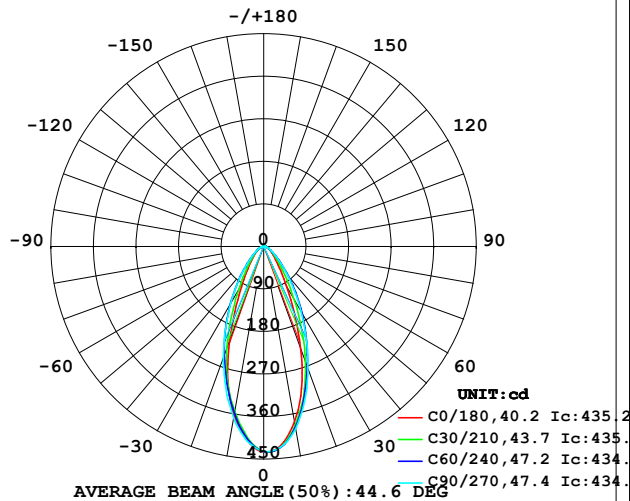


LUMINAIRE PHOTOMETRIC TEST REPORT

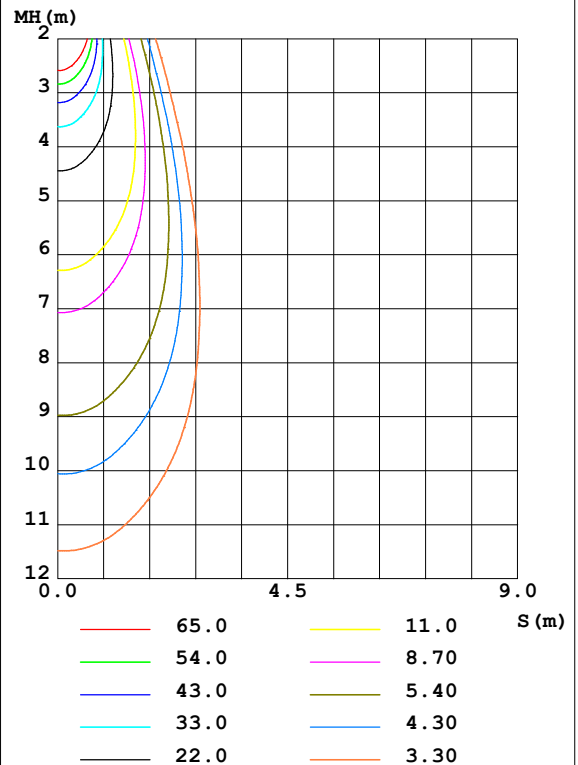
Test:U:24.00V I:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.93lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 36.73 lm/W			
MODEL	3535	I _{max} (cd)	435.2	S/MH (C0/180)	0.63
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.70
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	344.93	η UP, DN (C0-180)	1.7, 50.2
NOMINAL FLUX (lm)	344.931	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 46.8
LAMPS INSIDE	1	η up (%)	3.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	24	η down (%)	97.0	CIBSE SHR MAX	0.75

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: 2023-05-23

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

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	376.6	386.0	391.0	375.4	362.6	356.2	367.7	379.1	0- 10	38.44	38.44	11.1,11.1
20	228.8	264.3	274.2	240.8	209.9	236.2	249.6	249.6	10- 20	86.72	125.2	36.3,36.3
30	96.73	145.5	157.8	117.8	89.48	124.5	141.1	124.5	20- 30	82.42	207.6	60.2,60.2
40	43.86	69.55	78.29	55.46	42.57	59.08	67.71	56.46	30- 40	54.82	262.4	76.1,76.1
50	25.08	33.20	36.36	28.31	24.06	28.64	31.08	28.22	40- 50	32.55	294.9	85.5,85.5
60	14.96	17.71	18.40	15.68	13.73	15.20	16.19	15.44	50- 60	19.51	314.5	91.2,91.2
70	8.830	9.587	9.810	8.404	7.291	7.711	8.519	8.321	60- 70	11.82	326.3	94.6,94.6
80	4.331	4.413	4.223	3.629	2.720	2.721	3.059	3.374	70- 80	6.229	332.5	96.4,96.4
90	1.399	1.402	1.405	1.469	0.5931	0.5781	0.4940	0.5180	80- 90	2.124	334.6	97,97
100	1.213	1.307	1.407	1.436	0.7239	0.7137	0.6431	0.5328	90-100	1.054	335.7	97.3,97.3
110	1.229	1.354	1.493	1.437	0.9553	0.9726	0.9196	0.7991	100-110	1.124	336.8	97.6,97.6
120	1.397	1.525	1.664	1.583	1.322	1.334	1.286	1.179	110-120	1.255	338.1	98,98
130	1.738	1.847	1.981	1.927	1.755	1.764	1.703	1.621	120-130	1.425	339.5	98.4,98.4
140	2.271	2.284	2.378	2.392	2.192	2.176	2.100	2.063	130-140	1.553	341.0	98.9,98.9
150	2.769	2.711	2.739	2.822	2.503	2.505	2.407	2.392	140-150	1.521	342.6	99.3,99.3
160	3.059	2.975	2.990	3.045	2.704	2.742	2.658	2.598	150-160	1.265	343.8	99.7,99.7
170	3.105	3.073	3.100	3.096	2.855	2.918	2.890	2.792	160-170	0.8238	344.6	99.9,99.9
180	3.081	3.091	3.111	3.068	3.031	3.076	3.106	3.063	170-180	0.2877	344.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 280.81 lm

%lum = 81.4%

%lamp = 81.4%

Conical surface Flux(120deg): 314.45 lm

%lum = 91.2%

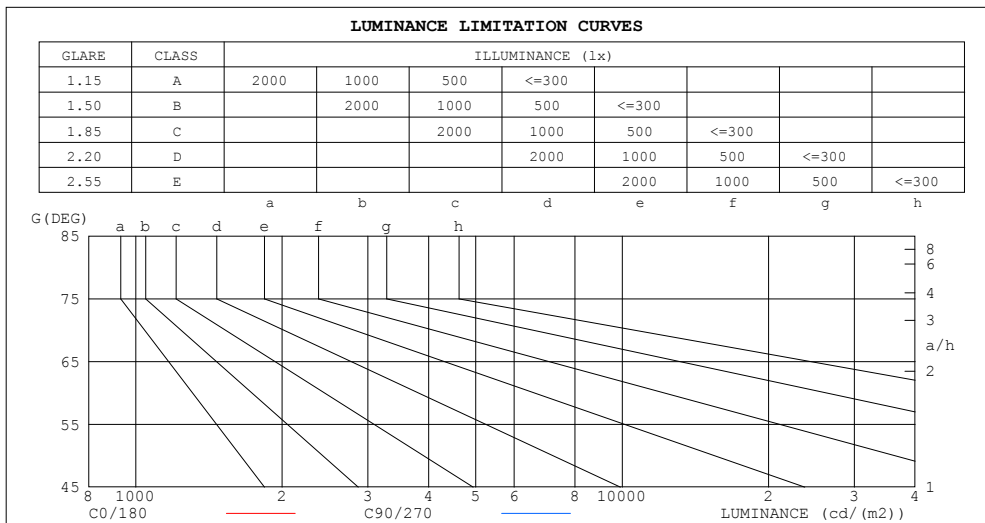
%lamp = 91.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-05-23

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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.931x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	291	248
80	249	243
75	249	263
70	258	287
65	275	320
60	299	368
55	336	444
50	390	566
45	464	754

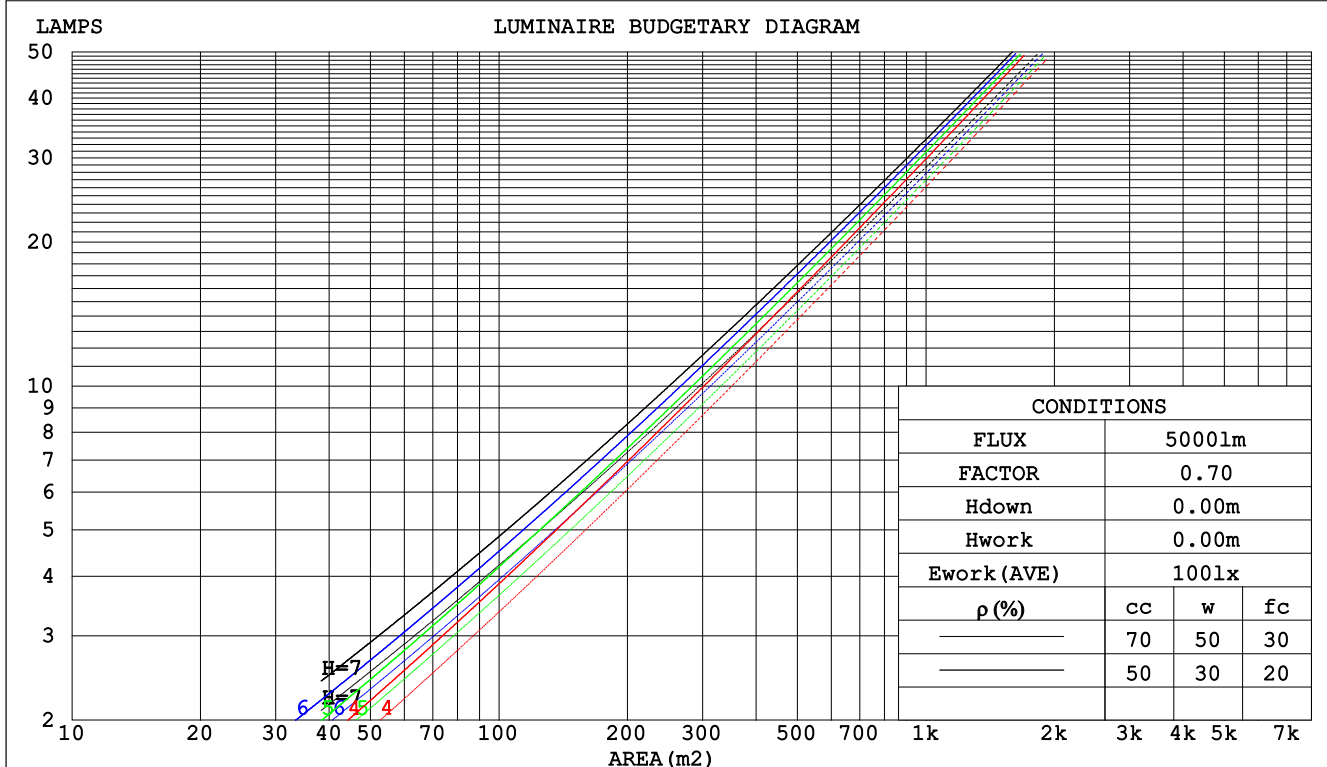
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-23

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.93lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040 TYPE:硅胶	WEIGHT:	
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding 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	1.08	1.05	1.03	1.06	1.03	1.01	1.01	.99	.97	.97	.95	.94	.93	.92	.90	.88
2.0	.99	.95	.91	.97	.93	.89	.93	.90	.87	.90	.87	.85	.87	.84	.82	.80
3.0	.91	.86	.81	.90	.84	.80	.87	.82	.79	.84	.80	.77	.81	.78	.75	.73
4.0	.85	.78	.73	.83	.77	.73	.81	.76	.72	.78	.74	.70	.76	.72	.69	.68
5.0	.79	.72	.67	.77	.71	.67	.75	.70	.66	.73	.69	.65	.71	.67	.64	.62
6.0	.73	.67	.62	.72	.66	.62	.70	.65	.61	.69	.64	.60	.67	.63	.60	.58
7.0	.69	.62	.57	.68	.62	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.54
8.0	.64	.58	.54	.64	.58	.53	.62	.57	.53	.61	.56	.53	.60	.55	.52	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.49	.57	.52	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.47	.55	.50	.46	.54	.49	.46	.45



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-23

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:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.931x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding 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	.212	.120	.038	.204	.116	.037	.189	.109	.035	.176	.102	.033	.164	.095	.031	
2.0	.200	.110	.034	.194	.107	.033	.181	.101	.031	.170	.095	.030	.159	.090	.028	
3.0	.188	.100	.030	.183	.098	.029	.172	.093	.028	.162	.089	.027	.153	.084	.026	
4.0	.177	.092	.027	.172	.090	.027	.163	.086	.026	.154	.083	.025	.145	.079	.024	
5.0	.167	.085	.025	.162	.083	.024	.154	.080	.024	.146	.077	.023	.139	.074	.022	
6.0	.157	.079	.023	.153	.077	.022	.146	.075	.022	.139	.072	.021	.132	.070	.021	
7.0	.149	.073	.021	.145	.072	.021	.138	.070	.020	.132	.068	.020	.126	.066	.019	
8.0	.141	.069	.019	.138	.068	.019	.132	.066	.019	.126	.064	.018	.121	.062	.018	
9.0	.134	.065	.018	.131	.064	.018	.125	.062	.018	.120	.060	.017	.115	.059	.017	
10.0	.127	.061	.017	.125	.060	.017	.120	.059	.017	.115	.057	.016	.111	.056	.016	

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	.196	.180	.165	.168	.154	.142	.115	.106	.098	.066	.061	.057	.021	.020	.018	
2.0	.183	.155	.132	.157	.134	.114	.108	.093	.080	.062	.054	.047	.020	.017	.015	
3.0	.172	.137	.109	.147	.118	.095	.101	.082	.066	.058	.048	.039	.019	.016	.013	
4.0	.162	.123	.092	.139	.106	.080	.096	.074	.057	.055	.043	.033	.018	.014	.011	
5.0	.154	.111	.080	.132	.096	.070	.091	.067	.049	.053	.040	.029	.017	.013	.010	
6.0	.147	.102	.071	.126	.089	.062	.087	.062	.044	.050	.037	.026	.016	.012	.009	
7.0	.140	.095	.064	.120	.082	.055	.083	.058	.039	.048	.034	.023	.016	.011	.008	
8.0	.134	.089	.058	.115	.077	.051	.080	.054	.036	.046	.032	.021	.015	.010	.007	
9.0	.129	.084	.054	.111	.073	.047	.077	.051	.033	.045	.030	.020	.014	.010	.007	
10.0	.124	.079	.050	.107	.069	.044	.074	.049	.031	.043	.029	.019	.014	.009	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-05-23

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:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.931x1 lm										
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040 TYPE:硅胶							WEIGHT:			
SPEC.:				DIM.: 18.5MM*18.5MM			SERIAL No.:202305004			
MFR.: OLYMPIA				SUR.:1.0*0.0185			Shielding 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	10.4	11.5	10.7	11.7	11.9	12.1	13.2	12.4	13.4	13.6
3H	11.2	12.1	11.5	12.4	12.7	12.7	13.6	13.0	13.9	14.2
4H	11.5	12.5	11.9	12.7	13.0	12.9	13.8	13.2	14.1	14.4
6H	11.9	12.7	12.2	13.0	13.3	13.1	14.0	13.5	14.3	14.6
8H	12.0	12.8	12.4	13.2	13.5	13.2	14.0	13.5	14.3	14.6
12H	12.1	12.9	12.5	13.3	13.6	13.2	14.0	13.6	14.3	14.7
4H 2H	10.8	11.7	11.1	12.0	12.3	12.2	13.2	12.6	13.4	13.7
3H	11.7	12.5	12.1	12.9	13.2	13.0	13.8	13.3	14.1	14.4
4H	12.2	13.0	12.6	13.3	13.7	13.3	14.0	13.7	14.4	14.8
6H	12.7	13.3	13.1	13.7	14.1	13.6	14.3	14.1	14.7	15.1
8H	12.9	13.5	13.4	13.9	14.3	13.8	14.3	14.2	14.8	15.2
12H	13.1	13.6	13.6	14.1	14.5	13.9	14.4	14.3	14.8	15.3
8H 4H	12.4	13.0	12.9	13.4	13.9	13.4	14.0	13.9	14.4	14.8
6H	13.0	13.5	13.5	14.0	14.5	13.9	14.3	14.3	14.8	15.3
8H	13.3	13.8	13.8	14.2	14.7	14.0	14.5	14.5	14.9	15.5
12H	13.6	14.0	14.1	14.5	15.0	14.2	14.6	14.7	15.1	15.6
12H 4H	12.4	13.0	12.9	13.4	13.8	13.4	13.9	13.9	14.4	14.8
6H	13.1	13.5	13.6	14.0	14.5	13.9	14.3	14.4	14.8	15.3
8H	13.4	13.8	13.9	14.3	14.8	14.1	14.5	14.6	15.0	15.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.7 / - 0.9				
1.5H	+ 0.4 / - 0.6					+ 1.1 / - 0.6				
2.0H	+ 0.5 / - 0.7					+ 1.5 / - 0.8				

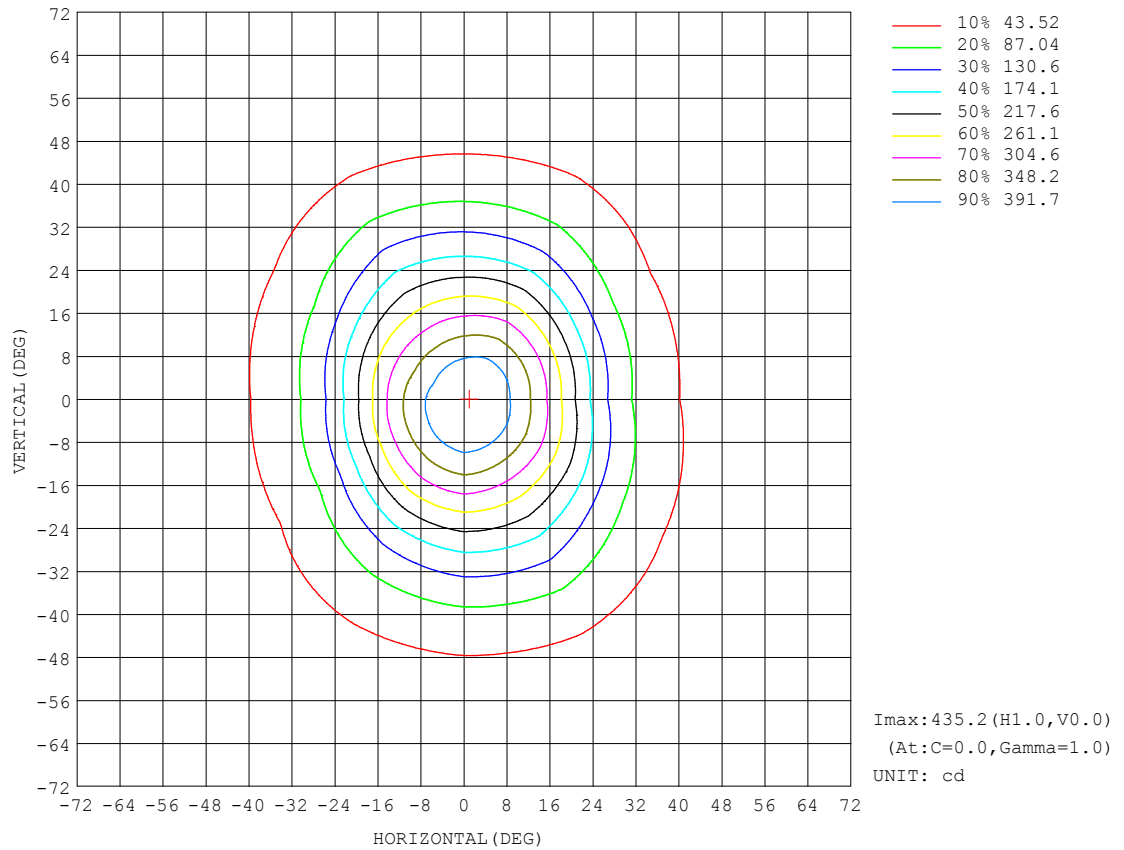
CIE Pub.117, 344.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.7)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-05-23

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:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.93lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040 TYPE:硅胶	WEIGHT:	
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

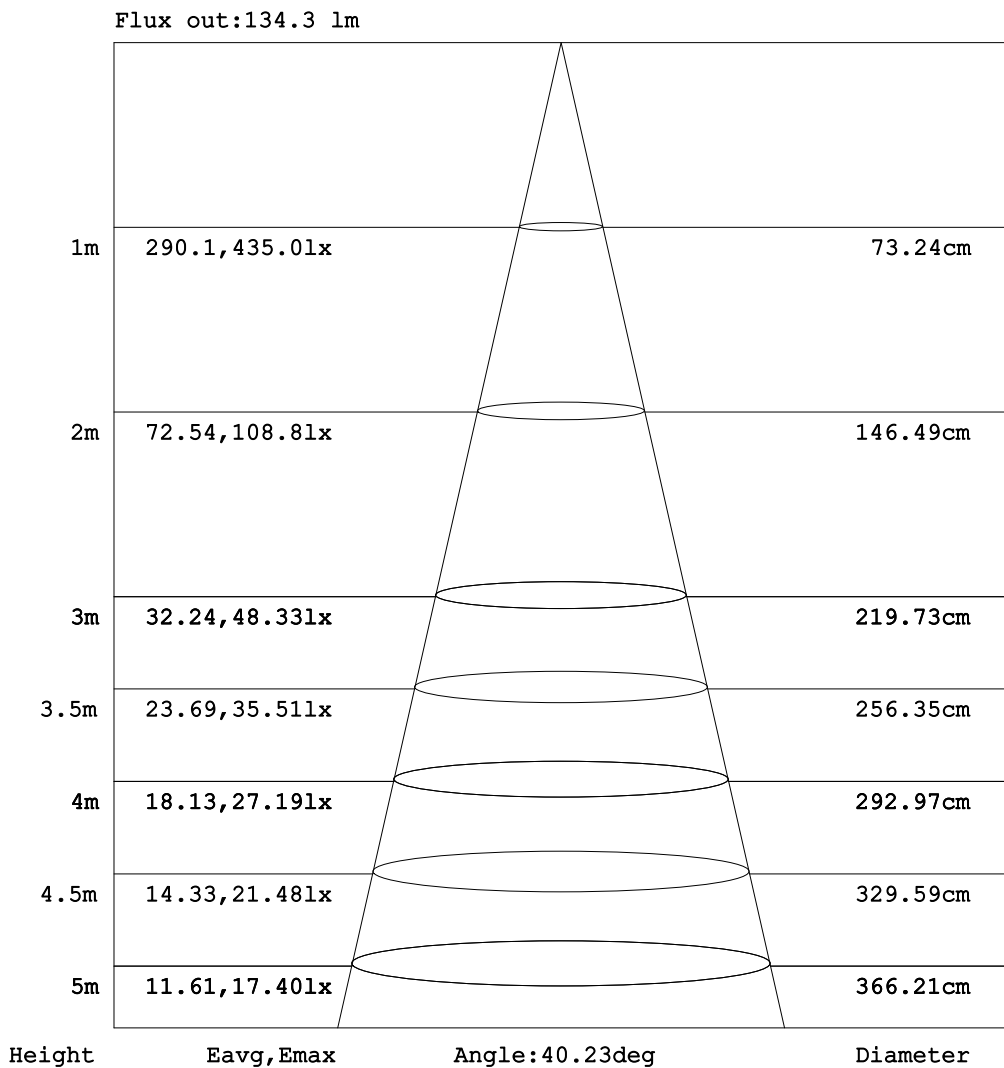


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-23

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:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.93lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



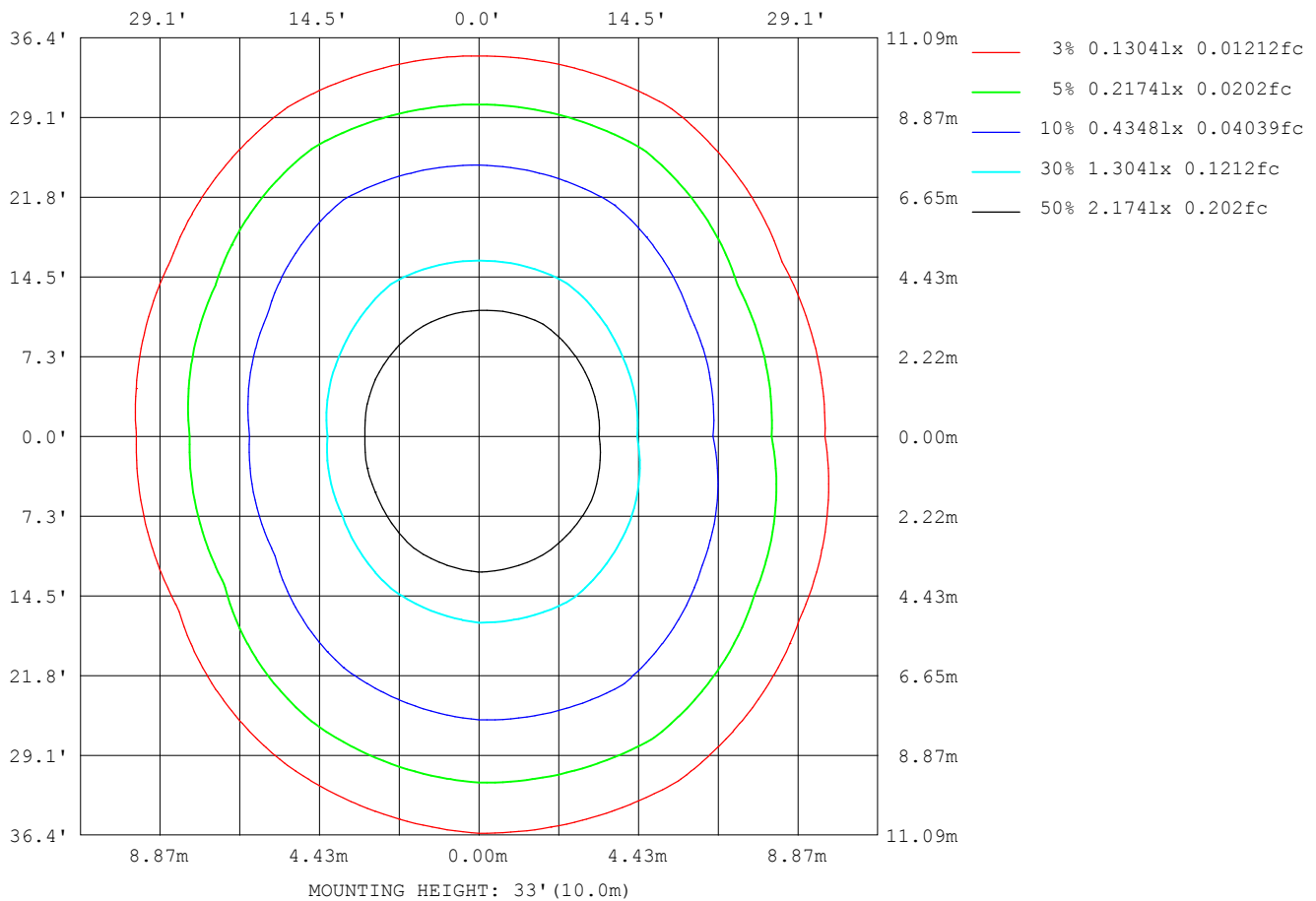
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-05-23

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:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.93lx 1m		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040 TYPE:硅胶	WEIGHT:	
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-23

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:

LED Avg.L Report

Test:U:24.00V I:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.931x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

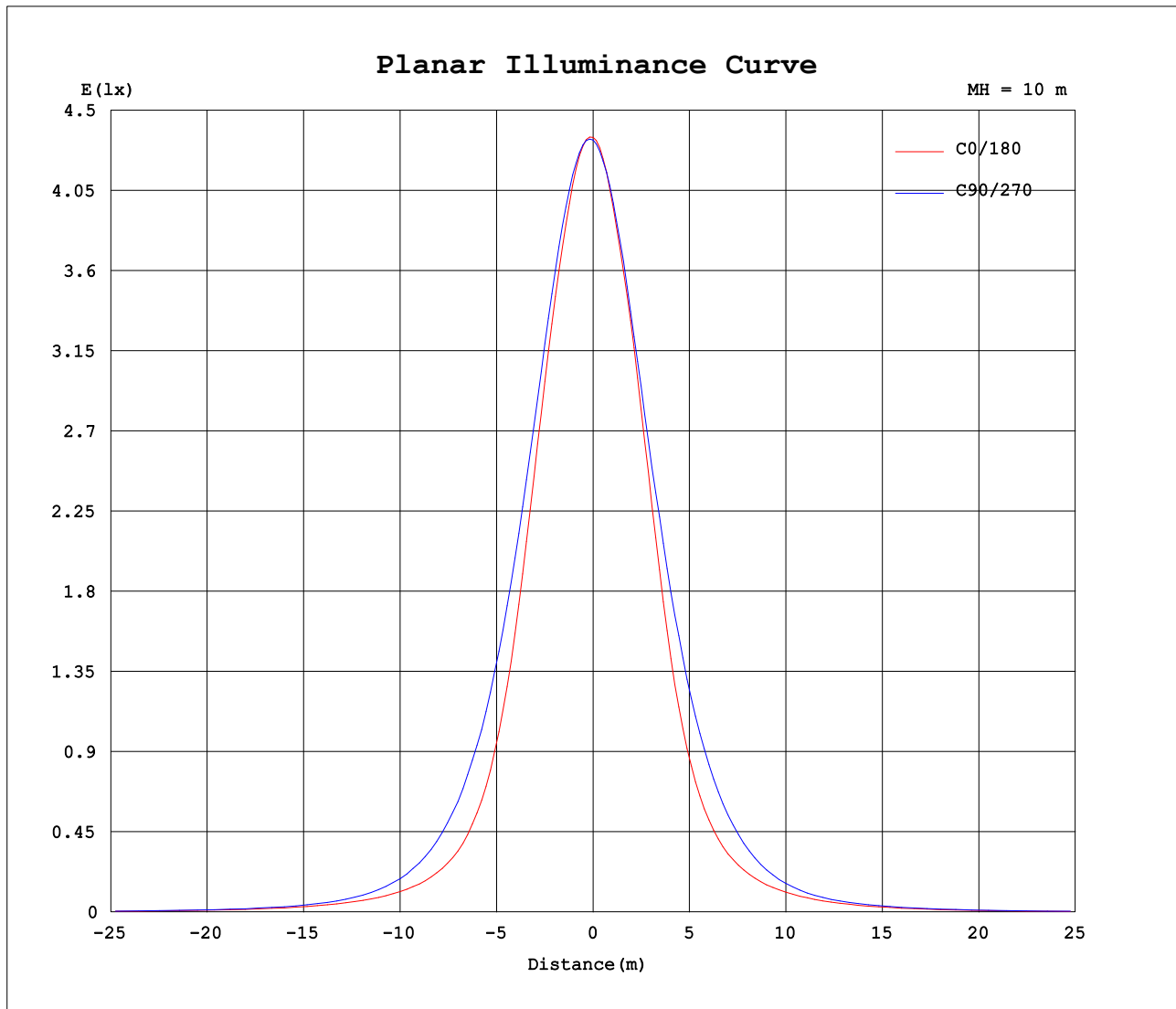
AvgL	cd/m2
L_0~180 (65) av	258
L_0~180 (75) av	218
L_0~180 (85) av	212
L_90~270 (65) av	301
L_90~270 (75) av	239
L_90~270 (85) av	193
L_45 (65) av	279
L_45 (75) av	224
L_45 (85) av	207

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-23

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: 2023-05-23

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:0.3909A P:9.390W PF:1.000 Freq:0Hz Lamp Flux:344.931x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-6000K-2040	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305004
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	435	434	434	433	433	433	435	434	434	433	433	433							
5	422	426	426	425	420	414	410	404	408	412	418	421							
10	377	384	388	391	380	370	363	354	358	368	379	379							
15	311	327	332	337	324	304	294	295	301	310	323	317							
20	229	258	270	274	258	223	210	228	245	250	258	241							
25	153	188	214	213	193	152	138	161	191	192	194	167							
30	96.7	128	163	158	137	98.7	89.5	107	142	141	139	110							
35	62.7	85.3	118	113	95.8	64.6	59.7	71.9	101	99.2	96.3	70.4							
40	43.9	57.3	81.8	78.3	66.3	44.6	42.6	49.4	68.8	67.7	66.0	47.0							
45	32.8	40.4	54.8	53.3	45.6	33.0	31.8	35.4	45.9	45.7	45.1	33.7							
50	25.1	29.6	36.8	36.4	31.5	25.1	24.1	26.2	31.1	31.1	31.3	25.2							
55	19.3	22.3	25.5	25.5	22.5	19.4	18.2	19.7	21.8	22.1	22.0	19.3							
60	15.0	17.0	18.4	18.4	16.5	14.9	13.7	14.5	15.9	16.2	16.1	14.8							
65	11.6	12.8	13.4	13.5	12.0	11.2	10.2	10.6	11.5	11.9	11.9	11.1							
70	8.83	9.45	9.72	9.81	8.64	8.17	7.29	7.39	8.03	8.52	8.53	8.11							
75	6.45	6.77	6.79	6.80	5.91	5.70	4.82	4.80	5.16	5.56	5.71	5.57							
80	4.33	4.46	4.36	4.22	3.65	3.61	2.72	2.63	2.81	3.06	3.34	3.41							
85	2.54	2.58	2.44	2.16	2.03	2.03	1.15	1.11	1.13	1.20	1.48	1.61							
90	1.40	1.39	1.41	1.41	1.43	1.51	0.59	0.60	0.56	0.49	0.50	0.53							
95	1.22	1.27	1.34	1.39	1.41	1.48	0.65	0.61	0.64	0.53	0.52	0.40							
100	1.21	1.26	1.35	1.41	1.42	1.46	0.72	0.69	0.74	0.64	0.61	0.45							
105	1.22	1.28	1.35	1.45	1.41	1.43	0.82	0.80	0.85	0.77	0.74	0.58							
110	1.23	1.32	1.39	1.49	1.43	1.45	0.96	0.94	1.00	0.92	0.88	0.72							
115	1.27	1.38	1.46	1.57	1.48	1.50	1.12	1.12	1.18	1.10	1.05	0.91							
120	1.40	1.49	1.56	1.66	1.57	1.59	1.32	1.31	1.36	1.29	1.25	1.11							
125	1.54	1.62	1.69	1.80	1.73	1.74	1.54	1.52	1.57	1.50	1.47	1.34							
130	1.74	1.82	1.87	1.98	1.91	1.94	1.75	1.75	1.78	1.70	1.68	1.56							
135	1.99	2.05	2.07	2.18	2.14	2.17	1.98	1.96	1.99	1.90	1.90	1.80							
140	2.27	2.29	2.28	2.38	2.36	2.42	2.19	2.17	2.19	2.10	2.10	2.02							
145	2.53	2.54	2.48	2.57	2.57	2.66	2.36	2.36	2.37	2.28	2.27	2.21							
150	2.77	2.75	2.67	2.74	2.77	2.88	2.50	2.49	2.52	2.41	2.41	2.37							
155	2.95	2.93	2.80	2.88	2.91	3.04	2.62	2.60	2.66	2.54	2.53	2.49							
160	3.06	3.04	2.91	2.99	3.01	3.09	2.70	2.71	2.77	2.66	2.63	2.56							
165	3.10	3.09	3.01	3.07	3.07	3.09	2.76	2.78	2.87	2.77	2.73	2.63							
170	3.11	3.10	3.05	3.10	3.09	3.10	2.85	2.86	2.98	2.89	2.86	2.72							
175	3.11	3.09	3.09	3.11	3.09	3.07	2.96	2.94	3.07	3.02	2.99	2.85							
180	3.08	3.08	3.10	3.11	3.10	3.04	3.03	3.05	3.11	3.11	3.11	3.02							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-23

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	434.8	434.0	433.8	433.3	433.3	433.3	434.8	434.0	433.8	433.3
3.0	431.6	433.4	433.2	432.3	428.4	425.3	424.5	420.6	421.8	423.3
6.0	415.0	419.6	420.8	420.7	413.5	406.4	401.8	394.7	399.0	404.7
9.0	387.5	394.1	397.4	399.8	390.1	380.5	373.0	364.5	369.0	379.1
12.0	352.9	361.3	366.7	370.7	359.3	346.2	338.4	332.1	335.7	344.9
15.0	311.1	327.1	331.7	337.0	323.8	304.0	293.6	295.5	300.9	310.3
18.0	263.0	286.6	293.8	300.0	285.3	256.1	244.4	257.2	266.5	273.7
21.0	212.3	245.0	259.2	261.1	245.0	209.1	194.1	213.4	233.9	237.0
24.0	166.1	202.9	224.8	225.5	205.2	165.9	151.1	173.4	201.5	203.6
27.0	127.2	163.4	193.1	190.6	168.7	128.4	115.9	136.9	170.6	169.2
30.0	96.73	128.4	162.6	157.8	137.0	98.73	89.48	106.8	142.1	141.1
33.0	74.00	100.7	135.3	130.8	110.6	75.95	69.76	83.68	116.6	114.6
36.0	57.93	78.41	110.5	105.8	89.11	59.48	55.56	66.31	93.79	92.09
39.0	46.90	62.09	88.33	84.51	71.38	47.91	45.32	53.15	74.52	73.17
42.0	38.74	49.70	69.65	67.60	57.10	39.37	37.60	42.99	58.53	57.77
45.0	32.79	40.37	54.78	53.31	45.60	32.96	31.80	35.40	45.90	45.67
48.0	27.88	33.32	43.00	42.43	36.42	27.89	26.93	29.41	36.26	36.03
51.0	23.80	27.92	34.09	33.84	29.42	23.75	22.76	24.73	28.89	28.92
54.0	20.32	23.65	27.22	27.22	23.99	20.41	19.22	20.83	23.41	23.62
57.0	17.36	19.99	22.32	22.23	19.88	17.38	16.28	17.50	19.18	19.50
60.0	14.96	17.03	18.39	18.40	16.49	14.87	13.73	14.52	15.89	16.19
63.0	12.88	14.34	15.24	15.38	13.62	12.51	11.50	12.12	13.08	13.50
66.0	11.01	12.05	12.59	12.75	11.27	10.53	9.558	9.871	10.72	11.15
69.0	9.339	10.08	10.39	10.53	9.269	8.715	7.824	7.991	8.677	9.182
72.0	7.841	8.303	8.486	8.593	7.520	7.107	6.246	6.382	6.798	7.208
75.0	6.453	6.766	6.786	6.801	5.906	5.696	4.815	4.804	5.156	5.559
78.0	5.146	5.354	5.278	5.198	4.498	4.384	3.519	3.452	3.704	4.030
81.0	3.944	4.062	3.945	3.755	3.286	3.259	2.358	2.284	2.418	2.642
84.0	2.854	2.917	2.769	2.534	2.280	2.299	1.409	1.345	1.399	1.501
87.0	1.958	1.983	1.873	1.557	1.641	1.643	0.7475	0.7752	0.7474	0.7054
90.0	1.399	1.391	1.413	1.405	1.428	1.511	0.5931	0.5981	0.5581	0.4940
93.0	1.227	1.321	1.343	1.387	1.417	1.494	0.6183	0.5980	0.6084	0.5117
96.0	1.211	1.252	1.346	1.392	1.417	1.478	0.6586	0.6181	0.6636	0.5526
99.0	1.211	1.260	1.349	1.407	1.416	1.461	0.7038	0.6734	0.7139	0.6230
102.0	1.216	1.270	1.352	1.417	1.415	1.444	0.7641	0.7535	0.7842	0.6884
105.0	1.221	1.282	1.355	1.447	1.414	1.428	0.8245	0.7990	0.8547	0.7688
108.0	1.226	1.302	1.367	1.468	1.418	1.427	0.9000	0.8842	0.9402	0.8591
111.0	1.231	1.332	1.397	1.508	1.432	1.453	0.9903	0.9847	1.031	0.9546
114.0	1.256	1.367	1.442	1.553	1.467	1.488	1.091	1.085	1.136	1.075
117.0	1.316	1.417	1.498	1.593	1.512	1.538	1.202	1.181	1.247	1.171
120.0	1.397	1.493	1.558	1.664	1.573	1.593	1.322	1.311	1.357	1.286
123.0	1.482	1.568	1.638	1.744	1.658	1.669	1.448	1.437	1.488	1.407
126.0	1.568	1.664	1.728	1.840	1.764	1.784	1.583	1.563	1.609	1.528
129.0	1.703	1.779	1.829	1.940	1.874	1.900	1.709	1.718	1.734	1.658
132.0	1.834	1.900	1.954	2.061	2.000	2.031	1.845	1.834	1.865	1.794
135.0	1.990	2.046	2.070	2.182	2.135	2.172	1.976	1.965	1.991	1.900
138.0	2.155	2.197	2.201	2.302	2.276	2.322	2.106	2.090	2.116	2.030
141.0	2.311	2.342	2.321	2.418	2.402	2.473	2.227	2.211	2.227	2.136
144.0	2.477	2.498	2.442	2.538	2.533	2.614	2.332	2.312	2.332	2.231
147.0	2.628	2.634	2.553	2.644	2.653	2.754	2.433	2.407	2.433	2.322
150.0	2.769	2.754	2.668	2.739	2.769	2.875	2.503	2.488	2.523	2.407
153.0	2.884	2.870	2.759	2.825	2.854	2.981	2.594	2.563	2.609	2.483
156.0	2.985	2.950	2.849	2.900	2.930	3.061	2.634	2.633	2.684	2.568
159.0	3.050	3.021	2.890	2.965	3.005	3.084	2.689	2.704	2.749	2.628
162.0	3.076	3.061	2.940	3.026	3.030	3.088	2.724	2.734	2.810	2.699
165.0	3.095	3.091	3.015	3.071	3.071	3.092	2.759	2.779	2.875	2.769
168.0	3.102	3.101	3.030	3.097	3.092	3.097	2.815	2.839	2.930	2.845
171.0	3.107	3.101	3.056	3.102	3.093	3.101	2.875	2.875	2.991	2.925
174.0	3.111	3.095	3.087	3.106	3.094	3.076	2.935	2.930	3.051	3.010
177.0	3.116	3.086	3.096	3.111	3.096	3.046	3.006	3.000	3.106	3.055
180.0	3.081	3.081	3.101	3.111	3.101	3.036	3.031	3.046	3.106	3.106
G/C	300.0	330.0								
0.0	433.3	433.3								
3.0	427.4	429.2								
6.0	412.2	414.3								
9.0	389.0	389.6								
12.0	358.2	356.8								
15.0	322.6	316.9								
18.0	283.6	272.6								
21.0	244.6	225.9								
24.0	206.1	181.0								
27.0	170.3	142.5								
30.0	138.8	110.1								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-05-23

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:

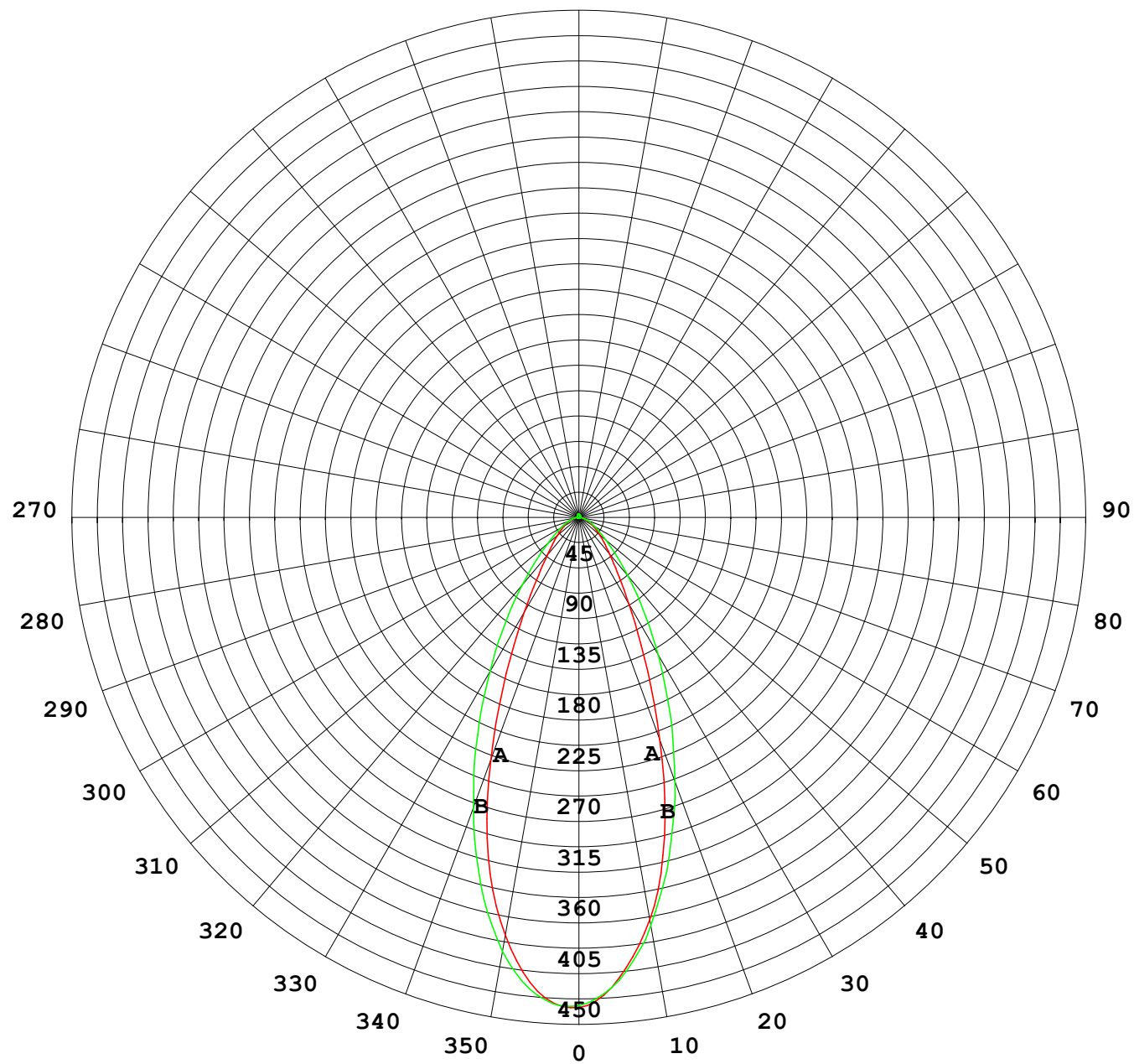
Photometric Data Table [cd]

33.0	111.9	83.83
36.0	89.39	64.57
39.0	71.26	50.59
42.0	56.79	40.64
45.0	45.13	33.65
48.0	36.08	28.12
51.0	29.05	23.82
54.0	23.58	20.38
57.0	19.27	17.34
60.0	16.13	14.75
63.0	13.40	12.51
66.0	11.14	10.50
69.0	9.155	8.674
72.0	7.321	7.056
75.0	5.709	5.573
78.0	4.247	4.220
81.0	2.930	2.998
84.0	1.795	1.918
87.0	0.9529	1.068
90.0	0.5021	0.5338
93.0	0.4777	0.3923
96.0	0.5280	0.4071
99.0	0.5932	0.4420
102.0	0.6586	0.5073
105.0	0.7390	0.5777
108.0	0.8196	0.6630
111.0	0.9100	0.7585
114.0	1.021	0.8591
117.0	1.131	0.9796
120.0	1.252	1.105
123.0	1.383	1.246
126.0	1.513	1.387
129.0	1.639	1.522
132.0	1.770	1.653
135.0	1.900	1.799
138.0	2.026	1.940
141.0	2.131	2.060
144.0	2.242	2.191
147.0	2.332	2.286
150.0	2.413	2.372
153.0	2.493	2.442
156.0	2.548	2.518
159.0	2.609	2.548
162.0	2.674	2.598
165.0	2.734	2.633
168.0	2.810	2.694
171.0	2.875	2.744
174.0	2.961	2.834
177.0	3.046	2.915
180.0	3.111	3.015

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-05-23

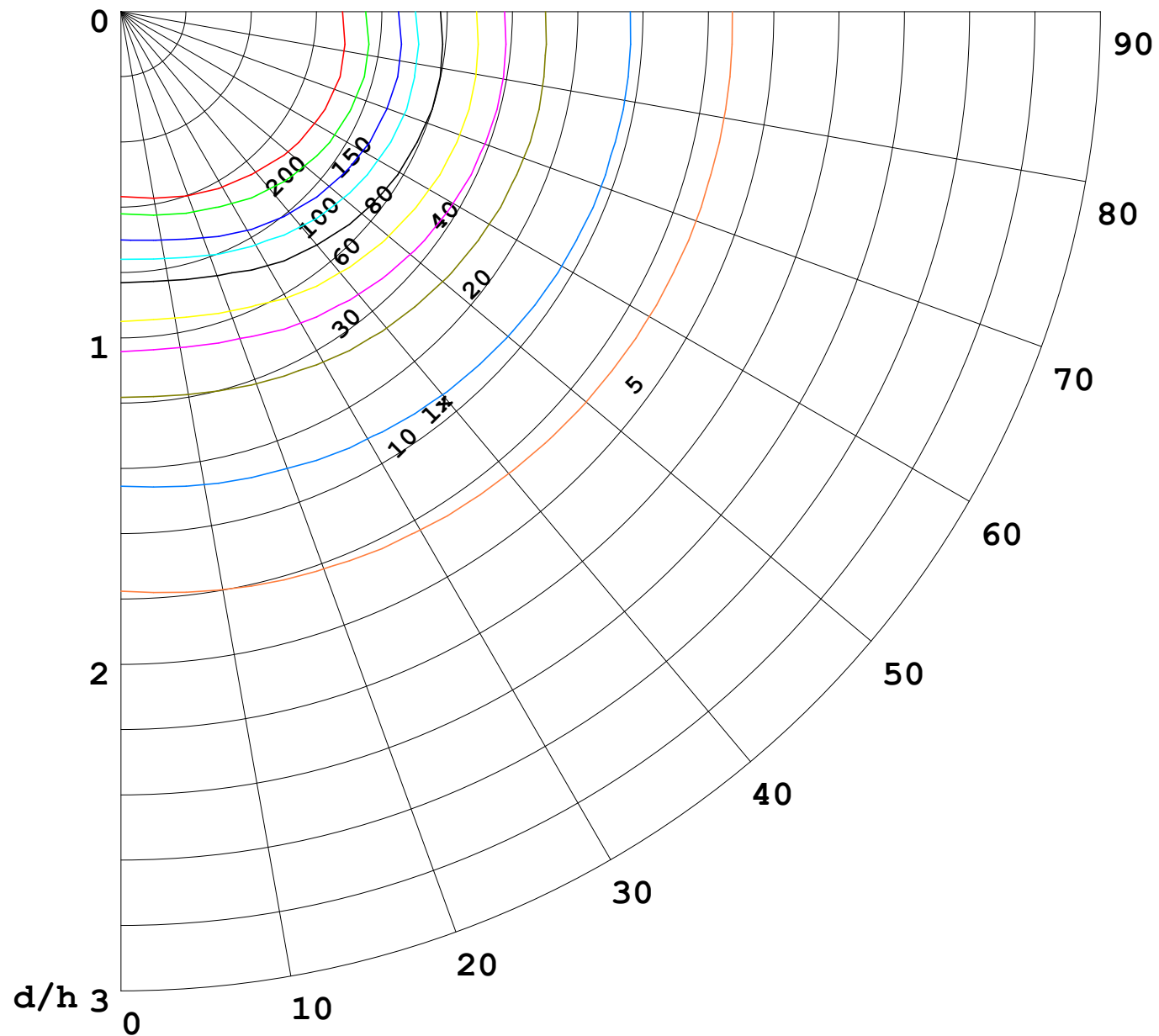
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

