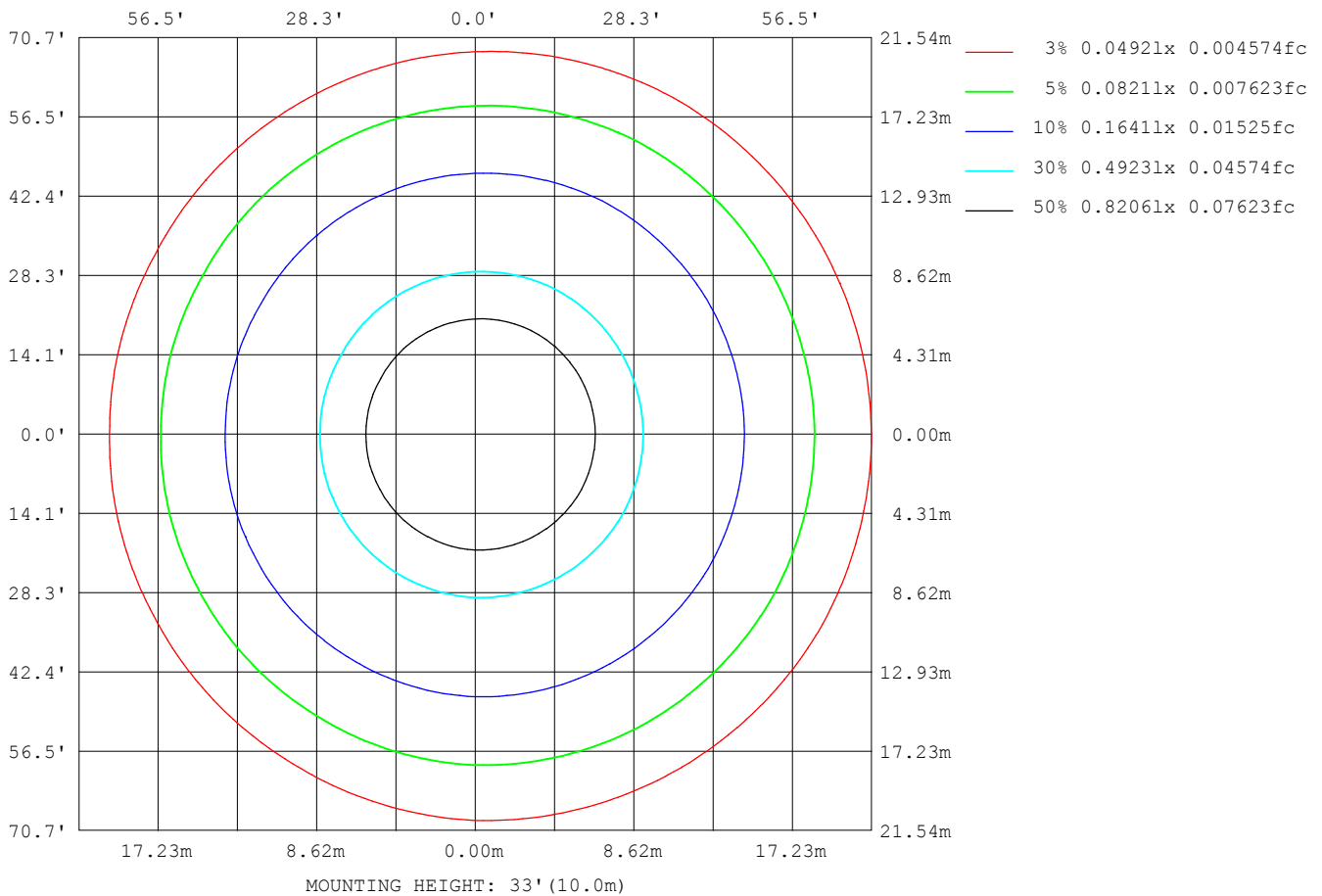
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

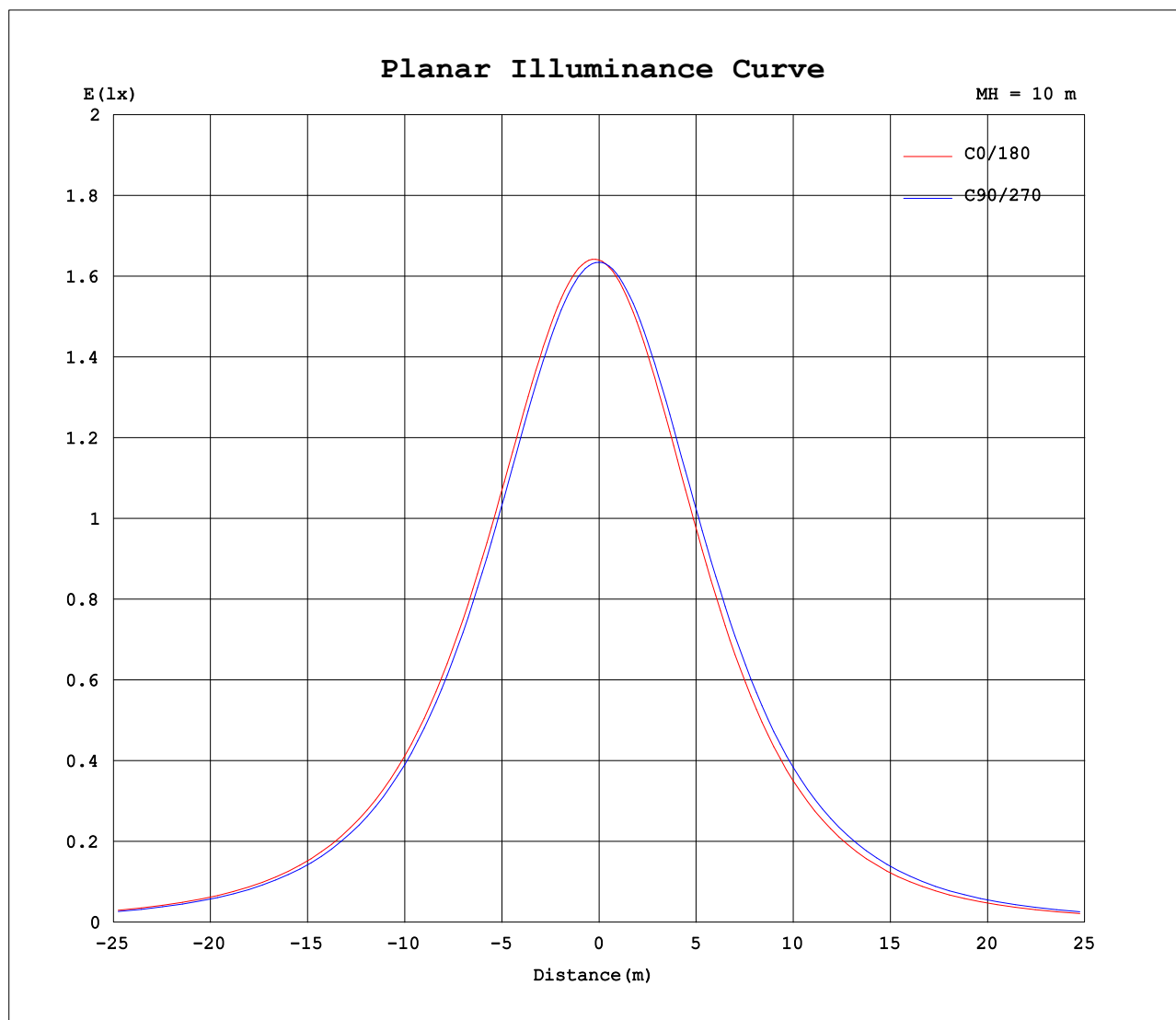
Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4143A P:9.940W PF:1.000 Lamp Flux:481.688x1 lm		
NAME: SF08-24V-2835-120-2500K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303012
MFR.: OLYMPIA	SUR.:1.0*0.010	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	164	164	164	163	163	163	164	164	164	163	163	163							
5	165	164	164	163	162	161	162	162	162	163	163	164							
10	164	163	162	161	159	158	158	158	159	160	162	163							
15	161	161	159	157	155	153	153	153	155	157	159	160							
20	157	157	155	153	149	147	147	147	149	152	154	156							
25	152	151	149	147	143	140	139	139	142	145	148	150							
30	145	144	142	139	135	132	130	131	134	138	141	143							
35	137	136	134	131	126	122	121	121	125	129	133	135							
40	127	127	124	121	116	112	110	111	115	119	124	126							
45	117	116	114	111	105	101	99.2	100	104	109	113	115							
50	105	105	102	99.1	93.7	89.7	87.5	88.4	92.3	97.1	102	104							
55	92.9	92.9	90.3	86.9	81.5	77.5	75.4	76.1	80.1	84.8	89.4	91.6							
60	79.9	79.7	77.4	74.2	68.7	64.8	62.7	63.2	67.2	71.8	76.3	78.3							
65	66.1	66.0	63.6	60.7	55.3	51.7	49.7	50.5	54.1	58.2	62.6	64.9							
70	51.9	51.8	49.4	46.5	41.6	38.5	36.7	37.2	40.6	44.3	48.6	50.7							
75	37.4	37.3	35.2	32.4	28.2	25.6	23.9	24.5	27.2	30.3	34.3	36.1							
80	23.4	23.1	21.4	19.0	15.6	13.8	12.5	12.9	14.8	17.2	20.5	22.1							
85	11.0	10.9	9.68	8.06	6.05	5.13	4.11	4.28	5.14	6.51	8.60	9.84							
90	3.00	3.06	3.11	2.99	2.48	2.00	1.04	1.26	1.37	1.74	1.80	2.10							
95	1.56	1.78	2.72	2.99	2.45	2.04	1.02	1.17	1.45	1.72	1.34	0.98							
100	1.61	1.88	2.76	3.02	2.56	2.14	1.16	1.30	1.58	1.73	1.45	1.01							
105	1.73	1.98	2.85	3.06	2.66	2.26	1.30	1.41	1.70	1.81	1.57	1.14							
110	1.86	2.07	2.89	3.10	2.76	2.38	1.45	1.55	1.81	1.88	1.69	1.30							
115	1.98	2.17	2.93	3.14	2.81	2.47	1.60	1.70	1.94	1.95	1.79	1.41							
120	2.10	2.28	2.99	3.16	2.87	2.57	1.75	1.83	2.06	2.03	1.91	1.54							
125	2.24	2.42	2.99	3.16	2.93	2.64	1.91	1.97	2.17	2.16	2.02	1.72							
130	2.35	2.53	2.99	3.17	2.99	2.73	2.08	2.12	2.29	2.25	2.12	1.83							
135	2.46	2.66	2.99	3.18	2.99	2.81	2.23	2.25	2.42	2.34	2.25	1.98							
140	2.55	2.80	3.00	3.19	3.02	2.88	2.38	2.40	2.55	2.45	2.39	2.13							
145	2.66	2.88	3.02	3.21	3.08	2.95	2.54	2.55	2.67	2.57	2.53	2.30							
150	2.77	2.95	3.06	3.21	3.09	3.00	2.68	2.68	2.80	2.70	2.65	2.47							
155	2.87	3.00	3.10	3.21	3.12	3.06	2.82	2.79	2.91	2.80	2.77	2.59							
160	2.98	3.06	3.10	3.22	3.12	3.12	2.95	2.90	3.01	2.91	2.89	2.73							
165	3.05	3.12	3.11	3.22	3.13	3.17	3.06	3.00	3.10	2.99	2.99	2.87							
170	3.11	3.18	3.12	3.22	3.14	3.20	3.16	3.10	3.16	3.08	3.08	2.97							
175	3.19	3.21	3.18	3.21	3.17	3.21	3.19	3.16	3.21	3.12	3.16	3.09							
180	3.20	3.21	3.21	3.21	3.20	3.21	3.19	3.21	3.21	3.20	3.21	3.14							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [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	164.1	163.8	163.6	163.5	163.4	163.2	164.1	163.8	163.6	163.5
3.0	164.6	164.3	163.8	163.3	162.7	162.3	162.9	162.7	162.9	163.2
6.0	164.7	164.2	163.5	162.6	161.5	160.8	161.3	161.1	161.6	162.4
9.0	164.1	163.7	162.6	161.4	159.9	158.8	159.0	159.0	159.8	161.0
12.0	162.9	162.5	161.2	159.7	157.7	156.3	156.3	156.3	157.6	159.1
15.0	161.1	160.8	159.3	157.4	155.0	153.3	153.0	153.1	154.8	156.7
18.0	158.9	158.6	156.8	154.8	151.9	149.9	149.3	149.6	151.5	153.8
21.0	156.1	155.7	153.8	151.6	148.2	145.9	145.1	145.4	147.8	150.4
24.0	152.8	152.5	150.3	147.9	144.2	141.7	140.6	141.0	143.6	146.7
27.0	149.0	148.6	146.5	143.7	139.8	136.9	135.6	136.1	139.0	142.4
30.0	144.7	144.2	142.1	139.1	134.9	131.7	130.3	130.8	134.0	137.8
33.0	139.9	139.6	137.2	134.3	129.7	126.3	124.7	125.2	128.7	132.7
36.0	134.8	134.4	132.0	128.9	124.1	120.5	118.7	119.4	122.9	127.3
39.0	129.1	128.8	126.3	123.1	118.1	114.4	112.5	113.2	117.0	121.4
42.0	123.1	122.8	120.3	117.2	111.9	108.0	106.0	106.7	110.6	115.2
45.0	116.7	116.5	113.9	110.6	105.3	101.3	99.23	100.1	103.9	108.7
48.0	109.9	109.6	107.2	103.9	98.46	94.48	92.29	92.89	97.06	101.8
51.0	102.8	102.7	100.1	96.87	91.34	87.28	85.18	85.84	89.94	94.72
54.0	95.42	95.31	92.76	89.49	83.97	79.97	77.86	78.43	82.59	87.38
57.0	87.73	87.61	85.11	82.16	76.36	72.53	70.31	70.93	75.06	79.73
60.0	79.91	79.75	77.36	74.21	68.67	64.82	62.74	63.23	67.25	71.79
63.0	71.70	71.44	69.22	66.04	60.78	56.95	54.94	55.69	59.34	63.93
66.0	63.33	63.16	60.89	57.81	52.66	49.13	47.12	47.86	51.39	55.39
69.0	54.75	54.65	52.35	49.31	44.40	41.13	39.40	39.85	43.29	47.23
72.0	46.10	45.83	43.77	40.70	36.27	33.21	31.54	32.21	35.11	38.84
75.0	37.42	37.31	35.19	32.36	28.19	25.62	23.95	24.49	27.23	30.32
78.0	28.89	28.68	26.77	24.14	20.37	18.24	16.85	17.22	19.63	22.55
81.0	20.73	20.56	18.82	16.49	13.38	11.70	10.47	10.86	12.60	14.72
84.0	13.21	13.06	11.72	9.933	7.570	6.442	5.379	5.645	6.723	8.368
87.0	7.040	6.882	6.186	5.164	3.633	3.098	2.161	2.266	2.755	3.658
90.0	2.997	3.058	3.110	2.985	2.482	1.997	1.040	1.258	1.375	1.743
93.0	1.691	1.819	2.723	2.979	2.455	1.997	0.9887	1.172	1.408	1.715
96.0	1.565	1.800	2.723	2.998	2.481	2.062	1.048	1.198	1.486	1.715
99.0	1.571	1.859	2.769	2.998	2.546	2.115	1.120	1.250	1.545	1.735
102.0	1.662	1.905	2.795	3.031	2.599	2.180	1.211	1.335	1.624	1.767
105.0	1.728	1.977	2.854	3.057	2.664	2.259	1.303	1.414	1.696	1.813
108.0	1.819	2.030	2.880	3.090	2.710	2.331	1.388	1.505	1.768	1.840
111.0	1.885	2.082	2.893	3.116	2.763	2.390	1.480	1.590	1.846	1.885
114.0	1.970	2.147	2.920	3.136	2.815	2.449	1.572	1.663	1.918	1.944
117.0	2.029	2.206	2.959	3.155	2.860	2.508	1.657	1.741	1.990	1.983
120.0	2.101	2.285	2.991	3.155	2.874	2.566	1.755	1.833	2.062	2.029
123.0	2.167	2.364	2.985	3.155	2.926	2.625	1.847	1.931	2.115	2.088
126.0	2.245	2.442	2.985	3.168	2.933	2.671	1.938	1.990	2.193	2.160
129.0	2.304	2.520	2.985	3.168	2.978	2.717	2.036	2.082	2.265	2.225
132.0	2.383	2.593	2.985	3.168	2.985	2.769	2.128	2.167	2.337	2.278
135.0	2.461	2.658	2.985	3.182	2.992	2.808	2.226	2.252	2.422	2.343
138.0	2.507	2.750	2.992	3.188	3.024	2.848	2.324	2.350	2.494	2.409
141.0	2.572	2.828	2.998	3.195	3.044	2.887	2.410	2.441	2.573	2.481
144.0	2.657	2.867	3.018	3.208	3.083	2.933	2.508	2.520	2.651	2.566
147.0	2.716	2.913	3.024	3.208	3.083	2.972	2.593	2.599	2.737	2.631
150.0	2.769	2.946	3.063	3.208	3.090	3.005	2.678	2.677	2.802	2.704
153.0	2.828	2.972	3.090	3.208	3.096	3.038	2.763	2.762	2.874	2.775
156.0	2.880	3.011	3.096	3.201	3.116	3.077	2.848	2.821	2.933	2.821
159.0	2.946	3.038	3.096	3.227	3.123	3.103	2.927	2.880	2.985	2.887
162.0	2.992	3.070	3.110	3.221	3.129	3.136	2.992	2.965	3.044	2.939
165.0	3.050	3.116	3.110	3.221	3.129	3.168	3.064	2.998	3.097	2.992
168.0	3.090	3.149	3.110	3.221	3.129	3.188	3.123	3.063	3.123	3.044
171.0	3.129	3.188	3.123	3.221	3.142	3.208	3.162	3.096	3.162	3.096
174.0	3.168	3.214	3.155	3.214	3.162	3.208	3.195	3.155	3.195	3.109
177.0	3.201	3.214	3.195	3.208	3.182	3.208	3.195	3.201	3.214	3.136
180.0	3.201	3.214	3.208	3.208	3.201	3.208	3.195	3.214	3.214	3.201
G/C	300.0	330.0								
0.0	163.4	163.2								
3.0	163.4	163.6								
6.0	163.0	163.6								
9.0	162.1	162.9								
12.0	160.7	161.7								
15.0	158.7	159.9								
18.0	156.2	157.5								
21.0	153.3	154.7								
24.0	149.8	151.2								
27.0	145.8	147.6								
30.0	141.4	143.1								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-03-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.500m [K=1.0000]
 Remarks:

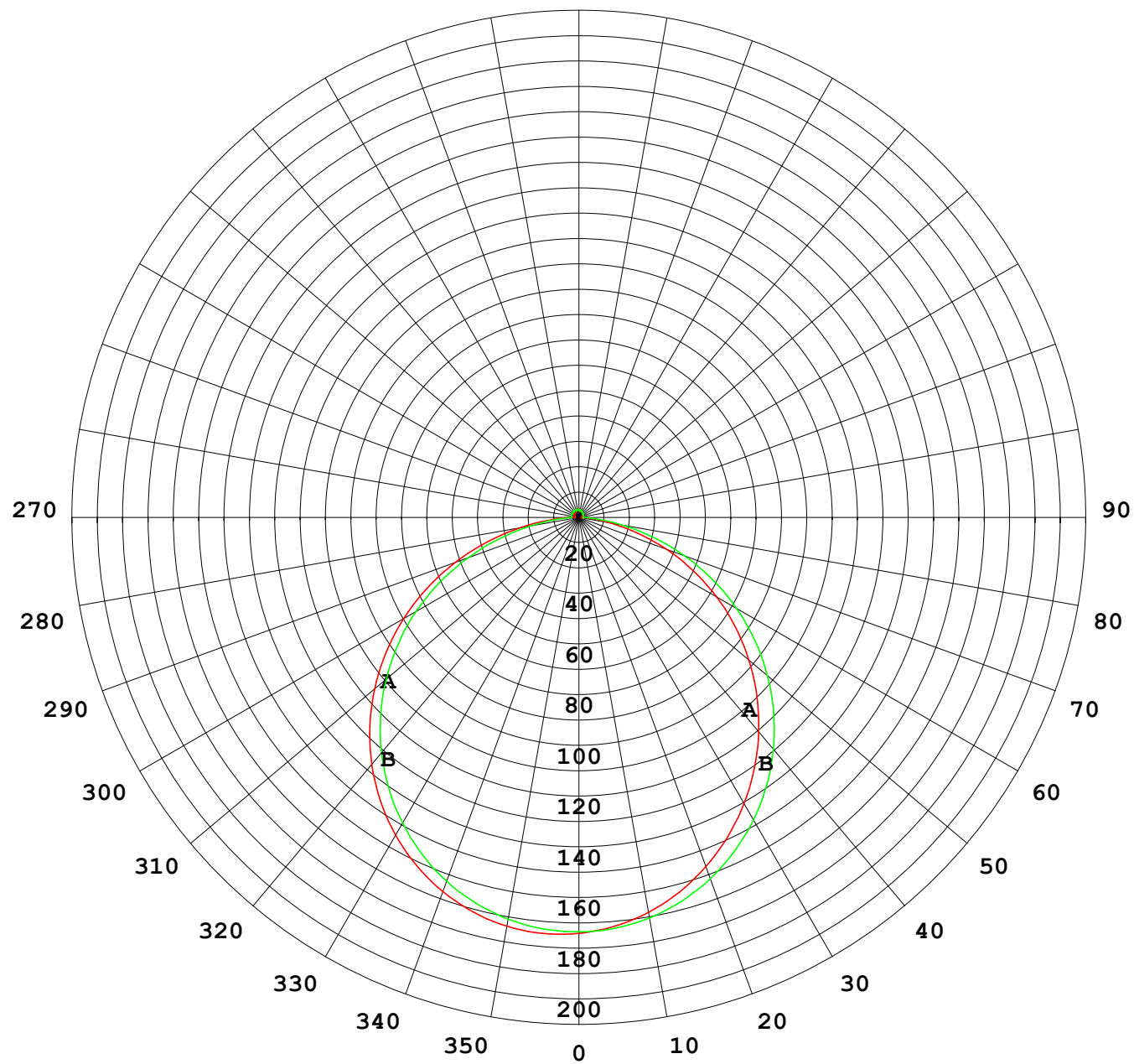
Photometric Data Table [cd]

33.0	136.5	138.4
36.0	131.2	133.1
39.0	125.6	127.6
42.0	119.5	121.5
45.0	113.1	115.2
48.0	106.4	108.5
51.0	99.30	101.5
54.0	91.94	94.18
57.0	84.24	86.35
60.0	76.34	78.35
63.0	68.17	70.13
66.0	59.86	61.86
69.0	51.37	53.37
72.0	42.77	44.80
75.0	34.27	36.10
78.0	25.82	27.75
81.0	17.88	19.48
84.0	10.79	12.01
87.0	5.111	6.079
90.0	1.796	2.103
93.0	1.316	1.049
96.0	1.362	0.9820
99.0	1.434	0.9886
102.0	1.506	1.073
105.0	1.571	1.139
108.0	1.637	1.230
111.0	1.702	1.322
114.0	1.768	1.394
117.0	1.833	1.473
120.0	1.905	1.545
123.0	1.971	1.636
126.0	2.049	1.722
129.0	2.102	1.819
132.0	2.180	1.898
135.0	2.246	1.983
138.0	2.331	2.068
141.0	2.416	2.167
144.0	2.488	2.265
147.0	2.573	2.357
150.0	2.645	2.468
153.0	2.724	2.553
156.0	2.802	2.631
159.0	2.868	2.710
162.0	2.940	2.782
165.0	2.992	2.874
168.0	3.051	2.920
171.0	3.097	2.992
174.0	3.143	3.044
177.0	3.188	3.103
180.0	3.208	3.136

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-27

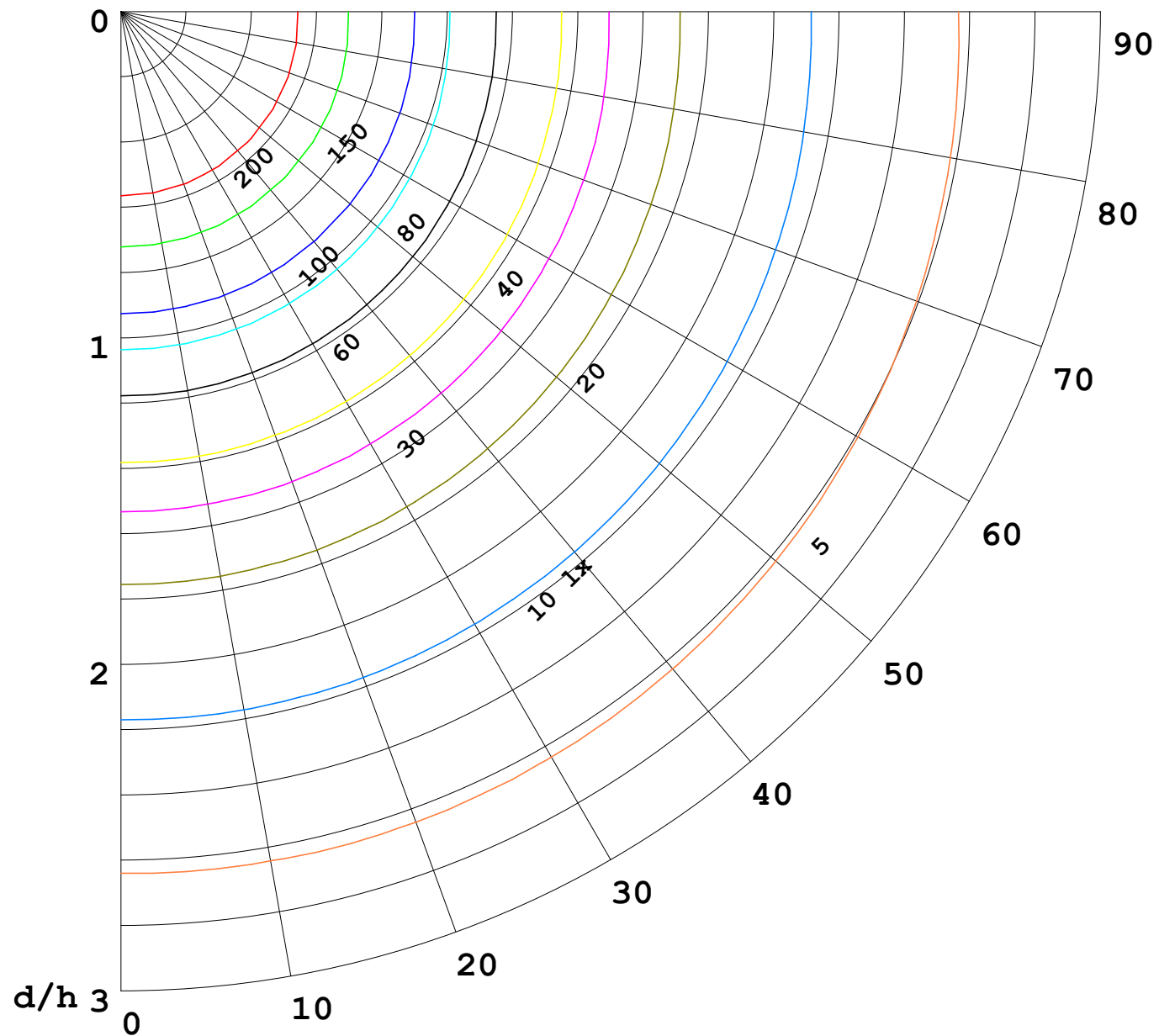
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

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

