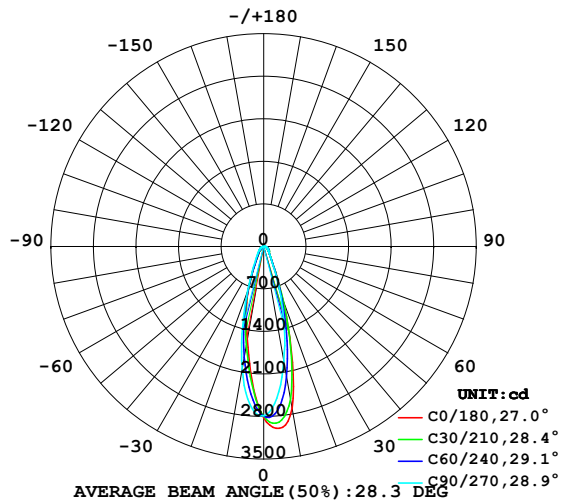


LUMINAIRE PHOTOMETRIC TEST REPORT

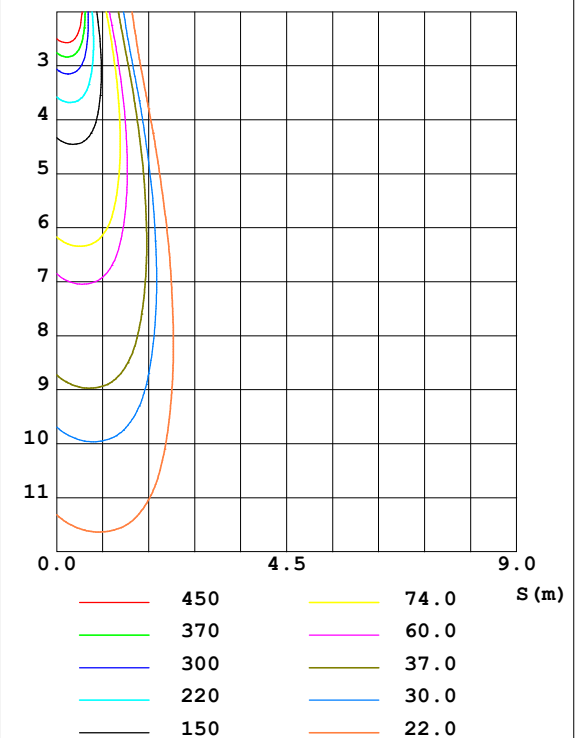
Test:U:24.00V I:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.28 lm/W			
MODEL	3535	I _{max} (cd)	3004	S/MH (C0/180)	0.53
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.48
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1219.3	η UP, DN (C0-180)	1.7, 49.2
NOMINAL FLUX (lm)	1219.34	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 47.8
LAMPS INSIDE	1	η up (%)	3.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	97.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



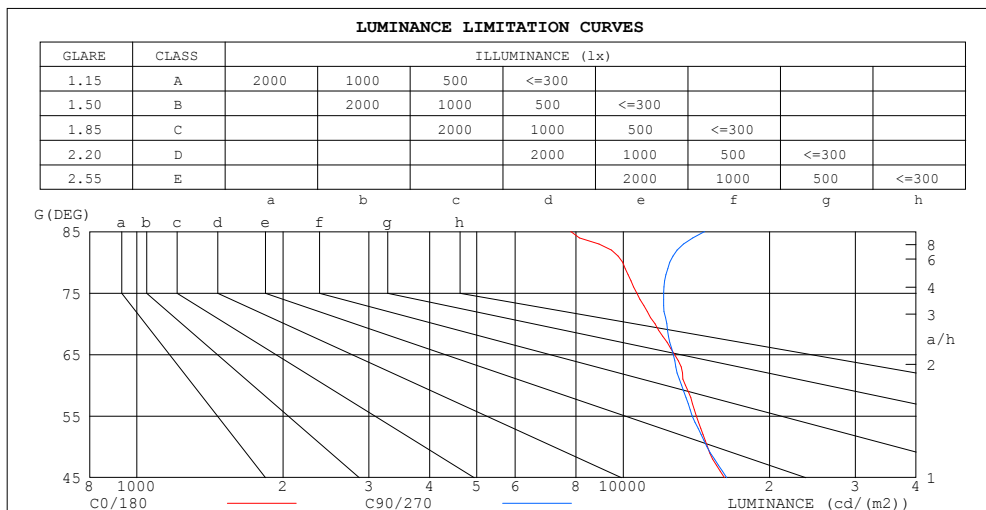
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-20

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	2698	2362	1921	1637	1571	1754	2052	2484	0- 10	229.4	229.4	18.8,18.8
20	916.1	889.7	781.5	714.8	725.4	741.2	770.9	892.2	10- 20	380.0	609.4	50,50
30	259.4	265.2	256.6	230.8	229.0	226.5	278.1	282.2	20- 30	206.2	815.6	66.9,66.9
40	140.4	144.5	141.4	128.2	118.9	125.8	151.8	152.7	30- 40	113.5	929.1	76.2,76.2
50	95.83	102.6	95.58	88.43	78.47	87.46	100.4	107.5	40- 50	88.04	1017	83.4,83.4
60	67.09	75.53	65.92	64.02	53.47	62.91	66.92	77.38	50- 60	72.51	1090	89.4,89.4
70	39.77	44.56	42.03	40.10	31.66	37.20	40.58	43.90	60- 70	53.55	1143	93.8,93.8
80	17.33	20.14	21.66	18.75	12.33	15.03	18.72	16.93	70- 80	30.10	1173	96.2,96.2
90	4.842	4.846	5.023	4.852	1.522	1.627	1.791	1.497	80- 90	9.476	1183	97,97
100	4.565	4.648	4.914	4.692	2.163	2.239	2.293	2.031	90-100	3.614	1186	97.3,97.3
110	4.470	4.637	4.936	4.703	3.008	3.079	3.049	2.825	100-110	3.814	1190	97.6,97.6
120	4.775	5.034	5.424	5.274	4.537	4.510	4.359	4.055	110-120	4.185	1194	98,98
130	5.895	6.235	6.779	6.792	6.583	6.414	6.121	5.831	120-130	4.907	1199	98.4,98.4
140	7.983	8.237	8.723	8.910	8.257	8.128	7.854	7.688	130-140	5.616	1205	98.8,98.8
150	10.26	10.27	10.43	10.78	9.334	9.246	8.983	8.922	140-150	5.674	1211	99.3,99.3
160	11.62	11.34	11.18	11.57	9.915	9.813	9.464	9.431	150-160	4.730	1215	99.7,99.7
170	11.66	11.15	11.02	11.17	9.923	10.02	9.849	9.661	160-170	2.997	1218	99.9,99.9
180	10.76	10.74	10.85	10.50	10.72	10.68	10.80	10.46	170-180	1.005	1219	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7808	14706
80	9977	12471
75	10670	12120
70	11627	12288
65	12755	12682
60	13418	13183
55	14132	13866
50	14908	14869
45	16145	16320

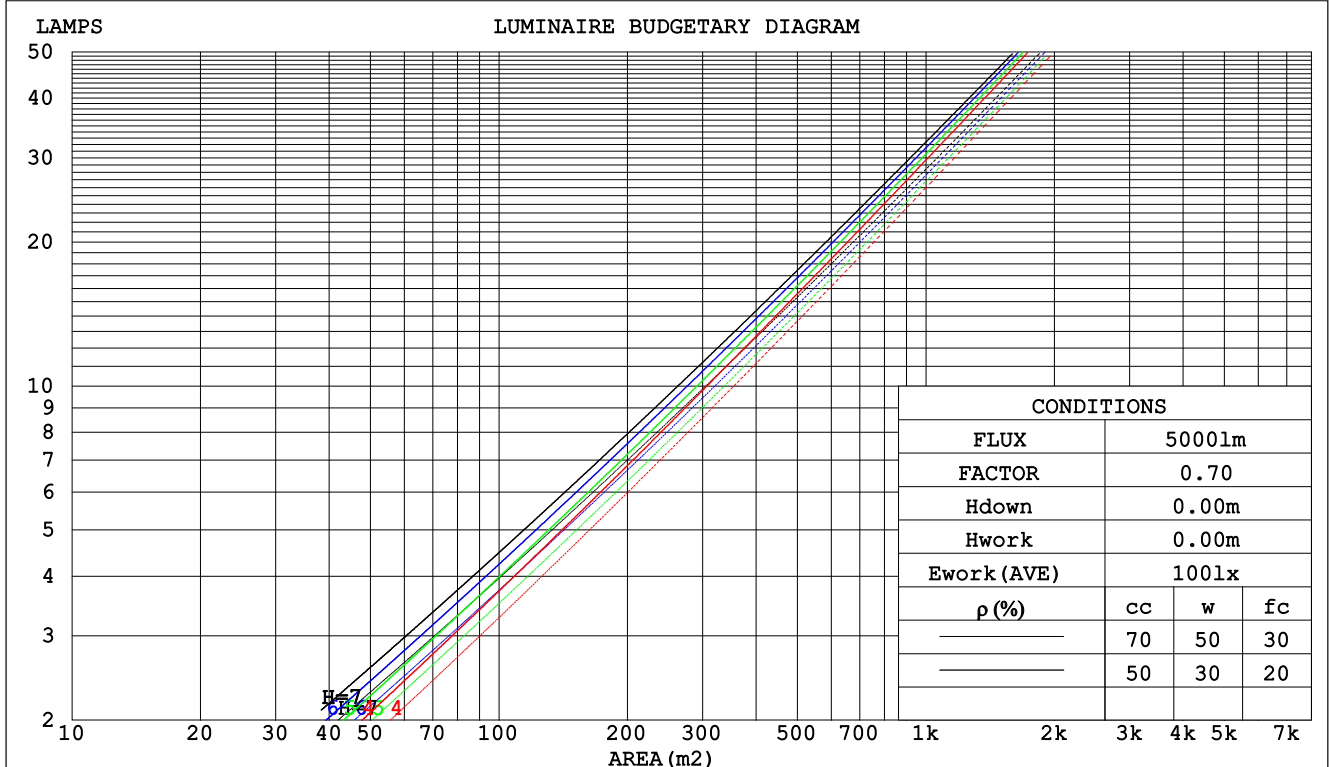
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	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	1.03	1.01	1.01	.99	.97	.97	.96	.94	.93	.92	.91	.89
2.0	.00	.95	.92	.98	.94	.90	.94	.91	.88	.91	.88	.86	.88	.85	.83	.81
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.82	.80	.77	.75
4.0	.87	.81	.76	.85	.80	.75	.83	.78	.74	.80	.76	.73	.78	.75	.72	.70
5.0	.81	.75	.71	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.70	.67	.66
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.73	.67	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.57	.56
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.62	.58	.55	.54
10.0	.63	.57	.54	.62	.57	.53	.61	.57	.53	.61	.56	.53	.60	.56	.53	.51



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm					
NAME: SFW20-24V-3535-24-CC-2700K-80-25			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	.207	.117	.037	.199	.113	.036	.184	.106	.034	.171	.099	.032	.159	.092	.030		
2.0	.193	.106	.032	.187	.103	.032	.174	.097	.030	.163	.091	.029	.152	.086	.027		
3.0	.180	.096	.029	.174	.093	.028	.163	.088	.027	.153	.084	.026	.144	.080	.025		
4.0	.167	.087	.026	.162	.085	.025	.153	.081	.024	.144	.077	.023	.136	.074	.023		
5.0	.156	.080	.023	.152	.078	.023	.143	.075	.022	.136	.072	.021	.129	.069	.021		
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.128	.067	.020	.122	.064	.019		
7.0	.137	.068	.019	.134	.067	.019	.128	.064	.019	.121	.062	.018	.116	.060	.018		
8.0	.130	.063	.018	.127	.062	.018	.121	.060	.017	.115	.058	.017	.110	.057	.016		
9.0	.123	.059	.017	.120	.059	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015		
10.0	.117	.056	.016	.114	.055	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015		

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	.196	.180	.166	.168	.155	.142	.115	.106	.099	.066	.062	.057	.021	.020	.019	
2.0	.182	.156	.133	.156	.134	.115	.107	.093	.080	.062	.054	.047	.020	.017	.015	
3.0	.170	.137	.110	.146	.118	.096	.100	.082	.067	.058	.048	.040	.019	.016	.013	
4.0	.160	.123	.094	.137	.106	.082	.094	.074	.057	.055	.043	.034	.018	.014	.011	
5.0	.151	.111	.082	.130	.096	.071	.089	.067	.050	.052	.039	.030	.017	.013	.010	
6.0	.143	.102	.072	.123	.088	.063	.085	.062	.045	.049	.036	.027	.016	.012	.009	
7.0	.136	.094	.065	.117	.082	.057	.081	.057	.040	.047	.034	.024	.015	.011	.008	
8.0	.130	.088	.059	.112	.076	.052	.077	.054	.037	.045	.032	.022	.015	.010	.007	
9.0	.124	.083	.055	.107	.072	.048	.074	.050	.034	.043	.030	.020	.014	.010	.007	
10.0	.119	.078	.051	.102	.068	.045	.071	.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:2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm											
NAME: SFW20-24V-3535-24-CC-2700K-80-25					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	19.3	20.3	19.6	20.5	20.8	19.1	20.1	19.4	20.3	20.5	
	3H	20.6	21.5	20.9	21.8	22.0	20.4	21.3	20.8	21.6	21.9
	4H	21.1	21.9	21.4	22.2	22.5	21.1	21.9	21.4	22.2	22.5
	6H	21.5	22.3	21.8	22.6	22.9	21.6	22.4	21.9	22.7	23.0
	8H	21.6	22.4	21.9	22.7	23.0	21.8	22.6	22.2	22.9	23.2
	12H	21.6	22.4	22.0	22.7	23.0	22.0	22.8	22.4	23.1	23.4
4H	2H	20.0	20.8	20.3	21.1	21.4	19.8	20.6	20.1	20.9	21.2
	3H	21.4	22.2	21.8	22.5	22.8	21.3	22.1	21.7	22.4	22.7
	4H	22.0	22.7	22.4	23.1	23.4	22.0	22.7	22.4	23.1	23.4
	6H	22.5	23.1	22.9	23.5	23.9	22.7	23.3	23.1	23.7	24.1
	8H	22.7	23.2	23.1	23.6	24.1	23.0	23.5	23.4	24.0	24.4
	12H	22.7	23.3	23.2	23.7	24.1	23.2	23.8	23.7	24.2	24.7
8H	4H	22.3	22.8	22.7	23.2	23.7	22.3	22.9	22.7	23.3	23.7
	6H	22.9	23.4	23.4	23.8	24.3	23.1	23.6	23.6	24.0	24.5
	8H	23.1	23.6	23.6	24.0	24.5	23.5	23.9	24.0	24.4	24.9
	12H	23.3	23.6	23.8	24.1	24.7	23.9	24.3	24.4	24.8	25.3
12H	4H	22.3	22.8	22.8	23.2	23.7	22.3	22.8	22.8	23.2	23.7
	6H	23.0	23.4	23.5	23.8	24.4	23.2	23.6	23.7	24.1	24.6
	8H	23.3	23.6	23.8	24.1	24.6	23.6	24.0	24.1	24.5	25.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.5					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 1219 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.7)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

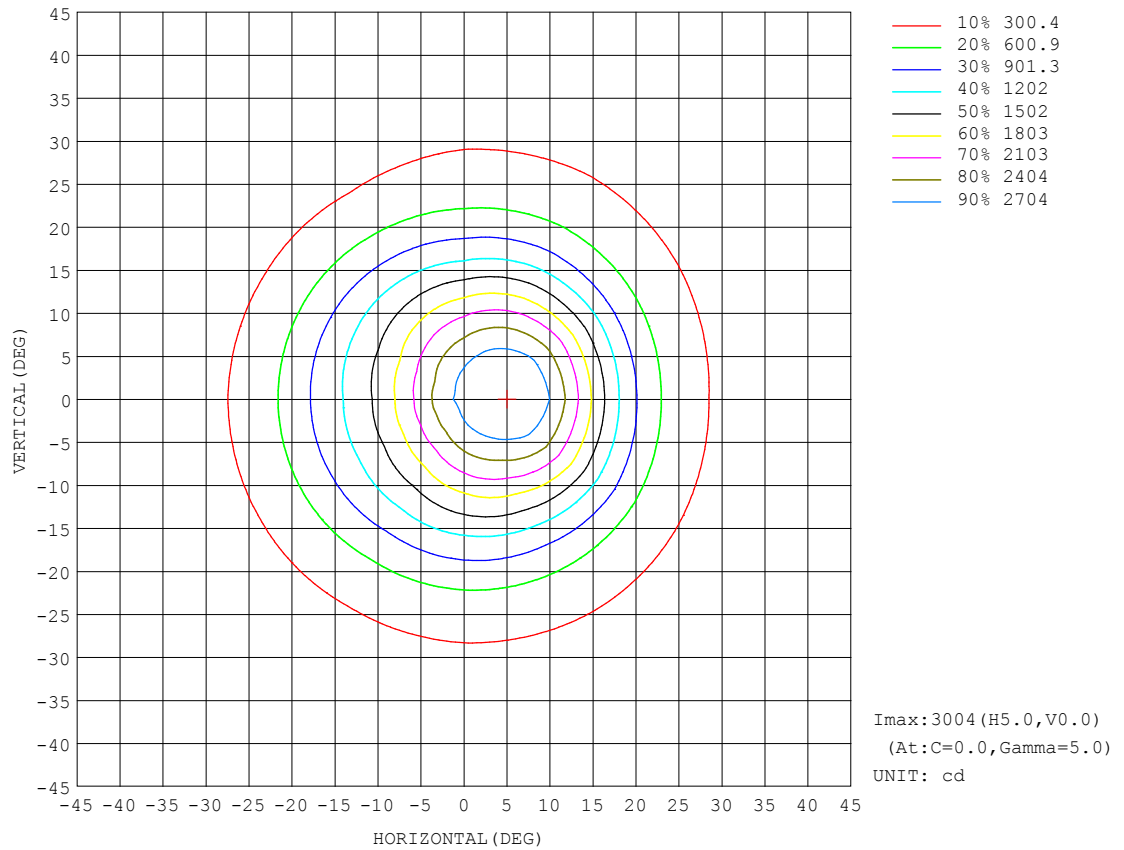
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	69	64	76	69	64	75	68	64	59
0.80	85	77	72	84	77	72	83	76	72	67
1.00	91	83	78	90	83	78	87	83	77	72
1.25	96	89	84	94	88	83	92	86	82	77
1.50	99	93	88	97	92	87	95	90	86	80
2.00	103	97	93	101	96	92	98	94	90	84
2.50	106	100	96	104	99	95	100	96	93	86
3.00	108	103	99	106	101	98	101	98	95	88
4.00	110	107	103	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					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

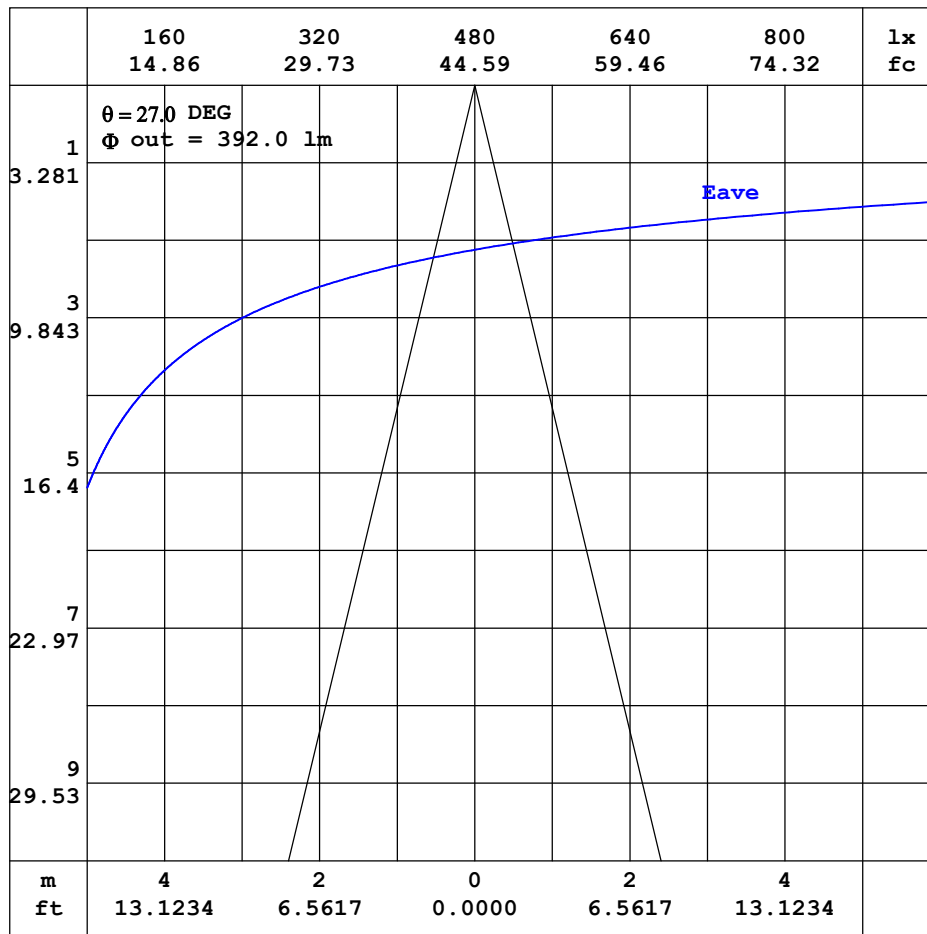


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



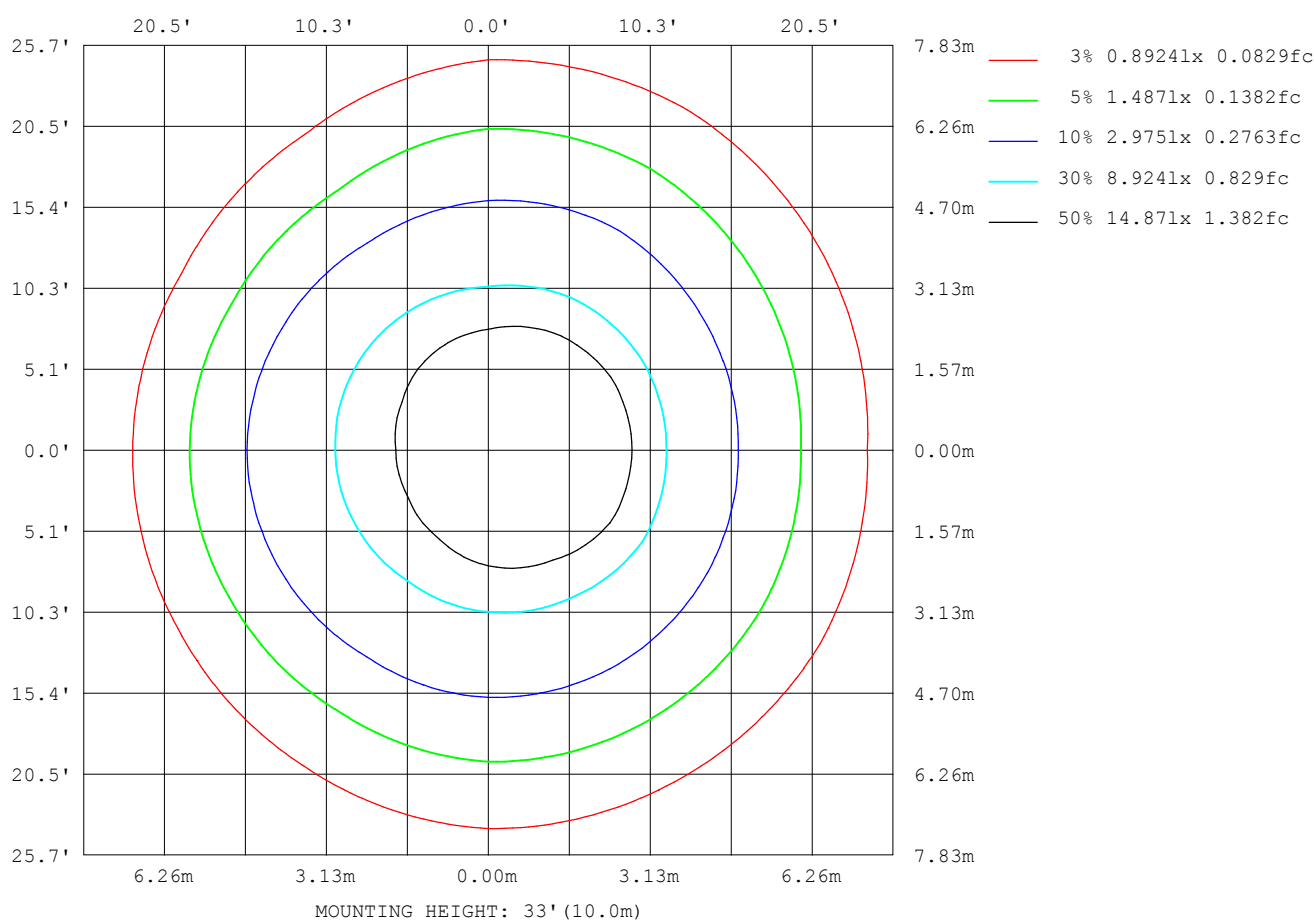
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-20

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

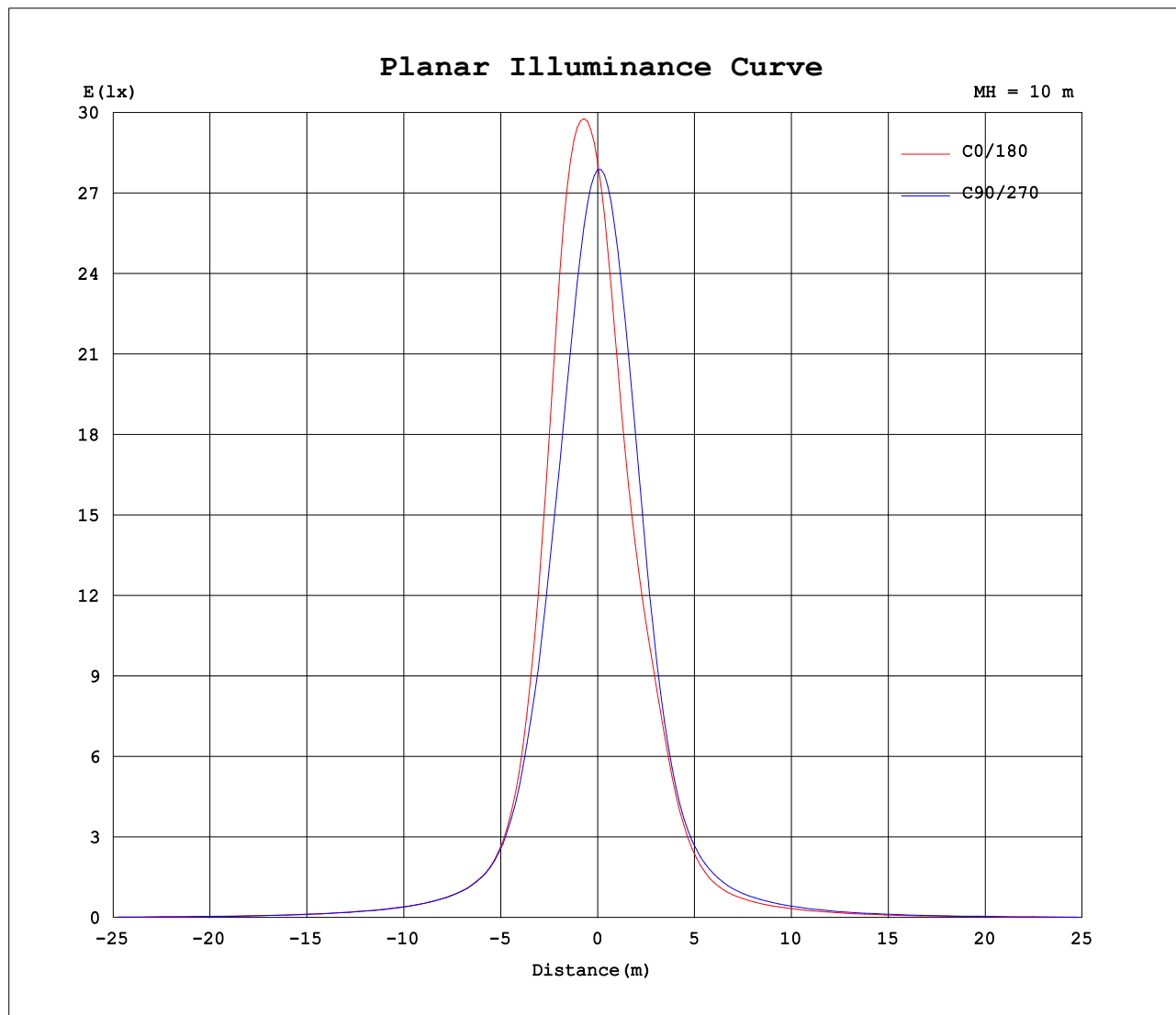
Test:U:24.00V I:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-20

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: 2024-07-20

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:0.7665A P:18.40W PF:1.000 Lamp Flux:1219.34x1 lm		
NAME: SFW20-24V-3535-24-CC-2700K-80-25	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	2818	2794	2794	2788	2783	2794	2818	2794	2794	2788	2783	2794							
5	3004	2901	2701	2505	2316	2221	2220	2269	2438	2610	2812	2955							
10	2698	2546	2179	1921	1696	1577	1571	1657	1851	2052	2350	2618							
15	1768	1724	1461	1305	1166	1123	1128	1185	1262	1342	1572	1738							
20	916	941	838	781	714	716	725	737	745	771	874	911							
25	452	464	449	434	391	393	399	389	390	437	473	458							
30	259	267	264	257	234	227	229	221	232	278	289	276							
35	182	188	184	181	166	158	154	153	165	196	202	194							
40	140	146	143	141	132	124	119	121	131	152	155	150							
45	114	121	118	115	110	102	96.1	99.7	108	123	128	124							
50	95.8	105	100	95.6	91.8	85.1	78.5	83.9	91.1	100	108	107							
55	81.1	92.5	86.1	79.5	78.0	72.4	64.9	71.7	77.5	82.4	92.0	93.0							
60	67.1	78.5	72.5	65.9	66.2	61.8	53.5	60.8	65.0	66.9	76.7	78.1							
65	53.9	62.7	58.3	53.6	54.0	50.3	42.5	48.4	52.0	53.2	60.2	61.4							
70	39.8	45.1	44.1	42.0	41.4	38.8	31.7	35.3	39.1	40.6	44.6	43.2							
75	27.6	30.7	32.1	31.4	30.2	27.8	21.9	23.5	27.5	29.1	31.2	26.7							
80	17.3	18.8	21.5	21.7	20.2	17.3	12.3	13.3	16.7	18.7	18.7	15.1							
85	6.81	8.09	11.5	12.8	10.5	6.97	2.81	2.90	7.30	9.47	8.61	4.16							
90	4.84	4.76	4.93	5.02	4.97	4.73	1.52	1.56	1.70	1.79	1.59	1.40							
95	4.70	4.62	4.84	4.93	4.89	4.62	1.83	1.81	2.00	2.00	1.86	1.57							
100	4.56	4.53	4.77	4.91	4.80	4.58	2.16	2.15	2.33	2.29	2.17	1.89							
105	4.48	4.53	4.72	4.91	4.77	4.58	2.53	2.51	2.68	2.62	2.52	2.26							
110	4.47	4.56	4.72	4.94	4.77	4.64	3.01	3.00	3.16	3.05	2.96	2.69							
115	4.52	4.69	4.80	5.08	4.94	4.81	3.65	3.64	3.77	3.63	3.51	3.23							
120	4.77	4.94	5.12	5.42	5.34	5.21	4.54	4.48	4.54	4.36	4.19	3.92							
125	5.22	5.40	5.63	6.01	5.98	5.87	5.56	5.47	5.43	5.20	5.03	4.75							
130	5.89	6.09	6.38	6.78	6.82	6.77	6.58	6.46	6.37	6.12	5.96	5.71							
135	6.83	7.01	7.32	7.73	7.82	7.83	7.50	7.37	7.29	7.03	6.89	6.70							
140	7.98	8.10	8.37	8.72	8.88	8.94	8.26	8.16	8.10	7.85	7.74	7.63							
145	9.18	9.26	9.40	9.67	9.84	10.0	8.85	8.77	8.75	8.52	8.45	8.37							
150	10.3	10.3	10.3	10.4	10.6	10.9	9.33	9.25	9.24	8.98	8.97	8.87							
155	11.1	11.1	10.9	11.0	11.2	11.6	9.70	9.62	9.57	9.28	9.28	9.21							
160	11.6	11.5	11.2	11.2	11.4	11.7	9.92	9.84	9.78	9.46	9.46	9.41							
165	11.8	11.5	11.2	11.1	11.4	11.6	9.92	9.94	9.91	9.62	9.56	9.51							
170	11.7	11.2	11.1	11.0	11.2	11.2	9.92	9.97	10.1	9.85	9.72	9.60							
175	11.2	10.9	10.9	10.9	10.9	10.6	10.1	10.1	10.4	10.3	10.1	9.80							
180	10.8	10.6	10.8	10.9	10.6	10.4	10.7	10.6	10.8	10.8	10.6	10.3							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-20

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	2818	2794	2794	2788	2783	2794	2818	2794	2794	2788
3.0	2980	2911	2795	2670	2544	2489	2500	2514	2626	2738
6.0	2994	2869	2626	2407	2190	2079	2077	2149	2328	2522
9.0	2814	2658	2309	2051	1811	1689	1681	1762	1973	2183
12.0	2360	2243	1889	1672	1468	1384	1374	1450	1610	1772
15.0	1768	1724	1461	1305	1166	1123	1128	1185	1262	1342
18.0	1210	1211	1054	966.4	880.0	877.2	889.5	910.9	937.7	973.5
21.0	790.5	816.4	738.8	694.4	633.8	638.5	645.5	649.5	657.3	686.6
24.0	518.9	527.3	508.8	486.1	441.3	446.5	454.8	446.2	449.0	485.7
27.0	352.0	356.7	356.4	343.2	312.8	309.5	315.5	303.8	307.8	360.3
30.0	259.4	266.7	263.8	256.6	234.1	227.4	229.0	221.4	231.6	278.1
33.0	206.8	213.2	208.0	205.0	186.5	178.6	176.9	173.2	186.5	223.6
36.0	172.2	178.1	173.6	171.4	158.0	149.0	145.6	145.6	157.0	185.4
39.0	147.3	152.5	149.4	147.5	137.9	129.4	124.6	125.8	136.4	159.2
42.0	128.8	134.3	131.7	130.0	122.4	114.3	108.7	111.6	120.8	138.9
45.0	114.2	120.7	118.4	115.4	109.5	102.1	96.15	99.72	108.3	122.8
48.0	102.2	110.2	107.1	103.1	98.36	91.61	85.17	89.82	97.49	109.1
51.0	92.78	102.4	97.43	92.29	88.74	82.05	75.51	81.28	88.16	96.47
54.0	83.92	94.88	88.77	82.62	80.47	74.71	67.44	73.84	80.12	85.77
57.0	75.59	87.14	80.75	74.09	73.19	67.85	60.11	67.20	72.53	76.14
60.0	67.09	78.53	72.54	65.92	66.21	61.84	53.47	60.83	64.99	66.92
63.0	59.77	69.34	64.07	58.27	58.95	55.29	46.82	53.56	57.25	58.54
66.0	50.94	58.85	55.37	51.14	51.42	48.22	40.33	45.68	49.37	50.57
69.0	42.38	48.23	46.83	44.21	43.86	41.24	33.72	38.06	41.55	43.05
72.0	34.65	39.15	39.01	37.50	36.73	33.76	27.58	30.32	34.22	35.88
75.0	27.62	30.65	32.14	31.37	30.18	27.82	21.92	23.55	27.48	29.11
78.0	21.29	23.21	25.60	25.45	24.05	21.79	16.30	17.71	20.93	22.71
81.0	15.29	16.91	19.47	19.79	18.27	15.28	10.31	11.30	14.85	16.71
84.0	8.496	10.57	13.51	14.53	12.58	9.152	3.903	4.770	9.394	11.08
87.0	5.537	5.531	6.618	9.364	5.893	5.552	2.078	2.105	2.642	6.015
90.0	4.842	4.761	4.930	5.023	4.973	4.732	1.522	1.558	1.697	1.791
93.0	4.761	4.688	4.863	4.943	4.914	4.695	1.704	1.681	1.879	1.885
96.0	4.674	4.593	4.820	4.928	4.863	4.608	1.894	1.878	2.061	2.052
99.0	4.601	4.535	4.783	4.914	4.827	4.579	2.097	2.074	2.258	2.242
102.0	4.528	4.528	4.747	4.914	4.790	4.579	2.316	2.293	2.447	2.416
105.0	4.485	4.528	4.717	4.914	4.768	4.579	2.534	2.511	2.680	2.620
108.0	4.470	4.535	4.717	4.921	4.768	4.594	2.797	2.795	2.950	2.853
111.0	4.470	4.579	4.717	4.958	4.775	4.652	3.117	3.129	3.270	3.166
114.0	4.477	4.645	4.768	5.038	4.892	4.761	3.503	3.515	3.634	3.501
117.0	4.600	4.769	4.913	5.191	5.073	4.944	3.984	3.973	4.064	3.908
120.0	4.775	4.944	5.124	5.424	5.342	5.206	4.537	4.483	4.537	4.359
123.0	5.037	5.184	5.408	5.745	5.699	5.577	5.135	5.072	5.054	4.876
126.0	5.328	5.519	5.771	6.131	6.121	6.044	5.768	5.677	5.615	5.386
129.0	5.735	5.927	6.215	6.604	6.637	6.561	6.387	6.266	6.183	5.939
132.0	6.237	6.422	6.746	7.136	7.212	7.180	6.976	6.841	6.750	6.492
135.0	6.834	7.012	7.321	7.726	7.824	7.835	7.500	7.373	7.289	7.031
138.0	7.510	7.668	7.940	8.330	8.457	8.498	7.966	7.861	7.791	7.548
141.0	8.230	8.345	8.580	8.920	9.090	9.175	8.381	8.290	8.243	8.006
144.0	8.951	9.043	9.207	9.487	9.680	9.815	8.744	8.655	8.628	8.407
147.0	9.643	9.698	9.760	9.997	10.18	10.40	9.065	8.983	8.963	8.728
150.0	10.26	10.28	10.26	10.43	10.63	10.93	9.334	9.252	9.239	8.983
153.0	10.79	10.80	10.66	10.80	10.98	11.36	9.567	9.485	9.450	9.179
156.0	11.23	11.19	10.97	11.05	11.24	11.65	9.756	9.667	9.617	9.332
159.0	11.54	11.46	11.14	11.18	11.37	11.74	9.886	9.798	9.748	9.434
162.0	11.72	11.51	11.20	11.19	11.42	11.72	9.922	9.900	9.850	9.529
165.0	11.77	11.49	11.21	11.14	11.41	11.60	9.922	9.937	9.908	9.624
168.0	11.76	11.36	11.13	11.08	11.28	11.36	9.922	9.952	10.00	9.762
171.0	11.57	11.19	11.01	11.00	11.13	11.05	9.930	9.988	10.13	9.922
174.0	11.30	10.93	10.92	10.93	10.99	10.74	10.03	10.08	10.32	10.17
177.0	11.02	10.74	10.88	10.91	10.83	10.48	10.33	10.27	10.60	10.49
180.0	10.76	10.64	10.84	10.85	10.64	10.36	10.72	10.58	10.78	10.80
G/C	300.0	330.0								
0.0	2783	2794								
3.0	2860	2943								
6.0	2758	2933								
9.0	2478	2738								
12.0	2054	2306								
15.0	1572	1738								
18.0	1121	1220								
21.0	768.4	790.1								
24.0	530.0	525.7								
27.0	379.2	364.4								
30.0	288.8	275.6								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-20

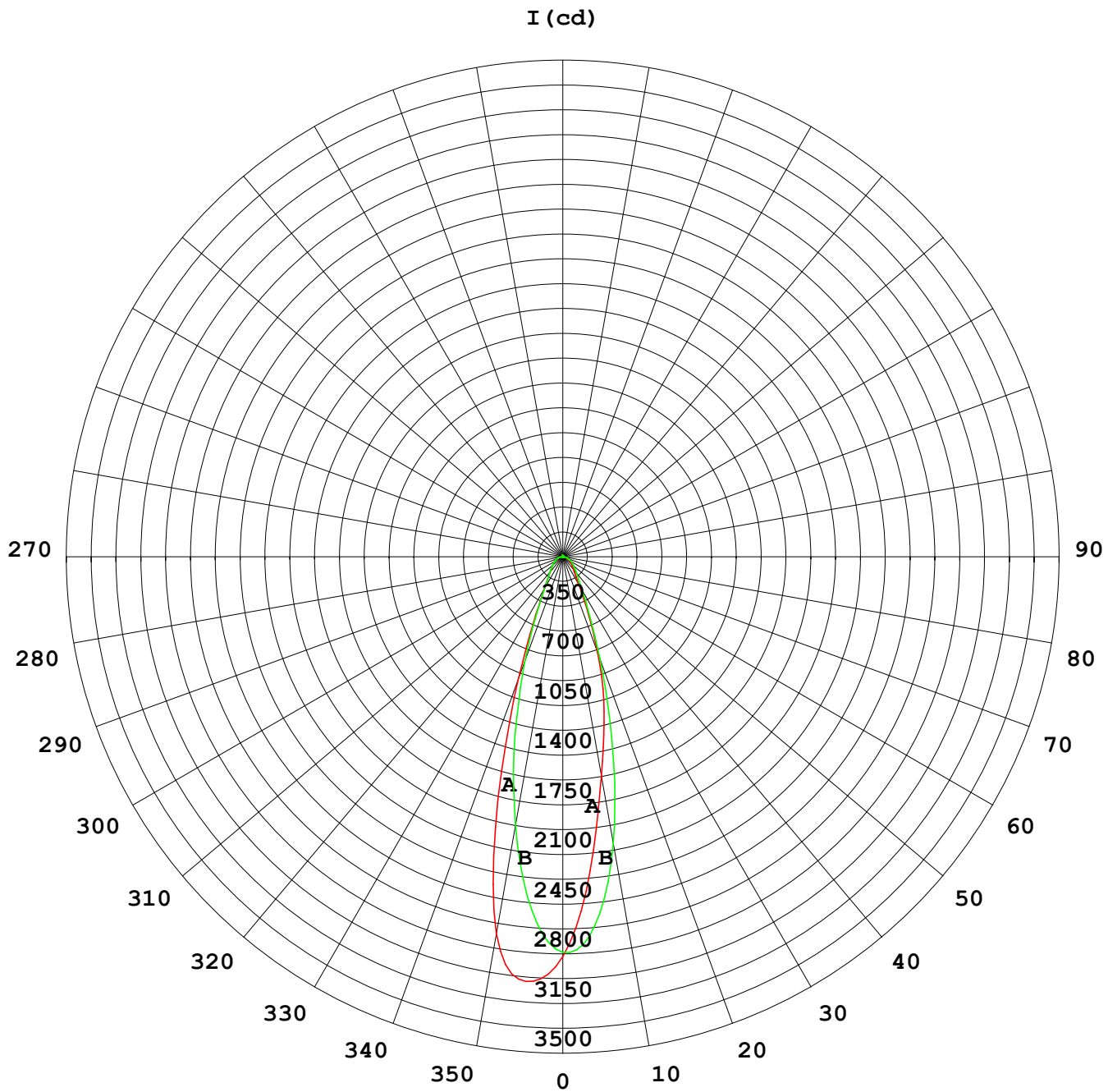
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	229.9	217.6
36.0	190.4	182.3
39.0	162.8	156.7
42.0	142.7	137.2
45.0	127.5	123.5
48.0	115.4	112.8
51.0	104.7	104.0
54.0	95.12	95.99
57.0	86.01	86.70
60.0	76.68	78.07
63.0	66.86	68.02
66.0	56.90	57.62
69.0	47.50	46.81
72.0	38.94	35.16
75.0	31.18	26.66
78.0	23.26	19.64
81.0	16.71	13.06
84.0	10.69	6.648
87.0	3.826	1.935
90.0	1.595	1.398
93.0	1.733	1.463
96.0	1.908	1.652
99.0	2.097	1.834
102.0	2.301	2.045
105.0	2.520	2.263
108.0	2.768	2.503
111.0	3.051	2.795
114.0	3.387	3.122
117.0	3.765	3.500
120.0	4.195	3.915
123.0	4.675	4.388
126.0	5.200	4.927
129.0	5.761	5.516
132.0	6.328	6.121
135.0	6.889	6.703
138.0	7.413	7.293
141.0	7.908	7.810
144.0	8.329	8.240
147.0	8.679	8.611
150.0	8.970	8.874
153.0	9.173	9.099
156.0	9.326	9.245
159.0	9.428	9.369
162.0	9.515	9.456
165.0	9.559	9.507
168.0	9.653	9.566
171.0	9.785	9.631
174.0	9.960	9.747
177.0	10.27	9.958
180.0	10.64	10.29

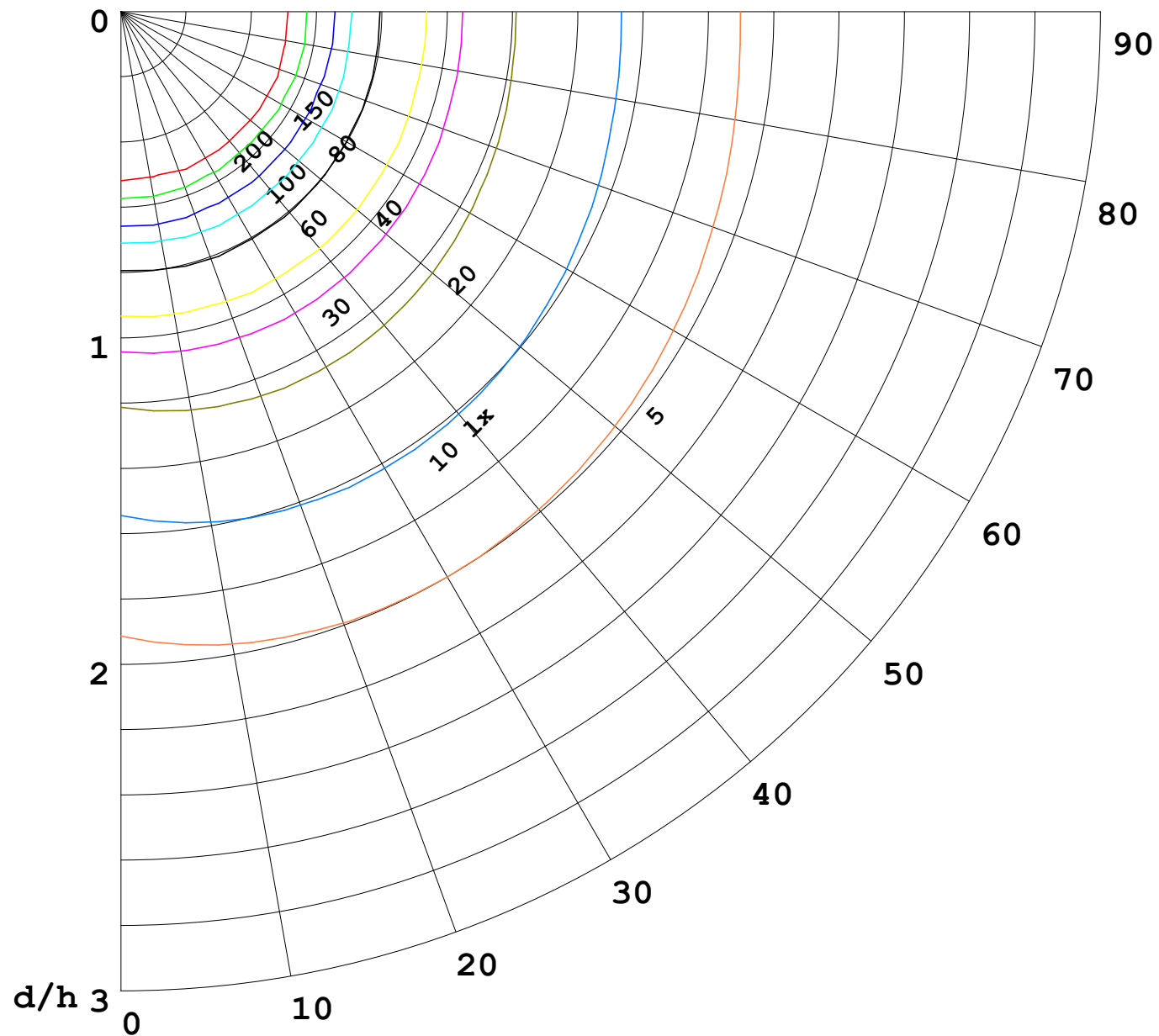
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-20

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:



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

