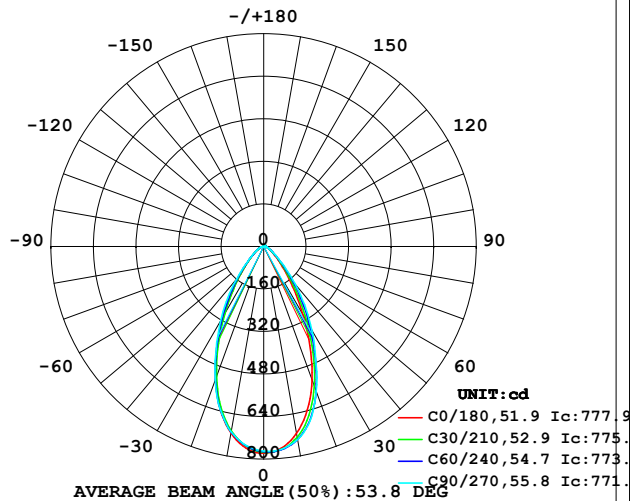


LUMINAIRE PHOTOMETRIC TEST REPORT

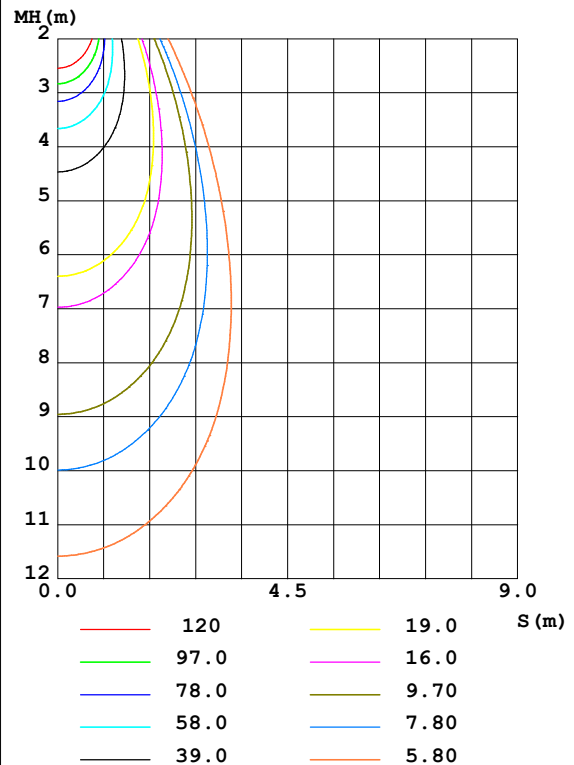
Test:U:24.00V I:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.89lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 42.15 lm/W			
MODEL	3535	I _{max} (cd)	777.9	S/MH (C0/180)	0.80
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH (C90/270)	0.82
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	765.89	η UP,DN (C0-180)	1.7,49.9
NOMINAL FLUX(lm)	765.891	CIE CLASS	DIRECT	η UP,DN (C180-360)	1.3,47.0
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	24	η down (%)	96.9	CIBSE SHR MAX	0.85

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: 2023-05-24

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	713.4	732.8	737.1	714.6	712.2	706.3	708.4	704.4	0- 10	70.98	70.98	9.27,9.27
20	532.6	567.4	578.5	543.3	528.5	525.9	534.1	532.9	10- 20	178.4	249.4	32.6,32.6
30	295.8	337.1	361.7	318.6	298.9	304.1	325.2	311.0	20- 30	195.3	444.7	58.1,58.1
40	133.5	160.5	183.6	148.3	135.6	140.4	157.2	143.4	30- 40	140.7	585.3	76.4,76.4
50	59.80	68.37	74.19	63.90	60.13	60.92	63.88	62.46	40- 50	76.87	662.2	86.5,86.5
60	31.26	33.61	34.40	31.62	29.68	29.73	30.76	31.47	50- 60	40.40	702.6	91.7,91.7
70	17.69	18.17	17.91	16.63	14.86	14.77	15.75	16.45	60- 70	23.06	725.6	94.7,94.7
80	8.773	8.725	8.110	7.419	5.565	5.382	5.912	6.806	70- 80	12.15	737.8	96.3,96.3
90	3.144	3.151	3.036	3.394	1.372	1.314	1.081	1.222	80- 90	4.439	742.2	96.9,96.9
100	2.844	2.970	3.156	3.268	1.684	1.641	1.512	1.337	90-100	2.409	744.6	97.2,97.2
110	3.000	3.184	3.393	3.355	2.252	2.247	2.145	1.970	100-110	2.618	747.3	97.6,97.6
120	3.482	3.631	3.800	3.759	3.041	3.058	2.989	2.809	110-120	2.958	750.2	98,98
130	4.306	4.367	4.519	4.475	3.967	3.981	3.909	3.764	120-130	3.334	753.5	98.4,98.4
140	5.341	5.275	5.358	5.382	4.876	4.875	4.769	4.664	130-140	3.561	757.1	98.9,98.9
150	6.276	6.114	6.117	6.217	5.604	5.624	5.478	5.385	140-150	3.427	760.5	99.3,99.3
160	6.815	6.672	6.695	6.762	6.112	6.187	6.066	5.905	150-160	2.834	763.4	99.7,99.7
170	7.066	6.991	7.046	6.957	6.614	6.664	6.639	6.441	160-170	1.864	765.2	99.9,99.9
180	7.076	7.099	7.126	6.991	7.071	7.074	7.121	6.978	170-180	0.6579	765.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 630.22 lm

%lum = 82.3%

%lamp = 82.3%

Conical surface Flux(120deg): 702.58 lm

%lum = 91.7%

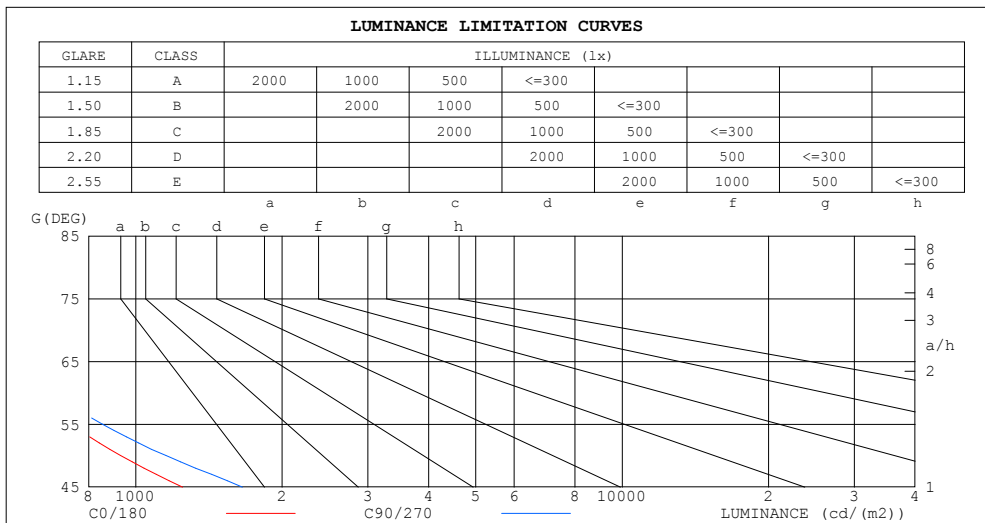
%lamp = 91.7%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	612	526
80	505	467
75	498	486
70	517	524
65	557	588
60	625	688
55	740	853
50	930	1154
45	1248	1657

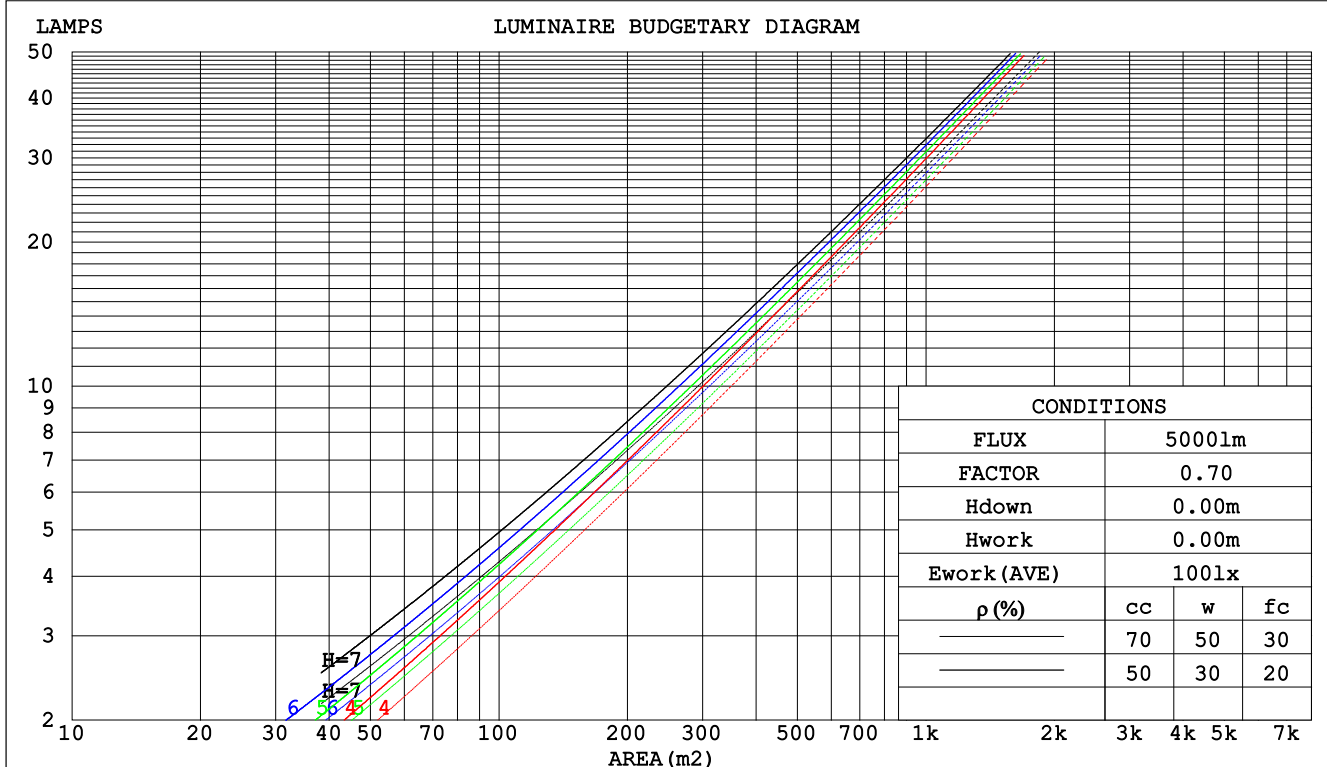
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.89lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
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															



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
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	.121	.038	.204	.117	.037	.190	.109	.035	.177	.102	.033	.164	.095	.031		
2.0	.202	.110	.034	.195	.107	.033	.182	.101	.032	.171	.096	.030	.160	.091	.029		
3.0	.190	.101	.030	.184	.099	.030	.173	.094	.029	.163	.090	.027	.154	.085	.026		
4.0	.179	.093	.027	.174	.091	.027	.164	.087	.026	.156	.084	.025	.147	.080	.024		
5.0	.169	.086	.025	.164	.084	.025	.156	.081	.024	.148	.078	.023	.141	.075	.023		
6.0	.160	.080	.023	.156	.079	.023	.148	.076	.022	.141	.073	.022	.134	.071	.021		
7.0	.151	.075	.021	.148	.074	.021	.141	.071	.021	.135	.069	.020	.129	.067	.020		
8.0	.143	.070	.020	.140	.069	.020	.134	.067	.019	.128	.065	.019	.123	.063	.018		
9.0	.136	.066	.018	.134	.065	.018	.128	.063	.018	.123	.062	.018	.118	.060	.017		
10.0	.130	.062	.017	.127	.062	.017	.122	.060	.017	.118	.058	.017	.113	.057	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.197	.181	.166	.169	.155	.143	.115	.107	.099	.066	.062	.057	.021	.020	.019	
2.0	.184	.156	.133	.158	.134	.115	.108	.093	.080	.062	.054	.047	.020	.018	.015	
3.0	.173	.138	.110	.148	.119	.095	.102	.083	.067	.059	.048	.039	.019	.016	.013	
4.0	.164	.124	.093	.140	.107	.081	.097	.074	.057	.056	.044	.034	.018	.014	.011	
5.0	.156	.112	.081	.134	.097	.070	.092	.068	.049	.053	.040	.029	.017	.013	.010	
6.0	.148	.103	.071	.127	.090	.062	.088	.063	.044	.051	.037	.026	.016	.012	.009	
7.0	.142	.096	.064	.122	.083	.056	.084	.058	.040	.049	.034	.024	.016	.011	.008	
8.0	.136	.090	.058	.117	.078	.051	.081	.055	.036	.047	.032	.022	.015	.011	.007	
9.0	.131	.085	.054	.113	.074	.047	.078	.052	.033	.045	.031	.020	.015	.010	.007	
10.0	.126	.081	.051	.108	.070	.044	.075	.049	.031	.044	.029	.019	.014	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm										
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 18.5MM*18.5MM			SERIAL No.:202305005		
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	10.7	11.8	11.0	12.0	12.2	11.6	12.7	11.9	12.9	13.1
3H	11.2	12.2	11.6	12.5	12.7	12.0	13.0	12.3	13.2	13.5
4H	11.5	12.4	11.8	12.7	13.0	12.2	13.1	12.5	13.4	13.7
6H	11.8	12.6	12.1	12.9	13.3	12.3	13.2	12.7	13.5	13.8
8H	11.9	12.7	12.2	13.0	13.4	12.4	13.3	12.8	13.6	13.9
12H	12.0	12.8	12.4	13.1	13.5	12.5	13.3	12.8	13.6	13.9
4H 2H	10.9	11.8	11.2	12.1	12.4	11.7	12.6	12.0	12.9	13.1
3H	11.6	12.4	12.0	12.7	13.1	12.2	13.0	12.6	13.4	13.7
4H	12.0	12.7	12.4	13.1	13.5	12.5	13.3	12.9	13.6	14.0
6H	12.4	13.0	12.8	13.4	13.8	12.8	13.5	13.2	13.8	14.3
8H	12.6	13.2	13.0	13.6	14.0	12.9	13.5	13.4	13.9	14.4
12H	12.7	13.3	13.2	13.7	14.2	13.0	13.6	13.5	14.0	14.5
8H 4H	12.1	12.7	12.6	13.1	13.5	12.6	13.2	13.1	13.6	14.0
6H	12.6	13.1	13.1	13.6	14.1	13.0	13.5	13.5	14.0	14.4
8H	12.9	13.4	13.4	13.8	14.3	13.2	13.6	13.7	14.1	14.6
12H	13.2	13.6	13.7	14.1	14.6	13.4	13.8	13.9	14.3	14.8
12H 4H	12.1	12.6	12.6	13.1	13.5	12.6	13.1	13.1	13.6	14.0
6H	12.7	13.1	13.2	13.6	14.1	13.0	13.5	13.5	13.9	14.5
8H	13.0	13.4	13.5	13.9	14.4	13.3	13.7	13.8	14.1	14.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.9					+ 1.0 / - 1.2				
1.5H	+ 1.0 / - 0.8					+ 1.7 / - 1.0				
2.0H	+ 1.2 / - 0.8					+ 1.9 / - 0.9				

CIE Pub.117, 765.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

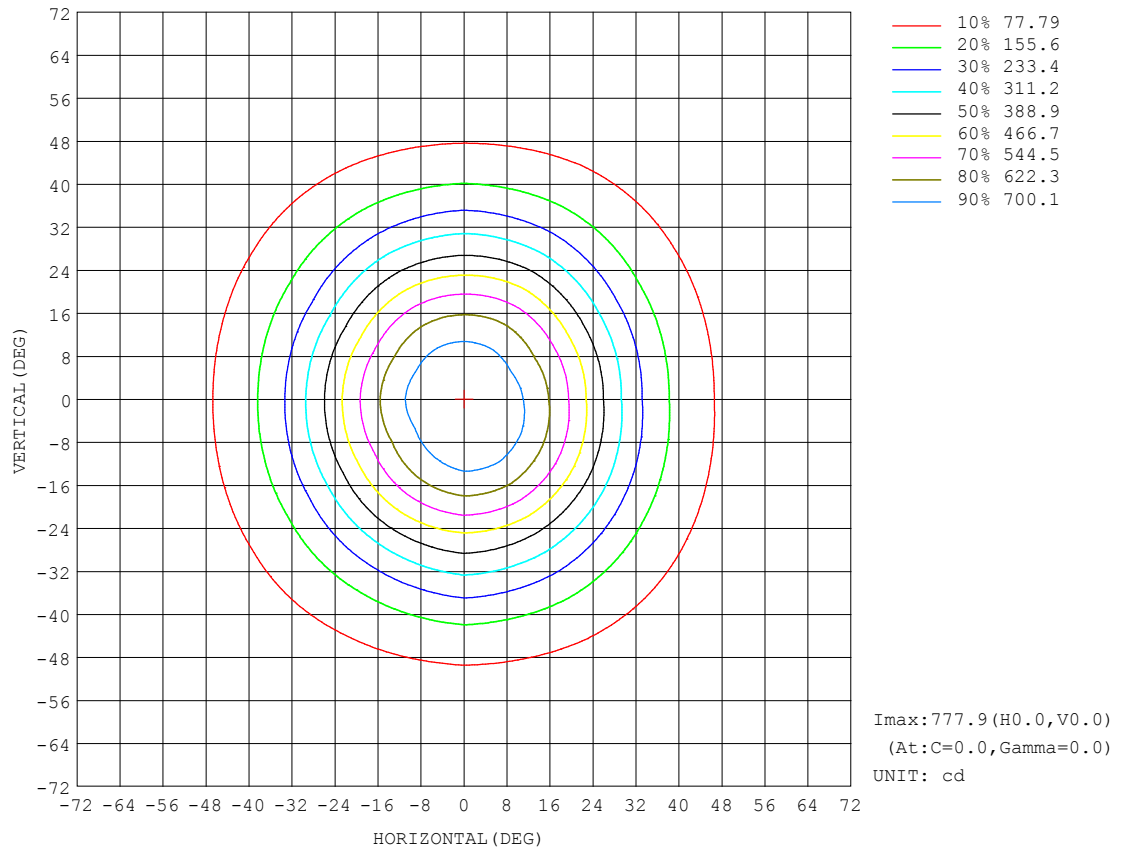
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	69	64	76	69	64	75	68	64	59
0.80	85	78	73	84	77	73	83	76	72	67
1.00	91	84	79	90	83	79	88	83	78	73
1.25	96	89	85	95	89	84	92	87	83	78
1.50	100	93	89	98	92	88	95	91	87	81
2.00	104	98	94	102	97	93	99	94	91	85
2.50	106	101	97	104	99	96	100	97	94	86
3.00	108	104	100	106	102	99	102	99	96	88
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	107	110	107	105	105	103	101	92
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:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

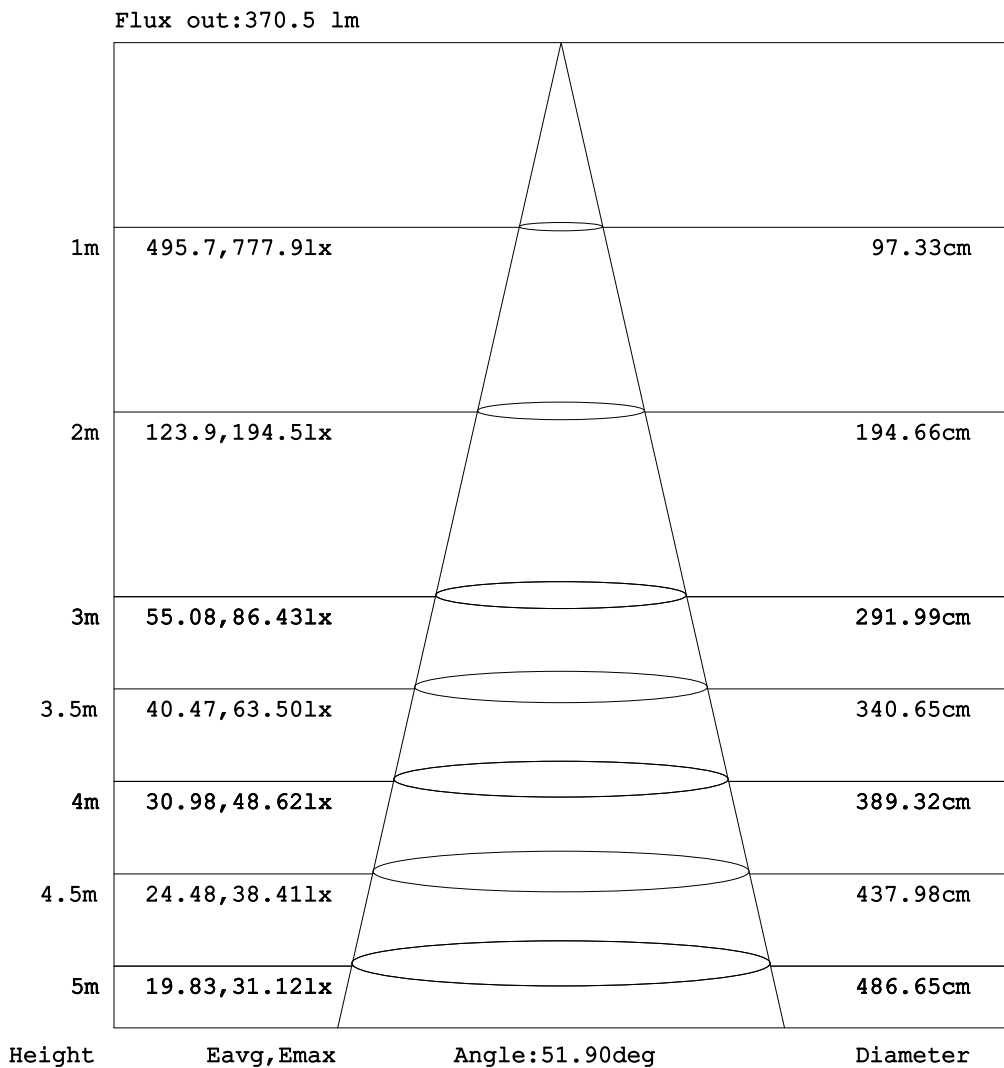


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.89lx1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



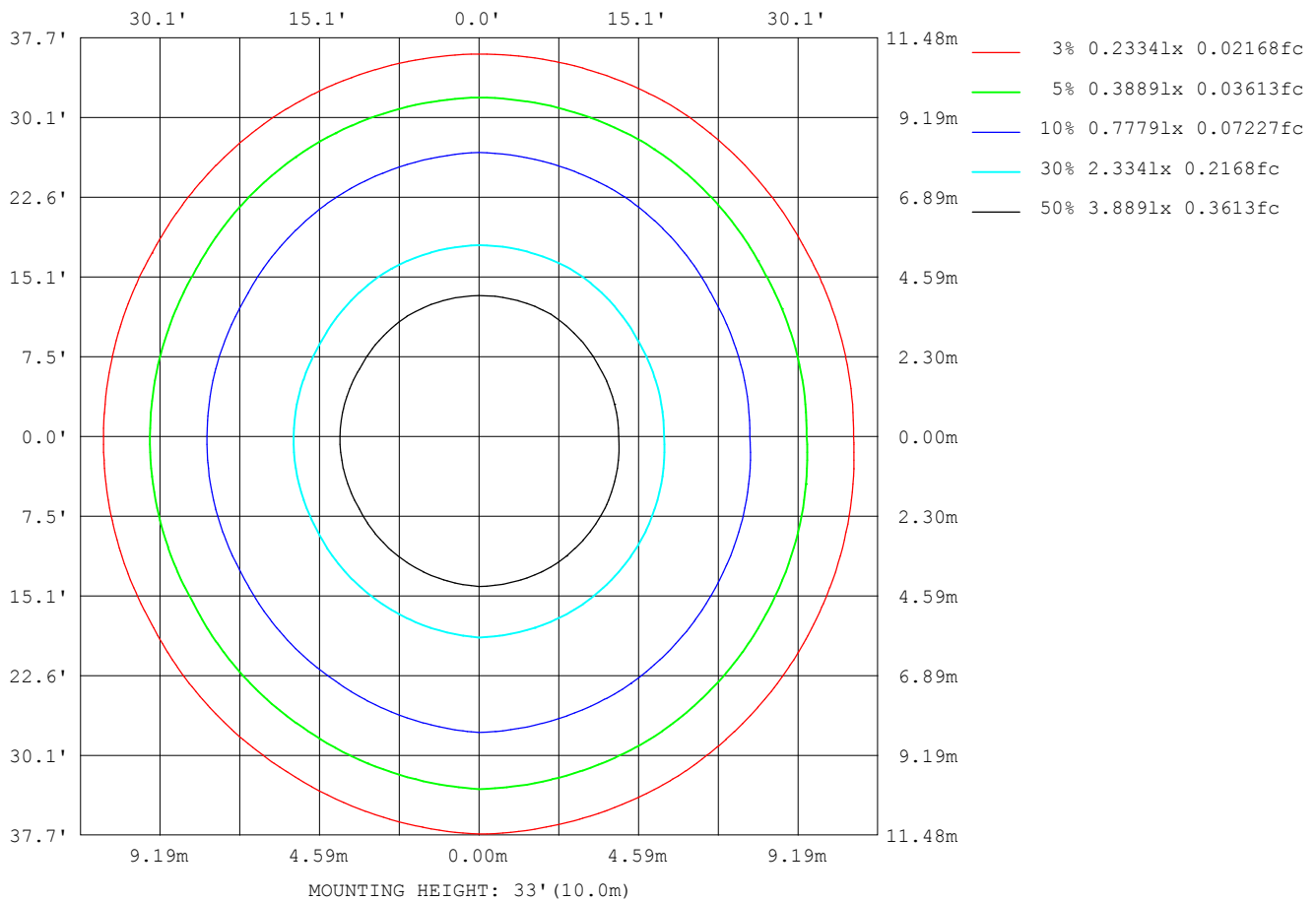
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.89lx 1m		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
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:2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

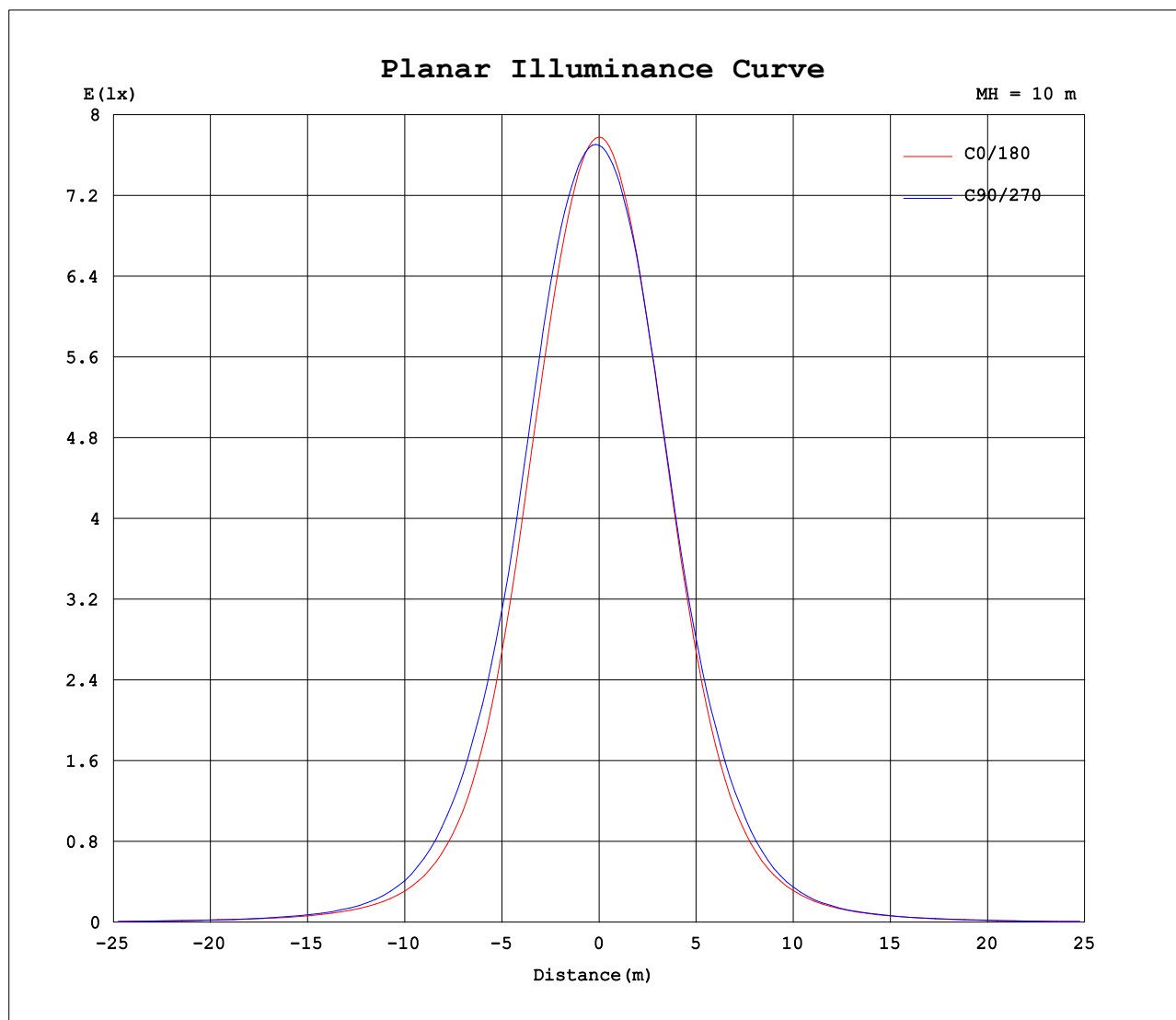
AvgL	cd/m2
L_0~180 (65) av	530
L_0~180 (75) av	438
L_0~180 (85) av	448
L_90~270 (65) av	557
L_90~270 (75) av	444
L_90~270 (85) av	405
L_45 (65) av	544
L_45 (75) av	439
L_45 (85) av	438

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

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: 2023-05-24

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:0.7571A P:18.17W PF:1.000 Freq:0Hz Lamp Flux:765.891x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-38	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305005
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	778	774	772	770	768	766	778	774	772	770	768	766							
5	762	766	767	766	759	752	761	754	753	751	751	749							
10	713	728	737	737	722	707	712	704	709	708	707	701							
15	637	659	676	678	656	633	634	624	634	634	637	626							
20	533	558	577	579	557	529	529	520	532	534	538	528							
25	411	440	459	464	442	415	412	403	420	424	428	414							
30	296	325	349	362	332	305	299	293	315	325	321	301							
35	202	225	253	269	236	210	205	201	221	236	226	205							
40	134	150	171	184	158	139	136	134	147	157	151	136							
45	88.3	97.7	111	117	102	91.1	89.2	88.5	94.8	99.6	97.3	89.6							
50	59.8	65.3	71.5	74.2	66.4	61.4	60.1	59.8	62.1	63.9	64.2	60.7							
55	42.4	45.5	48.2	48.9	45.2	42.9	41.7	41.5	42.5	43.3	44.2	42.8							
60	31.3	33.0	34.2	34.4	32.1	31.1	29.7	29.4	30.0	30.8	31.9	31.0							
65	23.5	24.5	24.9	24.8	23.3	22.7	21.2	21.0	21.5	22.2	23.2	22.7							
70	17.7	18.1	18.2	17.9	16.8	16.5	14.9	14.5	15.0	15.8	16.6	16.4							
75	12.9	13.2	12.9	12.6	11.7	11.5	9.77	9.42	9.79	10.4	11.2	11.2							
80	8.77	8.95	8.50	8.11	7.46	7.38	5.57	5.25	5.51	5.91	6.72	6.90							
85	5.33	5.45	5.02	4.58	4.40	4.36	2.47	2.31	2.37	2.48	3.16	3.36							
90	3.14	3.20	3.10	3.04	3.25	3.54	1.37	1.36	1.27	1.08	1.18	1.26							
95	2.83	2.88	3.00	3.09	3.22	3.42	1.50	1.45	1.43	1.27	1.21	0.99							
100	2.84	2.92	3.02	3.16	3.23	3.30	1.68	1.64	1.64	1.51	1.44	1.23							
105	2.87	3.00	3.11	3.26	3.25	3.30	1.94	1.91	1.92	1.80	1.72	1.51							
110	3.00	3.11	3.26	3.39	3.33	3.38	2.25	2.24	2.25	2.15	2.07	1.87							
115	3.19	3.30	3.43	3.58	3.50	3.53	2.61	2.63	2.64	2.54	2.46	2.27							
120	3.48	3.57	3.69	3.80	3.75	3.77	3.04	3.05	3.06	2.99	2.90	2.72							
125	3.86	3.93	4.02	4.14	4.07	4.09	3.49	3.52	3.52	3.44	3.36	3.20							
130	4.31	4.34	4.40	4.52	4.46	4.49	3.97	3.98	3.98	3.91	3.84	3.69							
135	4.81	4.82	4.82	4.94	4.90	4.95	4.43	4.44	4.44	4.35	4.29	4.15							
140	5.34	5.30	5.25	5.36	5.35	5.41	4.88	4.87	4.88	4.77	4.72	4.61							
145	5.84	5.77	5.67	5.76	5.78	5.88	5.27	5.26	5.28	5.14	5.10	5.02							
150	6.28	6.19	6.04	6.12	6.16	6.27	5.60	5.61	5.64	5.48	5.42	5.35							
155	6.61	6.52	6.35	6.43	6.48	6.60	5.89	5.90	5.95	5.78	5.70	5.61							
160	6.81	6.75	6.59	6.69	6.70	6.82	6.11	6.15	6.22	6.07	5.97	5.84							
165	6.96	6.92	6.79	6.89	6.87	6.93	6.33	6.37	6.48	6.36	6.25	6.08							
170	7.07	7.04	6.95	7.05	6.98	6.94	6.61	6.59	6.73	6.64	6.54	6.34							
175	7.09	7.07	7.06	7.11	7.04	6.95	6.85	6.83	6.97	6.89	6.83	6.63							
180	7.08	7.07	7.13	7.13	7.04	6.94	7.07	7.04	7.11	7.12	7.08	6.88							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

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	777.9	774.4	772.3	769.9	768.1	765.9	777.9	774.4	772.3	769.9
3.0	771.9	772.7	772.3	770.3	765.7	761.4	772.0	765.3	763.8	761.1
6.0	754.9	761.4	763.5	762.0	753.3	745.4	754.0	746.9	746.6	745.2
9.0	725.5	738.0	745.5	744.7	731.2	718.6	724.4	715.7	719.4	718.6
12.0	686.1	704.8	716.7	717.6	699.3	680.0	684.3	675.7	682.6	682.1
15.0	636.6	658.8	675.7	677.9	656.1	632.5	633.5	624.4	633.8	633.9
18.0	577.7	600.9	620.5	622.1	600.4	574.2	573.0	563.7	575.0	576.3
21.0	508.7	535.4	553.7	557.5	534.7	508.1	505.6	496.0	509.8	511.2
24.0	435.5	463.3	482.5	487.6	465.3	439.5	435.5	426.3	441.9	445.3
27.0	363.6	392.1	414.2	423.3	397.0	371.2	364.5	359.6	376.0	383.9
30.0	295.8	325.0	349.1	361.7	332.1	305.0	298.9	293.1	315.2	325.2
33.0	236.1	261.2	289.6	305.8	272.0	246.0	239.3	235.4	256.1	269.6
36.0	186.1	207.4	235.1	249.5	218.4	193.6	188.8	186.5	204.4	219.7
39.0	144.9	162.7	186.1	200.2	171.3	151.3	147.4	145.4	160.2	170.8
42.0	113.0	126.2	144.0	155.0	132.5	117.8	114.7	113.5	123.6	130.3
45.0	88.26	97.74	110.5	117.2	102.0	91.14	89.23	88.48	94.84	99.58
48.0	69.65	76.62	84.88	88.90	78.52	71.49	70.11	69.58	73.20	74.99
51.0	55.67	60.56	65.77	67.85	61.33	56.90	55.73	55.25	57.47	58.41
54.0	45.33	48.72	51.95	53.06	48.64	45.93	44.69	44.59	45.57	46.38
57.0	37.44	39.91	41.80	42.39	39.22	37.66	36.17	36.13	36.79	37.29
60.0	31.26	33.02	34.20	34.40	32.12	31.13	29.68	29.44	30.03	30.76
63.0	26.32	27.73	28.22	28.12	26.42	25.73	24.29	24.19	24.65	25.22
66.0	22.77	23.08	23.44	23.27	21.84	21.26	19.76	19.58	20.02	20.76
69.0	18.27	19.35	19.43	19.14	17.96	17.60	16.04	15.71	16.22	17.02
72.0	15.69	16.12	15.97	15.62	14.63	14.36	12.71	12.45	12.77	13.56
75.0	12.88	13.17	12.88	12.57	11.65	11.54	9.771	9.417	9.791	10.41
78.0	10.33	10.60	10.13	9.788	9.021	8.924	7.143	6.907	7.118	7.562
81.0	8.009	8.135	7.708	7.331	6.732	6.664	4.847	4.559	4.781	5.197
84.0	5.944	6.085	5.617	5.171	4.882	4.860	2.974	2.800	2.879	3.057
87.0	4.253	4.299	3.991	3.521	3.668	3.612	1.681	1.646	1.636	1.532
90.0	3.144	3.199	3.103	3.036	3.247	3.540	1.372	1.362	1.267	1.081
93.0	2.830	2.875	2.993	3.061	3.211	3.468	1.438	1.392	1.352	1.171
96.0	2.836	2.895	3.000	3.096	3.221	3.396	1.533	1.492	1.473	1.316
99.0	2.842	2.915	3.005	3.146	3.231	3.325	1.639	1.598	1.594	1.462
102.0	2.848	2.940	3.055	3.197	3.241	3.277	1.780	1.744	1.745	1.623
105.0	2.875	2.996	3.106	3.257	3.251	3.302	1.936	1.914	1.921	1.799
108.0	2.935	3.051	3.186	3.332	3.292	3.337	2.117	2.100	2.112	1.995
111.0	3.025	3.136	3.272	3.428	3.357	3.408	2.318	2.316	2.323	2.221
114.0	3.151	3.252	3.397	3.539	3.462	3.498	2.539	2.542	2.559	2.462
117.0	3.296	3.388	3.528	3.659	3.588	3.619	2.785	2.778	2.805	2.703
120.0	3.482	3.574	3.688	3.800	3.749	3.770	3.041	3.055	3.062	2.989
123.0	3.703	3.770	3.889	3.991	3.935	3.956	3.313	3.326	3.333	3.251
126.0	3.944	4.001	4.090	4.197	4.140	4.162	3.589	3.608	3.610	3.537
129.0	4.210	4.253	4.316	4.434	4.376	4.403	3.876	3.894	3.891	3.814
132.0	4.517	4.519	4.567	4.680	4.633	4.660	4.162	4.156	4.167	4.080
135.0	4.813	4.815	4.824	4.941	4.899	4.946	4.434	4.437	4.444	4.352
138.0	5.130	5.112	5.080	5.192	5.171	5.233	4.700	4.698	4.705	4.608
141.0	5.442	5.399	5.341	5.444	5.437	5.509	4.956	4.950	4.961	4.859
144.0	5.743	5.685	5.588	5.675	5.698	5.785	5.192	5.186	5.202	5.075
147.0	6.025	5.951	5.829	5.916	5.940	6.042	5.418	5.407	5.424	5.281
150.0	6.276	6.187	6.040	6.117	6.161	6.273	5.604	5.608	5.640	5.478
153.0	6.487	6.403	6.226	6.318	6.362	6.484	5.785	5.799	5.831	5.658
156.0	6.664	6.574	6.392	6.489	6.538	6.650	5.936	5.955	6.001	5.839
159.0	6.789	6.715	6.548	6.644	6.664	6.780	6.067	6.101	6.167	6.005
162.0	6.880	6.825	6.664	6.770	6.784	6.880	6.197	6.236	6.328	6.181
165.0	6.955	6.921	6.789	6.886	6.870	6.928	6.333	6.372	6.479	6.357
168.0	7.031	6.991	6.880	6.991	6.940	6.935	6.499	6.508	6.635	6.538
171.0	7.076	7.051	6.970	7.066	6.991	6.942	6.660	6.644	6.775	6.694
174.0	7.082	7.064	7.036	7.105	7.031	6.948	6.795	6.789	6.926	6.839
177.0	7.091	7.076	7.106	7.126	7.041	6.951	6.956	6.920	7.062	6.980
180.0	7.076	7.071	7.126	7.126	7.041	6.941	7.071	7.036	7.111	7.121
G/C	300.0	330.0								
0.0	768.1	765.9								
3.0	760.8	759.0								
6.0	744.5	741.7								
9.0	718.2	714.2								
12.0	682.8	674.8								
15.0	636.8	625.9								
18.0	580.2	569.2								
21.0	516.4	504.1								
24.0	450.0	436.3								
27.0	383.6	364.6								
30.0	321.0	301.1								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-05-24

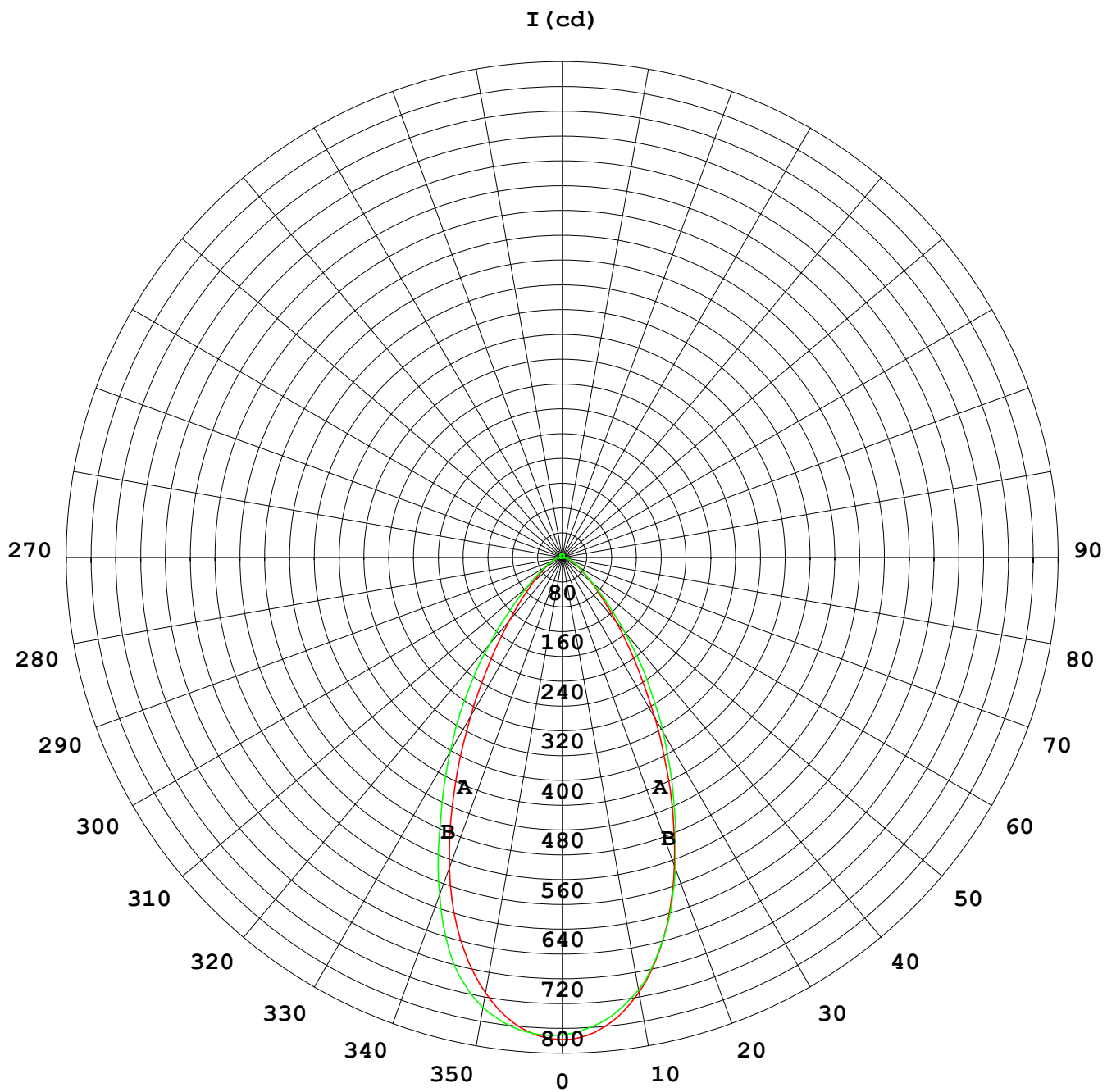
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	262.0	240.6
36.0	209.5	189.7
39.0	164.1	147.7
42.0	126.6	114.7
45.0	97.26	89.64
48.0	75.45	70.64
51.0	59.28	56.47
54.0	47.63	45.98
57.0	38.84	37.59
60.0	31.94	30.99
63.0	26.33	25.79
66.0	21.69	21.23
69.0	17.76	17.60
72.0	14.24	14.18
75.0	11.21	11.21
78.0	8.434	8.575
81.0	5.947	6.127
84.0	3.792	3.997
87.0	2.122	2.336
90.0	1.185	1.259
93.0	1.126	0.9751
96.0	1.247	1.030
99.0	1.393	1.176
102.0	1.549	1.336
105.0	1.720	1.512
108.0	1.931	1.723
111.0	2.142	1.949
114.0	2.383	2.176
117.0	2.635	2.442
120.0	2.896	2.723
123.0	3.177	3.005
126.0	3.464	3.296
129.0	3.740	3.587
132.0	4.022	3.879
135.0	4.293	4.151
138.0	4.554	4.457
141.0	4.801	4.698
144.0	5.026	4.935
147.0	5.232	5.166
150.0	5.423	5.347
153.0	5.594	5.513
156.0	5.755	5.664
159.0	5.916	5.799
162.0	6.077	5.940
165.0	6.253	6.081
168.0	6.424	6.227
171.0	6.605	6.392
174.0	6.765	6.568
177.0	6.936	6.724
180.0	7.076	6.880

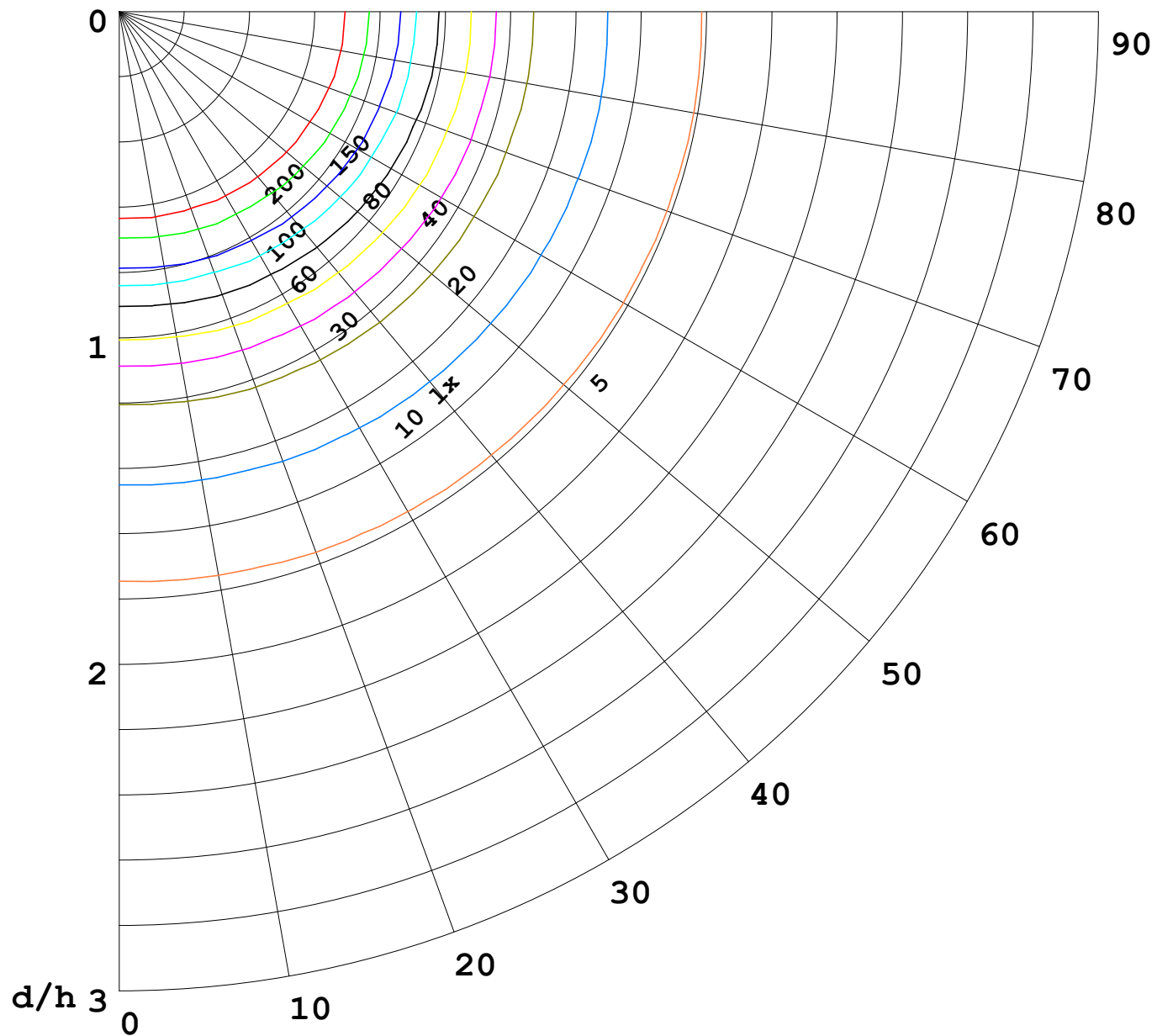
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-05-24

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

$\kappa = 1$



	Pcc	Pw	Pfc
————	70	50	30
————	50	30	20

