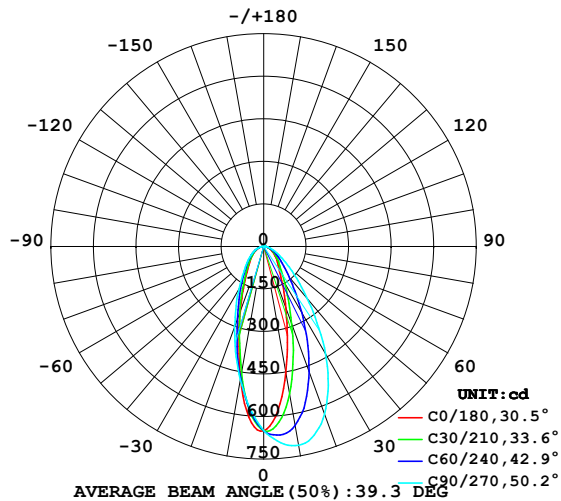


LUMINAIRE PHOTOMETRIC TEST REPORT

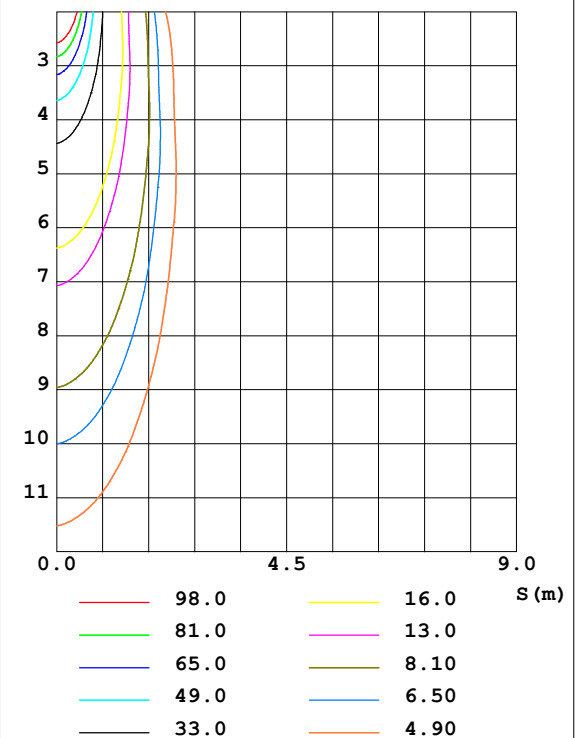
Test:U:24.00V I:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 30.91 lm/W			
MODEL		I _{max} (cd)	711.4	S/MH (C0/180)	0.49
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.03
RATED VOLTAGE (V)		TOTAL FLUX (lm)	569.04	η UP, DN (C0-180)	1.6, 55.9
NOMINAL FLUX (lm)	569.044	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 41.1
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	97.1	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



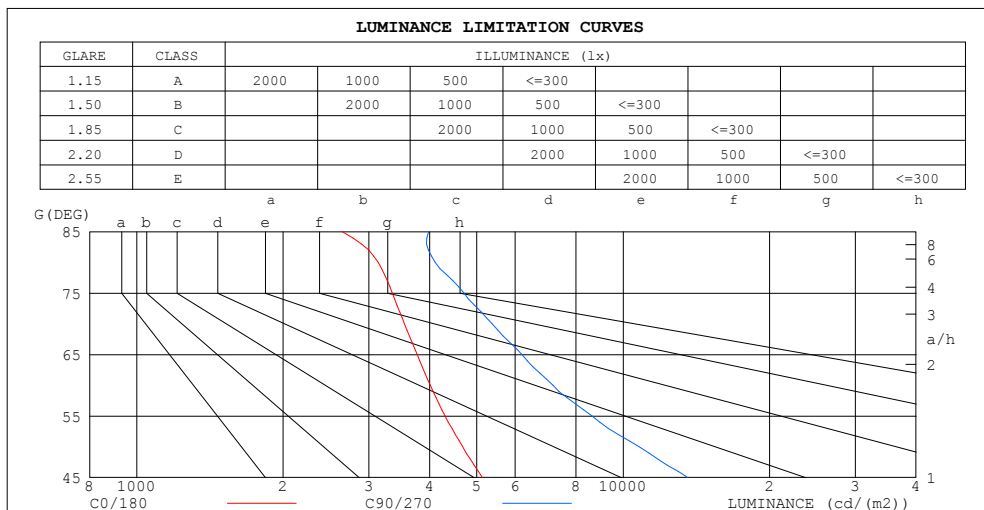
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-12

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	451.7	583.7	711.4	594.5	472.8	462.5	478.6	448.8	0- 10	55.57	55.57	9.76,9.76
20	228.6	379.2	629.3	377.4	243.8	259.9	300.2	252.3	10- 20	117.0	172.5	30.3,30.3
30	120.3	209.5	436.9	204.1	128.9	148.3	174.1	144.9	20- 30	115.4	287.9	50.6,50.6
40	78.15	114.2	240.1	111.4	80.25	92.34	104.6	91.21	30- 40	90.30	378.2	66.5,66.5
50	54.11	69.52	124.6	69.55	55.53	61.41	69.37	59.71	40- 50	67.25	445.5	78.3,78.3
60	36.12	44.05	64.49	45.86	37.36	40.98	44.47	39.53	50- 60	49.35	494.9	87,87
70	21.85	25.48	33.11	26.79	22.56	24.15	25.76	23.13	60- 70	33.67	528.5	92.9,92.9
80	9.794	11.04	12.83	11.50	8.855	9.913	10.12	9.415	70- 80	18.52	547.0	96.1,96.1
90	1.973	2.074	2.289	2.095	0.6803	0.9140	1.180	0.9080	80- 90	5.351	552.4	97.1,97.1
100	1.967	2.155	2.465	2.167	0.9536	1.236	1.524	1.205	90-100	1.738	554.1	97.4,97.4
110	2.064	2.289	2.593	2.271	1.324	1.691	1.924	1.667	100-110	1.938	556.1	97.7,97.7
120	2.325	2.511	2.787	2.495	1.846	2.295	2.513	2.240	110-120	2.150	558.2	98.1,98.1
130	2.853	2.893	3.103	2.890	2.581	2.954	3.066	2.878	120-130	2.355	560.6	98.5,98.5
140	3.636	3.452	3.534	3.464	3.322	3.549	3.533	3.415	130-140	2.467	563.0	98.9,98.9
150	4.377	4.065	4.020	4.095	3.832	4.016	3.898	3.786	140-150	2.350	565.4	99.4,99.4
160	4.784	4.535	4.457	4.587	4.178	4.371	4.213	3.989	150-160	1.941	567.3	99.7,99.7
170	4.833	4.730	4.766	4.772	4.414	4.605	4.578	4.238	160-170	1.274	568.6	99.9,99.9
180	4.663	4.803	4.869	4.705	4.602	4.797	4.827	4.678	170-180	0.4448	569.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2640	3983
80	3133	4104
75	3353	4708
70	3549	5377
65	3772	6190
60	4013	7166
55	4306	8622
50	4676	10771
45	5141	13590

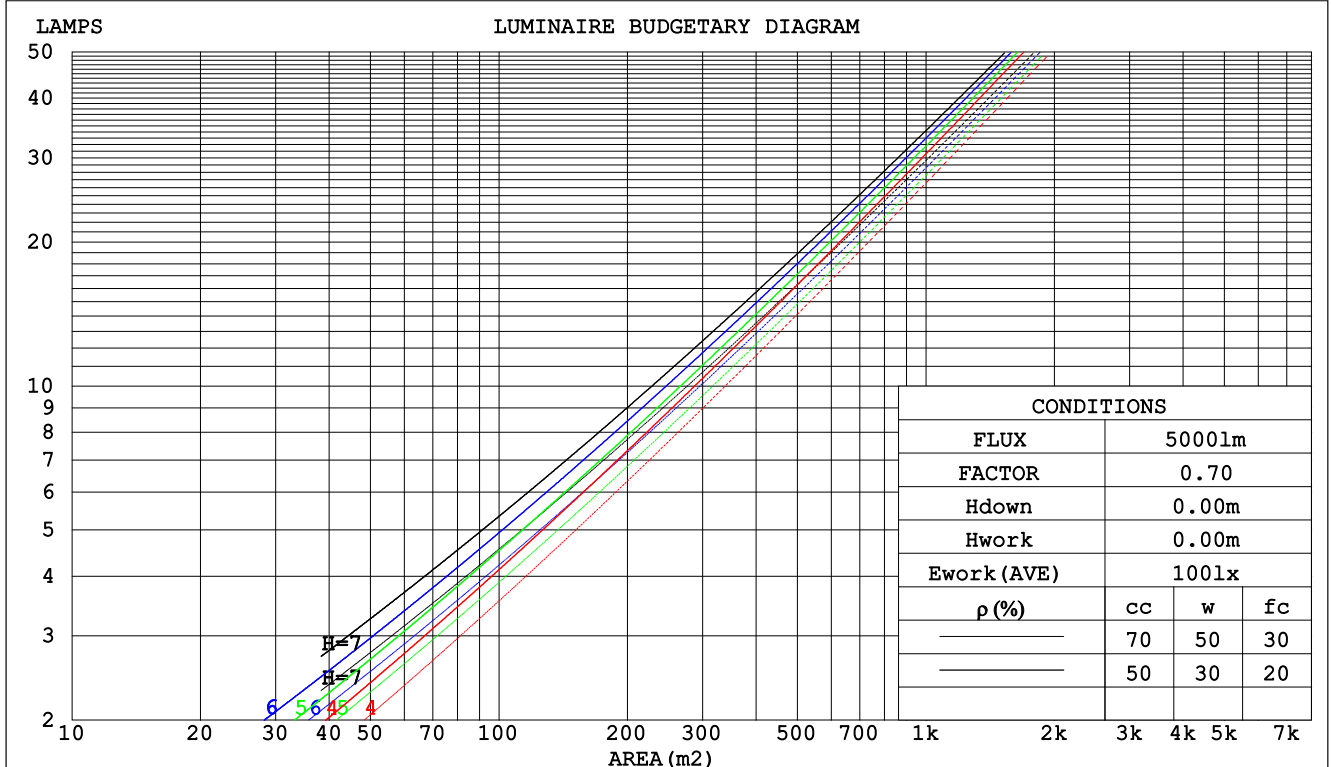
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-12

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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-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						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	1.07	1.04	1.01	1.04	1.01	.99	.00	.97	.95	.95	.93	.92	.91	.90	.89	.86
2.0	.97	.91	.87	.95	.90	.86	.91	.87	.83	.87	.84	.81	.84	.81	.79	.77
3.0	.88	.81	.76	.86	.80	.76	.83	.78	.74	.80	.76	.72	.77	.74	.71	.69
4.0	.80	.73	.68	.79	.73	.68	.76	.71	.66	.74	.69	.65	.72	.67	.64	.62
5.0	.74	.67	.62	.73	.66	.61	.71	.65	.60	.68	.63	.59	.67	.62	.59	.57
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.54	.62	.57	.54	.52
7.0	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.54	.50	.58	.53	.50	.48
8.0	.60	.53	.48	.59	.52	.48	.57	.51	.47	.56	.51	.47	.55	.50	.46	.45
9.0	.56	.49	.44	.55	.49	.44	.54	.48	.44	.53	.47	.44	.52	.47	.43	.42
10.0	.53	.46	.42	.52	.46	.41	.51	.45	.41	.50	.45	.41	.49	.44	.41	.39



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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm					
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-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	.239	.136	.043	.231	.132	.042	.216	.124	.040	.203	.117	.038	.190	.110	.036		
2.0	.225	.124	.038	.219	.120	.037	.206	.115	.036	.194	.109	.034	.184	.104	.033		
3.0	.211	.112	.034	.205	.110	.033	.194	.105	.032	.184	.101	.031	.174	.096	.030		
4.0	.197	.102	.030	.192	.100	.030	.182	.096	.029	.173	.093	.028	.164	.089	.027		
5.0	.184	.094	.027	.179	.092	.027	.171	.089	.026	.163	.086	.026	.155	.083	.025		
6.0	.172	.086	.025	.168	.085	.024	.161	.082	.024	.153	.080	.023	.147	.077	.023		
7.0	.162	.080	.023	.158	.079	.022	.151	.077	.022	.145	.074	.022	.139	.072	.021		
8.0	.153	.075	.021	.149	.074	.021	.143	.072	.020	.137	.070	.020	.132	.068	.020		
9.0	.144	.070	.019	.141	.069	.019	.136	.067	.019	.130	.065	.019	.125	.064	.018		
10.0	.137	.066	.018	.134	.065	.018	.129	.063	.018	.124	.062	.018	.120	.060	.017		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.198	.179	.162	.169	.154	.140	.116	.106	.097	.067	.061	.056	.021	.020	.018	
2.0	.186	.155	.129	.159	.133	.111	.109	.092	.078	.063	.054	.045	.020	.017	.015	
3.0	.176	.137	.105	.151	.118	.091	.103	.082	.064	.060	.048	.038	.019	.016	.012	
4.0	.167	.123	.089	.143	.106	.077	.098	.074	.054	.057	.043	.032	.018	.014	.011	
5.0	.159	.112	.077	.136	.097	.067	.094	.068	.047	.054	.040	.028	.018	.013	.009	
6.0	.151	.103	.068	.130	.089	.059	.090	.062	.042	.052	.037	.025	.017	.012	.008	
7.0	.145	.096	.061	.124	.083	.053	.086	.058	.038	.050	.034	.023	.016	.011	.007	
8.0	.138	.090	.056	.119	.078	.049	.082	.055	.035	.048	.032	.021	.016	.011	.007	
9.0	.133	.085	.052	.114	.073	.045	.079	.052	.032	.046	.030	.019	.015	.010	.006	
10.0	.128	.080	.049	.110	.070	.042	.076	.049	.030	.045	.029	.018	.014	.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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm											
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-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	15.8	17.0	16.1	17.2	17.5	19.2	20.4	19.5	20.6	20.9	
	3H	17.0	18.1	17.3	18.3	18.6	20.1	21.2	20.4	21.4	21.7
	4H	17.5	18.5	17.8	18.8	19.1	20.4	21.5	20.8	21.7	22.0
	6H	17.9	18.8	18.2	19.1	19.4	20.7	21.6	21.0	21.9	22.3
	8H	18.0	18.9	18.4	19.2	19.6	20.8	21.7	21.1	22.0	22.3
	12H	18.1	18.9	18.4	19.3	19.6	20.8	21.7	21.2	22.0	22.4
4H	2H	16.5	17.5	16.9	17.8	18.1	19.3	20.4	19.7	20.6	20.9
	3H	17.8	18.7	18.2	19.0	19.4	20.4	21.3	20.8	21.6	21.9
	4H	18.4	19.2	18.8	19.6	20.0	20.8	21.6	21.2	22.0	22.4
	6H	18.9	19.6	19.4	20.0	20.5	21.2	21.9	21.6	22.3	22.7
	8H	19.1	19.8	19.6	20.2	20.6	21.3	22.0	21.8	22.4	22.8
	12H	19.2	19.8	19.7	20.3	20.7	21.4	22.1	21.9	22.5	22.9
8H	4H	18.7	19.4	19.2	19.8	20.2	20.9	21.6	21.3	22.0	22.4
	6H	19.4	19.9	19.8	20.4	20.8	21.4	21.9	21.9	22.4	22.9
	8H	19.6	20.1	20.1	20.6	21.1	21.6	22.1	22.1	22.5	23.1
	12H	19.8	20.2	20.3	20.7	21.3	21.8	22.2	22.3	22.7	23.2
12H	4H	18.7	19.3	19.2	19.8	20.2	20.9	21.5	21.3	21.9	22.4
	6H	19.4	19.9	19.9	20.4	20.9	21.4	21.9	21.9	22.3	22.9
	8H	19.7	20.2	20.3	20.7	21.2	21.6	22.0	22.1	22.5	23.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.9 / - 0.5					
1.5H	+ 0.2 / - 0.3					+ 1.6 / - 0.9					
2.0H	+ 0.2 / - 0.5					+ 2.0 / - 1.1					

CIE Pub.117 Corrected 569.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.0)

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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

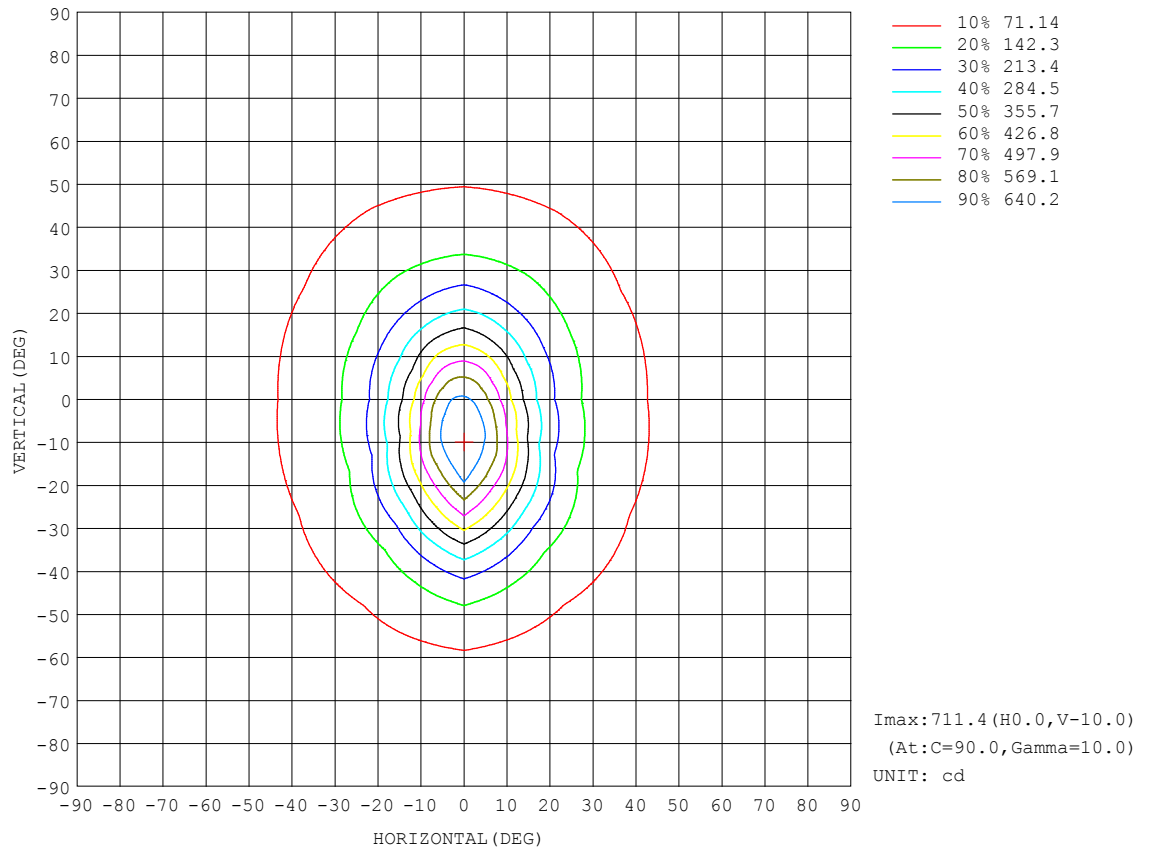
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	71	62	56	70	61	56	69	61	56	51
0.80	80	71	65	79	70	65	77	69	64	59
1.00	86	78	72	85	77	72	83	78	71	65
1.25	92	84	79	91	83	78	88	82	77	71
1.50	96	88	83	94	87	83	91	86	81	75
2.00	101	94	89	99	93	88	95	91	87	80
2.50	104	98	93	102	96	92	98	93	90	82
3.00	106	101	97	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	102	99	97	88
5.00	111	107	104	108	105	102	104	101	99	90
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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

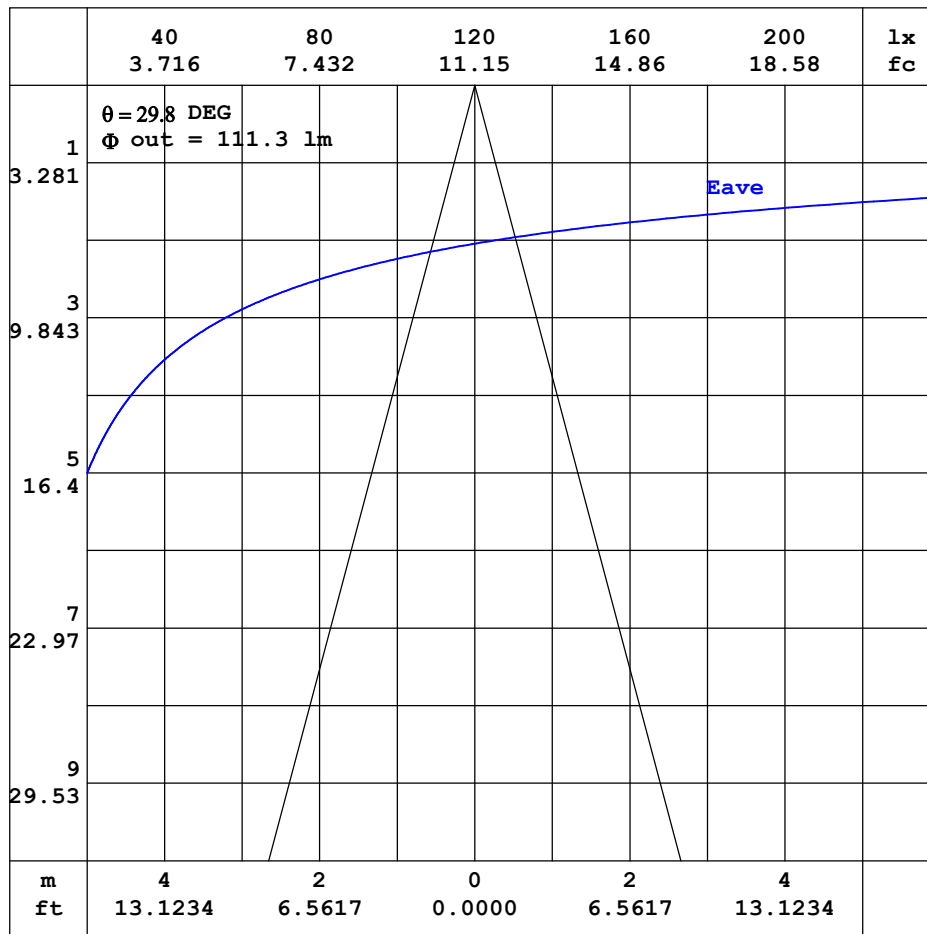


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-12

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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



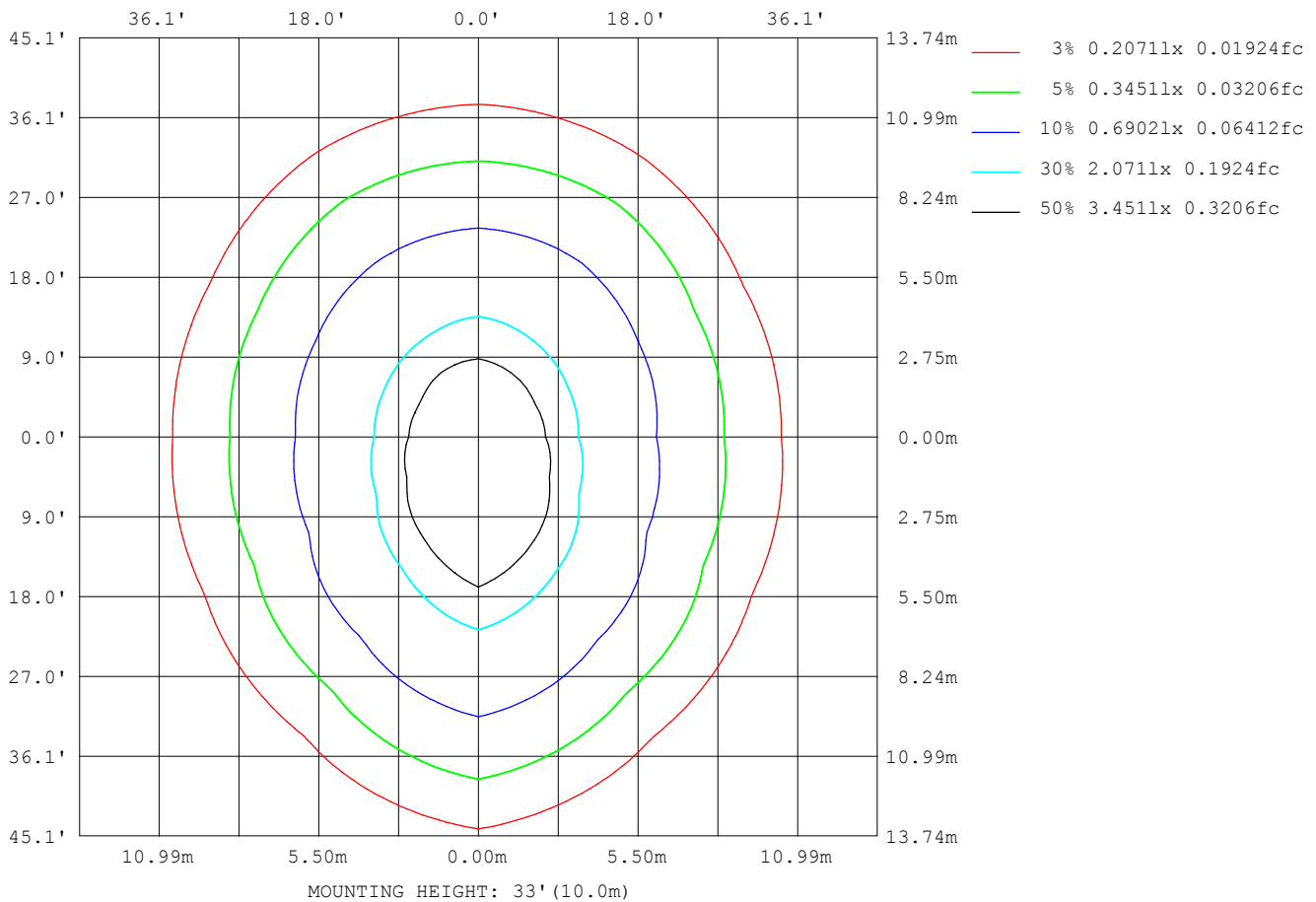
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

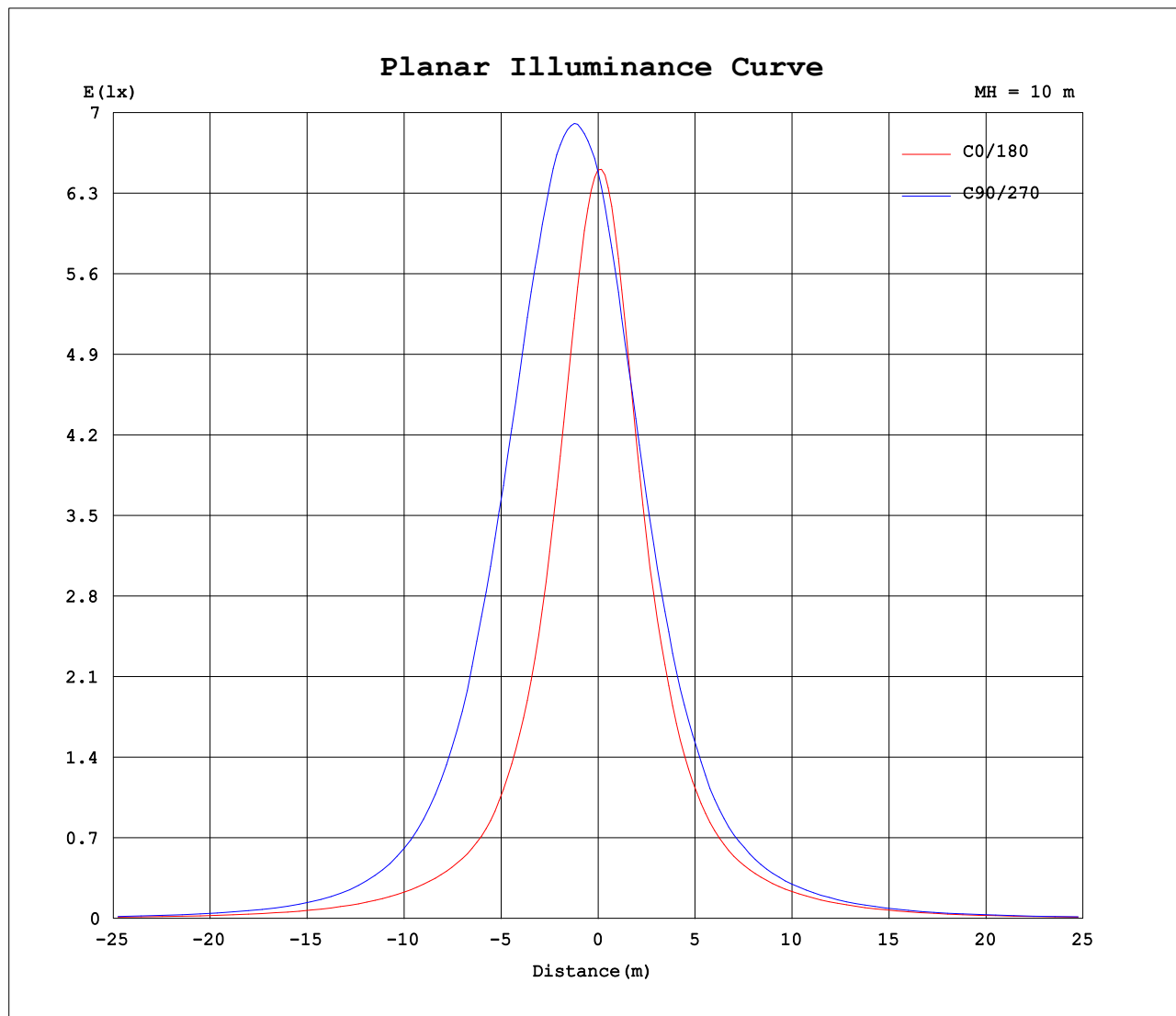
Test:U:24.00V I:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-B	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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:0.7671A P:18.41W PF:1.000 Lamp Flux:569.044x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-2040-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	650	650	651	649	650	648	650	650	651	649	650	648							
5	581	621	667	694	678	637	605	582	577	571	567	563							
10	452	527	640	711	651	538	473	455	470	479	459	439							
15	325	403	570	689	571	409	338	332	366	384	351	323							
20	229	290	469	629	458	297	244	249	271	300	266	238							
25	166	206	363	540	348	212	175	183	208	231	203	176							
30	120	150	268	437	256	152	129	136	161	174	157	133							
35	95.1	111	193	328	186	114	98.9	106	124	133	124	102							
40	78.2	89.0	139	240	134	88.7	80.3	85.3	99.4	105	101	81.3							
45	65.4	73.5	103	173	99.6	72.9	66.8	69.0	81.9	84.8	80.2	66.5							
50	54.1	60.2	78.8	125	78.1	61.0	55.5	56.8	66.1	69.4	64.6	54.8							
55	44.5	49.1	61.3	89.0	62.9	50.5	45.8	46.9	54.1	55.8	52.6	45.3							
60	36.1	39.9	48.2	64.5	50.5	41.2	37.4	38.1	43.9	44.5	42.3	36.8							
65	28.7	31.4	37.3	47.1	39.0	32.7	29.6	30.2	33.9	34.7	33.0	28.9							
70	21.8	23.6	27.3	33.1	28.7	24.9	22.6	23.0	25.3	25.8	24.6	21.7							
75	15.6	16.8	18.7	21.9	19.7	17.8	15.7	16.1	17.5	17.5	16.8	15.0							
80	9.79	10.6	11.5	12.8	12.1	10.9	8.86	9.40	10.4	10.1	9.83	9.00							
85	4.14	5.05	5.68	6.25	5.90	4.60	2.74	2.94	4.43	3.92	4.09	3.30							
90	1.97	2.00	2.15	2.29	2.17	2.02	0.68	0.80	1.03	1.18	1.02	0.80							
95	1.97	2.04	2.16	2.39	2.19	2.05	0.81	0.90	1.21	1.31	1.19	0.87							
100	1.97	2.08	2.23	2.47	2.26	2.08	0.95	1.06	1.41	1.52	1.38	1.03							
105	2.00	2.14	2.29	2.52	2.29	2.12	1.13	1.26	1.63	1.69	1.62	1.22							
110	2.06	2.22	2.36	2.59	2.36	2.19	1.32	1.52	1.86	1.92	1.87	1.46							
115	2.17	2.31	2.46	2.68	2.45	2.27	1.55	1.81	2.16	2.21	2.14	1.74							
120	2.32	2.43	2.59	2.79	2.57	2.42	1.85	2.13	2.46	2.51	2.44	2.05							
125	2.54	2.62	2.74	2.93	2.74	2.60	2.18	2.48	2.76	2.79	2.73	2.38							
130	2.85	2.84	2.94	3.10	2.94	2.84	2.58	2.83	3.07	3.07	3.03	2.73							
135	3.23	3.13	3.17	3.31	3.17	3.13	2.97	3.16	3.38	3.32	3.30	3.03							
140	3.64	3.47	3.44	3.53	3.45	3.47	3.32	3.45	3.64	3.53	3.53	3.30							
145	4.03	3.82	3.70	3.78	3.74	3.83	3.59	3.72	3.89	3.72	3.72	3.52							
150	4.38	4.17	3.96	4.02	4.02	4.17	3.83	3.93	4.10	3.90	3.87	3.70							
155	4.63	4.45	4.21	4.24	4.29	4.46	4.01	4.12	4.29	4.04	3.98	3.81							
160	4.78	4.66	4.41	4.46	4.50	4.68	4.18	4.30	4.44	4.21	4.07	3.90							
165	4.83	4.78	4.58	4.62	4.66	4.78	4.30	4.40	4.58	4.39	4.21	3.96							
170	4.83	4.77	4.69	4.77	4.77	4.77	4.41	4.51	4.70	4.58	4.41	4.06							
175	4.75	4.77	4.79	4.86	4.79	4.70	4.52	4.62	4.82	4.72	4.63	4.26							
180	4.66	4.75	4.86	4.87	4.81	4.60	4.60	4.74	4.86	4.83	4.82	4.54							

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	650.3	649.9	650.7	649.0	650.3	648.4	650.3	649.9	650.7	649.0
3.0	619.5	643.9	665.1	678.5	672.8	655.0	637.4	617.2	612.0	604.0
6.0	557.7	607.2	666.5	701.5	677.5	623.3	582.6	557.3	556.8	553.1
9.0	479.1	550.2	650.1	711.1	662.0	563.6	502.4	482.0	491.5	495.2
12.0	398.7	478.6	615.6	709.1	624.1	489.3	415.2	398.3	429.2	439.4
15.0	324.9	402.9	569.6	688.5	571.3	409.0	338.3	332.0	365.6	384.2
18.0	262.7	332.9	510.8	657.0	505.0	336.4	278.4	277.1	304.5	331.5
21.0	214.1	269.1	446.3	612.1	435.0	277.4	227.5	235.8	255.3	283.1
24.0	176.3	220.5	383.6	558.7	369.6	227.2	186.3	196.4	218.6	243.5
27.0	144.9	180.7	322.9	500.3	309.3	185.5	154.4	162.8	187.5	208.7
30.0	120.3	150.5	268.4	436.9	256.2	152.0	128.9	136.0	160.6	174.1
33.0	103.5	124.9	220.8	371.6	211.4	126.9	109.2	117.0	136.8	147.3
36.0	91.24	105.9	180.1	309.1	173.2	108.0	94.49	102.1	118.8	126.8
39.0	81.11	92.57	148.3	255.9	142.9	92.61	83.35	89.16	103.7	109.7
42.0	72.81	82.10	124.1	210.4	118.9	81.69	74.43	78.55	92.21	96.35
45.0	65.43	73.50	103.2	173.0	99.60	72.87	66.80	69.03	81.92	84.75
48.0	58.40	65.00	87.35	141.9	85.49	65.40	59.83	61.51	71.86	75.29
51.0	52.09	57.94	74.72	116.3	74.66	58.74	53.51	54.74	63.62	66.52
54.0	46.26	51.14	64.28	94.86	65.56	52.43	47.71	48.66	56.43	58.19
57.0	40.97	45.47	55.76	78.21	57.87	46.56	42.39	43.15	49.95	50.92
60.0	36.12	39.90	48.20	64.49	50.54	41.17	37.36	38.06	43.89	44.47
63.0	31.59	34.70	41.48	53.33	43.48	36.05	32.63	33.34	37.73	38.50
66.0	27.30	29.72	35.15	44.09	36.76	31.12	28.21	28.66	32.14	32.77
69.0	23.18	25.09	29.35	35.66	30.70	26.38	23.94	24.49	26.95	27.55
72.0	19.31	20.64	23.62	28.38	24.81	22.07	19.81	20.20	22.05	22.52
75.0	15.62	16.75	18.70	21.93	19.68	17.77	15.69	16.13	17.46	17.55
78.0	12.10	13.09	14.22	16.23	14.98	13.66	11.51	12.27	13.12	12.95
81.0	8.646	9.420	10.23	11.37	10.83	9.503	7.513	8.115	9.130	8.862
84.0	5.236	6.176	6.728	7.432	7.100	5.757	3.788	4.221	5.584	5.094
87.0	2.563	2.849	3.655	4.134	3.529	2.517	1.114	1.250	2.238	2.338
90.0	1.973	1.998	2.150	2.289	2.174	2.016	0.6803	0.7955	1.032	1.180
93.0	1.967	2.016	2.149	2.350	2.174	2.034	0.7533	0.8256	1.130	1.226
96.0	1.967	2.046	2.167	2.405	2.192	2.052	0.8443	0.9106	1.251	1.353
99.0	1.967	2.077	2.210	2.453	2.222	2.070	0.9292	1.014	1.367	1.481
102.0	1.967	2.107	2.258	2.489	2.259	2.089	1.014	1.141	1.494	1.597
105.0	1.997	2.143	2.295	2.520	2.289	2.119	1.130	1.263	1.628	1.694
108.0	2.040	2.192	2.367	2.568	2.343	2.156	1.239	1.408	1.755	1.833
111.0	2.082	2.234	2.386	2.605	2.368	2.198	1.361	1.572	1.925	1.973
114.0	2.161	2.283	2.447	2.660	2.440	2.253	1.506	1.760	2.095	2.155
117.0	2.222	2.350	2.507	2.714	2.483	2.326	1.658	1.924	2.290	2.337
120.0	2.325	2.435	2.586	2.787	2.574	2.417	1.846	2.130	2.460	2.513
123.0	2.440	2.532	2.683	2.866	2.659	2.514	2.029	2.355	2.642	2.683
126.0	2.598	2.654	2.774	2.957	2.768	2.636	2.266	2.556	2.824	2.847
129.0	2.780	2.793	2.902	3.066	2.890	2.787	2.508	2.768	3.012	3.023
132.0	2.998	2.957	3.029	3.176	3.035	2.957	2.745	2.968	3.200	3.163
135.0	3.229	3.134	3.175	3.309	3.175	3.133	2.970	3.157	3.376	3.321
138.0	3.478	3.334	3.333	3.437	3.345	3.346	3.188	3.339	3.540	3.454
141.0	3.721	3.540	3.490	3.583	3.515	3.547	3.383	3.515	3.698	3.570
144.0	3.958	3.747	3.649	3.722	3.685	3.765	3.552	3.661	3.844	3.691
147.0	4.176	3.965	3.812	3.880	3.855	3.965	3.698	3.800	3.977	3.800
150.0	4.377	4.166	3.964	4.020	4.019	4.172	3.832	3.934	4.099	3.898
153.0	4.541	4.354	4.116	4.159	4.189	4.348	3.947	4.043	4.220	3.977
156.0	4.681	4.499	4.250	4.287	4.323	4.512	4.050	4.153	4.317	4.086
159.0	4.772	4.633	4.383	4.408	4.450	4.645	4.147	4.244	4.414	4.189
162.0	4.821	4.724	4.486	4.524	4.583	4.748	4.232	4.335	4.499	4.286
165.0	4.833	4.778	4.578	4.621	4.657	4.784	4.299	4.402	4.584	4.389
168.0	4.833	4.778	4.644	4.712	4.717	4.784	4.378	4.493	4.657	4.493
171.0	4.833	4.772	4.705	4.779	4.790	4.742	4.439	4.535	4.718	4.596
174.0	4.779	4.766	4.778	4.851	4.790	4.699	4.499	4.596	4.785	4.687
177.0	4.718	4.766	4.821	4.869	4.797	4.632	4.578	4.687	4.857	4.790
180.0	4.663	4.748	4.857	4.869	4.809	4.602	4.602	4.736	4.857	4.827
G/C	300.0	330.0								
0.0	650.3	648.4								
3.0	604.8	603.7								
6.0	547.0	540.1								
9.0	480.9	462.5								
12.0	415.5	387.7								
15.0	351.3	323.0								
18.0	296.2	267.8								
21.0	251.4	223.9								
24.0	213.9	187.4								
27.0	182.0	157.5								
30.0	156.8	133.1								

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:

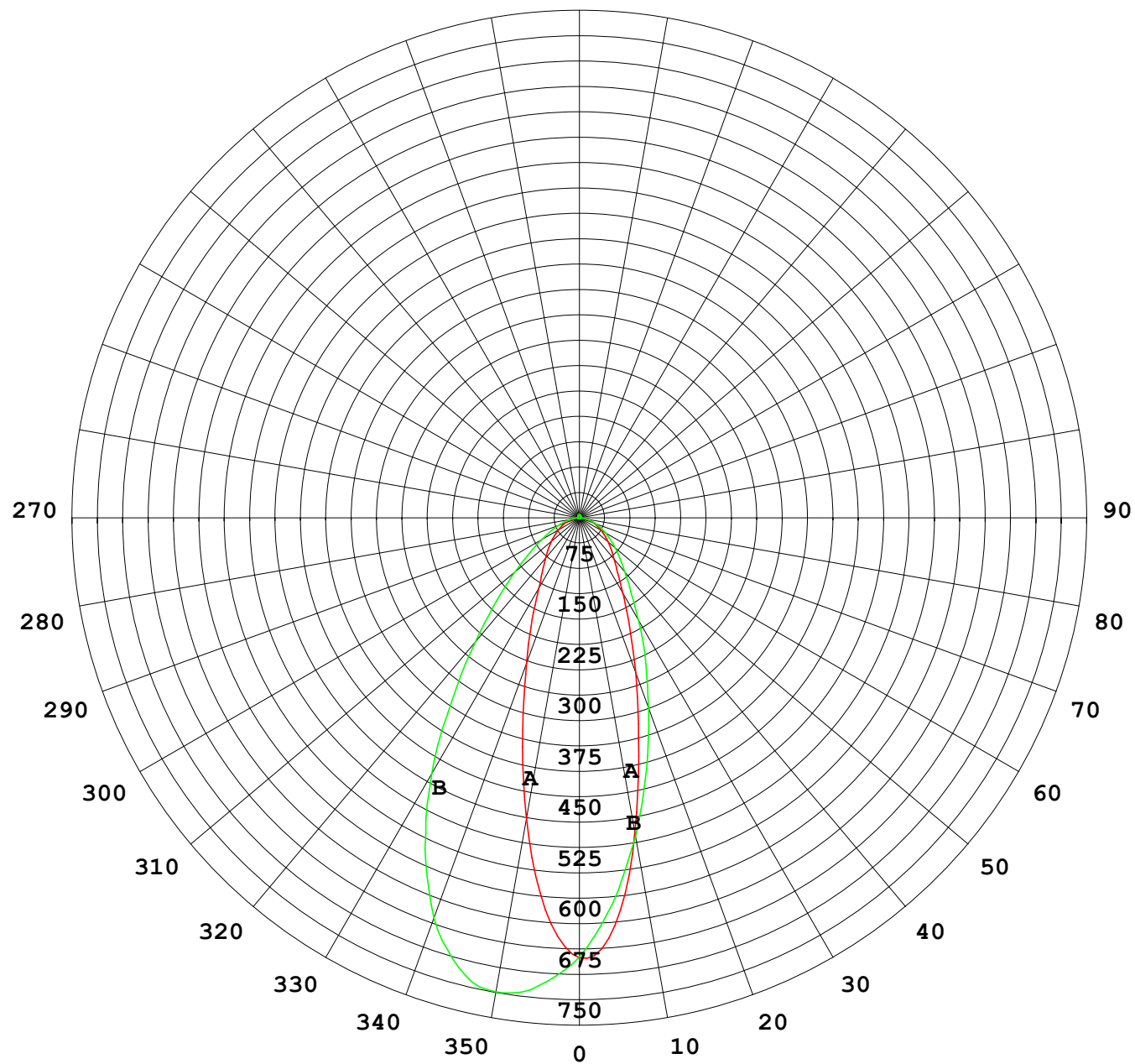
Photometric Data Table [cd]

33.0	135.4	112.6
36.0	118.8	97.02
39.0	105.1	84.80
42.0	92.87	75.28
45.0	80.21	66.48
48.0	70.04	59.29
51.0	62.15	52.85
54.0	54.94	47.00
57.0	48.31	41.73
60.0	42.27	36.79
63.0	36.55	31.97
66.0	31.28	27.33
69.0	26.21	23.17
72.0	21.35	19.00
75.0	16.80	15.03
78.0	12.49	11.41
81.0	8.596	7.920
84.0	5.136	4.401
87.0	2.306	1.555
90.0	1.020	0.7956
93.0	1.118	0.8075
96.0	1.221	0.8984
99.0	1.342	0.9954
102.0	1.476	1.099
105.0	1.622	1.220
108.0	1.768	1.366
111.0	1.931	1.511
114.0	2.083	1.675
117.0	2.259	1.863
120.0	2.435	2.045
123.0	2.617	2.252
126.0	2.800	2.452
129.0	2.976	2.653
132.0	3.146	2.853
135.0	3.303	3.029
138.0	3.443	3.193
141.0	3.577	3.345
144.0	3.686	3.479
147.0	3.783	3.606
150.0	3.868	3.703
153.0	3.941	3.764
156.0	3.989	3.831
159.0	4.050	3.898
162.0	4.123	3.934
165.0	4.214	3.965
168.0	4.329	4.013
171.0	4.457	4.104
174.0	4.591	4.213
177.0	4.718	4.377
180.0	4.821	4.535

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

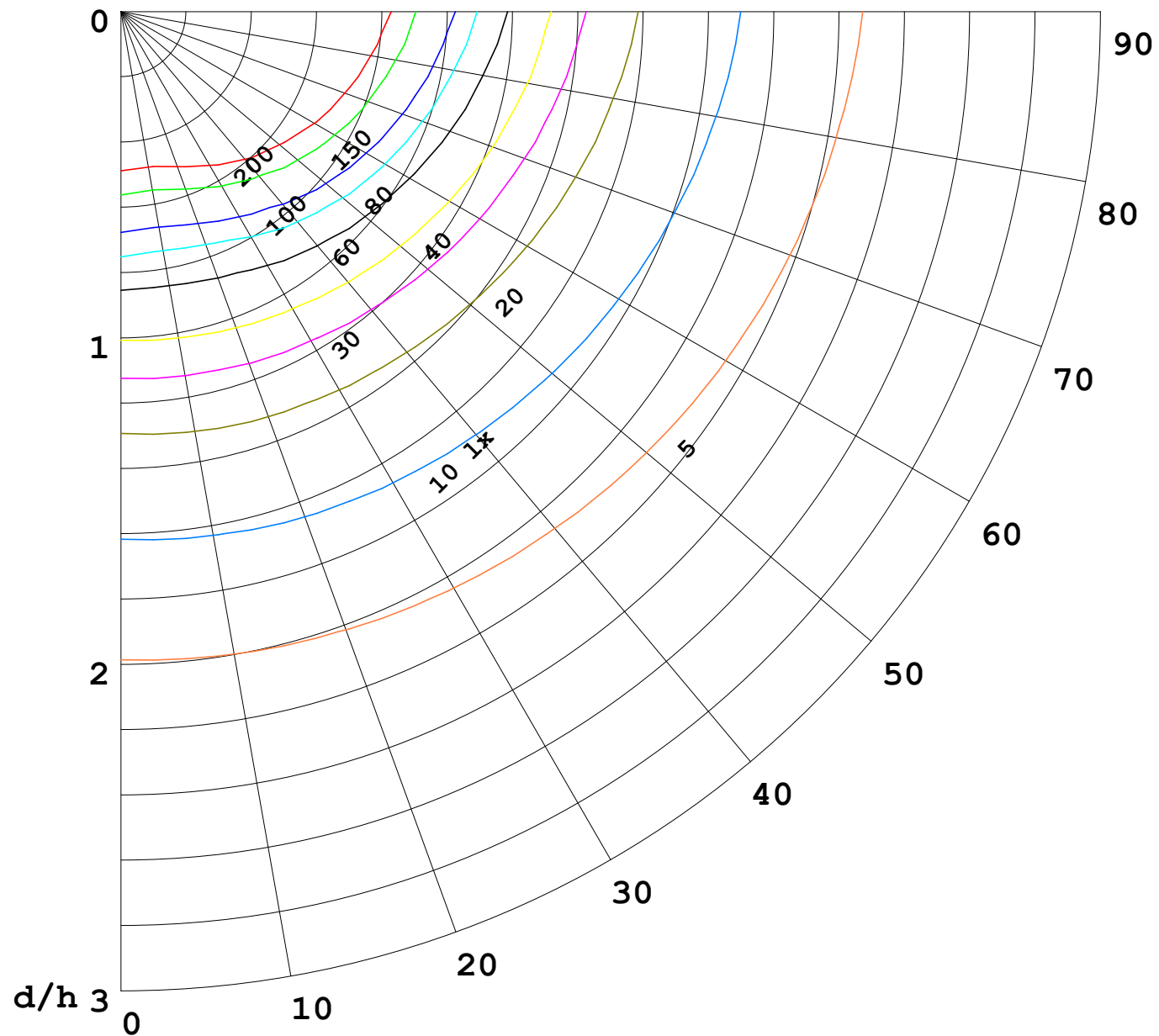
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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

