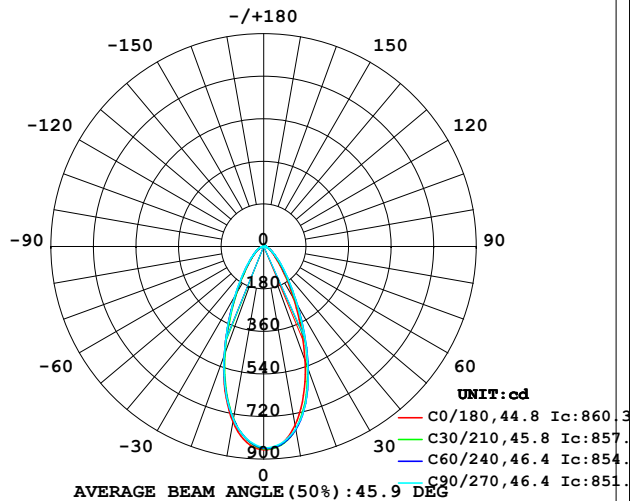


LUMINAIRE PHOTOMETRIC TEST REPORT

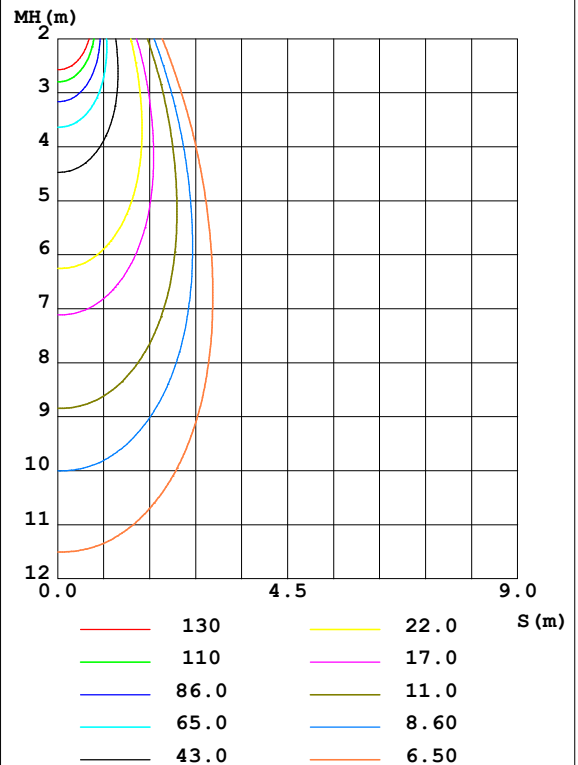
Test:U:24.00V I:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.93 lm/W			
MODEL	3535	I _{max} (cd)	860.3	S/MH (C0/180)	0.70
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.71
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	710.15	η UP, DN (C0-180)	1.7, 50.3
NOMINAL FLUX (lm)	710.147	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 46.6
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	24	η down (%)	96.9	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	767.2	786.1	782.1	757.0	753.0	740.6	741.3	754.0	0- 10	76.96	76.96	10.8,10.8
20	511.2	546.1	549.1	511.4	489.9	483.5	489.7	510.0	10- 20	179.1	256.0	36.1,36.1
30	253.3	281.0	281.7	254.6	237.5	236.0	247.3	253.8	20- 30	170.4	426.4	60,60
40	114.1	131.6	139.6	120.2	108.5	111.6	117.7	117.3	30- 40	110.6	537.0	75.6,75.6
50	57.98	67.76	70.57	63.07	55.49	58.09	60.10	60.91	40- 50	66.83	603.9	85,85
60	33.37	37.60	36.98	34.79	30.59	32.17	33.05	34.70	50- 60	41.69	645.5	90.9,90.9
70	18.88	19.92	19.09	17.85	15.48	15.97	16.98	18.21	60- 70	25.18	670.7	94.4,94.4
80	9.140	9.000	8.255	7.537	5.711	5.675	6.279	7.376	70- 80	12.92	683.6	96.3,96.3
90	3.074	3.013	2.865	3.071	1.372	1.314	1.051	1.272	80- 90	4.505	688.1	96.9,96.9
100	2.679	2.784	2.920	3.040	1.644	1.573	1.412	1.251	90-100	2.279	690.4	97.2,97.2
110	2.764	2.897	3.046	3.073	2.137	2.103	1.975	1.802	100-110	2.432	692.9	97.6,97.6
120	3.145	3.259	3.398	3.410	2.881	2.862	2.758	2.581	110-120	2.707	695.6	97.9,97.9
130	3.909	3.950	4.092	4.101	3.770	3.752	3.648	3.498	120-130	3.060	698.6	98.4,98.4
140	4.934	4.865	4.956	5.003	4.635	4.609	4.482	4.377	130-140	3.305	701.9	98.8,98.8
150	5.899	5.749	5.750	5.855	5.293	5.292	5.136	5.064	140-150	3.214	705.1	99.3,99.3
160	6.468	6.292	6.272	6.365	5.710	5.750	5.613	5.488	150-160	2.664	707.8	99.7,99.7
170	6.583	6.481	6.533	6.476	6.082	6.124	6.076	5.893	160-170	1.735	709.5	99.9,99.9
180	6.538	6.536	6.564	6.440	6.503	6.523	6.554	6.415	170-180	0.6063	710.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 574.49 lm

%lum = 80.9%

%lamp = 80.9%

Conical surface Flux(120deg): 645.54 lm

%lum = 90.9%

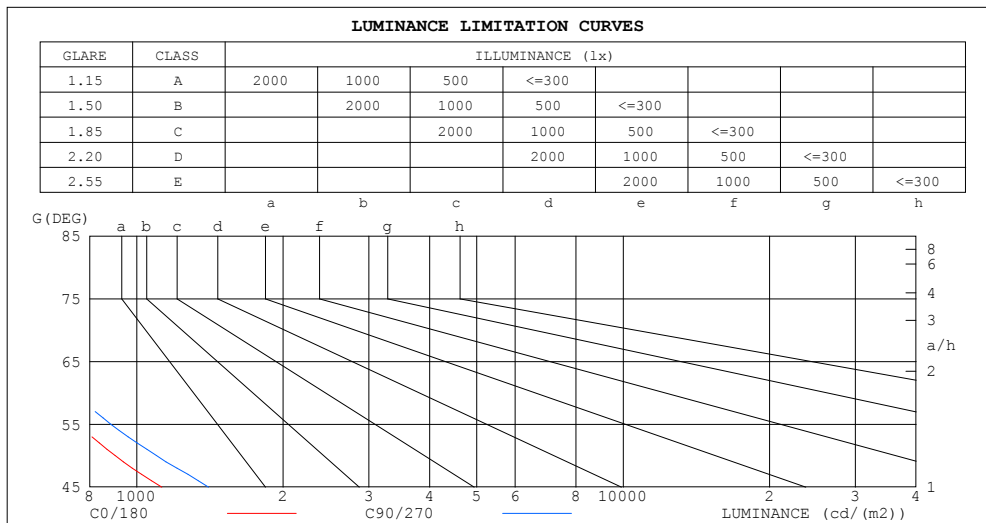
%lamp = 90.9%

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	623	499
80	526	475
75	525	504
70	552	558
65	600	635
60	667	740
55	761	883
50	902	1098
45	1126	1404

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
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	.213	.121	.038	.205	.117	.037	.190	.109	.035	.177	.102	.033	.165	.095	.031		
2.0	.201	.110	.034	.195	.107	.033	.182	.101	.031	.171	.096	.030	.160	.091	.029		
3.0	.189	.101	.030	.184	.098	.030	.173	.094	.028	.163	.089	.027	.153	.085	.026		
4.0	.178	.092	.027	.173	.090	.027	.163	.087	.026	.154	.083	.025	.146	.079	.024		
5.0	.167	.085	.025	.163	.084	.024	.154	.080	.024	.147	.077	.023	.139	.074	.022		
6.0	.158	.079	.023	.154	.078	.022	.146	.075	.022	.139	.072	.021	.133	.070	.021		
7.0	.149	.074	.021	.146	.073	.021	.139	.070	.020	.133	.068	.020	.127	.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	.126	.062	.018	.121	.060	.017	.116	.059	.017		
10.0	.128	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.197	.181	.166	.169	.155	.143	.116	.107	.099	.066	.062	.057	.021	.020	.019	
2.0	.184	.156	.133	.158	.135	.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	.163	.124	.093	.140	.107	.081	.096	.074	.057	.056	.044	.034	.018	.014	.011	
5.0	.155	.112	.081	.133	.097	.070	.092	.068	.050	.053	.040	.029	.017	.013	.010	
6.0	.148	.103	.072	.127	.090	.062	.088	.063	.044	.051	.037	.026	.016	.012	.009	
7.0	.141	.096	.064	.121	.083	.056	.084	.058	.040	.049	.034	.024	.016	.011	.008	
8.0	.135	.090	.059	.116	.078	.051	.080	.055	.036	.047	.032	.022	.015	.011	.007	
9.0	.130	.085	.054	.112	.074	.047	.077	.052	.034	.045	.031	.020	.015	.010	.007	
10.0	.125	.080	.051	.108	.070	.044	.075	.049	.032	.044	.029	.019	.014	.010	.006	

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

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm										
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 18.5MM*18.5MM			SERIAL No.:202305006		
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	11.0	12.0	11.2	12.2	12.5	11.5	12.6	11.8	12.8	13.0
3H	11.7	12.6	12.0	12.9	13.2	12.1	13.1	12.4	13.3	13.6
4H	12.0	12.9	12.3	13.2	13.5	12.4	13.3	12.7	13.6	13.9
6H	12.3	13.1	12.6	13.4	13.8	12.6	13.4	12.9	13.7	14.1
8H	12.4	13.2	12.8	13.6	13.9	12.7	13.5	13.0	13.8	14.1
12H	12.5	13.3	12.9	13.7	14.0	12.7	13.5	13.1	13.8	14.2
4H 2H	11.3	12.2	11.6	12.5	12.7	11.7	12.6	12.0	12.9	13.2
3H	12.2	13.0	12.5	13.3	13.6	12.5	13.3	12.9	13.6	14.0
4H	12.6	13.3	13.0	13.7	14.1	12.9	13.6	13.3	14.0	14.3
6H	13.0	13.7	13.5	14.1	14.5	13.2	13.8	13.6	14.2	14.7
8H	13.2	13.8	13.7	14.2	14.7	13.3	13.9	13.8	14.3	14.8
12H	13.4	13.9	13.9	14.4	14.8	13.4	14.0	13.9	14.4	14.9
8H 4H	12.8	13.3	13.2	13.8	14.2	13.0	13.6	13.5	14.0	14.4
6H	13.3	13.8	13.8	14.3	14.7	13.5	13.9	13.9	14.4	14.9
8H	13.6	14.0	14.1	14.5	15.0	13.7	14.1	14.2	14.6	15.1
12H	13.9	14.3	14.4	14.8	15.3	13.9	14.2	14.4	14.7	15.3
12H 4H	12.7	13.3	13.2	13.7	14.2	13.0	13.5	13.5	14.0	14.4
6H	13.4	13.8	13.9	14.3	14.8	13.5	13.9	14.0	14.4	14.9
8H	13.7	14.1	14.2	14.6	15.1	13.7	14.1	14.3	14.6	15.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.6 / - 0.7				
1.5H	+ 0.6 / - 0.6					+ 0.8 / - 0.5				
2.0H	+ 0.7 / - 0.7					+ 1.1 / - 0.7				

CIE Pub.117, 710.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.2)

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

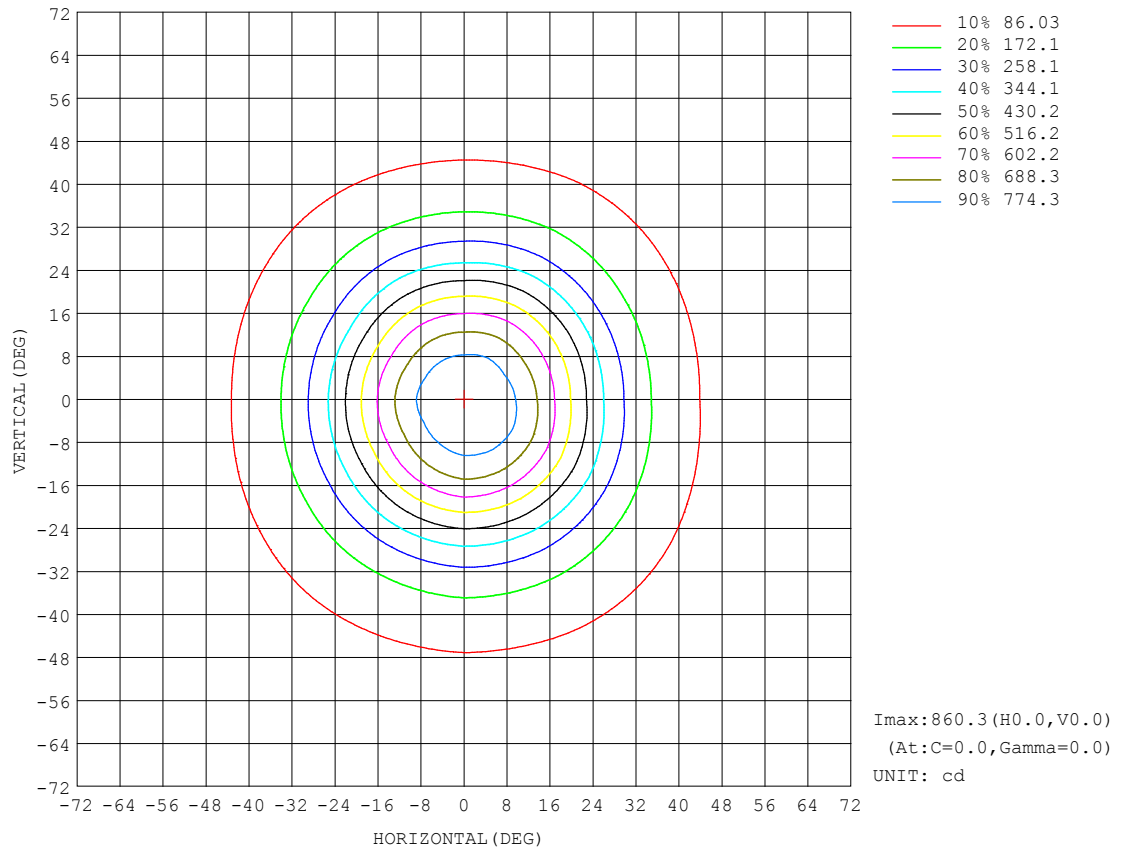
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	76	68	63	75	67	63	58
0.80	85	77	72	84	77	72	82	76	71	66
1.00	91	83	78	90	83	78	87	83	77	72
1.25	96	89	84	94	88	84	92	87	83	77
1.50	99	93	88	98	92	88	95	90	86	80
2.00	103	98	93	102	96	92	98	94	91	84
2.50	106	101	97	104	99	95	100	96	93	86
3.00	108	103	100	106	102	98	102	98	96	88
4.00	110	107	104	108	105	102	104	101	99	90
5.00	112	109	106	110	107	104	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:2023-05-23

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

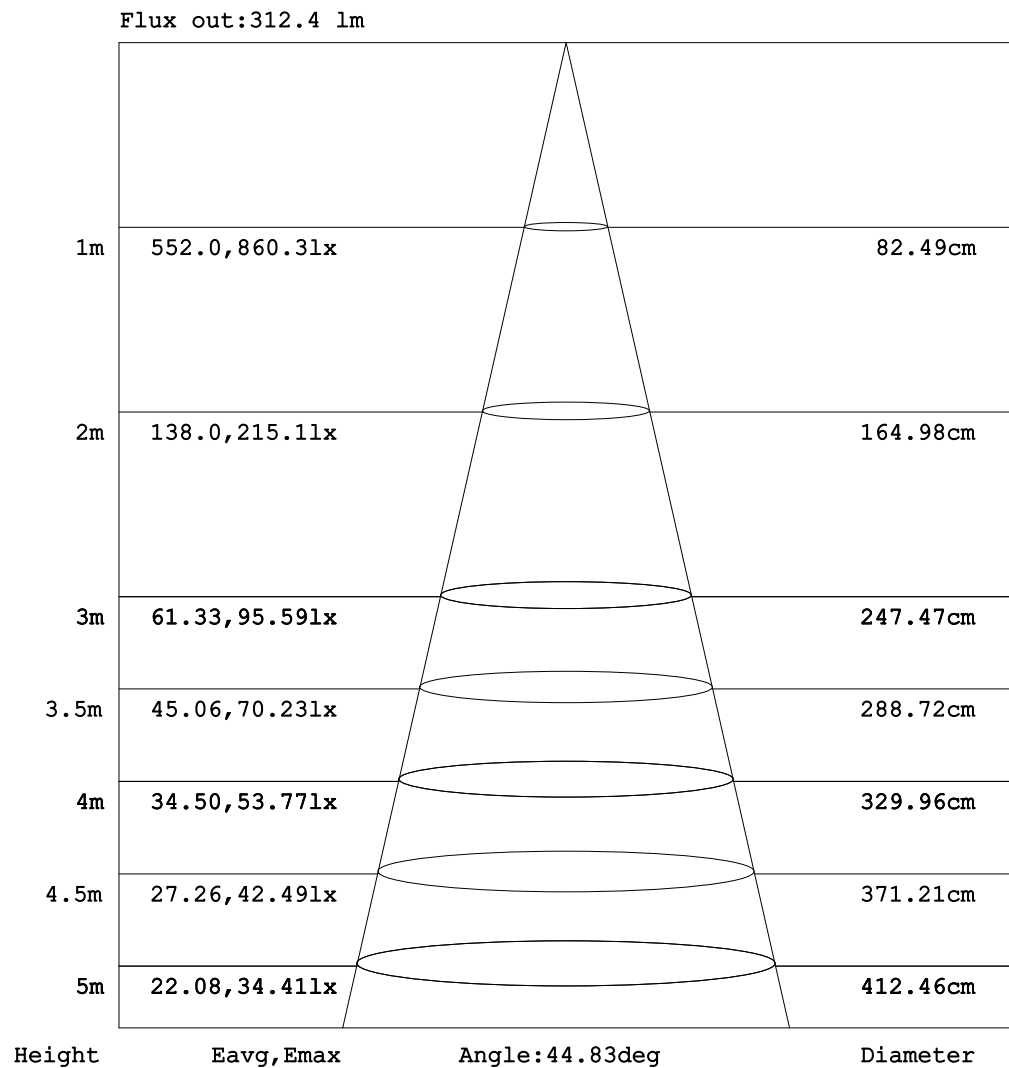


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-05-23

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



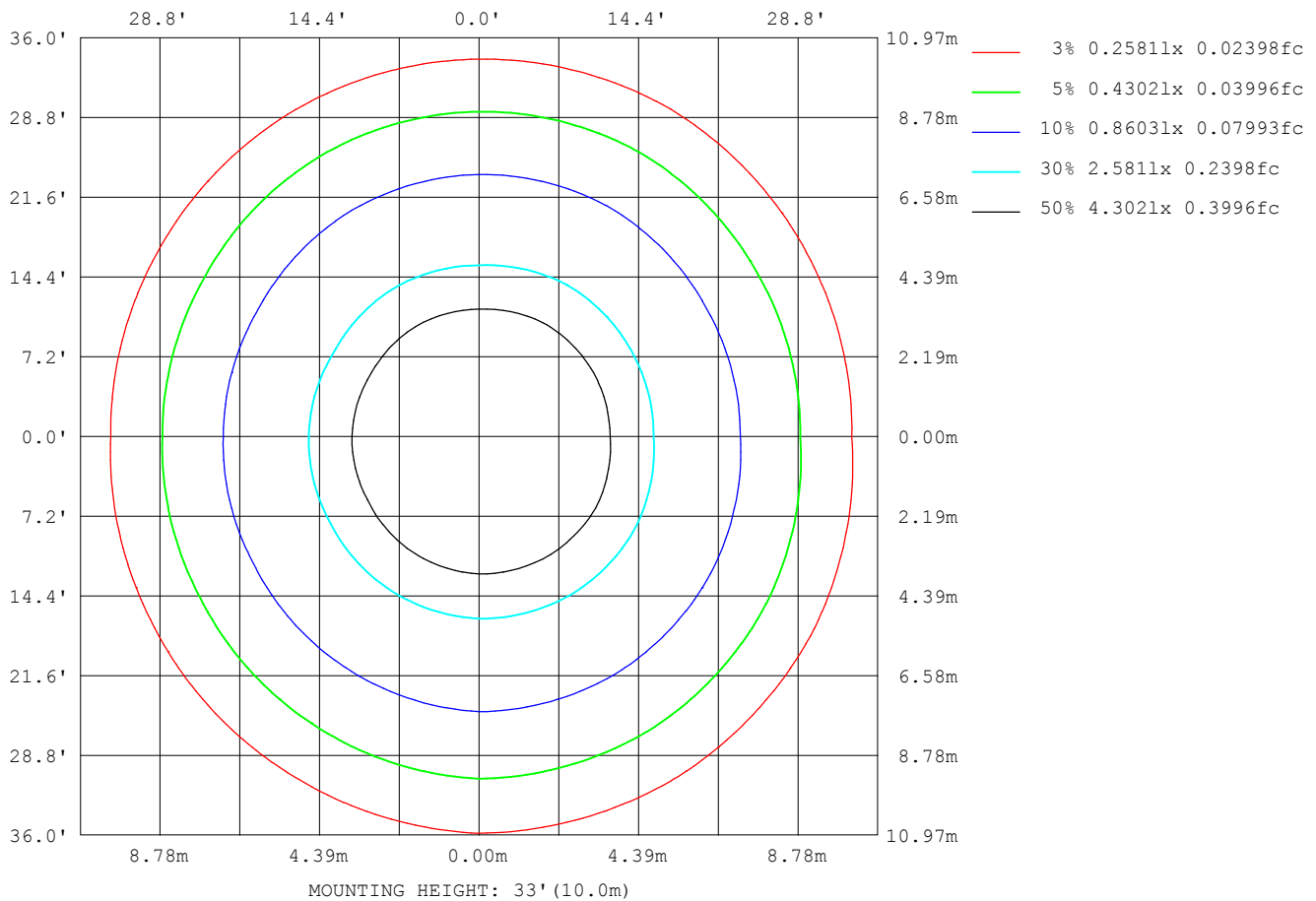
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

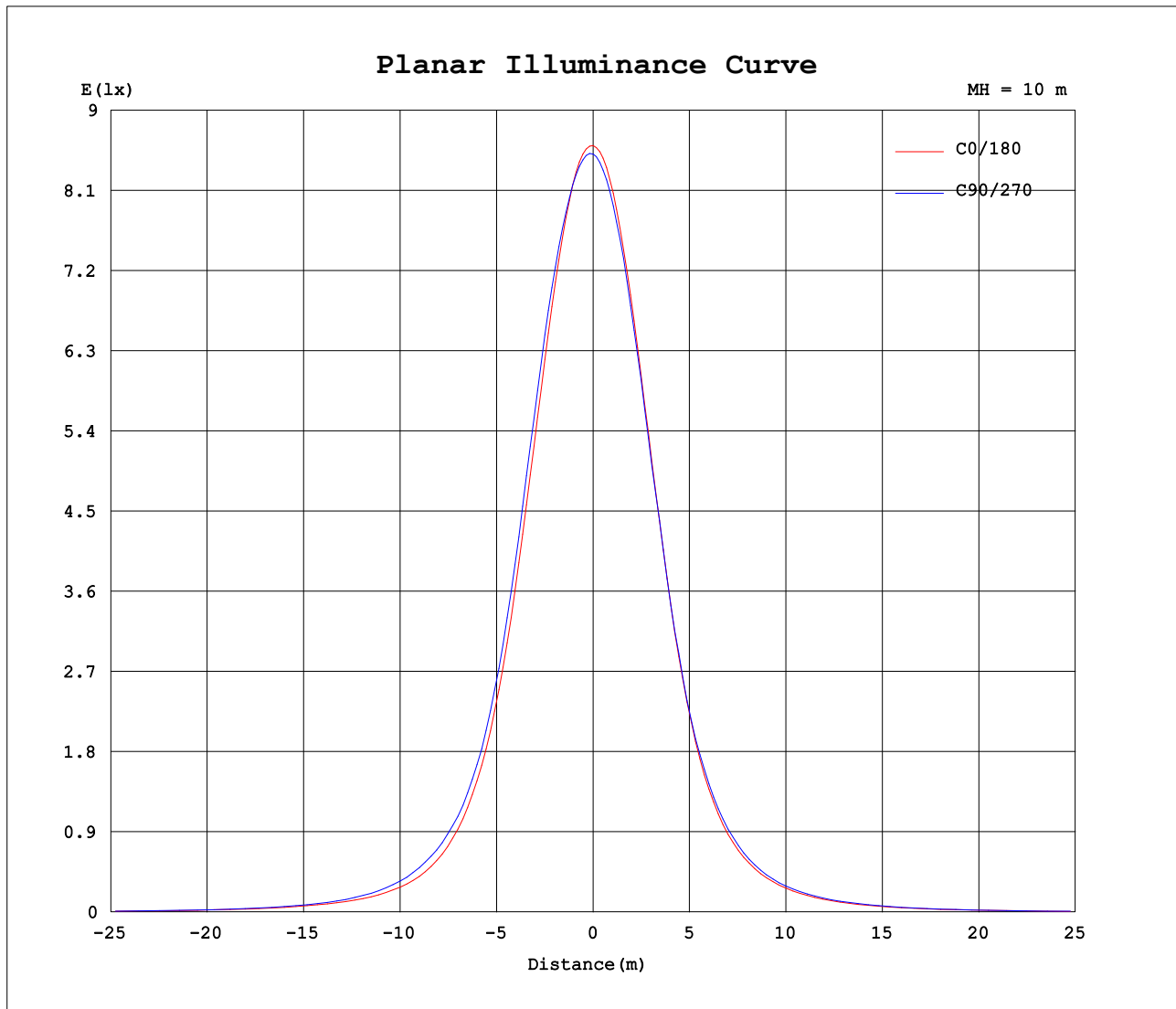
AvgL	cd/m2
L_0~180 (65) av	562
L_0~180 (75) av	458
L_0~180 (85) av	456
L_90~270 (65) av	603
L_90~270 (75) av	467
L_90~270 (85) av	397
L_45 (65) av	604
L_45 (75) av	469
L_45 (85) av	445

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:0.7600A P:18.24W PF:1.000 Freq:0Hz Lamp Flux:710.147x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-总-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
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	860	856	853	851	849	848	860	856	853	851	849	848							
5	840	844	842	838	828	823	832	821	819	819	824	825							
10	767	785	787	782	765	749	753	740	742	741	755	753							
15	653	680	687	685	661	637	633	620	627	627	644	645							
20	511	541	551	549	525	498	490	478	489	490	509	511							
25	369	399	408	404	383	358	350	339	353	353	372	370							
30	253	277	285	282	264	245	238	230	242	247	255	252							
35	170	187	196	196	181	165	159	157	165	170	174	168							
40	114	127	136	140	126	114	109	109	115	118	120	115							
45	79.6	89.7	96.8	99.3	90.4	82.0	76.3	77.9	80.8	83.0	84.2	81.4							
50	58.0	65.8	69.7	70.6	65.5	60.7	55.5	57.3	58.9	60.1	61.5	60.3							
55	43.6	49.3	51.1	50.6	48.1	45.5	41.0	42.6	43.8	44.4	46.1	45.5							
60	33.4	37.4	37.9	37.0	35.5	34.1	30.6	31.7	32.7	33.0	34.8	34.6							
65	25.3	27.7	27.7	26.8	25.7	24.8	22.2	22.7	23.6	24.2	25.7	25.6							
70	18.9	20.0	19.8	19.1	18.1	17.6	15.5	15.6	16.4	17.0	18.3	18.1							
75	13.6	14.1	13.7	13.0	12.3	12.0	10.1	9.97	10.5	11.1	12.1	12.3							
80	9.14	9.27	8.73	8.25	7.57	7.51	5.71	5.49	5.86	6.28	7.29	7.46							
85	5.43	5.45	4.93	4.35	4.25	4.28	2.52	2.39	2.49	2.57	3.43	3.67							
90	3.07	3.07	2.96	2.86	3.04	3.10	1.37	1.38	1.25	1.05	1.24	1.30							
95	2.67	2.78	2.83	2.88	3.00	3.08	1.48	1.41	1.38	1.19	1.15	0.95							
100	2.68	2.74	2.83	2.92	3.00	3.08	1.64	1.58	1.57	1.41	1.35	1.15							
105	2.68	2.77	2.86	2.98	3.01	3.08	1.86	1.81	1.79	1.67	1.59	1.40							
110	2.76	2.85	2.94	3.05	3.03	3.12	2.14	2.11	2.10	1.97	1.90	1.70							
115	2.90	3.00	3.08	3.19	3.16	3.24	2.48	2.46	2.45	2.35	2.26	2.07							
120	3.15	3.22	3.30	3.40	3.37	3.45	2.88	2.87	2.86	2.76	2.67	2.49							
125	3.49	3.54	3.60	3.71	3.67	3.75	3.32	3.31	3.29	3.19	3.12	2.95							
130	3.91	3.93	3.97	4.09	4.06	4.14	3.77	3.76	3.75	3.65	3.57	3.42							
135	4.40	4.39	4.39	4.51	4.49	4.58	4.22	4.20	4.18	4.09	4.03	3.90							
140	4.93	4.89	4.84	4.96	4.95	5.05	4.63	4.62	4.60	4.48	4.43	4.32							
145	5.45	5.39	5.29	5.37	5.41	5.51	4.99	4.96	4.98	4.84	4.80	4.71							
150	5.90	5.83	5.67	5.75	5.79	5.92	5.29	5.28	5.30	5.14	5.10	5.03							
155	6.25	6.17	5.98	6.05	6.10	6.24	5.53	5.53	5.56	5.39	5.34	5.26							
160	6.47	6.39	6.20	6.27	6.31	6.42	5.71	5.72	5.78	5.61	5.54	5.43							
165	6.56	6.49	6.35	6.44	6.43	6.45	5.87	5.89	5.98	5.84	5.74	5.61							
170	6.58	6.50	6.46	6.53	6.48	6.47	6.08	6.06	6.19	6.08	5.98	5.80							
175	6.58	6.51	6.52	6.55	6.50	6.43	6.30	6.26	6.41	6.32	6.26	6.06							
180	6.54	6.51	6.56	6.56	6.50	6.38	6.50	6.47	6.57	6.55	6.50	6.33							

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	860.3	856.1	853.5	851.0	849.3	847.9	860.3	856.1	853.5	851.0
3.0	854.3	854.4	851.6	848.0	841.9	838.8	849.7	840.9	838.3	836.2
6.0	829.5	835.8	834.1	829.7	818.5	812.5	820.3	807.6	807.0	806.1
9.0	785.8	801.1	801.3	796.4	780.7	767.4	771.6	759.3	760.2	761.8
12.0	726.0	745.9	752.2	748.8	728.0	709.4	709.2	695.3	699.7	698.1
15.0	652.8	679.9	687.2	685.4	661.3	637.3	633.2	620.1	626.8	627.3
18.0	570.3	599.5	608.6	607.9	582.5	554.9	548.4	538.4	545.4	545.9
21.0	482.1	514.8	521.6	517.6	496.2	469.4	460.6	450.4	460.5	459.4
24.0	396.4	428.9	435.4	433.3	410.2	384.2	376.3	364.9	377.9	380.7
27.0	319.3	348.0	355.4	352.7	331.7	308.8	301.6	293.8	304.6	303.9
30.0	253.3	276.9	285.0	281.7	264.4	244.7	237.5	230.2	241.9	247.3
33.0	199.5	219.7	226.9	227.4	209.9	192.9	186.9	184.2	192.5	197.0
36.0	157.1	172.0	181.7	183.7	167.8	152.7	147.0	144.6	153.5	158.2
39.0	123.2	137.3	146.2	148.7	135.5	122.7	116.9	117.1	123.1	126.4
42.0	98.30	110.3	118.6	122.1	110.3	99.59	93.74	94.81	99.27	101.9
45.0	79.62	89.67	96.78	99.26	90.36	81.98	76.33	77.93	80.82	82.98
48.0	65.53	74.22	79.32	80.98	74.31	68.39	62.90	64.38	66.59	68.16
51.0	54.70	62.00	65.47	66.03	61.47	57.26	52.17	53.84	55.40	56.39
54.0	46.08	52.33	54.32	54.11	51.14	48.19	43.64	45.45	46.53	47.21
57.0	39.20	44.25	45.31	44.77	42.63	40.62	36.53	37.74	39.02	39.53
60.0	33.37	37.35	37.85	36.98	35.51	34.06	30.59	31.67	32.68	33.05
63.0	28.38	31.25	31.50	30.51	29.33	28.24	25.27	25.89	27.00	27.65
66.0	23.93	25.94	25.98	25.13	24.03	23.20	20.67	21.05	22.02	22.62
69.0	20.08	21.44	21.26	20.48	19.51	18.85	16.71	16.97	17.71	18.33
72.0	16.72	17.39	17.17	16.50	15.64	15.14	13.15	13.15	13.82	14.65
75.0	13.58	14.06	13.67	13.04	12.28	11.99	10.10	9.966	10.52	11.13
78.0	10.83	11.09	10.58	10.01	9.288	9.150	7.354	7.204	7.604	8.200
81.0	8.326	8.431	7.864	7.396	6.778	6.723	4.972	4.755	5.077	5.469
84.0	6.090	6.120	5.582	4.999	4.762	4.805	3.029	2.881	3.024	3.249
87.0	4.248	4.243	3.845	3.270	3.462	3.501	1.726	1.706	1.691	1.587
90.0	3.074	3.069	2.957	2.865	3.041	3.101	1.372	1.381	1.247	1.051
93.0	2.699	2.814	2.830	2.877	3.015	3.085	1.423	1.389	1.307	1.110
96.0	2.676	2.769	2.830	2.890	3.001	3.081	1.513	1.447	1.413	1.236
99.0	2.678	2.734	2.830	2.915	3.003	3.077	1.604	1.553	1.528	1.362
102.0	2.680	2.754	2.837	2.940	3.006	3.073	1.719	1.668	1.644	1.512
105.0	2.683	2.774	2.862	2.975	3.008	3.076	1.860	1.809	1.790	1.673
108.0	2.709	2.815	2.900	3.011	3.010	3.091	2.021	1.980	1.966	1.839
111.0	2.769	2.880	2.965	3.071	3.045	3.141	2.202	2.186	2.157	2.045
114.0	2.864	2.955	3.055	3.161	3.121	3.212	2.408	2.387	2.373	2.271
117.0	2.990	3.076	3.166	3.267	3.231	3.312	2.639	2.608	2.609	2.492
120.0	3.145	3.222	3.296	3.398	3.367	3.453	2.881	2.869	2.855	2.758
123.0	3.336	3.393	3.472	3.579	3.557	3.619	3.137	3.125	3.112	3.015
126.0	3.563	3.604	3.668	3.785	3.743	3.825	3.408	3.392	3.383	3.276
129.0	3.818	3.846	3.894	4.016	3.979	4.052	3.680	3.673	3.650	3.562
132.0	4.095	4.107	4.130	4.257	4.226	4.303	3.956	3.934	3.926	3.824
135.0	4.396	4.388	4.392	4.514	4.492	4.579	4.218	4.196	4.182	4.090
138.0	4.713	4.685	4.663	4.780	4.773	4.866	4.474	4.462	4.439	4.332
141.0	5.030	4.992	4.934	5.042	5.050	5.147	4.715	4.683	4.680	4.553
144.0	5.346	5.293	5.201	5.298	5.316	5.423	4.926	4.900	4.906	4.774
147.0	5.648	5.574	5.447	5.529	5.568	5.695	5.122	5.106	5.112	4.970
150.0	5.899	5.826	5.673	5.750	5.789	5.921	5.293	5.282	5.303	5.136
153.0	6.130	6.052	5.864	5.936	5.980	6.132	5.448	5.427	5.469	5.297
156.0	6.297	6.222	6.030	6.102	6.146	6.293	5.574	5.573	5.609	5.437
159.0	6.433	6.358	6.156	6.237	6.272	6.418	5.679	5.679	5.740	5.578
162.0	6.508	6.448	6.267	6.348	6.372	6.435	5.775	5.794	5.865	5.699
165.0	6.563	6.490	6.347	6.438	6.428	6.451	5.870	5.890	5.981	5.840
168.0	6.584	6.496	6.413	6.508	6.463	6.468	6.001	5.980	6.102	5.980
171.0	6.582	6.502	6.468	6.537	6.488	6.468	6.127	6.101	6.222	6.136
174.0	6.580	6.508	6.508	6.550	6.498	6.443	6.253	6.221	6.358	6.277
177.0	6.579	6.513	6.553	6.564	6.498	6.403	6.413	6.352	6.494	6.413
180.0	6.538	6.513	6.559	6.564	6.498	6.383	6.503	6.473	6.574	6.554
G/C	300.0	330.0								
0.0	849.3	847.9								
3.0	839.7	840.0								
6.0	813.7	816.1								
9.0	771.9	770.5								
12.0	713.0	714.5								
15.0	644.2	645.0								
18.0	565.0	566.3								
21.0	481.1	481.6								
24.0	398.6	397.6								
27.0	322.0	320.9								
30.0	255.5	252.2								

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:

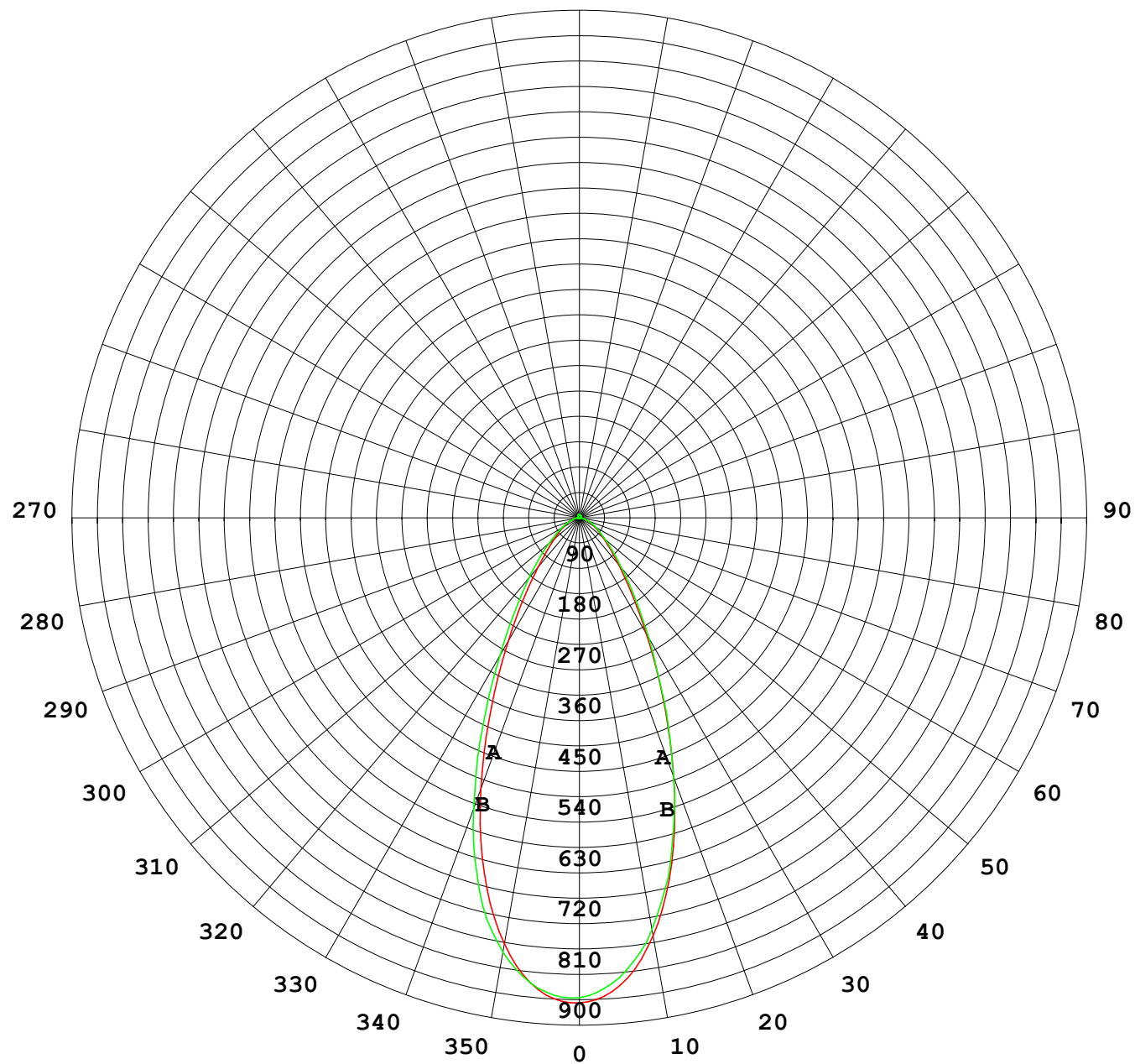
Photometric Data Table [cd]

33.0	203.1	197.5
36.0	161.3	157.0
39.0	128.8	123.9
42.0	103.6	100.1
45.0	84.22	81.38
48.0	69.50	67.56
51.0	57.96	56.74
54.0	48.85	48.27
57.0	41.25	40.57
60.0	34.83	34.58
63.0	29.10	28.73
66.0	24.06	23.87
69.0	19.66	19.58
72.0	15.64	15.71
75.0	12.14	12.29
78.0	9.157	9.301
81.0	6.448	6.705
84.0	4.103	4.309
87.0	2.287	2.463
90.0	1.239	1.304
93.0	1.076	0.9501
96.0	1.182	0.9848
99.0	1.312	1.095
102.0	1.448	1.236
105.0	1.594	1.397
108.0	1.775	1.568
111.0	1.966	1.764
114.0	2.187	1.995
117.0	2.428	2.231
120.0	2.675	2.487
123.0	2.936	2.763
126.0	3.208	3.045
129.0	3.484	3.326
132.0	3.760	3.618
135.0	4.027	3.899
138.0	4.268	4.151
141.0	4.509	4.402
144.0	4.725	4.638
147.0	4.931	4.844
150.0	5.102	5.025
153.0	5.252	5.171
156.0	5.383	5.297
159.0	5.499	5.412
162.0	5.624	5.503
165.0	5.745	5.608
168.0	5.886	5.729
171.0	6.037	5.845
174.0	6.203	5.995
177.0	6.358	6.166
180.0	6.503	6.327

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

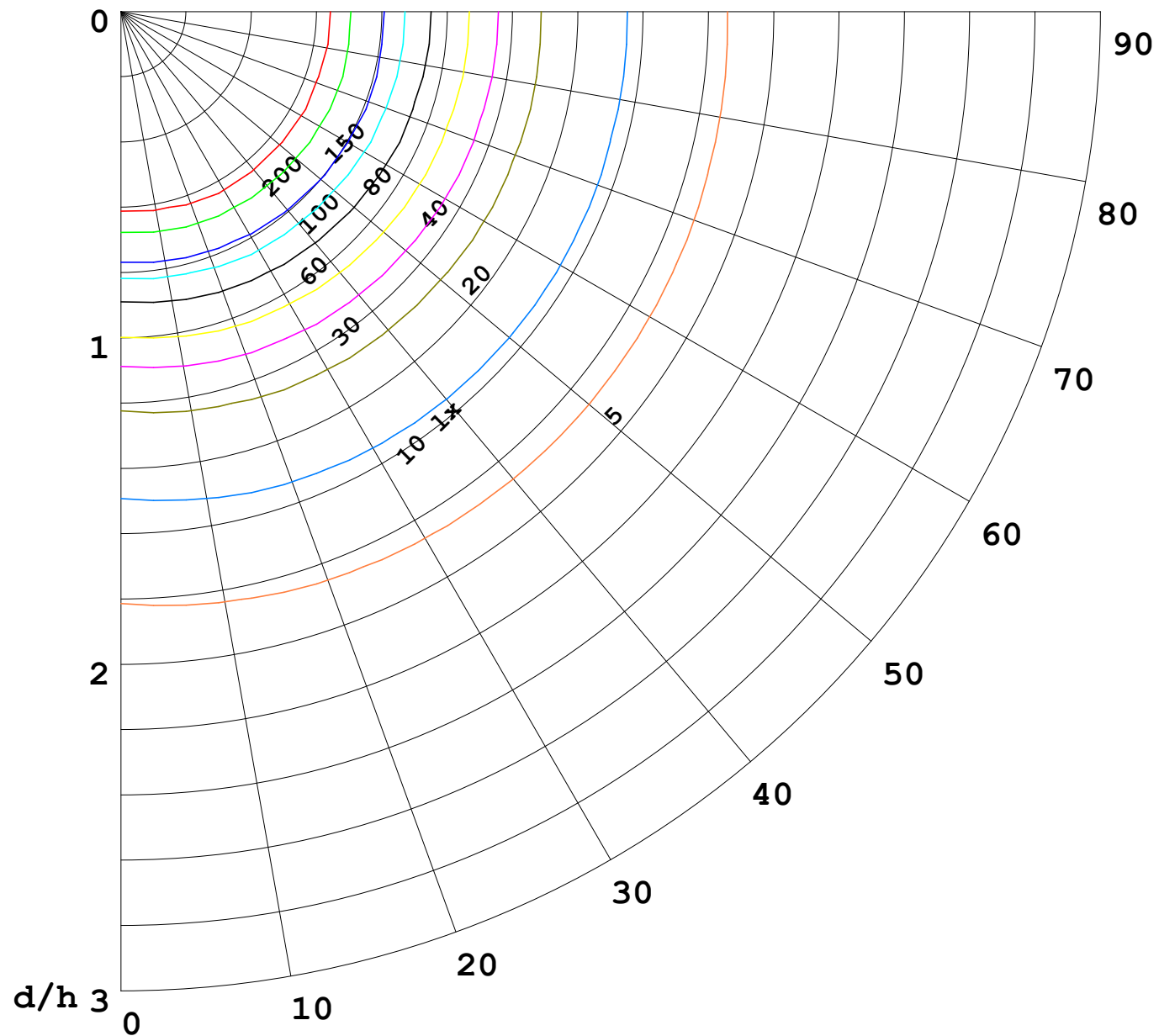
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

