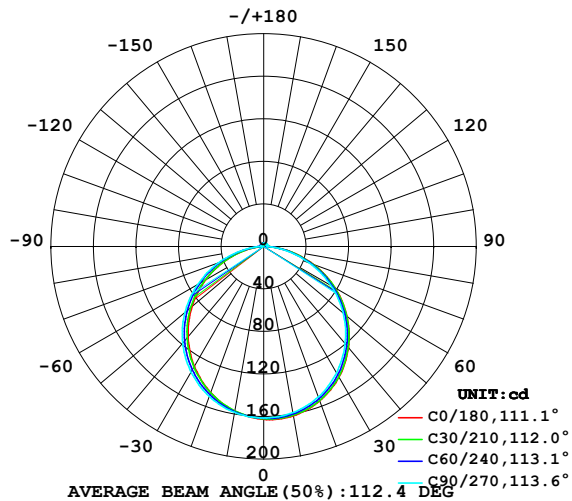


LUMINAIRE PHOTOMETRIC TEST REPORT

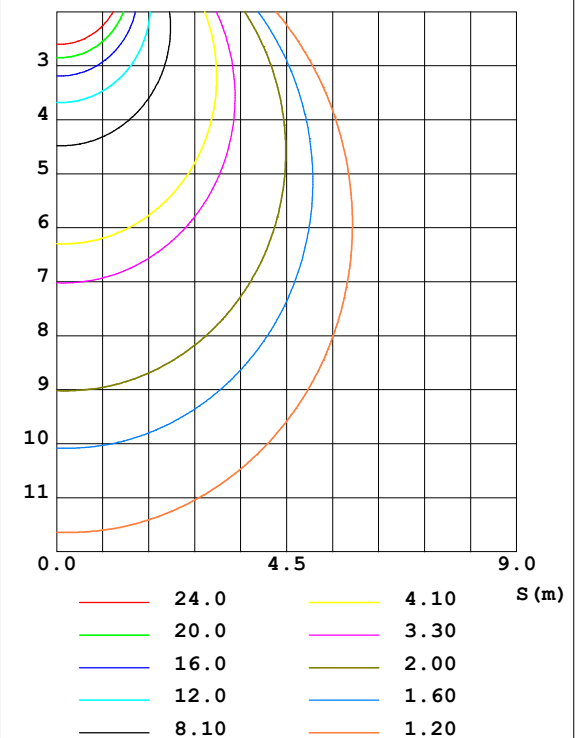
Test:U:24.00V I:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.27 lm/W			
MODEL	2835	I _{max} (cd)	163.0	S/MH (C0/180)	1.29
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	478.95	η UP, DN (C0-180)	1.9, 49.1
NOMINAL FLUX (lm)	478.954	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 47.7
LAMPS INSIDE	1	η up (%)	3.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	96.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



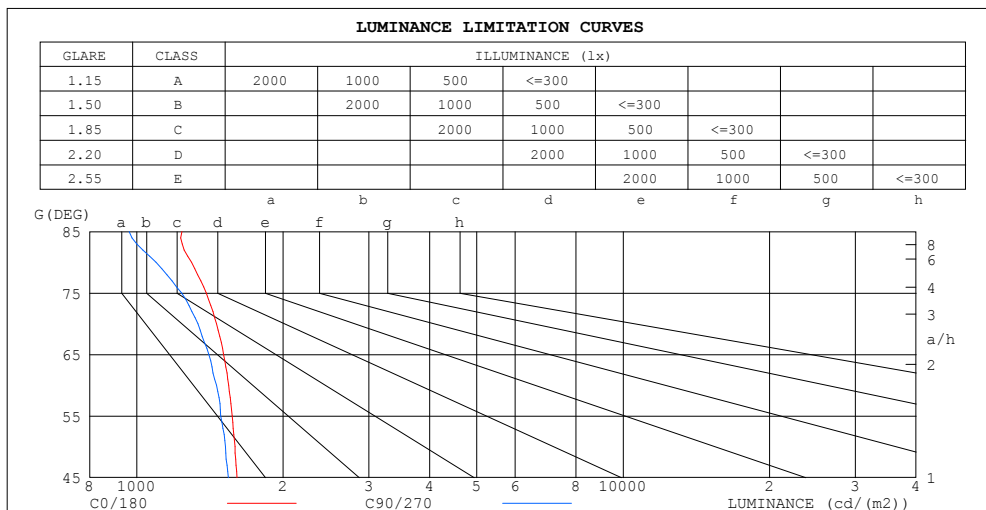
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-28

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	161.7	160.5	158.7	156.5	157.2	157.4	158.5	159.4	0- 10	15.28	15.28	3.19,3.19
20	154.5	153.2	150.5	146.7	146.2	147.5	150.0	152.1	10- 20	43.74	59.02	12.3,12.3
30	141.8	140.4	137.2	132.1	130.3	132.7	136.7	139.4	20- 30	66.23	125.3	26.2,26.2
40	124.1	122.6	119.3	113.5	110.7	113.9	118.7	122.0	30- 40	79.86	205.1	42.8,42.8
50	102.3	100.9	97.79	91.55	87.98	91.87	96.77	100.4	40- 50	82.93	288.0	60.1,60.1
60	77.25	75.96	72.89	66.95	63.28	66.81	71.74	75.68	50- 60	75.11	363.2	75.8,75.8
70	49.93	48.67	45.68	40.78	37.38	40.47	45.20	48.41	60- 70	57.39	420.5	87.8,87.8
80	22.50	21.42	19.01	15.96	13.27	15.68	18.54	20.98	70- 80	32.94	453.5	94.7,94.7
90	3.265	3.166	3.149	3.251	1.288	2.495	2.636	2.453	80- 90	9.803	463.3	96.7,96.7
100	1.617	2.281	3.188	3.191	1.159	2.337	2.586	1.414	90-100	2.487	465.8	97.2,97.2
110	1.865	2.442	3.214	3.244	1.434	2.429	2.573	1.617	100-110	2.456	468.2	97.8,97.8
120	2.121	2.589	3.214	3.107	1.742	2.120	2.488	1.758	110-120	2.382	470.6	98.3,98.3
130	2.343	2.740	3.214	3.051	2.049	2.114	2.403	1.960	120-130	2.174	472.8	98.7,98.7
140	2.553	2.858	3.214	3.070	2.364	2.347	2.376	2.203	130-140	1.971	474.8	99.1,99.1
150	2.769	2.962	3.214	3.119	2.665	2.615	2.546	2.465	140-150	1.697	476.5	99.5,99.5
160	2.965	3.061	3.214	3.159	2.933	2.894	2.795	2.756	150-160	1.332	477.8	99.8,99.8
170	3.122	3.159	3.214	3.208	3.169	3.109	3.044	3.018	160-170	0.8624	478.7	99.9,99.9
180	3.214	3.211	3.214	3.198	3.214	3.198	3.208	3.178	170-180	0.3020	479.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1238	965
80	1295	1095
75	1390	1237
70	1460	1336
65	1509	1407
60	1545	1458
55	1571	1489
50	1592	1521
45	1608	1543

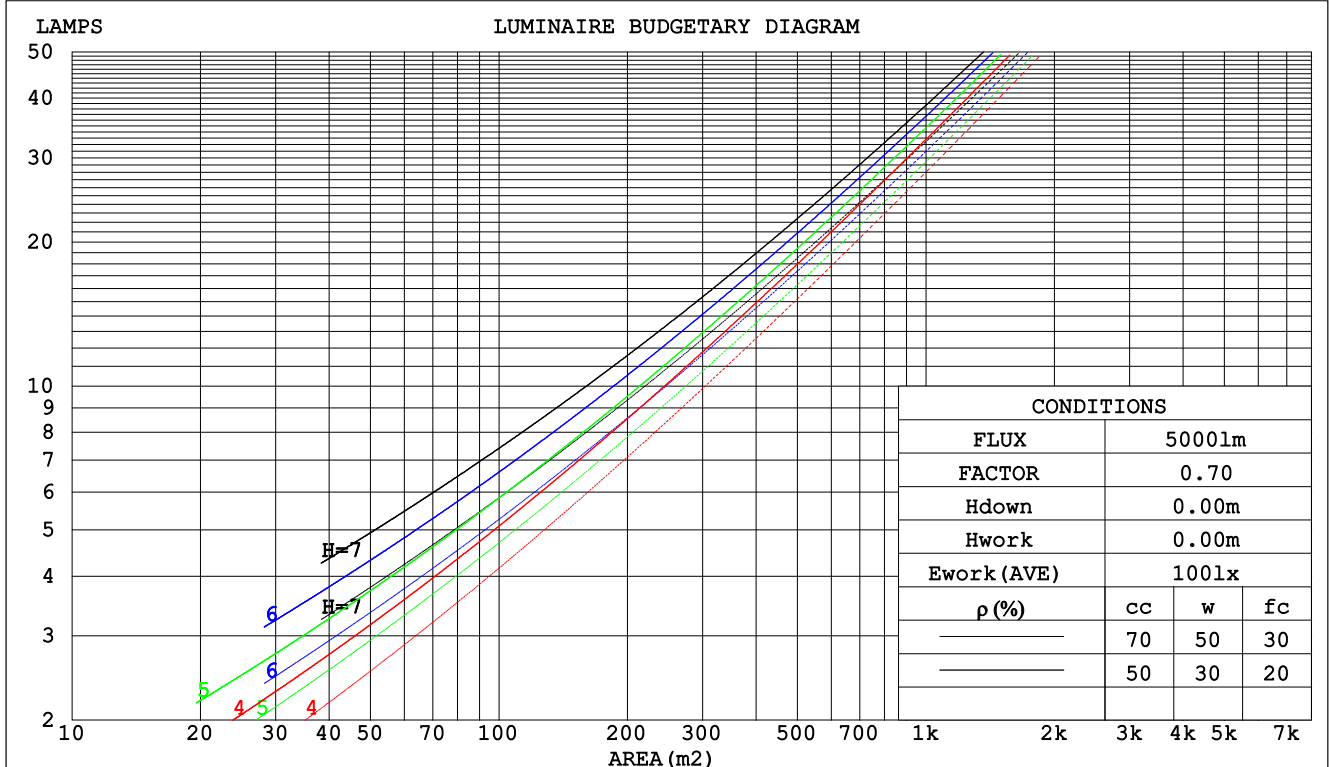
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-28

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	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	1.00	.96	.93	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.74	.80	.75	.71	.76	.73	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
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:2023-03-28

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:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm					
NAME: SF08-24V-2835-120-3000K-U2			TYPE: 硅胶		WEIGHT:
DIM.: 10MM*10MM			SPEC.:		SERIAL No.:202303017
MFR.: OLYMPIA			SUR.:1.0*0.01		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	.311	.177	.056	.303	.173	.055	.288	.165	.053	.274	.158	.051	.261	.151	.049		
2.0	.292	.160	.049	.285	.157	.048	.271	.151	.047	.259	.145	.045	.247	.140	.044		
3.0	.270	.144	.043	.263	.141	.042	.251	.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	.208	.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	.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	.152	.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	.215	.215	.215	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.206	.181	.159	.176	.156	.137	.120	.107	.095	.069	.062	.055	.022	.020	.018	
2.0	.198	.157	.123	.169	.135	.107	.116	.094	.074	.067	.054	.044	.021	.018	.014	
3.0	.190	.140	.100	.163	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.182	.127	.084	.156	.109	.073	.108	.076	.051	.062	.045	.030	.020	.015	.010	
5.0	.175	.116	.073	.150	.101	.063	.103	.070	.045	.060	.041	.027	.019	.013	.009	
6.0	.168	.108	.065	.144	.093	.057	.099	.065	.040	.058	.038	.024	.019	.013	.008	
7.0	.161	.101	.059	.138	.088	.051	.096	.061	.036	.056	.036	.022	.018	.012	.007	
8.0	.155	.095	.055	.133	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007	
9.0	.148	.090	.051	.128	.078	.045	.089	.055	.032	.052	.033	.019	.017	.011	.006	
10.0	.143	.086	.048	.123	.075	.042	.085	.053	.030	.050	.031	.018	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-03-28

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:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm										
NAME: SF08-24V-2835-120-3000K-U2					TYPE: 硅胶			WEIGHT:		
DIM.: 10MM*10MM					SPEC.:			SERIAL No.:202303017		
MFR.: OLYMPIA					SUR.:1.0*0.01			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	14.5	16.0	14.8	16.2	16.5	14.3	15.7	14.6	16.0	16.3
3H	16.1	17.5	16.5	17.8	18.1	15.8	17.2	16.1	17.5	17.8
4H	16.8	18.1	17.2	18.4	18.7	16.4	17.7	16.8	18.0	18.3
6H	17.3	18.5	17.7	18.8	19.2	16.8	18.0	17.2	18.4	18.7
8H	17.5	18.6	17.9	19.0	19.3	16.9	18.1	17.3	18.5	18.8
12H	17.6	18.7	18.0	19.1	19.4	17.0	18.2	17.4	18.5	18.9
4H 2H	15.1	16.4	15.5	16.7	17.0	14.9	16.2	15.3	16.5	16.9
3H	16.9	18.0	17.3	18.4	18.8	16.6	17.8	17.0	18.1	18.5
4H	17.7	18.7	18.1	19.1	19.5	17.4	18.4	17.8	18.8	19.2
6H	18.3	19.3	18.8	19.7	20.1	17.9	18.8	18.4	19.2	19.7
8H	18.6	19.4	19.0	19.9	20.3	18.1	18.9	18.6	19.4	19.8
12H	18.7	19.5	19.2	20.0	20.5	18.2	19.0	18.7	19.4	19.9
8H 4H	18.0	18.8	18.4	19.3	19.7	17.7	18.5	18.1	19.0	19.4
6H	18.8	19.5	19.3	19.9	20.4	18.4	19.1	18.9	19.5	20.0
8H	19.1	19.7	19.6	20.2	20.7	18.6	19.3	19.1	19.7	20.3
12H	19.4	19.9	19.9	20.4	21.0	18.8	19.4	19.4	19.9	20.4
12H 4H	18.0	18.8	18.5	19.2	19.7	17.7	18.5	18.2	18.9	19.4
6H	18.8	19.5	19.3	19.9	20.5	18.4	19.1	19.0	19.6	20.1
8H	19.2	19.7	19.7	20.2	20.8	18.8	19.3	19.3	19.8	20.3
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 / - 0.3				

CIE Pub.117 Corrected 479.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.6)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-03-28

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:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

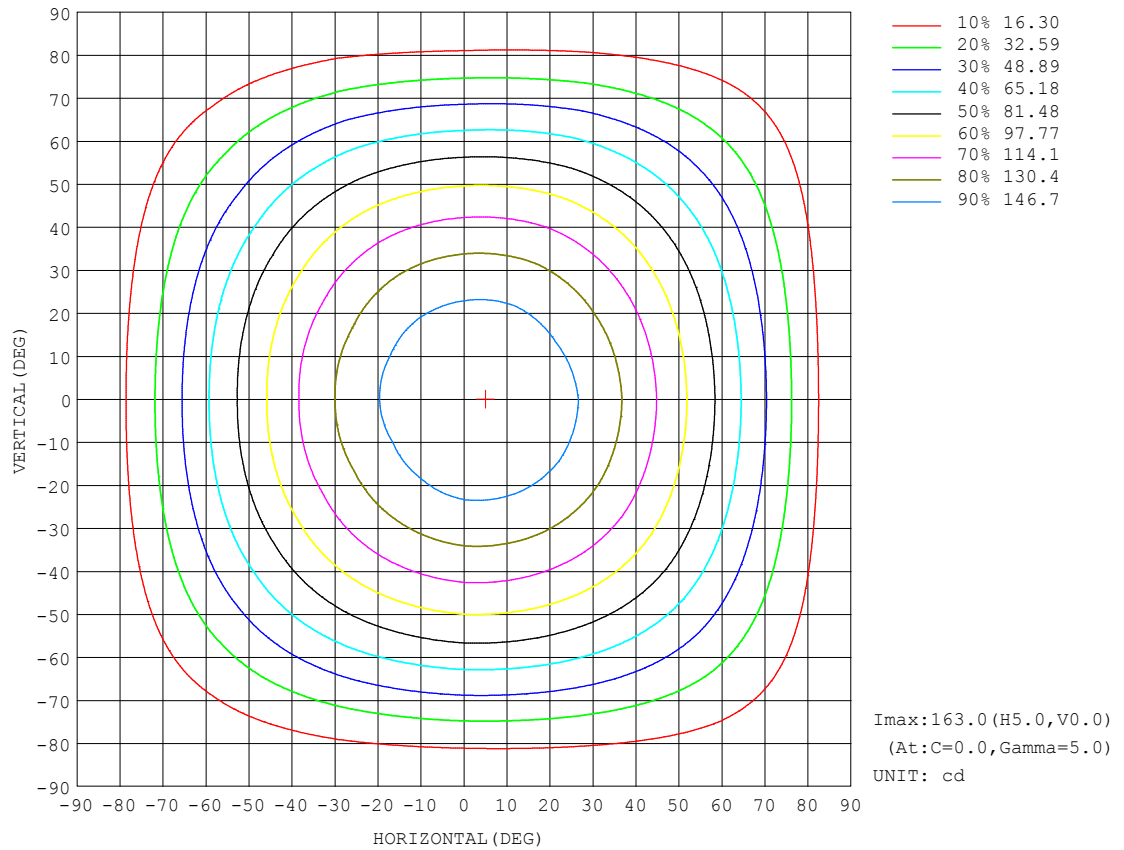
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	67
2.50	98	90	84	95	88	83	91	85	80	71
3.00	101	94	88	99	92	87	94	89	85	75
4.00	105	99	95	102	97	93	98	93	90	80
5.00	108	103	98	105	100	97	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:2023-03-28

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:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

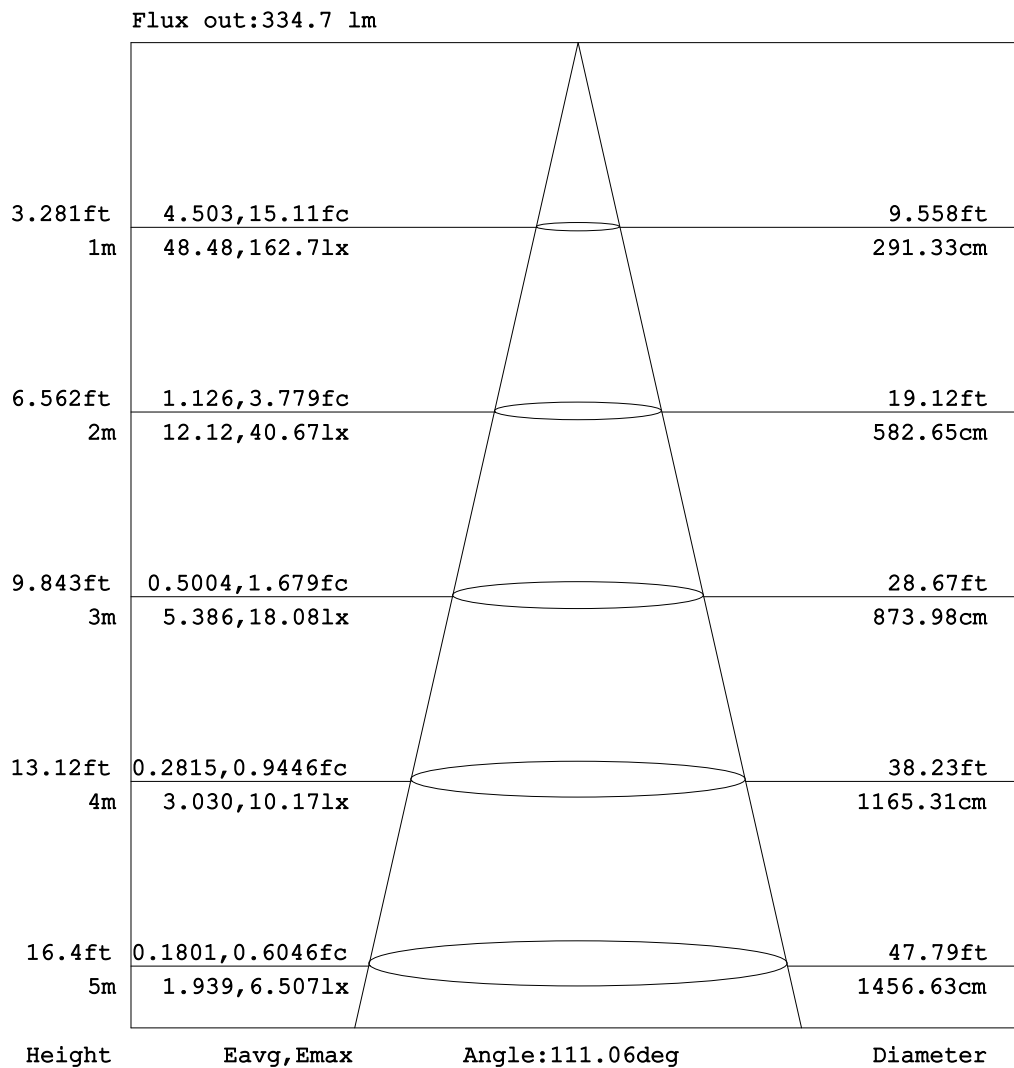


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-28

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:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:



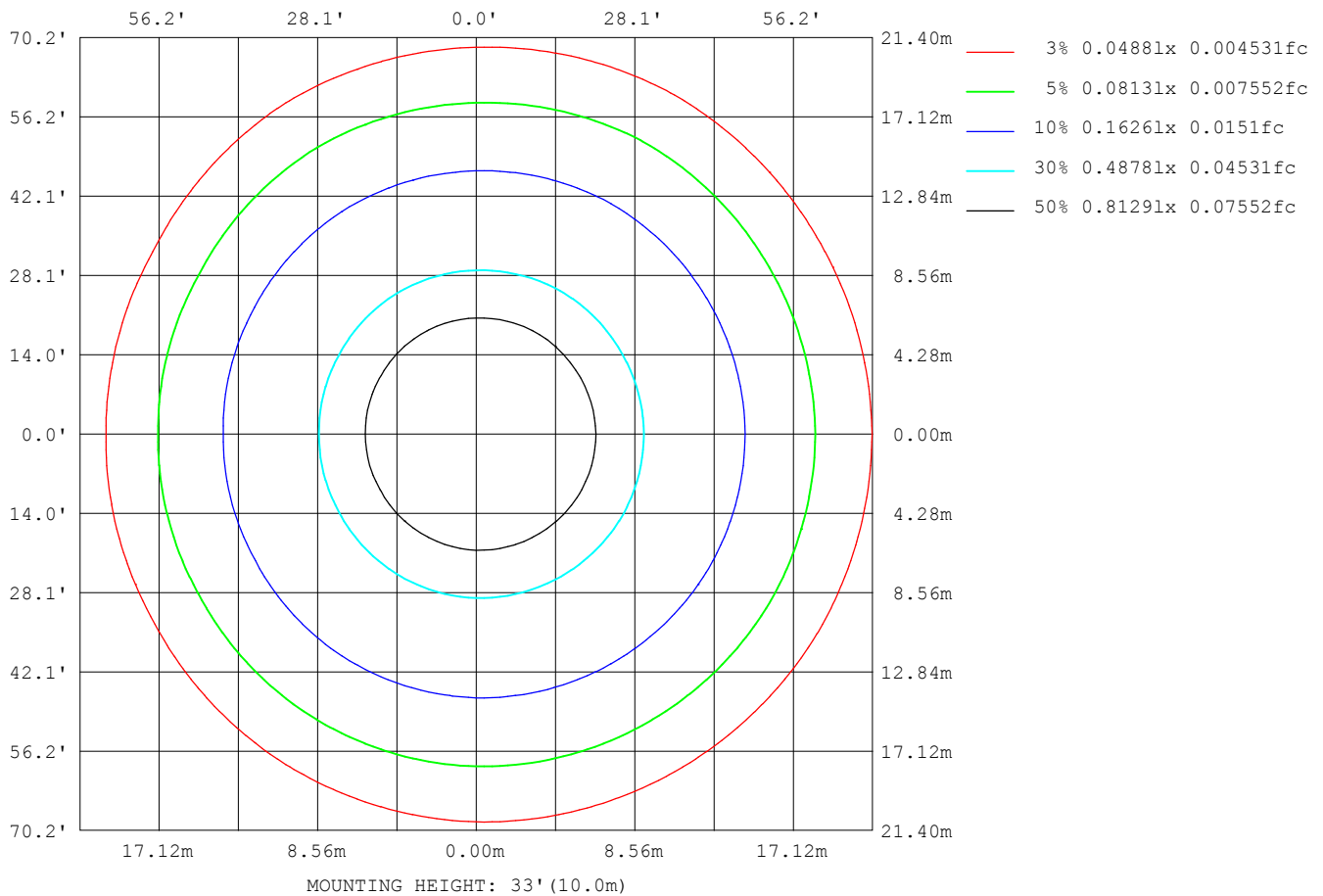
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-03-28

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

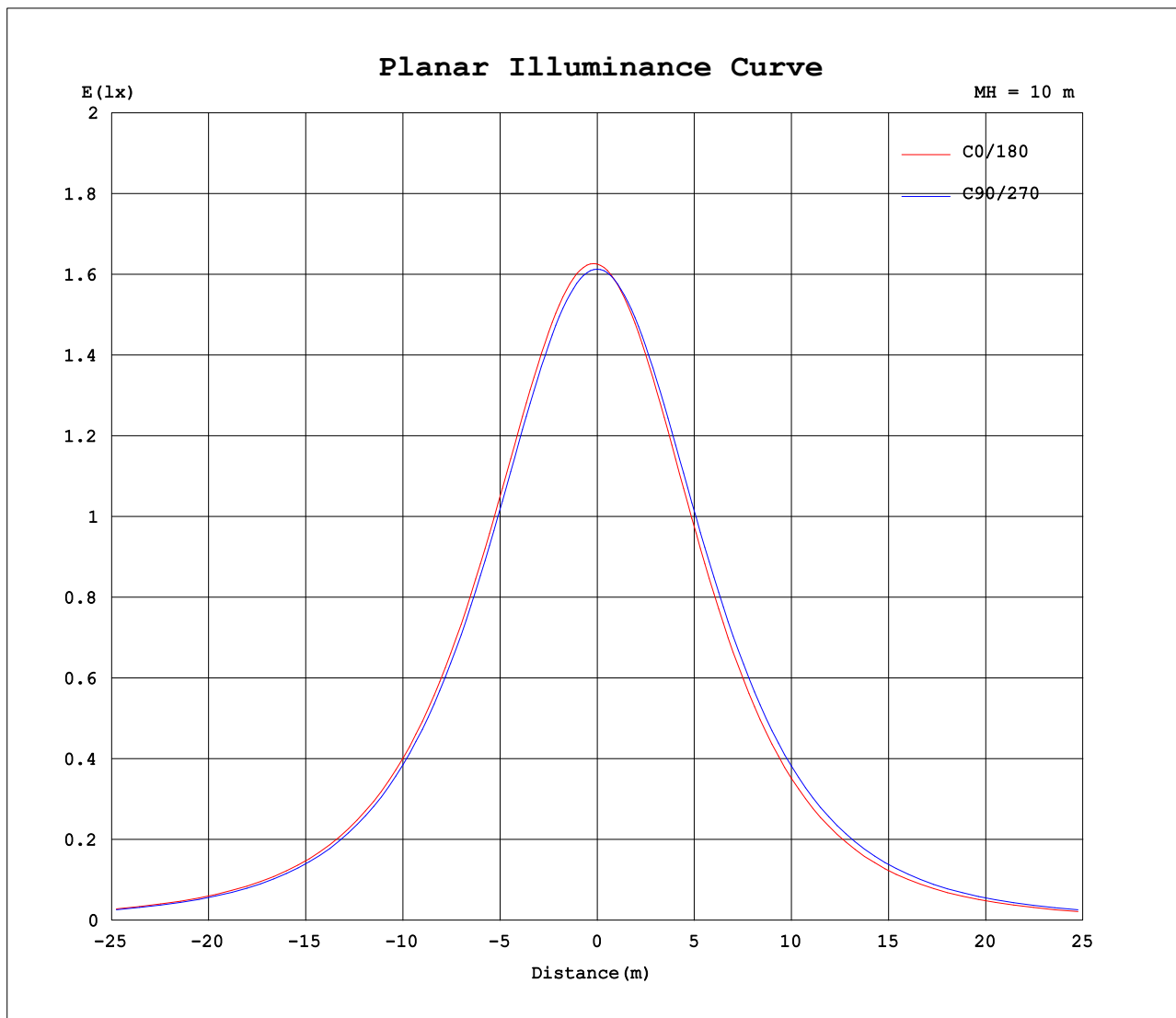
Test:U:24.00V I:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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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: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: 2023-03-28

γ Range: 0 - 180DEG
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Humidity: 65.0%
Test Distance: 10.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4134A P:9.922W PF:1.000 Lamp Flux:478.954x1 lm		
NAME: SF08-24V-2835-120-3000K-U2	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202303017
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	163	162	162	161	161	161	163	162	162	161	161	161							
5	163	162	162	161	160	159	161	160	160	161	161	161							
10	162	161	160	159	157	156	157	157	158	158	159	160							
15	159	158	157	155	153	152	152	152	154	155	156	157							
20	154	154	152	151	148	146	146	146	148	150	152	152							
25	149	148	146	144	141	139	139	139	142	144	146	147							
30	142	141	139	137	134	131	130	131	134	137	139	140							
35	134	133	131	129	125	122	121	122	126	128	131	132							
40	124	124	122	119	115	112	111	112	116	119	122	122							
45	114	113	111	109	105	101	99.6	101	105	108	111	112							
50	102	102	99.9	97.8	93.6	89.5	88.0	89.9	93.8	96.8	99.9	101							
55	90.1	89.8	87.8	85.4	81.7	77.4	75.9	77.7	81.9	84.6	88.1	88.7							
60	77.3	76.9	75.0	72.9	69.1	64.8	63.3	64.3	69.3	71.7	75.5	75.9							
65	63.8	63.4	61.5	59.5	56.1	51.9	50.3	50.9	56.2	58.7	62.0	62.4							
70	49.9	49.6	47.8	45.7	42.7	38.8	37.4	37.9	43.0	45.2	48.2	48.6							
75	36.0	35.6	33.8	32.0	29.5	26.1	24.7	25.2	29.9	31.5	33.9	34.7							
80	22.5	22.2	20.6	19.0	17.4	14.5	13.3	13.6	17.7	18.5	20.7	21.3							
85	10.8	10.6	9.49	8.41	8.01	5.90	4.78	4.92	8.05	8.17	9.26	9.75							
90	3.26	3.20	3.14	3.15	4.15	2.36	1.29	1.35	3.64	2.64	2.40	2.50							
95	1.59	1.77	2.68	3.15	4.07	2.21	1.05	1.10	3.53	2.61	1.69	1.03							
100	1.62	1.86	2.70	3.19	4.07	2.32	1.16	1.15	3.53	2.59	1.79	1.04							
105	1.74	1.97	2.76	3.21	4.07	2.42	1.30	1.30	3.53	2.59	1.87	1.20							
110	1.87	2.08	2.81	3.21	3.98	2.51	1.43	1.41	3.44	2.57	1.93	1.30							
115	1.99	2.19	2.86	3.21	3.76	2.60	1.59	1.55	3.29	2.55	1.97	1.39							
120	2.12	2.30	2.88	3.21	3.54	2.67	1.74	1.71	2.53	2.49	2.00	1.51							
125	2.25	2.40	2.91	3.21	3.39	2.75	1.89	1.83	2.22	2.44	2.06	1.66							
130	2.34	2.51	2.97	3.21	3.29	2.81	2.05	1.98	2.25	2.40	2.11	1.81							
135	2.45	2.63	2.98	3.21	3.25	2.87	2.20	2.15	2.32	2.40	2.19	1.94							
140	2.55	2.72	3.00	3.21	3.21	2.93	2.36	2.28	2.41	2.38	2.29	2.12							
145	2.68	2.81	3.00	3.21	3.20	2.98	2.52	2.45	2.51	2.45	2.40	2.24							
150	2.77	2.89	3.03	3.21	3.21	3.03	2.66	2.59	2.65	2.55	2.53	2.40							
155	2.87	2.97	3.08	3.21	3.20	3.08	2.80	2.72	2.79	2.66	2.67	2.56							
160	2.97	3.03	3.09	3.21	3.20	3.12	2.93	2.87	2.92	2.80	2.82	2.70							
165	3.04	3.10	3.13	3.21	3.21	3.16	3.06	2.97	3.04	2.92	2.95	2.84							
170	3.12	3.19	3.13	3.21	3.21	3.21	3.17	3.08	3.14	3.04	3.08	2.96							
175	3.19	3.21	3.21	3.21	3.21	3.21	3.21	3.14	3.20	3.13	3.17	3.06							
180	3.21	3.21	3.21	3.21	3.21	3.19	3.21	3.19	3.20	3.21	3.21	3.15							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-28

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	162.6	162.1	161.6	161.3	161.0	160.6	162.6	162.1	161.6	161.3
3.0	162.9	162.4	161.7	161.1	160.4	159.8	161.6	161.1	161.1	161.1
6.0	162.8	162.2	161.3	160.4	159.3	158.5	160.1	159.7	159.9	160.3
9.0	162.1	161.5	160.4	159.2	157.7	156.7	158.0	157.7	158.4	159.0
12.0	160.7	160.2	158.9	157.5	155.6	154.3	155.5	155.2	156.2	157.2
15.0	158.8	158.4	156.8	155.3	153.0	151.5	152.4	152.3	153.7	154.9
18.0	156.4	155.9	154.3	152.6	150.0	148.2	148.8	148.9	150.7	152.2
21.0	153.4	153.0	151.3	149.5	146.5	144.4	144.8	145.1	147.2	148.8
24.0	150.0	149.6	147.7	145.8	142.6	140.2	140.4	141.0	143.2	145.3
27.0	146.2	145.6	143.8	141.7	138.3	135.6	135.5	136.2	138.9	141.0
30.0	141.8	141.4	139.4	137.2	133.6	130.7	130.3	131.2	134.2	136.7
33.0	137.0	136.4	134.5	132.2	128.5	125.3	124.8	125.9	129.2	131.6
36.0	131.8	131.2	129.3	126.9	123.1	119.6	118.9	120.1	123.7	126.4
39.0	126.0	125.6	123.5	121.3	117.4	113.6	112.8	114.2	117.9	120.6
42.0	120.0	119.6	117.5	115.2	111.3	107.4	106.4	108.0	111.7	114.5
45.0	113.7	113.2	111.2	109.1	105.0	100.9	99.64	101.4	105.2	108.2
48.0	106.8	106.6	104.4	102.2	98.28	93.98	92.74	94.50	98.52	101.4
51.0	99.89	99.57	97.54	95.48	91.32	87.13	85.66	87.44	91.57	94.40
54.0	92.62	92.30	90.18	87.94	84.12	79.72	78.33	80.38	84.31	87.21
57.0	85.03	84.75	82.60	80.74	76.67	72.47	70.80	72.26	76.92	79.55
60.0	77.25	76.94	74.98	72.89	69.09	64.81	63.28	64.32	69.30	71.74
63.0	69.22	68.83	66.84	64.82	61.33	56.99	55.53	56.02	61.53	63.77
66.0	61.03	60.74	58.67	56.69	53.43	49.23	47.72	48.37	53.58	55.83
69.0	52.70	52.32	50.43	48.42	45.42	41.47	40.03	40.52	45.76	47.68
72.0	44.33	43.92	41.98	40.12	37.45	33.69	32.19	32.78	37.70	39.73
75.0	35.97	35.57	33.85	32.02	29.54	26.10	24.69	25.21	29.89	31.52
78.0	27.74	27.40	25.69	24.00	22.02	19.00	17.63	18.00	22.41	23.68
81.0	19.91	19.74	18.10	16.63	15.22	12.55	11.26	11.59	15.49	16.32
84.0	12.86	12.58	11.44	10.23	9.520	7.195	6.098	6.294	9.675	9.917
87.0	7.110	6.915	6.166	5.497	5.486	3.759	2.723	2.699	5.470	5.321
90.0	3.265	3.195	3.137	3.149	4.146	2.356	1.288	1.351	3.639	2.636
93.0	1.764	1.806	2.678	3.149	4.065	2.187	1.034	1.113	3.529	2.632
96.0	1.584	1.774	2.677	3.155	4.065	2.233	1.067	1.100	3.529	2.612
99.0	1.597	1.846	2.684	3.169	4.065	2.291	1.126	1.113	3.529	2.586
102.0	1.663	1.912	2.717	3.208	4.065	2.357	1.211	1.204	3.529	2.586
105.0	1.741	1.971	2.763	3.214	4.065	2.416	1.297	1.296	3.528	2.586
108.0	1.820	2.036	2.782	3.214	4.059	2.468	1.382	1.355	3.495	2.579
111.0	1.898	2.088	2.808	3.214	3.948	2.534	1.467	1.440	3.417	2.573
114.0	1.977	2.154	2.854	3.214	3.804	2.579	1.558	1.519	3.325	2.560
117.0	2.042	2.226	2.874	3.214	3.667	2.625	1.650	1.623	3.003	2.534
120.0	2.121	2.298	2.880	3.214	3.542	2.671	1.742	1.715	2.526	2.488
123.0	2.180	2.363	2.900	3.214	3.457	2.723	1.833	1.780	2.284	2.462
126.0	2.252	2.429	2.920	3.214	3.365	2.763	1.932	1.865	2.219	2.429
129.0	2.317	2.488	2.952	3.214	3.313	2.802	2.030	1.957	2.226	2.403
132.0	2.383	2.566	2.979	3.214	3.273	2.835	2.108	2.049	2.259	2.396
135.0	2.455	2.625	2.979	3.214	3.253	2.867	2.200	2.147	2.318	2.396
138.0	2.514	2.684	2.992	3.214	3.221	2.907	2.298	2.232	2.370	2.376
141.0	2.572	2.737	2.998	3.214	3.208	2.939	2.396	2.317	2.429	2.396
144.0	2.670	2.789	2.998	3.214	3.201	2.972	2.481	2.409	2.488	2.442
147.0	2.703	2.848	3.018	3.214	3.208	2.998	2.573	2.494	2.566	2.481
150.0	2.769	2.894	3.031	3.214	3.208	3.031	2.665	2.586	2.645	2.546
153.0	2.815	2.933	3.077	3.214	3.201	3.057	2.750	2.684	2.737	2.599
156.0	2.880	2.972	3.077	3.214	3.201	3.083	2.835	2.762	2.815	2.690
159.0	2.933	3.012	3.090	3.214	3.201	3.116	2.920	2.841	2.894	2.775
162.0	2.985	3.057	3.096	3.214	3.201	3.136	2.985	2.906	2.972	2.860
165.0	3.037	3.103	3.129	3.214	3.208	3.162	3.064	2.972	3.044	2.920
168.0	3.090	3.155	3.123	3.214	3.208	3.195	3.129	3.037	3.097	2.998
171.0	3.136	3.188	3.142	3.214	3.208	3.208	3.182	3.090	3.149	3.096
174.0	3.195	3.214	3.194	3.214	3.208	3.208	3.214	3.129	3.201	3.116
177.0	3.201	3.214	3.208	3.214	3.208	3.208	3.214	3.201	3.201	3.188
180.0	3.214	3.214	3.208	3.214	3.208	3.188	3.214	3.195	3.201	3.208
G/C	300.0	330.0								
0.0	161.0	160.6								
3.0	161.0	160.9								
6.0	160.6	160.7								
9.0	159.7	159.9								
12.0	158.2	158.6								
15.0	156.3	156.6								
18.0	153.8	154.3								
21.0	150.9	151.2								
24.0	147.4	148.0								
27.0	143.4	143.9								
30.0	139.0	139.8								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-03-28

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:

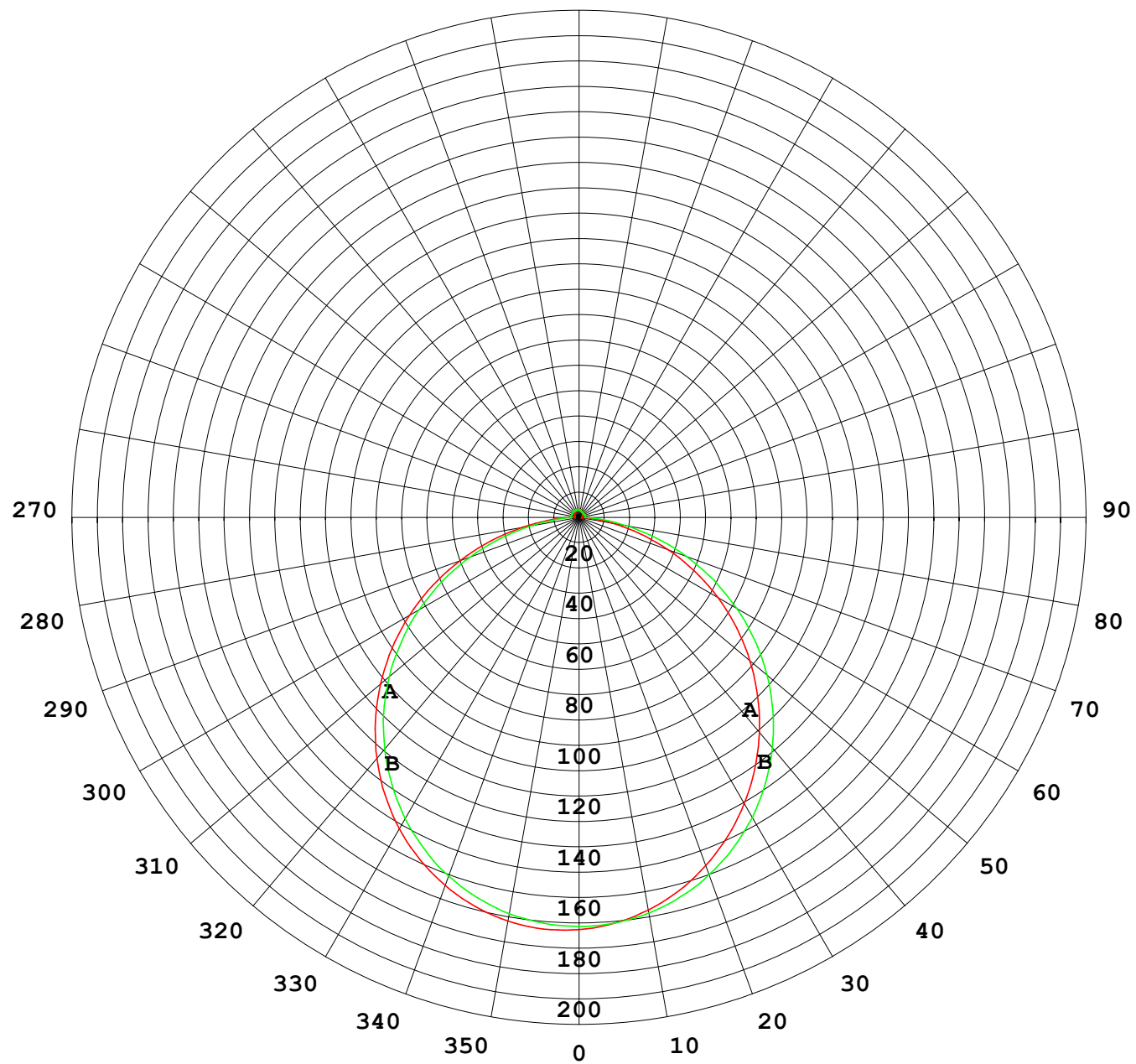
Photometric Data Table [cd]

33.0	134.3	135.0
36.0	129.1	129.9
39.0	123.5	124.3
42.0	117.6	118.3
45.0	111.1	112.0
48.0	104.7	105.4
51.0	97.63	98.45
54.0	90.66	91.25
57.0	82.80	83.70
60.0	75.49	75.87
63.0	67.57	68.08
66.0	59.08	59.64
69.0	50.87	51.54
72.0	42.62	43.22
75.0	33.92	34.72
78.0	26.01	26.76
81.0	18.28	18.83
84.0	11.31	11.88
87.0	5.825	6.273
90.0	2.403	2.503
93.0	1.656	1.154
96.0	1.709	1.028
99.0	1.761	1.028
102.0	1.814	1.093
105.0	1.872	1.198
108.0	1.912	1.231
111.0	1.938	1.316
114.0	1.970	1.368
117.0	1.990	1.447
120.0	2.003	1.512
123.0	2.049	1.610
126.0	2.062	1.689
129.0	2.102	1.761
132.0	2.147	1.852
135.0	2.187	1.944
138.0	2.252	2.029
141.0	2.318	2.147
144.0	2.377	2.238
147.0	2.449	2.311
150.0	2.527	2.402
153.0	2.619	2.494
156.0	2.697	2.579
159.0	2.783	2.671
162.0	2.868	2.769
165.0	2.946	2.841
168.0	3.005	2.900
171.0	3.097	2.978
174.0	3.156	3.024
177.0	3.195	3.109
180.0	3.208	3.149

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-03-28

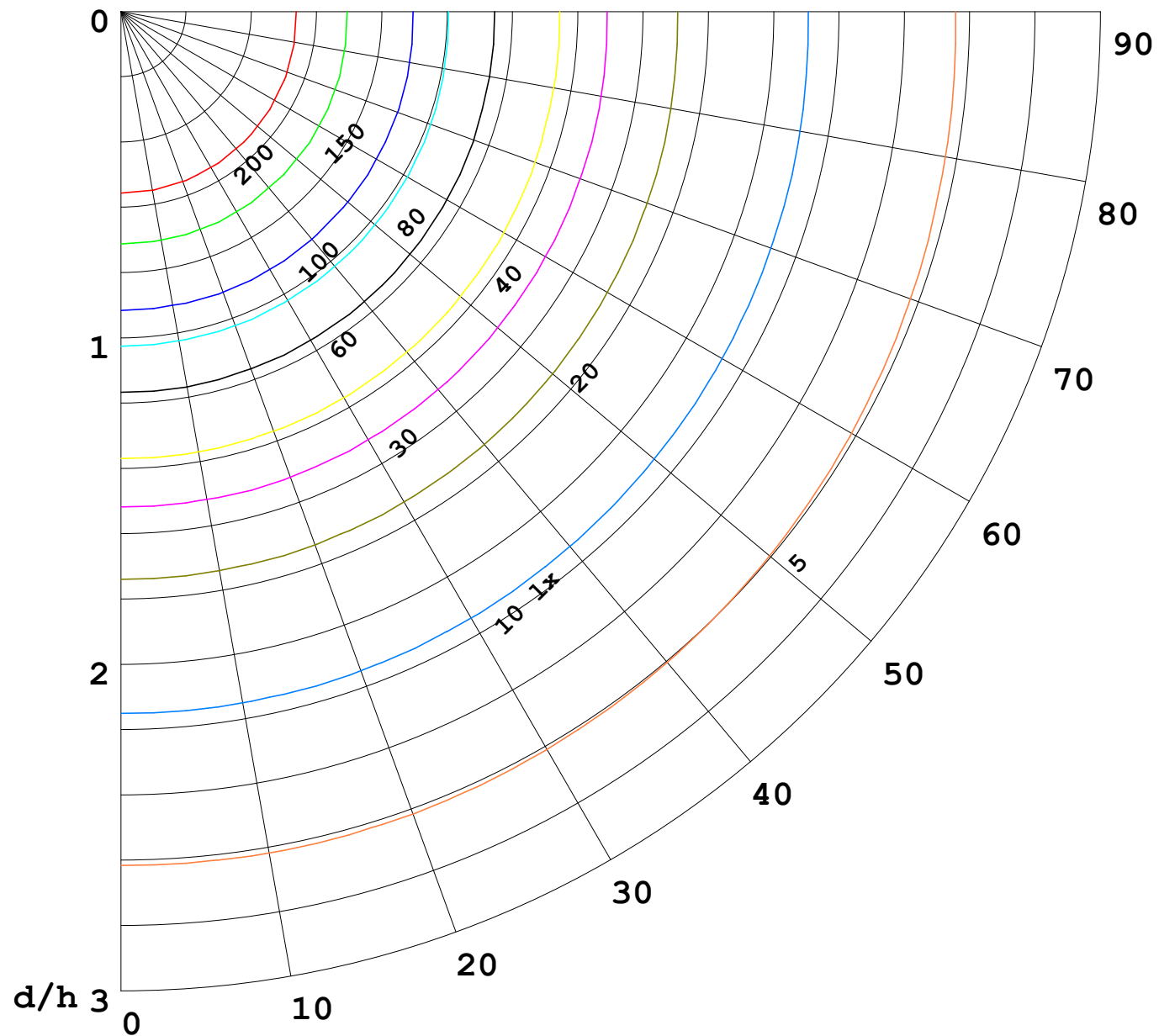
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

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

