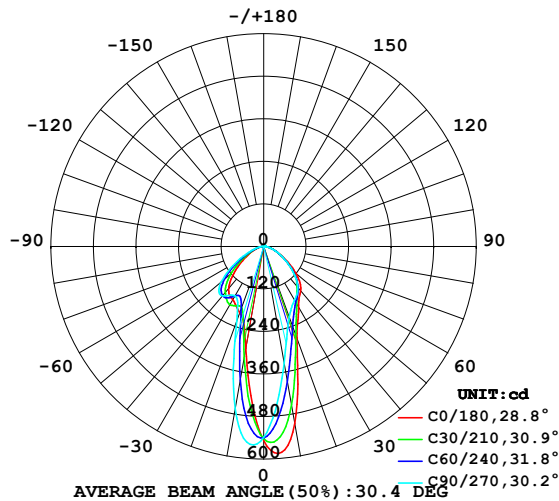


LUMINAIRE PHOTOMETRIC TEST REPORT

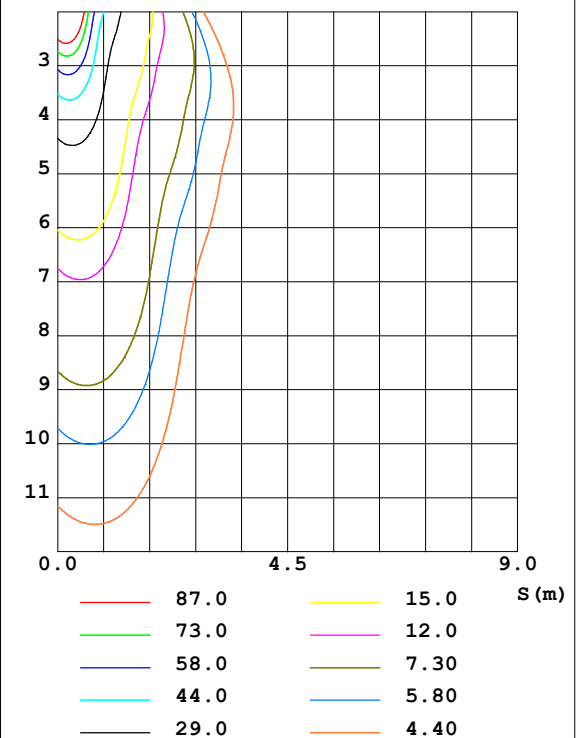
Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.70 lm/W			
MODEL		I _{max} (cd)	603.4	S/MH (C0/180)	0.63
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.45
RATED VOLTAGE (V)		TOTAL FLUX (lm)	615.50	η UP, DN (C0-180)	1.6, 46.0
NOMINAL FLUX (lm)	615.501	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 51.2
LAMPS INSIDE	1	η up (%)	2.7	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	97.3	CIBSE SHR MAX	0.70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



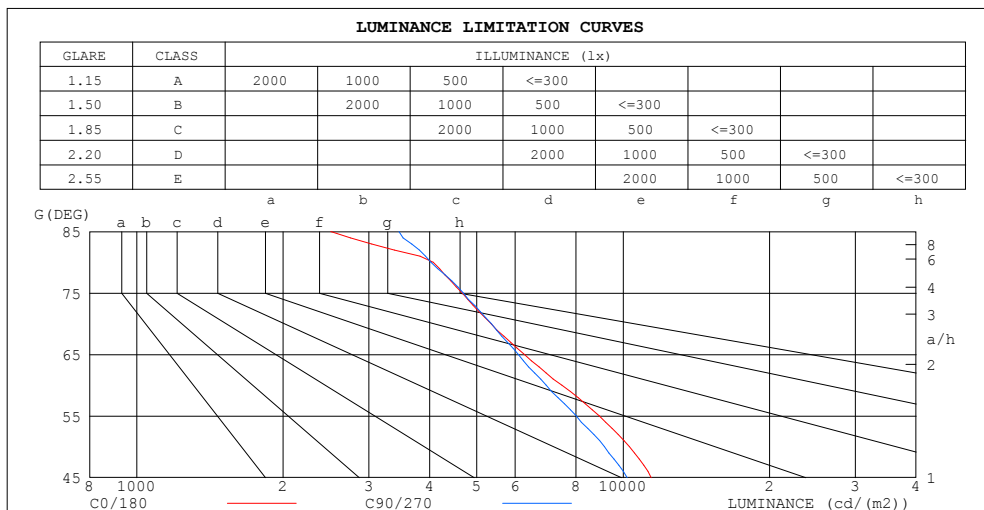
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [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	507.4	419.2	333.7	289.7	293.0	351.1	465.2	541.9	0- 10	44.40	44.40	7.21,7.21
20	274.5	253.2	212.1	195.6	198.8	185.1	224.1	267.7	10- 20	82.89	127.3	20.7,20.7
30	198.3	184.5	175.0	166.9	174.6	175.7	162.0	184.2	20- 30	89.64	216.9	35.2,35.2
40	162.6	149.2	149.9	143.0	154.2	174.9	181.7	192.1	30- 40	107.6	324.5	52.7,52.7
50	119.1	108.0	106.0	96.94	103.2	133.3	157.1	148.5	40- 50	112.2	436.7	71,71
60	67.36	63.27	62.54	57.46	55.99	71.78	88.81	81.35	50- 60	83.97	520.7	84.6,84.6
70	32.93	33.36	32.99	30.52	27.57	32.44	39.27	37.79	60- 70	48.81	569.5	92.5,92.5
80	12.71	13.35	12.58	12.02	10.69	11.49	12.70	13.26	70- 80	23.30	592.8	96.3,96.3
90	1.974	2.071	2.253	2.113	0.9900	1.008	1.083	0.9322	80- 90	5.913	598.7	97.3,97.3
100	2.119	2.310	2.587	2.392	1.342	1.305	1.317	1.187	90-100	1.813	600.5	97.6,97.6
110	2.428	2.608	2.872	2.729	1.737	1.685	1.585	1.521	100-110	2.087	602.6	97.9,97.9
120	2.726	2.893	3.170	3.090	2.211	2.113	1.991	1.946	110-120	2.306	604.9	98.3,98.3
130	3.023	3.194	3.504	3.482	2.775	2.638	2.483	2.423	120-130	2.438	607.3	98.7,98.7
140	3.412	3.555	3.844	3.883	3.231	3.130	2.999	2.969	130-140	2.442	609.8	99.1,99.1
150	3.813	3.959	4.202	4.223	3.613	3.549	3.461	3.455	140-150	2.247	612.0	99.4,99.4
160	4.232	4.332	4.463	4.478	4.044	3.931	3.837	3.868	150-160	1.835	613.9	99.7,99.7
170	4.523	4.466	4.535	4.514	4.360	4.244	4.195	4.220	160-170	1.209	615.1	99.9,99.9
180	4.529	4.481	4.517	4.511	4.505	4.450	4.505	4.472	170-180	0.4218	615.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2506	3462
80	4068	4025
75	4667	4690
70	5350	5359
65	6262	6091
60	7485	6948
55	8936	8008
50	10293	9158
45	11412	10190

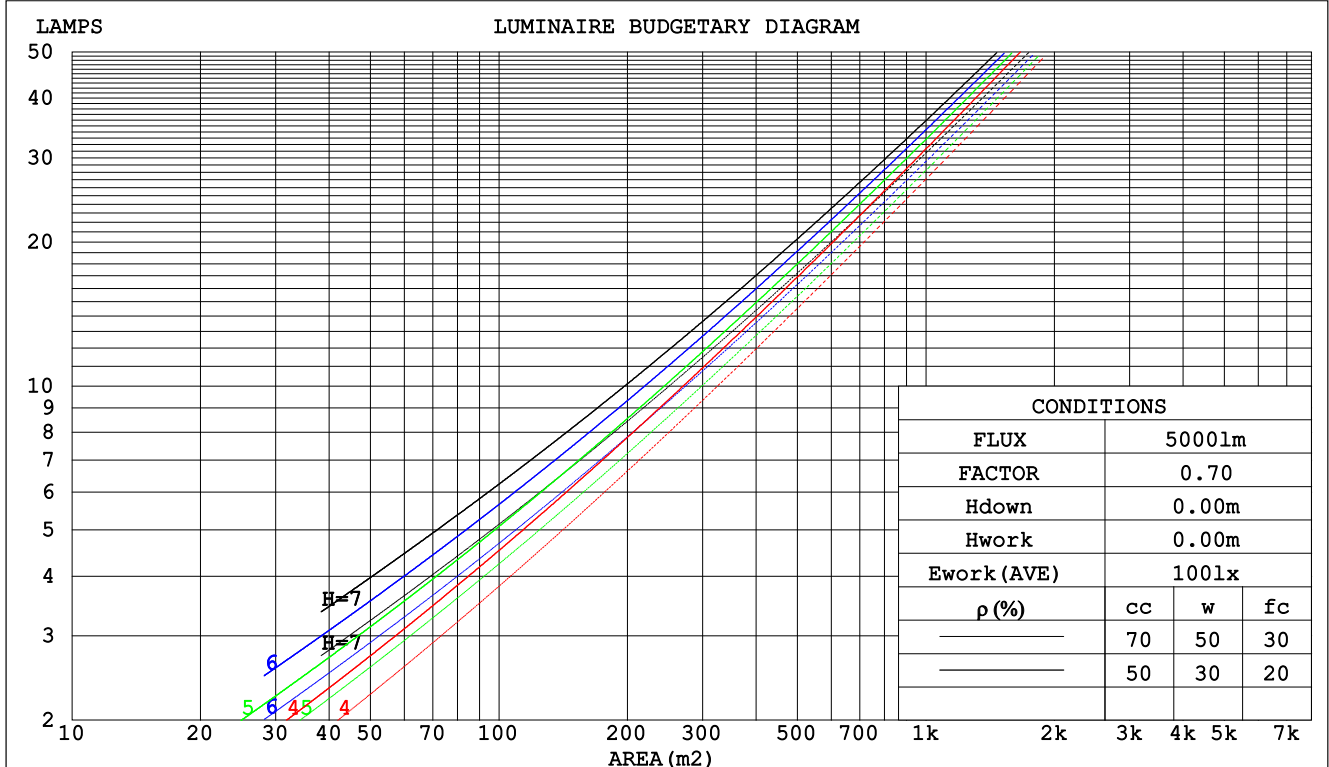
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.06	1.02	.99	1.03	.00	.97	.98	.96	.93	.94	.92	.90	.90	.88	.87	.85
2.0	.94	.88	.83	.92	.86	.82	.88	.83	.79	.84	.81	.77	.81	.78	.75	.73
3.0	.84	.77	.71	.82	.75	.70	.79	.73	.69	.76	.71	.67	.73	.69	.66	.63
4.0	.75	.68	.62	.74	.67	.61	.71	.65	.60	.69	.63	.59	.66	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.54	.65	.58	.53	.63	.57	.52	.60	.55	.51	.49
6.0	.62	.54	.48	.61	.54	.48	.59	.52	.47	.57	.51	.47	.56	.50	.46	.44
7.0	.57	.49	.43	.56	.49	.43	.54	.48	.43	.53	.47	.42	.51	.46	.42	.40
8.0	.53	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.38	.48	.42	.38	.36
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.35	.44	.39	.35	.33
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.36	.32	.31



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm					
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B			TYPE:		WEIGHT:
DIM.: Length=1m			SPEC.:		SERIAL No.:
MFR.:			SUR.:		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	.264	.150	.048	.257	.146	.047	.242	.139	.044	.229	.132	.042	.216	.125	.040		
2.0	.253	.139	.042	.246	.135	.042	.233	.130	.040	.221	.124	.039	.210	.119	.038		
3.0	.237	.126	.038	.231	.124	.037	.220	.119	.036	.209	.115	.035	.200	.111	.034		
4.0	.221	.115	.034	.216	.113	.033	.206	.109	.033	.197	.106	.032	.188	.102	.031		
5.0	.206	.105	.030	.202	.104	.030	.193	.100	.030	.184	.097	.029	.177	.094	.028		
6.0	.193	.097	.028	.189	.095	.027	.181	.093	.027	.173	.090	.026	.166	.088	.026		
7.0	.181	.089	.025	.177	.088	.025	.170	.086	.025	.163	.084	.024	.157	.081	.024		
8.0	.170	.083	.023	.166	.082	.023	.160	.080	.023	.154	.078	.022	.148	.076	.022		
9.0	.160	.077	.022	.157	.076	.021	.151	.075	.021	.145	.073	.021	.140	.071	.021		
10.0	.151	.072	.020	.148	.072	.020	.143	.070	.020	.138	.068	.019	.133	.067	.019		

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	.211	.211	.211	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.198	.178	.159	.170	.152	.137	.116	.105	.095	.067	.061	.055	.021	.020	.018	
2.0	.188	.153	.124	.161	.132	.107	.110	.091	.075	.064	.053	.044	.020	.017	.014	
3.0	.179	.135	.100	.154	.117	.087	.106	.081	.061	.061	.047	.036	.020	.015	.012	
4.0	.171	.122	.084	.147	.105	.073	.101	.073	.051	.058	.043	.030	.019	.014	.010	
5.0	.164	.111	.072	.141	.096	.063	.097	.067	.044	.056	.039	.026	.018	.013	.009	
6.0	.157	.102	.064	.135	.089	.055	.093	.062	.039	.054	.037	.023	.017	.012	.008	
7.0	.150	.095	.057	.129	.083	.050	.089	.058	.035	.052	.034	.021	.017	.011	.007	
8.0	.144	.090	.052	.124	.078	.046	.086	.055	.032	.050	.032	.019	.016	.011	.006	
9.0	.138	.085	.048	.119	.073	.042	.082	.052	.030	.048	.030	.018	.016	.010	.006	
10.0	.133	.080	.045	.114	.070	.040	.079	.049	.028	.046	.029	.017	.015	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm										
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B					TYPE:			WEIGHT:		
DIM.: Length=1m					SPEC.:			SERIAL No.:		
MFR.:					SUR.:			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	19.4	20.8	19.7	21.0	21.3	19.2	20.5	19.5	20.7	21.0
3H	20.3	21.5	20.6	21.8	22.1	20.1	21.3	20.4	21.6	21.8
4H	20.6	21.8	20.9	22.0	22.3	20.4	21.6	20.7	21.8	22.1
6H	20.8	21.9	21.2	22.2	22.5	20.6	21.7	21.0	22.0	22.4
8H	20.9	21.9	21.2	22.2	22.6	20.7	21.7	21.1	22.1	22.4
12H	20.9	21.9	21.2	22.2	22.5	20.7	21.7	21.1	22.1	22.4
4H 2H	19.8	20.9	20.1	21.2	21.5	19.5	20.7	19.9	21.0	21.3
3H	20.8	21.8	21.2	22.1	22.5	20.6	21.6	21.0	22.0	22.3
4H	21.2	22.1	21.6	22.5	22.9	21.1	22.0	21.5	22.3	22.7
6H	21.6	22.4	22.0	22.8	23.2	21.4	22.2	21.8	22.6	23.0
8H	21.7	22.4	22.1	22.8	23.2	21.5	22.3	22.0	22.7	23.1
12H	21.7	22.4	22.1	22.8	23.2	21.6	22.3	22.1	22.7	23.2
8H 4H	21.4	22.1	21.8	22.5	23.0	21.2	22.0	21.7	22.4	22.8
6H	21.8	22.4	22.3	22.9	23.4	21.7	22.3	22.2	22.7	23.2
8H	22.0	22.5	22.5	23.0	23.5	21.9	22.4	22.4	22.9	23.4
12H	22.1	22.5	22.6	23.0	23.5	22.0	22.5	22.5	22.9	23.5
12H 4H	21.4	22.0	21.8	22.5	22.9	21.2	21.9	21.7	22.3	22.8
6H	21.9	22.4	22.4	22.9	23.4	21.7	22.3	22.2	22.7	23.2
8H	22.0	22.5	22.6	23.0	23.5	21.9	22.4	22.4	22.9	23.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.7 / - 0.6					+ 0.5 / - 0.5				

CIE Pub.117 Corrected 615.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

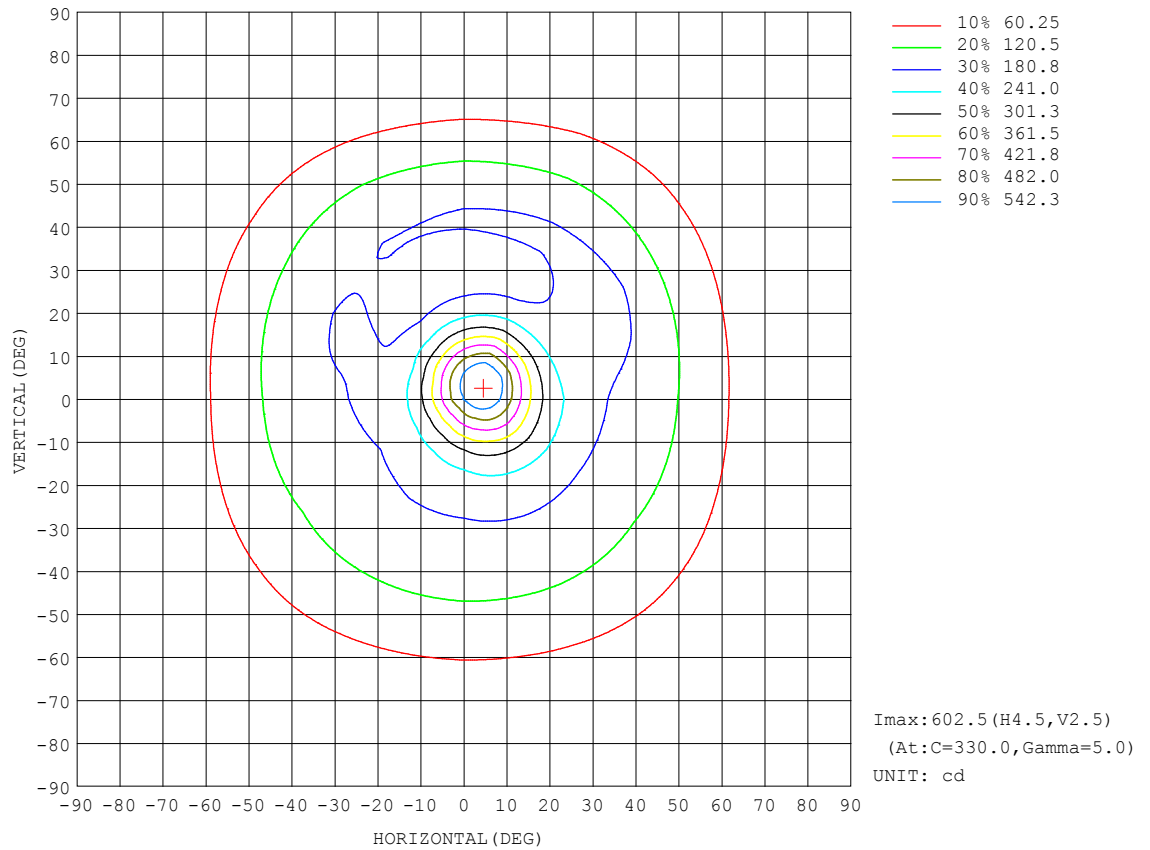
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	51	45	61	51	45	60	50	44	38
0.80	72	61	55	71	61	55	69	60	54	48
1.00	80	70	64	79	70	63	77	70	63	56
1.25	87	78	71	85	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	92	86	82	74
2.50	101	94	89	99	93	88	95	90	86	77
3.00	104	98	93	102	96	92	97	93	89	81
4.00	107	102	98	105	101	97	100	97	94	85
5.00	109	105	102	107	103	100	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

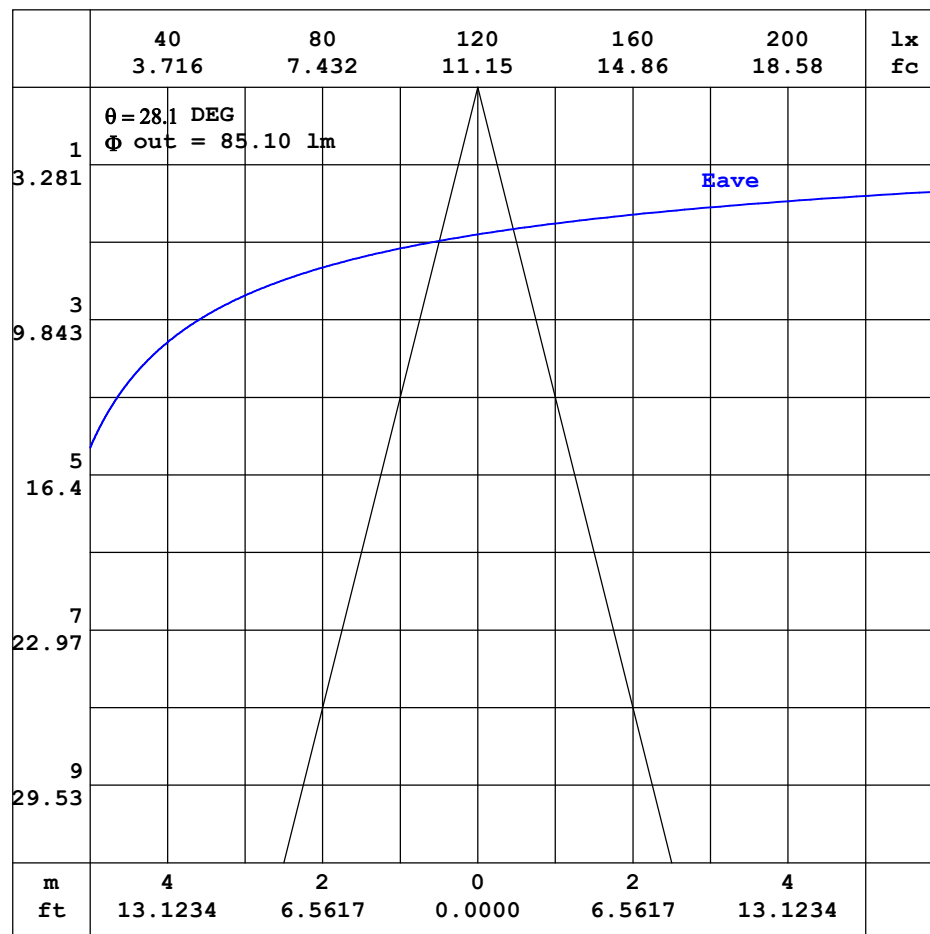


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

AAI CURVES

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.50lx1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



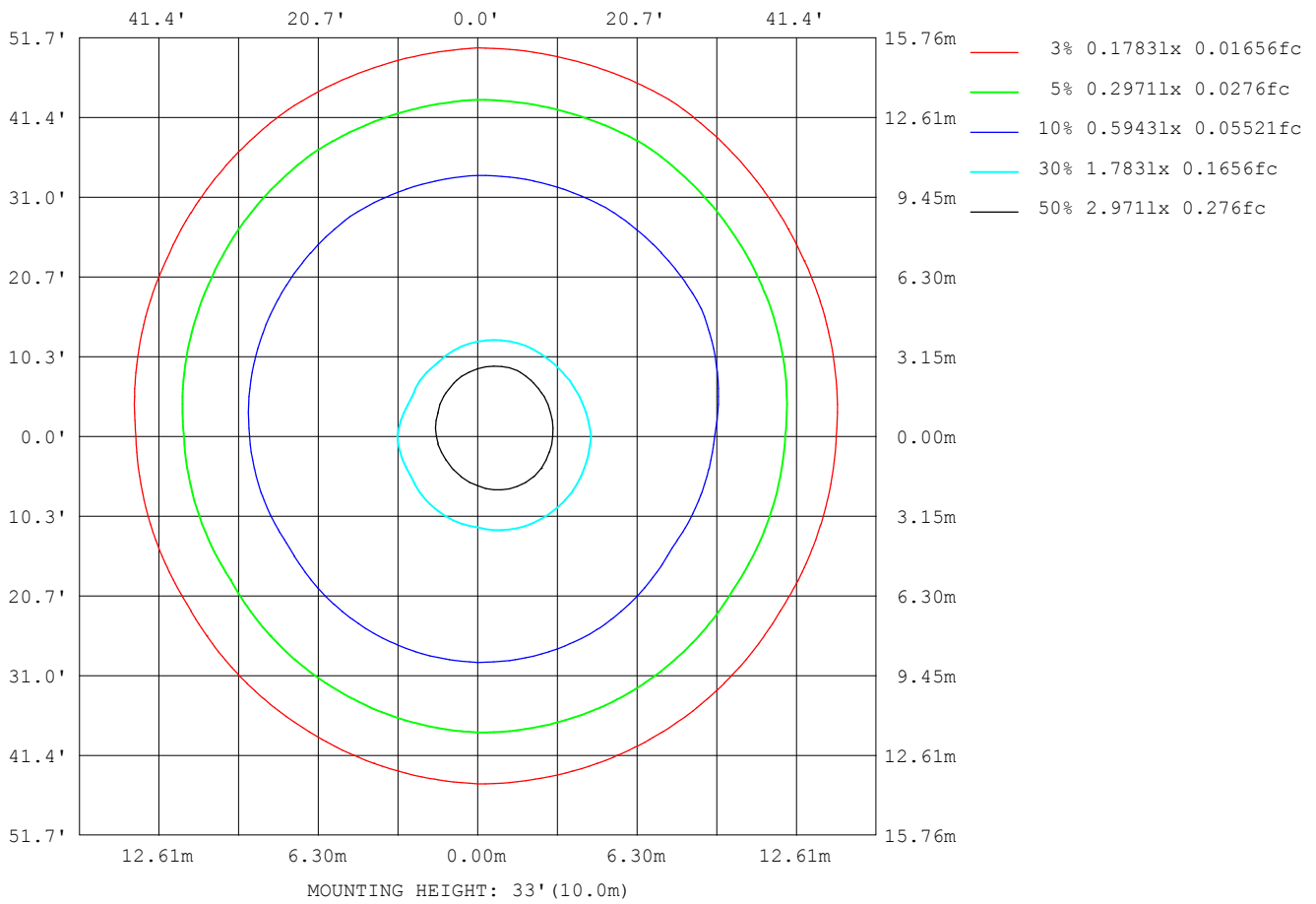
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

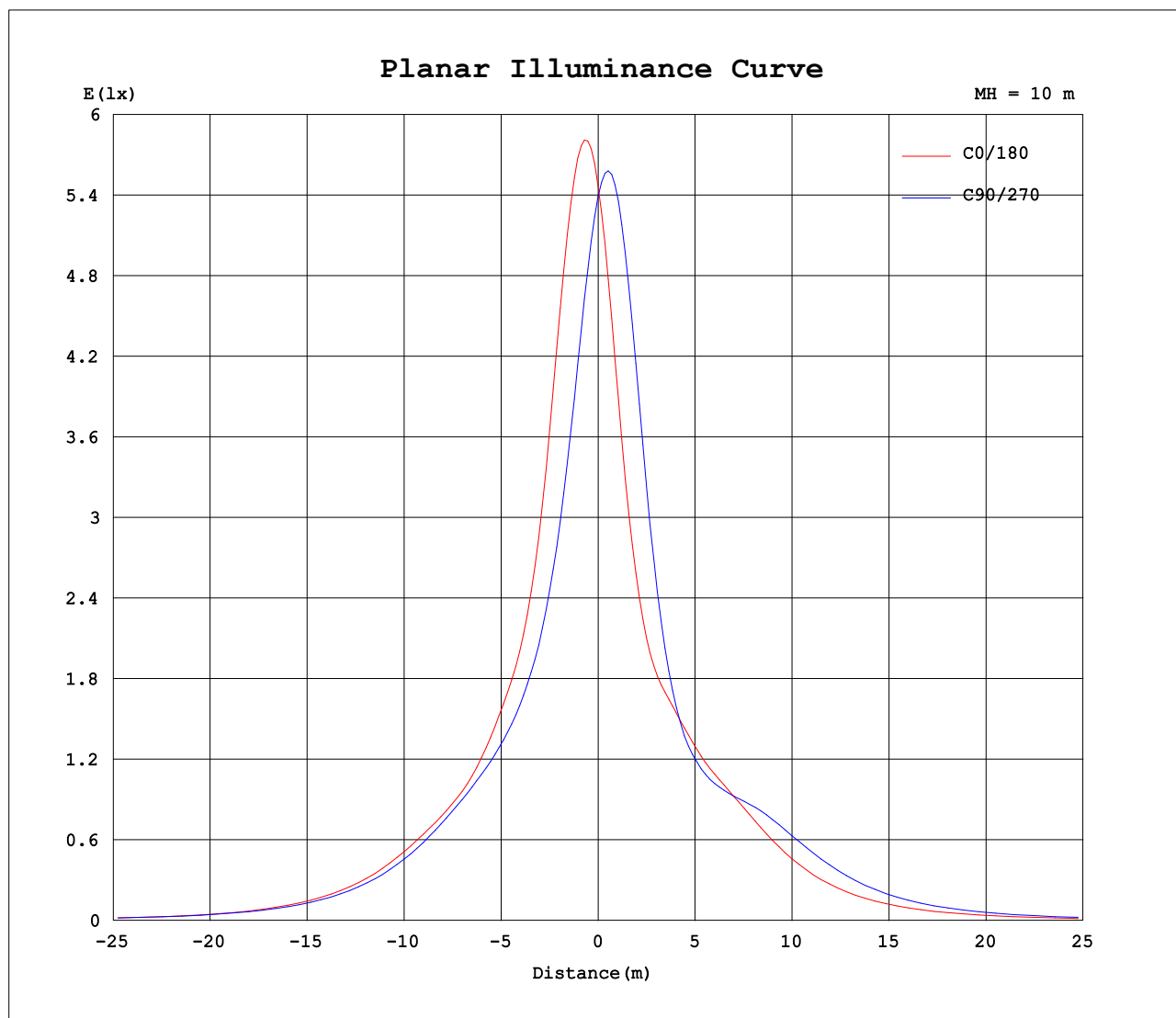
Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7611A P:18.27W PF:1.000 Lamp Flux:615.501x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-60-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	547	542	540	539	537	542	547	542	540	539	537	542							
5	583	539	484	444	411	407	423	448	501	554	596	603							
10	507	453	386	334	297	283	293	319	383	465	539	545							
15	373	344	299	257	231	218	221	222	261	327	398	400							
20	275	266	240	212	201	190	199	184	186	224	262	273							
25	229	219	204	189	184	173	186	185	157	175	189	213							
30	198	187	182	175	172	162	175	190	161	162	167	202							
35	175	164	167	164	162	154	168	183	177	169	172	206							
40	163	147	152	150	145	140	154	169	181	182	185	199							
45	145	130	132	130	124	119	130	149	170	179	181	176							
50	119	108	108	106	98.9	95.0	103	121	145	157	156	141							
55	92.3	84.1	83.3	82.7	77.0	73.7	77.3	91.6	112	123	122	105							
60	67.4	63.7	62.8	62.5	58.9	56.0	56.0	64.6	79.0	88.8	87.8	74.9							
65	47.6	47.0	46.5	46.3	43.9	41.5	39.4	44.4	53.2	60.6	60.4	52.5							
70	32.9	33.5	33.2	33.0	31.3	29.7	27.6	29.8	35.1	39.3	39.9	35.7							
75	21.7	22.7	22.2	21.8	20.8	20.1	18.3	19.1	21.9	24.0	24.9	22.9							
80	12.7	13.6	13.1	12.6	12.0	12.1	10.7	11.0	12.0	12.7	13.9	12.6							
85	3.93	4.97	5.86	5.43	5.13	4.49	3.12	3.21	4.54	4.46	5.58	3.46							
90	1.97	2.01	2.13	2.25	2.17	2.05	0.99	0.98	1.03	1.08	0.97	0.89							
95	2.00	2.11	2.20	2.41	2.26	2.19	1.16	1.09	1.18	1.18	1.11	0.97							
100	2.12	2.26	2.36	2.59	2.43	2.35	1.34	1.26	1.35	1.32	1.25	1.12							
105	2.28	2.41	2.51	2.73	2.59	2.52	1.54	1.46	1.52	1.43	1.38	1.29							
110	2.43	2.56	2.65	2.87	2.76	2.70	1.74	1.66	1.71	1.58	1.56	1.48							
115	2.57	2.71	2.79	3.02	2.94	2.88	1.97	1.87	1.92	1.78	1.76	1.68							
120	2.73	2.85	2.94	3.17	3.11	3.07	2.21	2.10	2.13	1.99	1.99	1.90							
125	2.86	3.01	3.07	3.32	3.30	3.27	2.50	2.37	2.37	2.24	2.22	2.12							
130	3.02	3.15	3.24	3.50	3.48	3.49	2.78	2.64	2.64	2.48	2.47	2.38							
135	3.21	3.32	3.42	3.67	3.67	3.70	3.02	2.90	2.89	2.74	2.73	2.65							
140	3.41	3.52	3.59	3.84	3.87	3.90	3.23	3.13	3.13	3.00	3.00	2.94							
145	3.60	3.70	3.81	4.03	4.04	4.07	3.42	3.33	3.36	3.23	3.25	3.19							
150	3.81	3.92	4.00	4.20	4.21	4.24	3.61	3.53	3.57	3.46	3.49	3.42							
155	4.03	4.14	4.19	4.35	4.34	4.40	3.83	3.72	3.76	3.65	3.70	3.62							
160	4.23	4.34	4.32	4.46	4.45	4.51	4.04	3.92	3.95	3.84	3.90	3.84							
165	4.41	4.48	4.40	4.52	4.51	4.51	4.23	4.10	4.11	4.01	4.07	4.04							
170	4.52	4.51	4.42	4.54	4.52	4.51	4.36	4.23	4.26	4.20	4.23	4.21							
175	4.53	4.51	4.44	4.54	4.53	4.51	4.44	4.34	4.40	4.34	4.38	4.31							
180	4.53	4.51	4.46	4.52	4.53	4.49	4.51	4.44	4.46	4.51	4.52	4.43							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [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	547.4	542.2	539.6	538.6	536.9	541.8	547.4	542.2	539.6	538.6
3.0	582.6	552.7	515.8	487.0	462.8	463.0	479.5	494.4	528.4	560.4
6.0	576.8	527.1	465.5	420.3	384.2	377.7	394.3	424.0	481.8	544.1
9.0	530.2	473.3	405.8	353.9	315.6	303.3	314.5	342.1	409.0	489.7
12.0	455.2	409.9	347.7	297.1	265.0	250.6	256.9	272.4	328.9	411.0
15.0	373.0	344.4	299.3	256.8	231.2	218.5	221.1	222.2	260.8	327.4
18.0	306.7	292.7	261.0	226.2	210.1	198.9	204.3	193.5	210.0	259.1
21.0	262.2	255.0	231.2	206.1	197.2	186.3	196.2	182.0	177.3	210.4
24.0	235.4	226.3	209.7	192.3	186.2	175.8	188.3	183.2	160.1	180.3
27.0	216.0	204.7	194.1	182.4	178.7	167.4	180.3	187.7	155.7	166.9
30.0	198.3	187.3	181.7	175.0	172.1	161.7	174.6	190.2	161.3	162.0
33.0	182.6	172.7	172.6	168.6	166.1	157.7	171.1	187.2	171.1	164.4
36.0	172.6	160.8	164.2	161.8	158.7	152.5	166.4	180.5	179.3	171.4
39.0	164.9	150.4	155.0	153.1	149.1	143.9	157.9	171.8	181.8	179.7
42.0	156.8	140.2	144.1	142.3	137.3	132.5	145.5	162.2	178.2	183.3
45.0	145.2	130.2	131.8	129.7	123.8	118.9	130.2	148.8	169.8	178.8
48.0	130.1	117.7	117.7	115.3	108.9	104.3	113.9	133.1	156.5	167.6
51.0	113.7	103.3	102.9	101.3	94.09	90.45	97.85	115.5	138.8	150.8
54.0	97.41	88.87	88.06	86.88	80.98	77.69	82.21	97.29	118.6	130.2
57.0	81.94	75.71	74.63	74.22	69.35	66.33	68.17	79.80	98.09	108.9
60.0	67.36	63.69	62.84	62.54	58.88	56.05	55.99	64.60	78.96	88.81
63.0	54.86	53.24	52.64	52.23	49.61	46.82	45.56	51.66	62.42	71.12
66.0	44.37	43.86	43.69	43.49	41.30	38.87	36.83	40.91	49.11	55.74
69.0	35.51	35.99	35.69	35.44	33.75	31.83	29.66	32.53	38.24	42.94
72.0	28.10	28.83	28.56	28.27	26.91	25.50	23.55	25.16	29.23	32.62
75.0	21.74	22.73	22.19	21.85	20.75	20.06	18.32	19.14	21.88	23.98
78.0	16.08	17.04	16.46	16.10	15.22	15.08	13.65	14.20	15.59	16.69
81.0	10.76	11.92	11.50	11.06	10.43	10.59	9.271	9.489	10.38	10.81
84.0	5.179	6.807	6.643	6.342	6.147	6.147	4.386	4.771	5.891	5.777
87.0	2.478	2.729	3.438	3.736	3.180	2.650	1.611	1.571	2.232	2.467
90.0	1.974	2.010	2.132	2.253	2.174	2.052	0.9900	0.9837	1.032	1.083
93.0	1.973	2.071	2.149	2.344	2.204	2.131	1.087	1.020	1.130	1.105
96.0	2.022	2.144	2.240	2.447	2.301	2.216	1.203	1.117	1.221	1.202
99.0	2.094	2.229	2.319	2.550	2.392	2.320	1.306	1.220	1.318	1.287
102.0	2.179	2.320	2.422	2.648	2.495	2.423	1.421	1.329	1.421	1.372
105.0	2.277	2.411	2.507	2.732	2.592	2.520	1.537	1.463	1.524	1.433
108.0	2.362	2.508	2.598	2.817	2.695	2.629	1.652	1.566	1.634	1.518
111.0	2.447	2.599	2.677	2.896	2.799	2.732	1.785	1.694	1.749	1.627
114.0	2.550	2.672	2.768	2.981	2.896	2.836	1.919	1.827	1.871	1.754
117.0	2.653	2.763	2.841	3.072	3.005	2.957	2.059	1.961	2.004	1.870
120.0	2.726	2.848	2.938	3.170	3.114	3.066	2.211	2.100	2.125	1.991
123.0	2.811	2.933	3.035	3.255	3.230	3.194	2.381	2.264	2.271	2.137
126.0	2.890	3.024	3.108	3.358	3.327	3.315	2.551	2.428	2.423	2.283
129.0	2.987	3.115	3.199	3.461	3.448	3.443	2.715	2.586	2.575	2.446
132.0	3.090	3.218	3.315	3.564	3.558	3.576	2.872	2.744	2.733	2.592
135.0	3.205	3.321	3.418	3.668	3.673	3.698	3.024	2.902	2.891	2.744
138.0	3.327	3.431	3.515	3.777	3.800	3.813	3.152	3.041	3.042	2.896
141.0	3.436	3.552	3.624	3.874	3.910	3.935	3.267	3.169	3.182	3.041
144.0	3.563	3.668	3.764	3.983	4.007	4.032	3.382	3.290	3.316	3.193
147.0	3.685	3.795	3.873	4.093	4.110	4.141	3.492	3.418	3.449	3.327
150.0	3.813	3.917	4.001	4.202	4.207	4.238	3.613	3.527	3.570	3.461
153.0	3.946	4.044	4.116	4.293	4.292	4.341	3.735	3.649	3.680	3.582
156.0	4.068	4.178	4.219	4.378	4.383	4.426	3.874	3.764	3.801	3.709
159.0	4.195	4.305	4.298	4.439	4.426	4.499	3.996	3.885	3.904	3.813
162.0	4.310	4.408	4.359	4.493	4.511	4.505	4.117	3.989	4.008	3.916
165.0	4.414	4.481	4.396	4.517	4.505	4.505	4.226	4.098	4.111	4.013
168.0	4.487	4.511	4.414	4.535	4.517	4.505	4.317	4.183	4.202	4.116
171.0	4.523	4.511	4.432	4.535	4.523	4.505	4.378	4.262	4.293	4.214
174.0	4.529	4.505	4.438	4.535	4.529	4.505	4.426	4.323	4.372	4.311
177.0	4.529	4.505	4.444	4.523	4.529	4.493	4.481	4.389	4.457	4.396
180.0	4.529	4.505	4.457	4.517	4.529	4.493	4.505	4.438	4.463	4.505
G/C	300.0	330.0								
0.0	536.9	541.8								
3.0	584.8	592.8								
6.0	594.4	601.9								
9.0	559.5	564.7								
12.0	487.6	489.5								
15.0	397.7	399.9								
18.0	308.9	314.1								
21.0	242.4	254.8								
24.0	198.8	220.1								
27.0	175.2	204.5								
30.0	166.6	201.7								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

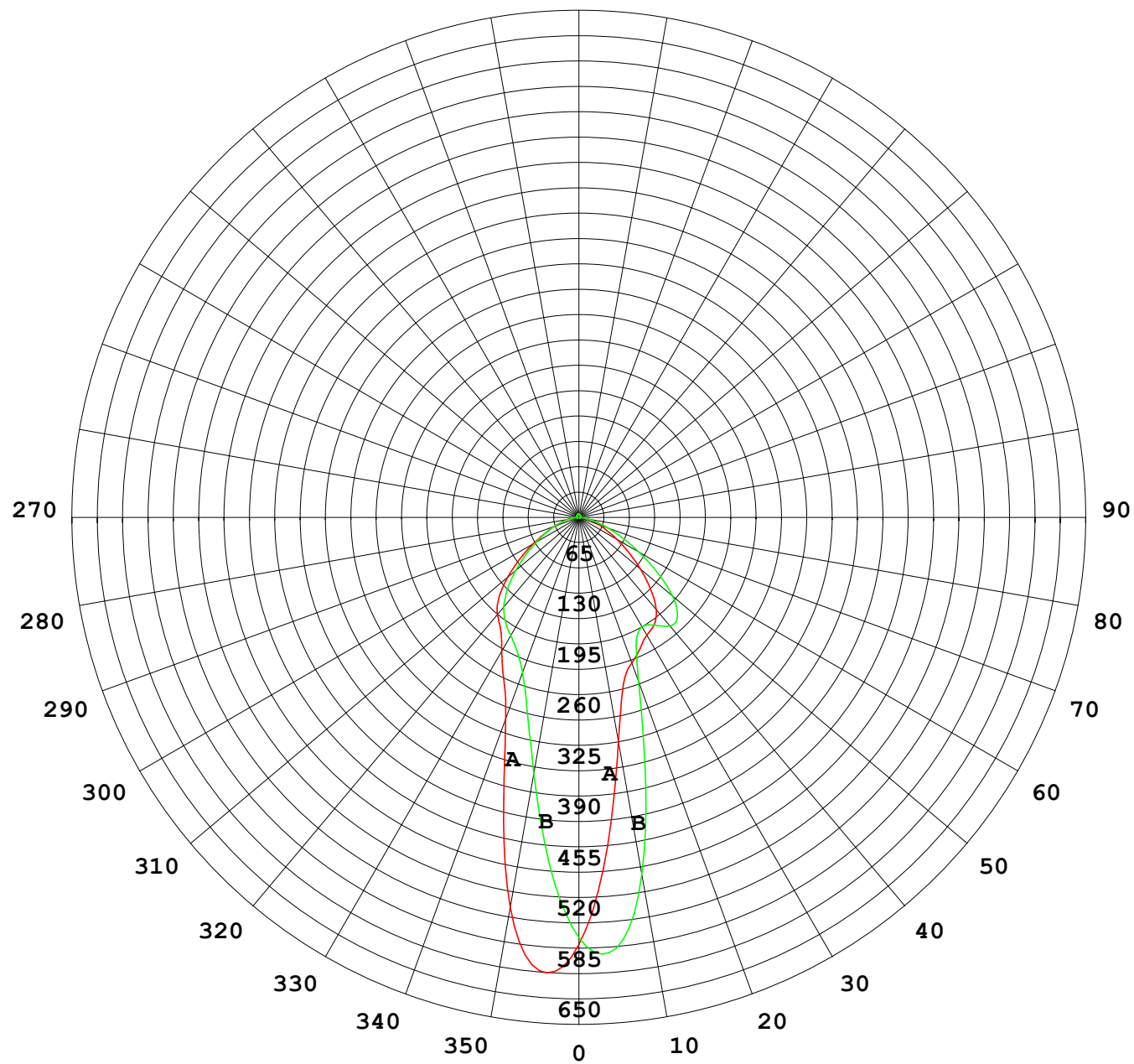
Photometric Data Table [cd]

33.0	167.7	204.4
36.0	174.7	205.7
39.0	182.9	201.8
42.0	186.2	191.6
45.0	181.0	176.0
48.0	167.9	155.6
51.0	149.8	133.6
54.0	129.2	111.6
57.0	107.9	91.73
60.0	87.77	74.93
63.0	70.35	60.80
66.0	55.85	48.64
69.0	43.49	38.76
72.0	33.27	30.43
75.0	24.92	22.92
78.0	17.91	16.48
81.0	12.04	10.93
84.0	7.145	5.206
87.0	2.709	1.560
90.0	0.9716	0.8929
93.0	1.039	0.9046
96.0	1.136	0.9955
99.0	1.221	1.093
102.0	1.300	1.184
105.0	1.379	1.287
108.0	1.482	1.396
111.0	1.597	1.518
114.0	1.719	1.639
117.0	1.852	1.772
120.0	1.992	1.900
123.0	2.125	2.027
126.0	2.265	2.167
129.0	2.417	2.343
132.0	2.575	2.495
135.0	2.733	2.653
138.0	2.903	2.829
141.0	3.055	2.993
144.0	3.206	3.139
147.0	3.346	3.278
150.0	3.492	3.418
153.0	3.613	3.533
156.0	3.734	3.673
159.0	3.856	3.806
162.0	3.971	3.922
165.0	4.068	4.037
168.0	4.177	4.141
171.0	4.263	4.220
174.0	4.360	4.305
177.0	4.457	4.365
180.0	4.517	4.426

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

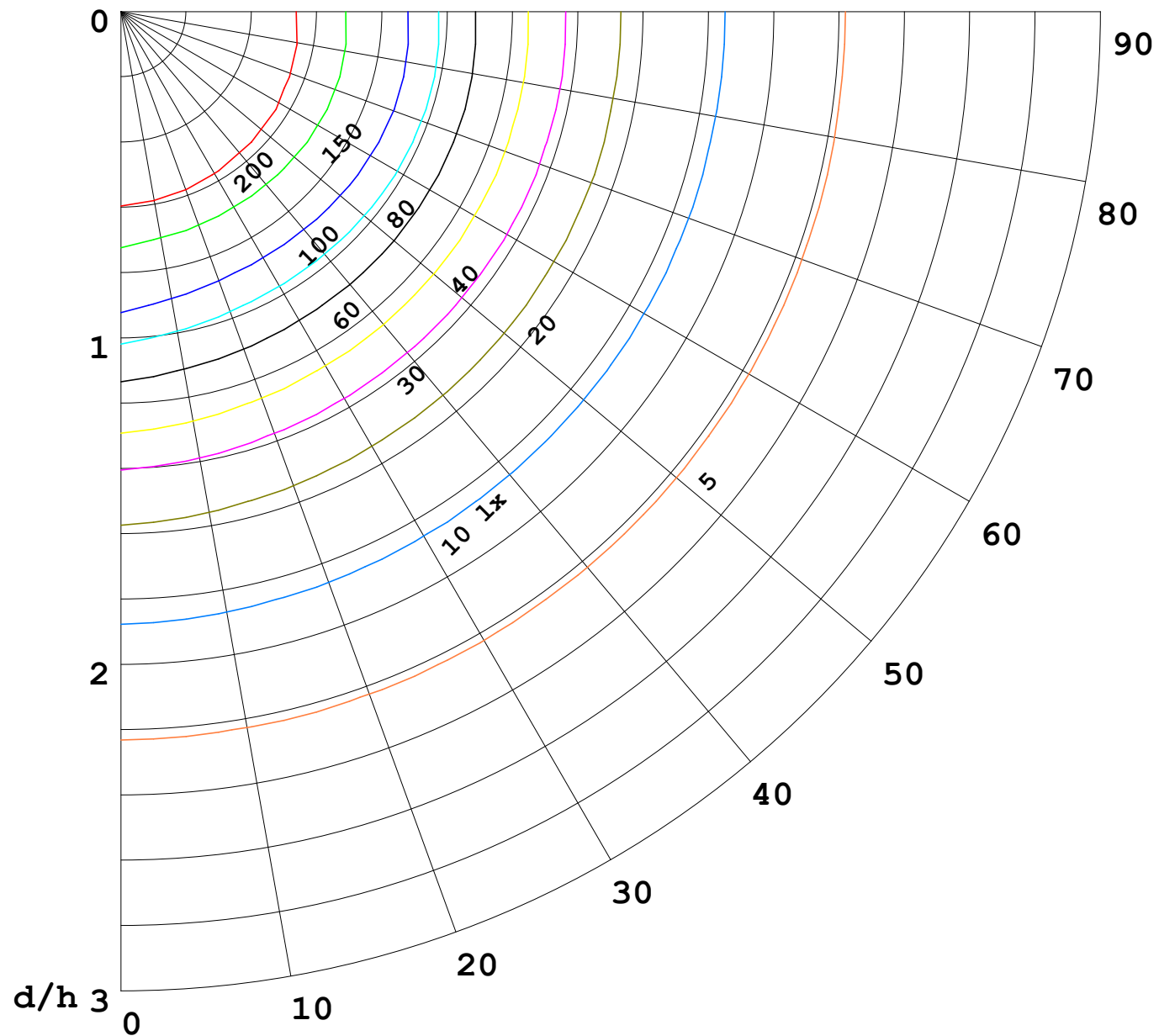
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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

