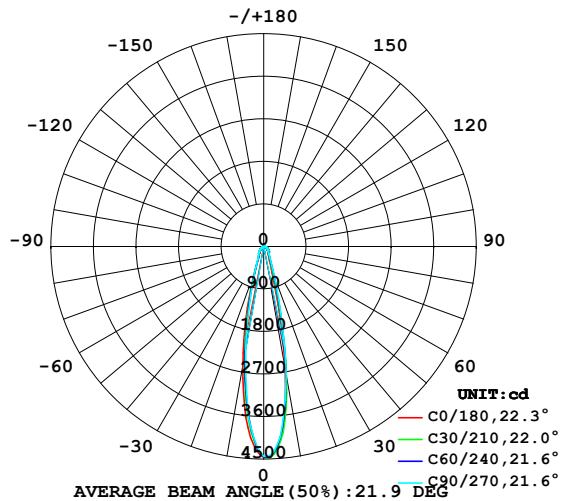


LUMINAIRE PHOTOMETRIC TEST REPORT

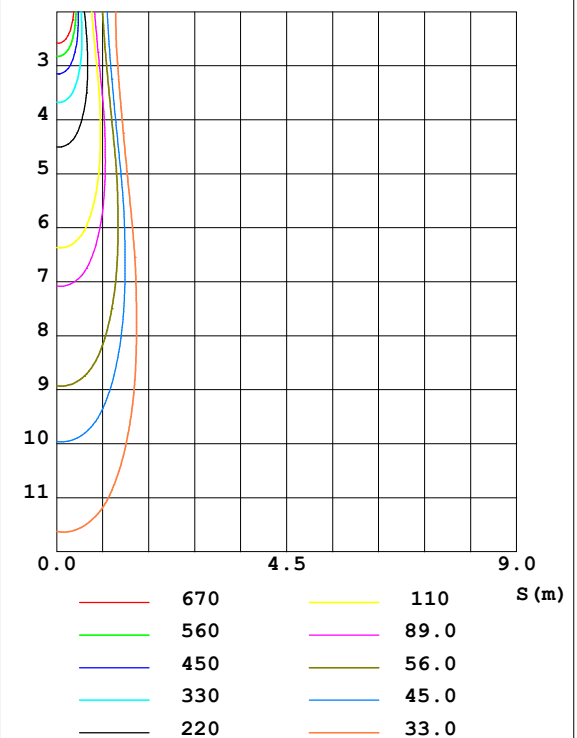
Test:U:24.00V I:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.69 lm/W			
MODEL	3535	I _{max} (cd)	4472	S/MH (C0/180)	0.36
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.40
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1256.5	η UP, DN (C0-180)	1.7, 50.9
NOMINAL FLUX (lm)	1256.54	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 46.1
LAMPS INSIDE	1	η up (%)	3.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)		η down (%)	97.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



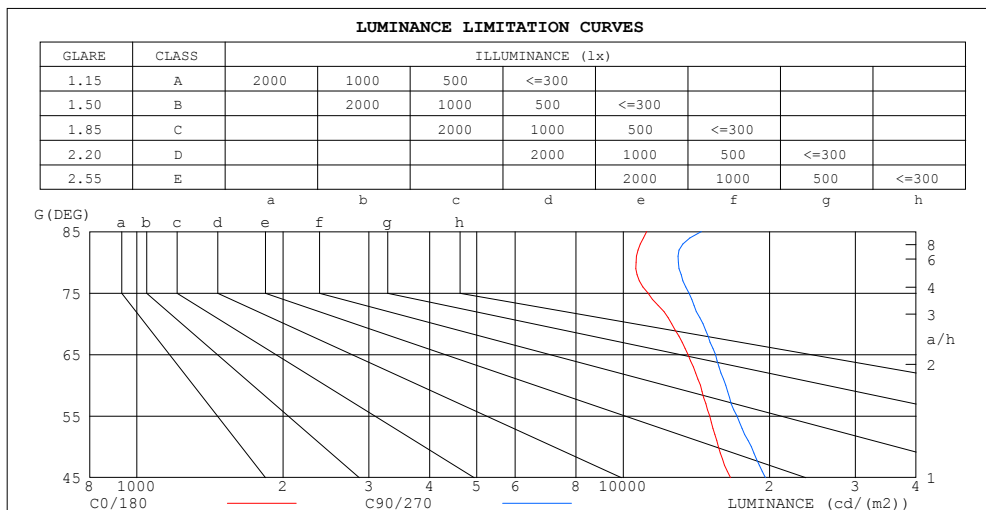
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-08

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	2626	2739	2735	2621	2554	2299	2198	2435	0- 10	326.4	326.4	26,26
20	448.9	581.3	654.7	599.6	551.7	510.9	528.2	505.3	10- 20	347.1	673.6	53.6,53.6
30	203.4	242.7	259.7	212.6	199.4	214.2	223.9	207.0	20- 30	149.4	822.9	65.5,65.5
40	138.6	163.4	164.3	149.7	152.0	160.7	156.6	145.3	30- 40	114.1	937.0	74.6,74.6
50	100.9	122.3	117.9	104.2	93.84	97.50	101.5	101.9	40- 50	98.34	1035	82.4,82.4
60	72.06	88.83	81.29	75.03	65.95	68.40	69.35	73.33	50- 60	80.22	1116	88.8,88.8
70	43.02	50.61	49.94	47.77	40.49	41.71	41.82	43.60	60- 70	59.54	1175	93.5,93.5
80	18.46	20.56	22.54	21.31	15.95	16.99	17.21	16.04	70- 80	32.95	1208	96.1,96.1
90	4.974	4.993	5.186	5.131	1.562	1.741	1.892	1.684	80- 90	10.61	1219	97,97
100	4.666	4.838	5.048	4.835	2.221	2.374	2.477	2.283	90-100	3.787	1222	97.3,97.3
110	4.628	4.825	4.954	4.713	2.998	3.192	3.260	3.082	100-110	3.970	1226	97.6,97.6
120	4.853	5.104	5.299	5.001	4.216	4.528	4.708	4.431	110-120	4.258	1231	97.9,97.9
130	6.224	6.387	6.605	6.343	6.518	6.682	6.714	6.566	120-130	4.975	1236	98.3,98.3
140	8.744	8.660	8.712	8.653	8.543	8.557	8.452	8.466	130-140	5.837	1241	98.8,98.8
150	11.16	10.90	10.73	10.92	9.576	9.607	9.431	9.447	140-150	5.923	1247	99.3,99.3
160	12.51	12.01	11.68	12.18	10.27	10.26	9.833	9.855	150-160	4.949	1252	99.7,99.7
170	11.97	11.52	11.57	11.92	10.42	10.56	10.15	9.777	160-170	3.145	1256	99.9,99.9
180	10.64	10.96	11.24	10.81	10.58	10.95	11.20	10.77	170-180	1.038	1257	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11177	14473
80	10632	12979
75	11240	13650
70	12579	14603
65	13597	15478
60	14412	16258
55	15072	17125
50	15705	18342
45	16636	19605

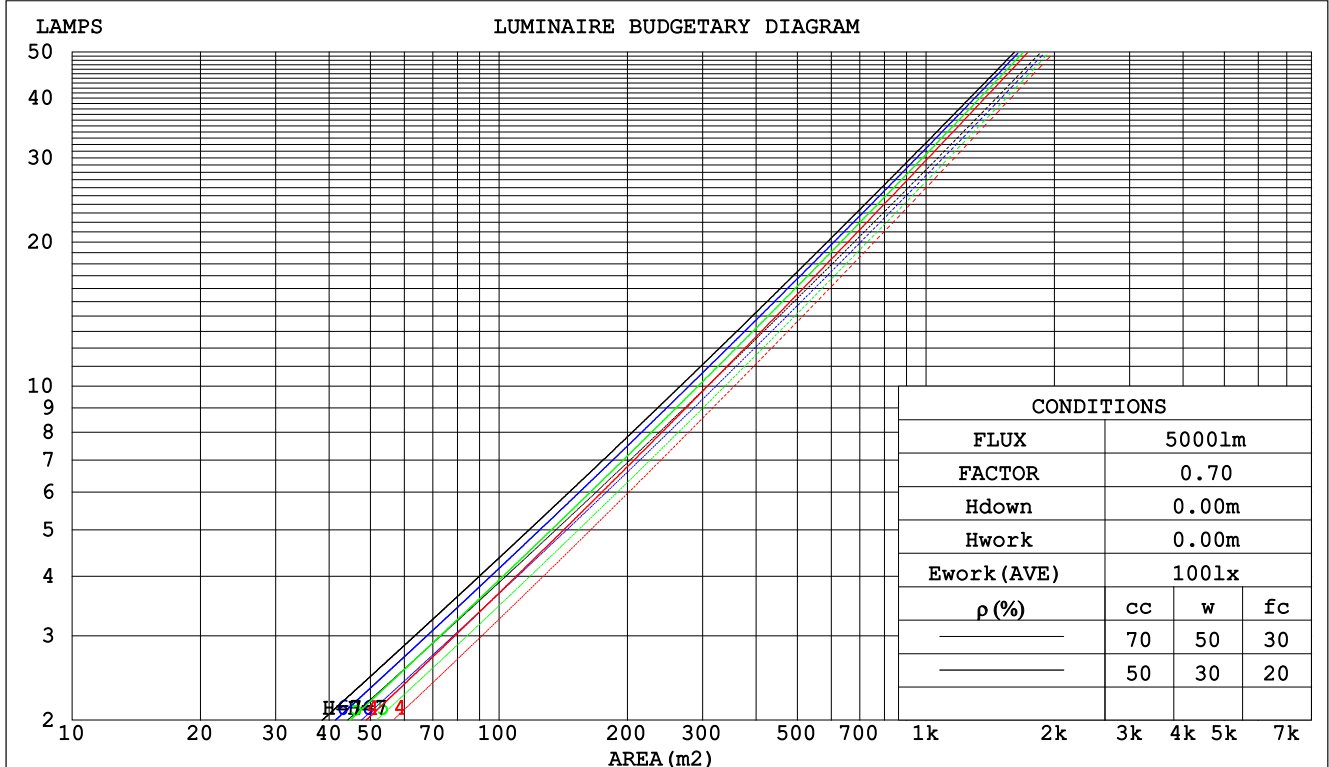
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-08

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:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	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						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	1.09	1.06	1.03	1.06	1.04	1.01	1.02	.99	.98	.97	.96	.94	.93	.92	.91	.89
2.0	1.00	.96	.92	.98	.94	.91	.94	.91	.88	.91	.88	.86	.88	.86	.84	.82
3.0	.93	.88	.83	.91	.87	.83	.88	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.87	.81	.77	.86	.80	.76	.83	.79	.75	.81	.77	.74	.79	.75	.73	.71
5.0	.82	.76	.72	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.71	.69	.67
6.0	.78	.72	.67	.77	.71	.67	.75	.70	.66	.73	.69	.66	.72	.68	.65	.64
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.69	.65	.62	.61
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.67	.63	.60	.66	.62	.59	.58
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.56
10.0	.65	.60	.56	.65	.59	.56	.64	.59	.56	.63	.58	.55	.62	.58	.55	.54



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-08

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:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm					
NAME: SFW20-24V-3535-24-CC-3000K-80-20			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	.205	.117	.037	.197	.113	.036	.183	.105	.033	.170	.098	.031	.157	.091	.029	
2.0	.191	.105	.032	.184	.102	.031	.172	.096	.030	.161	.090	.028	.150	.085	.027	
3.0	.177	.094	.028	.171	.092	.028	.161	.087	.026	.151	.083	.025	.141	.078	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.153	.078	.023	.148	.076	.022	.140	.073	.021	.133	.070	.021	.125	.067	.020	
6.0	.143	.071	.020	.139	.070	.020	.132	.067	.020	.125	.065	.019	.118	.062	.019	
7.0	.134	.066	.019	.130	.065	.018	.124	.063	.018	.118	.060	.018	.112	.058	.017	
8.0	.126	.061	.017	.123	.060	.017	.117	.058	.017	.112	.057	.016	.106	.055	.016	
9.0	.119	.057	.016	.116	.057	.016	.111	.055	.016	.106	.053	.015	.101	.051	.015	
10.0	.112	.054	.015	.110	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014	

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	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.196	.180	.166	.168	.155	.143	.115	.106	.099	.066	.062	.057	.021	.020	.019	
2.0	.182	.156	.134	.156	.134	.115	.107	.093	.081	.062	.054	.047	.020	.017	.015	
3.0	.170	.137	.111	.146	.118	.096	.100	.082	.067	.058	.048	.040	.019	.016	.013	
4.0	.159	.123	.095	.137	.106	.082	.094	.074	.058	.054	.043	.034	.018	.014	.011	
5.0	.150	.111	.082	.129	.096	.072	.089	.067	.051	.051	.039	.030	.017	.013	.010	
6.0	.142	.102	.073	.122	.088	.064	.084	.062	.045	.049	.036	.027	.016	.012	.009	
7.0	.135	.094	.066	.116	.082	.057	.080	.057	.041	.046	.034	.024	.015	.011	.008	
8.0	.128	.088	.060	.110	.076	.052	.076	.053	.037	.044	.032	.022	.014	.010	.007	
9.0	.122	.082	.056	.105	.072	.048	.073	.050	.034	.042	.030	.021	.014	.010	.007	
10.0	.117	.078	.052	.101	.068	.045	.070	.048	.032	.041	.028	.019	.013	.009	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-07-08

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:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm										
NAME: SFW20-24V-3535-24-CC-3000K-80-20					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	20.0	21.0	20.3	21.2	21.4	20.2	21.1	20.4	21.3	21.5
3H	21.3	22.2	21.6	22.4	22.7	21.5	22.4	21.8	22.6	22.9
4H	21.7	22.6	22.0	22.8	23.1	22.1	22.9	22.4	23.2	23.4
6H	22.0	22.8	22.4	23.1	23.4	22.5	23.3	22.8	23.6	23.9
8H	22.2	22.9	22.5	23.2	23.6	22.6	23.4	23.0	23.7	24.0
12H	22.3	23.0	22.6	23.3	23.7	22.8	23.5	23.2	23.9	24.2
4H 2H	20.7	21.6	21.1	21.8	22.1	20.8	21.7	21.1	21.9	22.2
3H	22.2	22.9	22.5	23.2	23.6	22.3	23.0	22.7	23.4	23.7
4H	22.7	23.4	23.1	23.7	24.1	22.9	23.6	23.3	24.0	24.3
6H	23.1	23.7	23.5	24.1	24.5	23.5	24.1	23.9	24.5	24.9
8H	23.3	23.8	23.7	24.2	24.7	23.7	24.2	24.1	24.6	25.1
12H	23.4	23.9	23.9	24.4	24.8	23.9	24.4	24.3	24.8	25.3
8H 4H	22.9	23.5	23.4	23.9	24.3	23.1	23.7	23.6	24.1	24.5
6H	23.5	23.9	23.9	24.4	24.9	23.8	24.3	24.3	24.7	25.2
8H	23.7	24.1	24.2	24.6	25.1	24.1	24.5	24.6	25.0	25.5
12H	23.9	24.3	24.5	24.8	25.3	24.4	24.8	24.9	25.3	25.8
12H 4H	22.9	23.4	23.4	23.9	24.3	23.1	23.6	23.6	24.1	24.5
6H	23.5	23.9	24.0	24.4	24.9	23.8	24.2	24.3	24.7	25.2
8H	23.8	24.2	24.3	24.7	25.2	24.2	24.5	24.7	25.0	25.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.4 / - 0.5					+ 0.1 / - 0.2				
2.0H	+ 0.3 / - 0.7					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1257 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.8)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-08

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:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

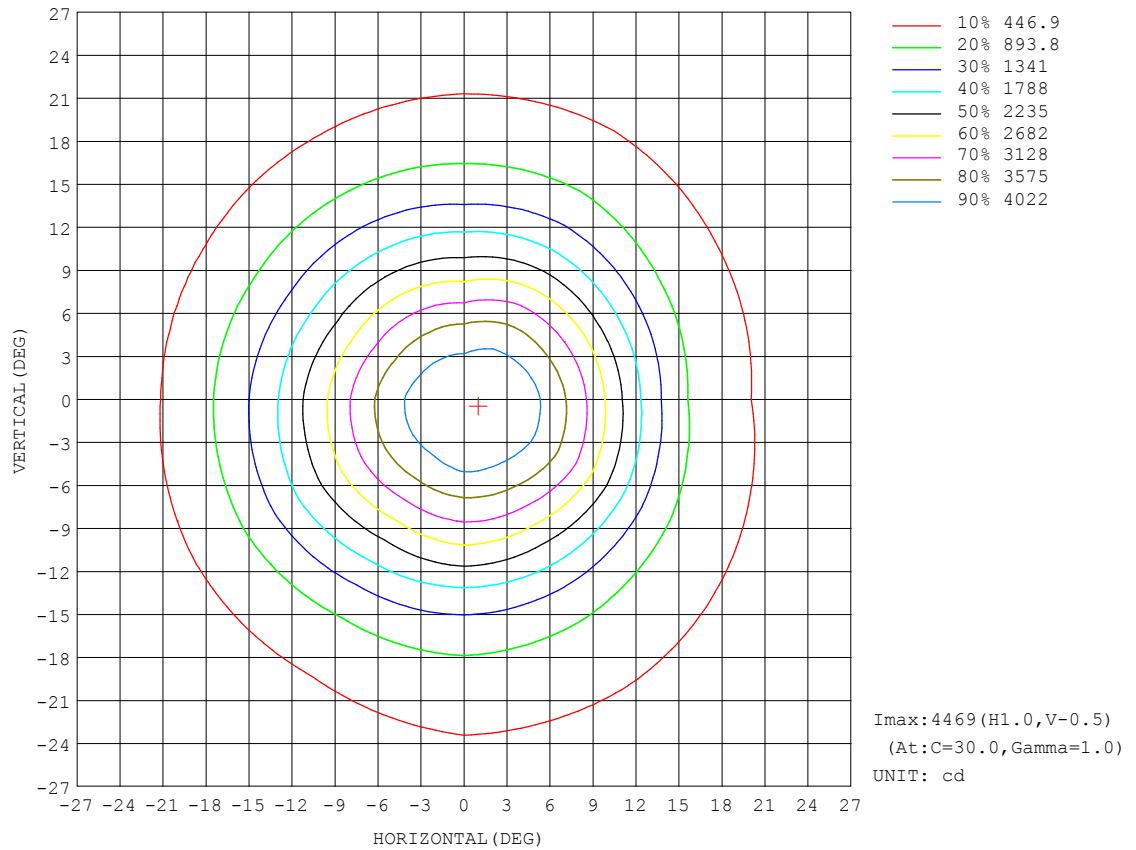
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	75	67	63	74	67	62	58
0.80	84	76	71	83	76	71	82	75	70	65
1.00	90	82	77	89	82	77	87	82	76	71
1.25	95	88	83	94	87	82	91	85	81	76
1.50	98	92	87	97	91	86	94	89	85	79
2.00	103	97	92	101	95	91	97	93	90	83
2.50	105	100	96	103	98	95	99	95	92	85
3.00	107	103	99	105	101	98	101	98	95	87
4.00	110	106	103	108	104	101	103	101	98	90
5.00	112	109	106	109	106	104	105	102	101	91
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: 2024-07-08

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:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

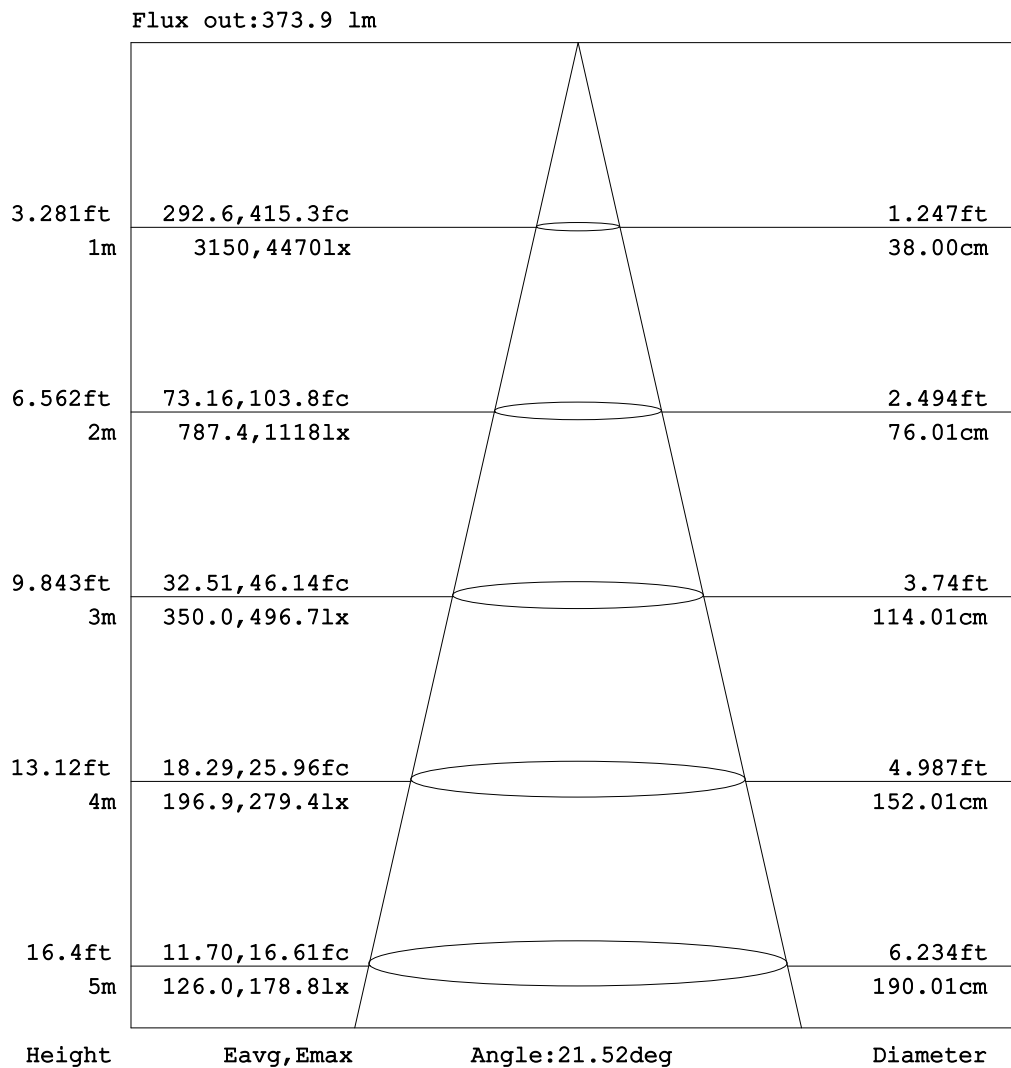


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-08

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 Figure

Test:U:24.00V I:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



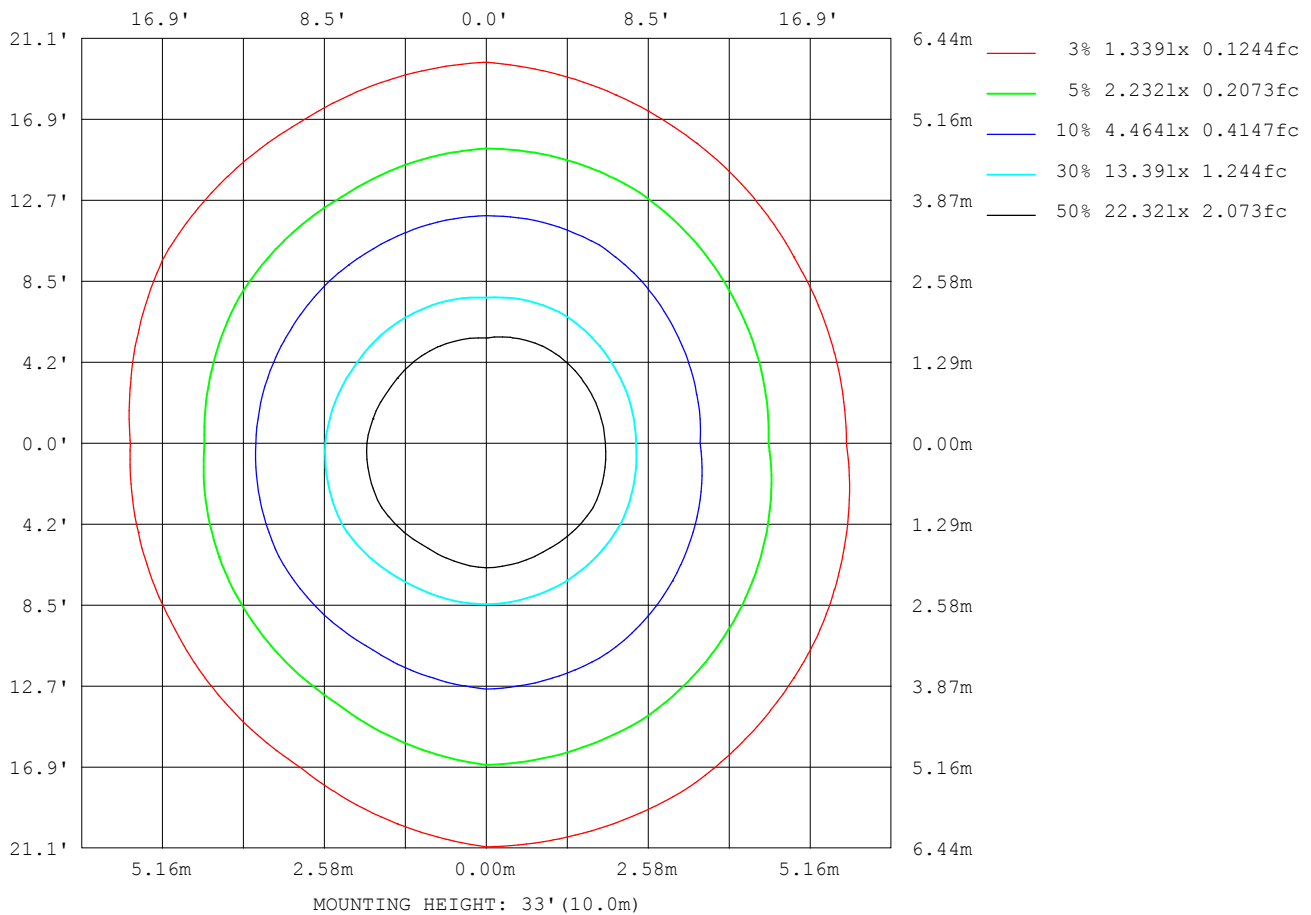
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-08

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

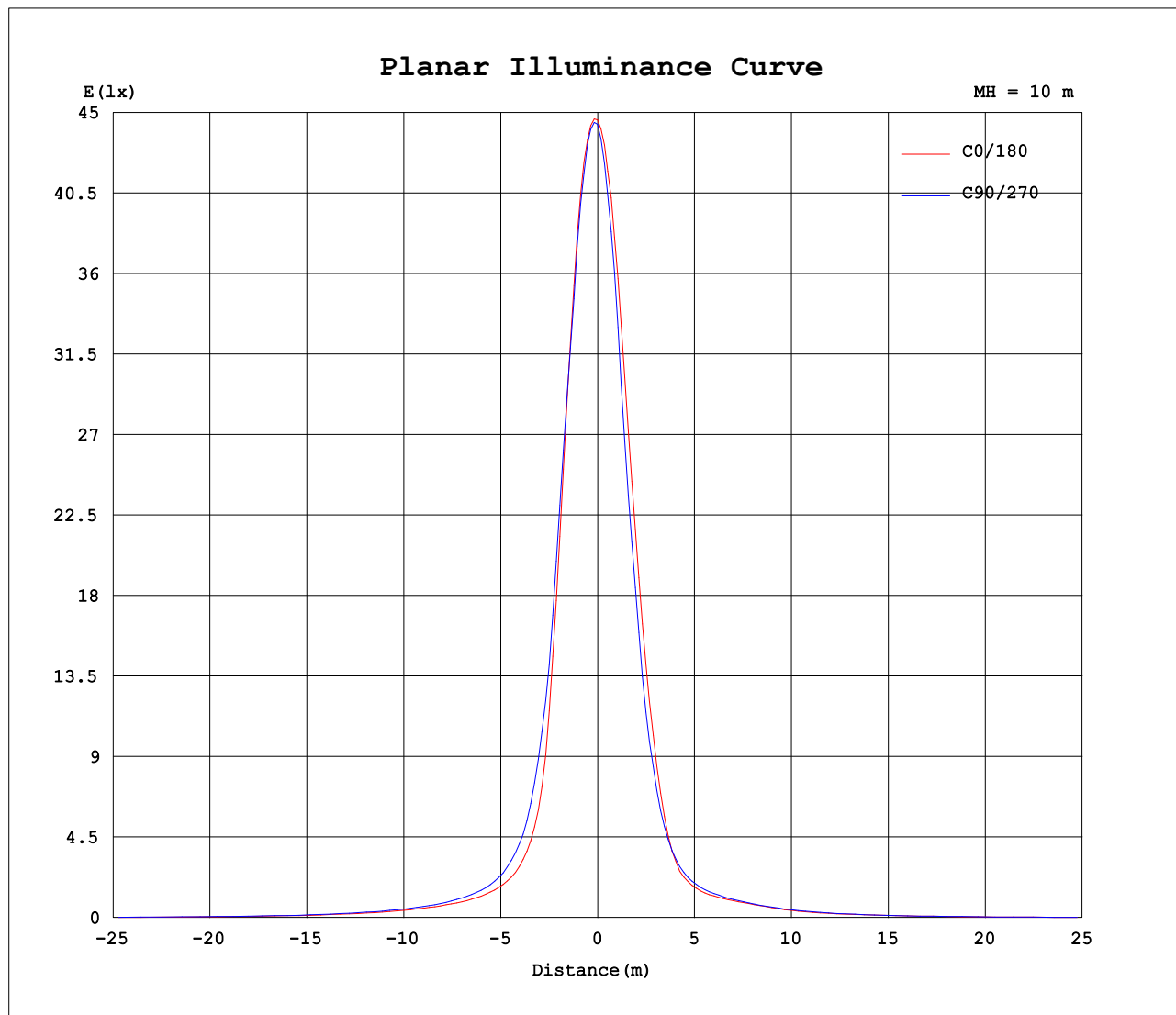
Test:U:24.00V I:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-08

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: 2024-07-08

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:0.7734A P:18.56W PF:1.000 Lamp Flux:1256.54x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-20	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	4460	4447	4448	4435	4435	4433	4460	4447	4448	4435	4435	4433						
5	4095	4121	4054	4039	3920	3910	3849	3703	3643	3651	3830	3959						
10	2626	2788	2689	2735	2587	2656	2554	2336	2262	2198	2372	2498						
15	1009	1206	1298	1349	1326	1428	1340	1186	1139	1091	1148	1071						
20	449	534	628	655	591	609	552	514	507	528	531	480						
25	276	320	363	383	319	297	272	284	281	303	302	283						
30	203	232	253	260	219	206	199	215	214	224	212	202						
35	162	185	200	201	174	172	174	189	188	187	173	165						
40	139	159	168	164	148	151	152	159	162	157	148	142						
45	118	140	144	139	127	122	116	119	124	126	121	120						
50	101	124	120	118	108	101	93.8	96.4	98.6	101	100	104						
55	86.4	109	101	98.2	91.4	86.2	79.1	81.3	82.5	84.2	83.8	90.1						
60	72.1	93.1	84.6	81.3	76.7	73.3	66.0	68.3	68.6	69.4	69.4	77.2						
65	57.5	73.6	66.7	65.4	62.6	60.4	53.2	54.9	55.1	55.4	56.0	62.8						
70	43.0	52.0	49.3	49.9	48.5	47.1	40.5	41.6	41.8	41.8	42.5	44.7						
75	29.1	33.9	33.9	35.3	34.2	33.6	27.7	28.3	29.1	28.8	28.6	27.9						
80	18.5	19.9	21.2	22.5	21.9	20.8	15.9	16.4	17.6	17.2	16.7	15.4						
85	9.74	10.8	11.6	12.6	12.3	11.0	6.79	6.87	8.29	7.86	7.52	6.34						
90	4.97	4.90	5.08	5.19	5.22	5.04	1.56	1.68	1.81	1.89	1.77	1.60						
95	4.79	4.76	5.00	5.12	5.10	4.86	1.88	1.93	2.12	2.12	2.06	1.86						
100	4.67	4.73	4.94	5.05	4.97	4.70	2.22	2.27	2.48	2.48	2.38	2.19						
105	4.63	4.75	4.90	4.95	4.85	4.63	2.59	2.66	2.86	2.82	2.74	2.56						
110	4.63	4.76	4.89	4.95	4.79	4.63	3.00	3.08	3.30	3.26	3.19	2.98						
115	4.65	4.82	4.93	5.04	4.80	4.70	3.47	3.62	3.88	3.89	3.77	3.53						
120	4.85	5.03	5.18	5.30	5.08	4.92	4.22	4.39	4.67	4.71	4.55	4.31						
125	5.35	5.49	5.67	5.83	5.62	5.41	5.28	5.44	5.65	5.67	5.55	5.33						
130	6.22	6.31	6.46	6.60	6.44	6.25	6.52	6.63	6.74	6.71	6.64	6.49						
135	7.40	7.41	7.51	7.61	7.50	7.38	7.67	7.71	7.75	7.68	7.68	7.60						
140	8.74	8.65	8.67	8.71	8.68	8.62	8.54	8.55	8.57	8.45	8.49	8.44						
145	10.0	9.92	9.82	9.80	9.86	9.88	9.14	9.14	9.18	9.03	9.09	9.00						
150	11.2	11.0	10.8	10.7	10.8	11.0	9.58	9.58	9.63	9.43	9.49	9.41						
155	12.0	11.8	11.5	11.4	11.6	11.9	9.94	9.94	9.98	9.68	9.73	9.74						
160	12.5	12.3	11.8	11.7	12.0	12.4	10.3	10.3	10.2	9.83	9.76	9.95						
165	12.5	12.1	11.7	11.7	12.0	12.4	10.5	10.5	10.4	9.91	9.73	9.96						
170	12.0	11.6	11.4	11.6	11.8	12.0	10.4	10.6	10.5	10.1	9.77	9.78						
175	11.1	11.0	11.2	11.4	11.5	11.2	10.3	10.6	10.8	10.6	10.2	9.79						
180	10.6	10.8	11.2	11.2	11.0	10.6	10.6	10.8	11.1	11.2	11.0	10.5						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-08

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	4460	4447	4448	4435	4435	4433	4460	4447	4448	4435
3.0	4365	4394	4349	4340	4250	4240	4190	4106	4064	4055
6.0	3875	3951	3839	3814	3698	3692	3630	3455	3385	3354
9.0	2981	3136	3009	3015	2880	2930	2825	2620	2535	2453
12.0	1896	2102	2080	2130	2037	2136	2030	1836	1750	1703
15.0	1009	1206	1298	1349	1326	1428	1340	1186	1139	1091
18.0	590.0	707.1	820.5	877.7	811.1	861.4	809.7	743.1	696.3	696.1
21.0	401.0	479.1	555.3	574.2	506.8	508.5	457.4	438.8	440.5	461.8
24.0	298.5	351.6	399.1	421.2	352.7	332.9	297.8	311.0	307.0	331.9
27.0	240.9	278.0	308.5	319.0	268.8	249.0	232.4	247.0	245.2	263.1
30.0	203.4	232.2	253.2	259.7	219.4	205.7	199.4	214.7	213.8	223.9
33.0	175.3	199.1	217.4	221.7	188.0	181.9	182.2	197.3	195.8	200.3
36.0	156.6	178.5	191.2	192.4	168.6	168.3	169.8	184.5	184.3	181.6
39.0	143.3	163.7	173.1	170.5	152.6	155.9	157.4	167.0	168.3	162.2
42.0	130.1	151.8	157.4	153.5	139.5	139.8	138.0	142.7	146.4	145.1
45.0	117.6	140.5	143.9	138.6	126.8	122.0	116.4	119.4	123.9	126.2
48.0	107.1	129.7	129.3	125.9	115.0	107.4	101.2	103.6	107.0	109.9
51.0	98.02	121.5	116.4	113.6	104.4	97.47	90.66	92.81	95.11	97.96
54.0	89.16	111.8	104.8	102.0	94.51	88.71	81.91	84.13	85.47	87.24
57.0	80.52	103.5	94.56	90.84	85.28	80.98	73.79	75.61	76.86	77.77
60.0	72.06	93.05	84.62	81.29	76.74	73.32	65.95	68.25	68.56	69.35
63.0	63.29	81.81	73.93	71.50	68.46	65.62	58.29	59.95	60.37	60.78
66.0	54.56	69.22	63.06	62.19	59.86	57.75	50.65	52.05	52.45	52.46
69.0	45.86	56.02	52.64	52.96	51.37	49.82	43.00	44.25	44.37	44.69
72.0	37.46	44.10	42.85	43.68	42.89	41.75	35.34	36.13	36.55	36.63
75.0	29.09	33.91	33.92	35.33	34.23	33.61	27.71	28.33	29.07	28.83
78.0	22.19	24.50	25.86	27.36	26.69	25.75	20.40	21.05	21.96	21.95
81.0	16.66	17.89	19.02	20.27	19.79	18.75	13.96	14.44	15.56	15.17
84.0	11.51	12.52	13.29	14.33	13.99	12.97	8.489	8.704	9.994	9.689
87.0	6.377	7.088	8.360	9.445	8.582	7.515	3.506	3.582	4.875	4.766
90.0	4.974	4.903	5.082	5.186	5.220	5.041	1.562	1.675	1.807	1.892
93.0	4.860	4.797	5.017	5.148	5.142	4.935	1.738	1.793	1.995	1.987
96.0	4.766	4.753	4.986	5.092	5.067	4.834	1.951	1.987	2.189	2.200
99.0	4.691	4.735	4.954	5.054	4.992	4.747	2.145	2.207	2.409	2.420
102.0	4.647	4.735	4.923	5.029	4.917	4.647	2.371	2.426	2.628	2.621
105.0	4.628	4.747	4.904	4.954	4.854	4.628	2.591	2.658	2.860	2.821
108.0	4.628	4.741	4.891	4.954	4.798	4.628	2.823	2.903	3.112	3.066
111.0	4.628	4.760	4.891	4.954	4.791	4.634	3.080	3.179	3.400	3.373
114.0	4.653	4.797	4.897	5.004	4.791	4.678	3.362	3.492	3.751	3.743
117.0	4.734	4.873	5.004	5.118	4.878	4.772	3.727	3.924	4.172	4.187
120.0	4.853	5.030	5.179	5.299	5.079	4.923	4.216	4.388	4.667	4.708
123.0	5.128	5.262	5.436	5.582	5.367	5.187	4.818	5.002	5.238	5.272
126.0	5.492	5.626	5.805	5.959	5.755	5.557	5.515	5.667	5.860	5.874
129.0	6.018	6.110	6.281	6.436	6.244	6.053	6.268	6.382	6.518	6.501
132.0	6.657	6.712	6.864	6.981	6.839	6.674	7.001	7.090	7.157	7.116
135.0	7.397	7.408	7.510	7.608	7.498	7.377	7.672	7.705	7.753	7.680
138.0	8.200	8.173	8.212	8.280	8.206	8.123	8.236	8.251	8.273	8.182
141.0	8.996	8.914	8.902	8.932	8.914	8.882	8.681	8.678	8.706	8.577
144.0	9.792	9.684	9.598	9.608	9.623	9.646	9.037	9.035	9.069	8.929
147.0	10.51	10.38	10.24	10.20	10.27	10.35	9.326	9.324	9.382	9.205
150.0	11.16	11.01	10.78	10.73	10.85	11.00	9.576	9.581	9.633	9.431
153.0	11.68	11.56	11.23	11.16	11.31	11.57	9.790	9.794	9.852	9.588
156.0	12.13	11.96	11.55	11.46	11.66	12.00	10.01	10.01	10.04	9.720
159.0	12.45	12.23	11.71	11.67	11.89	12.32	10.20	10.21	10.18	9.801
162.0	12.57	12.26	11.76	11.68	12.01	12.43	10.39	10.39	10.30	9.864
165.0	12.55	12.15	11.74	11.68	12.03	12.39	10.47	10.51	10.39	9.914
168.0	12.26	11.84	11.57	11.61	11.97	12.20	10.47	10.58	10.47	10.02
171.0	11.80	11.45	11.38	11.53	11.78	11.85	10.37	10.59	10.57	10.22
174.0	11.29	11.07	11.24	11.43	11.56	11.41	10.26	10.59	10.72	10.51
177.0	10.89	10.85	11.20	11.36	11.33	10.94	10.33	10.59	10.95	10.88
180.0	10.64	10.77	11.16	11.24	11.03	10.59	10.58	10.76	11.14	11.20
G/C	300.0	330.0								
0.0	4435	4433								
3.0	4179	4266								
6.0	3588	3715								
9.0	2691	2837								
12.0	1804	1828								
15.0	1148	1071								
18.0	714.1	626.2								
21.0	465.4	421.8								
24.0	331.0	309.8								
27.0	256.4	241.4								
30.0	212.1	201.9								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-08

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:

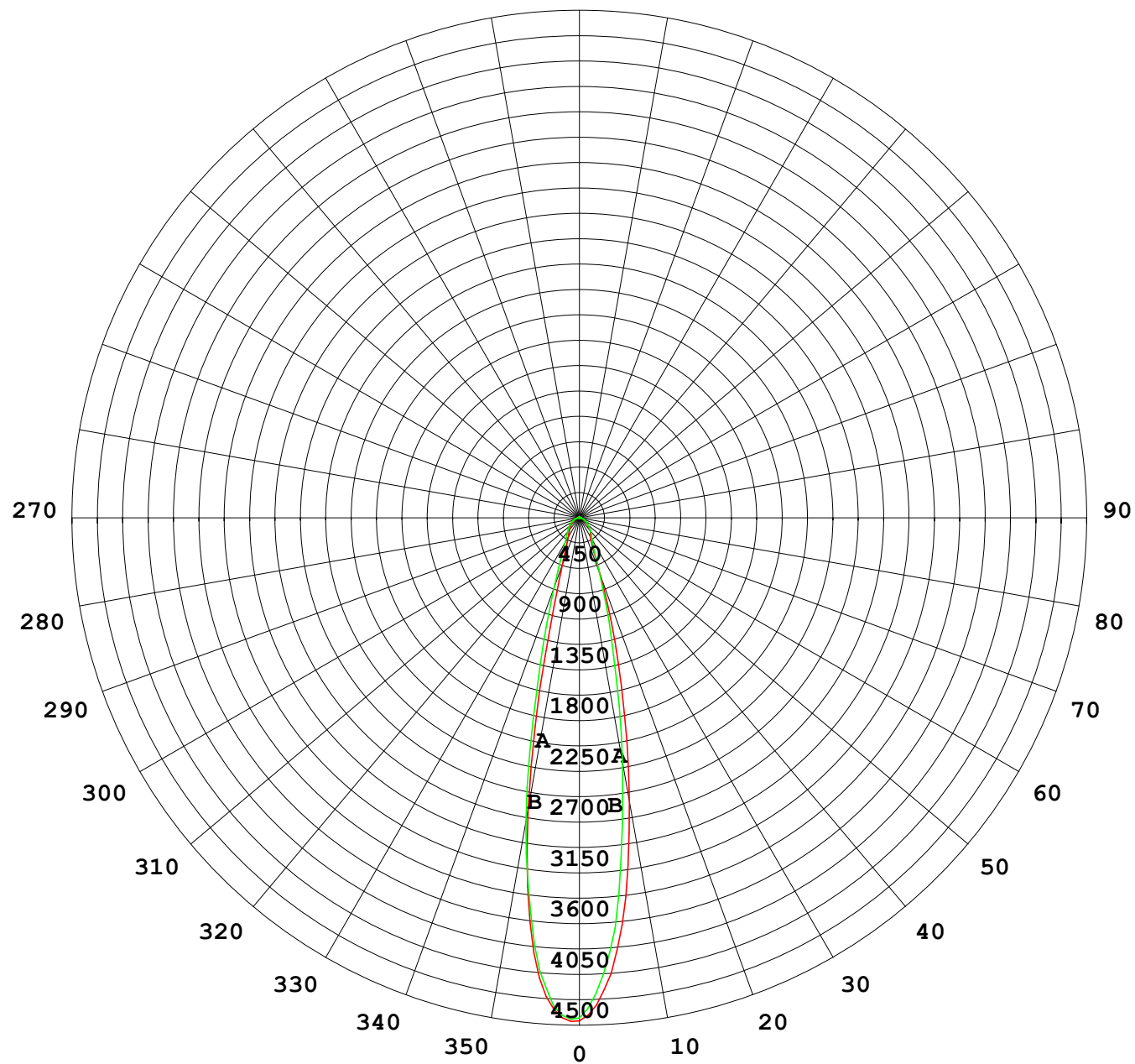
Photometric Data Table [cd]

33.0	185.2	177.1
36.0	167.9	159.8
39.0	153.5	146.3
42.0	137.8	133.2
45.0	121.5	120.3
48.0	107.7	109.2
51.0	96.64	101.1
54.0	86.83	92.56
57.0	77.91	85.41
60.0	69.44	77.22
63.0	61.36	68.81
66.0	53.31	59.20
69.0	45.19	48.40
72.0	36.74	38.07
75.0	28.64	27.91
78.0	21.18	19.65
81.0	14.70	13.58
84.0	9.154	8.006
87.0	4.464	3.318
90.0	1.769	1.599
93.0	1.932	1.724
96.0	2.114	1.931
99.0	2.315	2.113
102.0	2.509	2.332
105.0	2.741	2.558
108.0	2.999	2.790
111.0	3.287	3.078
114.0	3.639	3.392
117.0	4.065	3.818
120.0	4.555	4.306
123.0	5.138	4.896
126.0	5.772	5.554
129.0	6.436	6.262
132.0	7.076	6.971
135.0	7.684	7.605
138.0	8.204	8.151
141.0	8.630	8.577
144.0	8.987	8.904
147.0	9.269	9.180
150.0	9.489	9.406
153.0	9.652	9.607
156.0	9.764	9.795
159.0	9.758	9.920
162.0	9.739	9.958
165.0	9.732	9.958
168.0	9.733	9.858
171.0	9.821	9.764
174.0	10.08	9.745
177.0	10.52	10.03
180.0	11.03	10.51

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-08

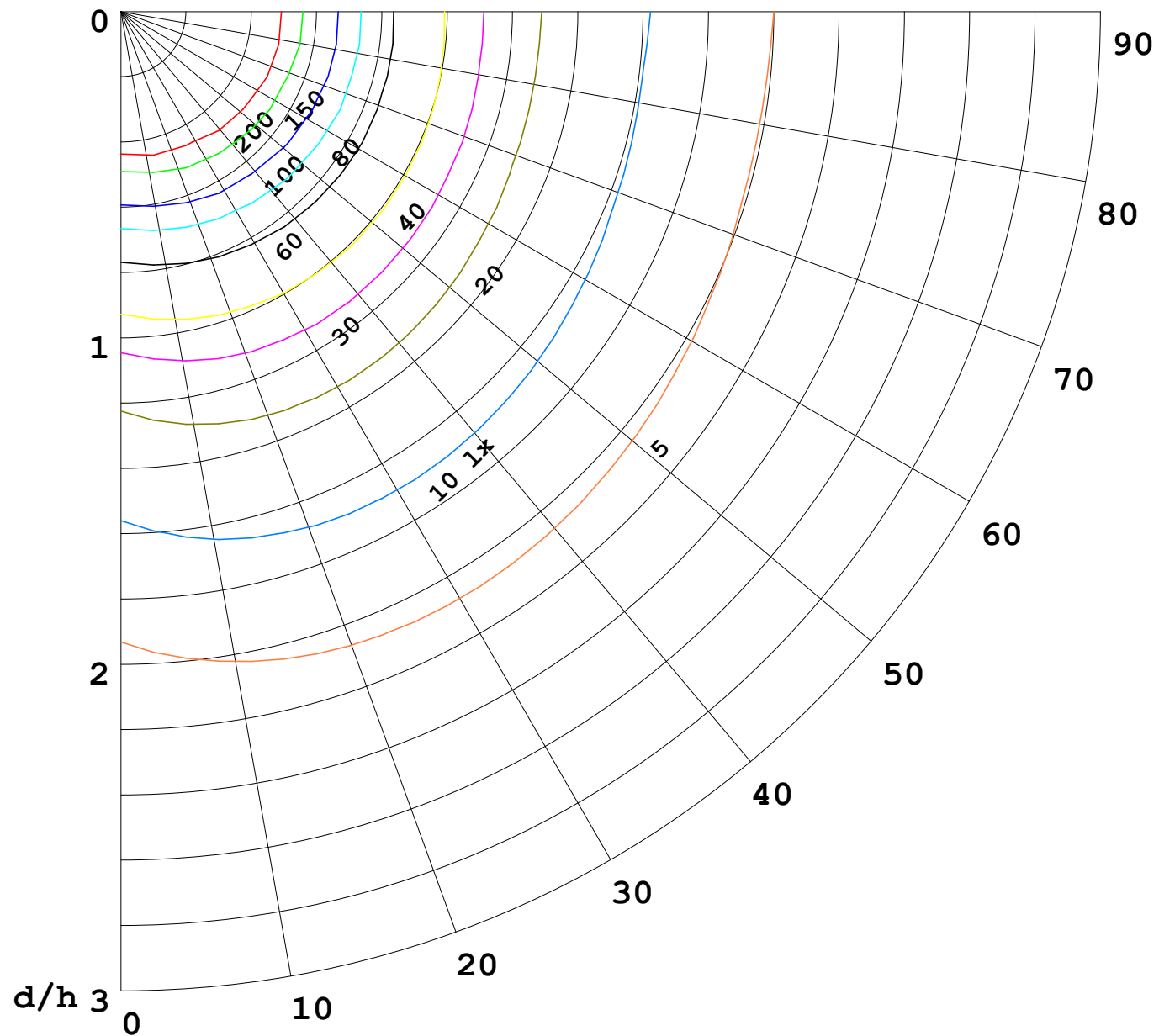
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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

