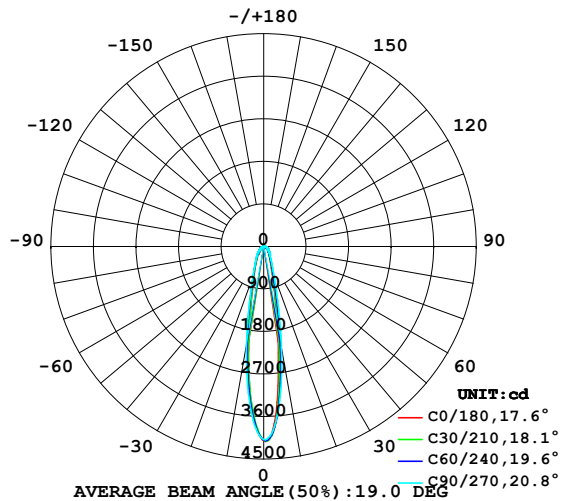


LUMINAIRE PHOTOMETRIC TEST REPORT

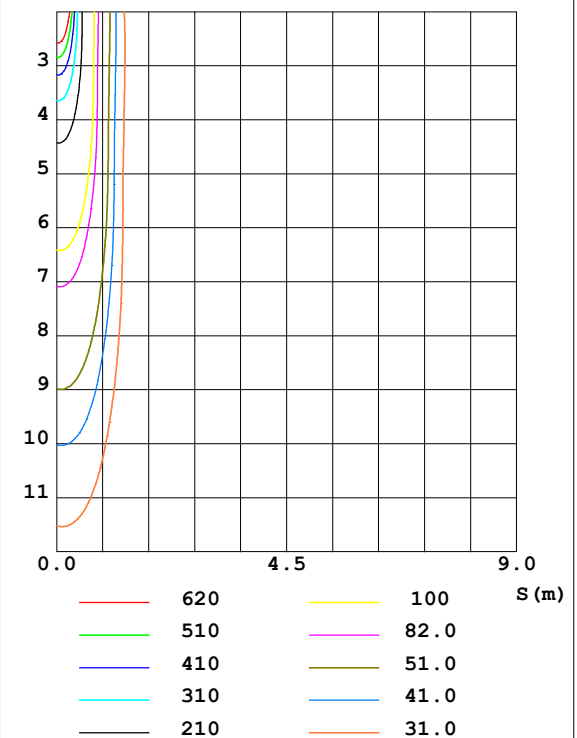
Test:U:24.00V I:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.51 lm/W			
MODEL	3535	I _{max} (cd)	4126	S/MH (C0/180)	0.30
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.36
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1244.1	η UP, DN (C0-180)	1.7, 48.0
NOMINAL FLUX (lm)	1244.11	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 49.0
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)



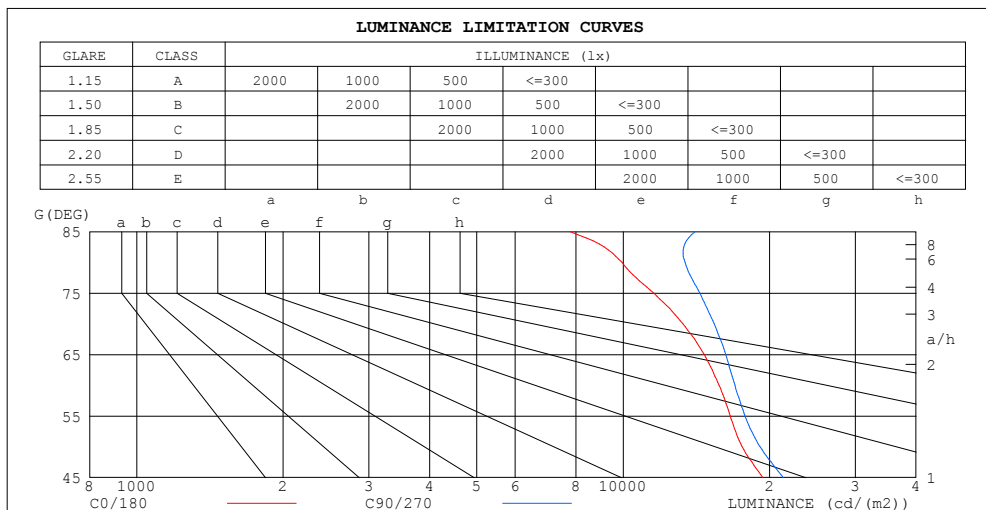
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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
5	3313	3467	3513	3322	3223	3231	3360	3391	0- 5	88.70	88.70	7.13,7.13
10	1678	1905	2178	1970	1786	1905	2109	1944	5- 10	183.1	271.8	21.8,21.8
15	812.9	919.1	1119	1026	939.1	1018	1122	979.8	10- 15	163.1	435.0	35,35
20	493.9	536.6	633.1	612.6	587.0	620.7	661.5	574.3	15- 20	123.9	558.9	44.9,44.9
25	341.3	364.4	423.3	418.4	404.2	428.9	448.3	390.3	20- 25	101.1	660.0	53.1,53.1
30	254.4	268.8	308.8	305.2	290.8	316.9	333.5	287.4	25- 30	86.70	746.7	60,60
35	199.3	209.6	237.2	233.3	223.8	246.3	264.6	225.4	30- 35	76.38	823.1	66.2,66.2
40	163.0	169.1	187.5	186.7	179.7	196.1	211.8	181.6	35- 40	68.44	891.5	71.7,71.7
45	137.0	139.9	150.9	153.6	148.2	158.0	164.2	149.3	40- 45	61.57	953.1	76.6,76.6
50	112.9	116.0	122.9	125.9	121.1	126.4	127.7	121.3	45- 50	54.68	1008	81,81
55	95.21	98.69	102.1	104.5	99.62	102.8	102.0	100.0	50- 55	48.23	1056	84.9,84.9
60	78.73	82.68	84.85	86.22	80.43	83.87	82.81	81.83	55- 60	42.43	1098	88.3,88.3
65	62.02	66.49	68.72	68.42	61.80	65.40	65.67	64.29	60- 65	36.11	1135	91.2,91.2
70	45.37	49.66	52.63	50.26	42.67	47.06	49.21	46.95	65- 70	28.76	1163	93.5,93.5
75	29.90	33.84	37.20	33.56	25.73	30.32	33.70	31.08	70- 75	20.83	1184	95.2,95.2
80	17.26	20.33	23.27	20.11	13.66	16.77	19.93	17.47	75- 80	13.38	1198	96.3,96.3
85	6.769	9.544	12.27	9.295	3.240	5.899	8.977	6.546	80- 85	7.117	1205	96.8,96.8
90	4.698	4.713	4.998	4.887	1.503	1.675	1.965	1.729	85- 90	2.560	1207	97,97
95	4.599	4.706	5.022	4.853	1.816	1.959	2.201	2.011	90- 95	1.818	1209	97.2,97.2
100	4.568	4.731	5.022	4.808	2.147	2.306	2.575	2.352	95-100	1.885	1211	97.3,97.3
105	4.568	4.789	5.022	4.801	2.515	2.668	2.961	2.738	100-105	1.955	1213	97.5,97.5
110	4.678	4.893	5.078	4.838	2.914	3.100	3.372	3.186	105-110	2.026	1215	97.7,97.7
115	4.832	5.065	5.262	4.988	3.386	3.615	3.905	3.713	110-115	2.110	1217	97.8,97.8
120	5.083	5.362	5.624	5.292	4.006	4.296	4.610	4.400	115-120	2.224	1219	98,98
125	5.549	5.877	6.176	5.816	4.908	5.173	5.407	5.262	120-125	2.386	1222	98.2,98.2
130	6.326	6.610	6.900	6.564	6.043	6.154	6.265	6.239	125-130	2.584	1224	98.4,98.4
135	7.393	7.551	7.752	7.502	7.109	7.092	7.100	7.166	130-135	2.770	1227	98.6,98.6
140	8.527	8.560	8.636	8.511	7.893	7.861	7.854	7.932	135-140	2.880	1230	98.9,98.9
145	9.533	9.532	9.487	9.498	8.432	8.450	8.455	8.490	140-145	2.872	1233	99.1,99.1
150	10.43	10.34	10.17	10.34	8.874	8.944	8.903	8.928	145-150	2.742	1235	99.3,99.3
155	11.21	10.93	10.65	10.99	9.285	9.354	9.252	9.262	150-155	2.500	1238	99.5,99.5
160	11.60	11.22	10.90	11.40	9.640	9.713	9.474	9.474	155-160	2.158	1240	99.7,99.7
165	11.65	11.18	10.92	11.48	9.928	9.983	9.652	9.590	160-165	1.731	1242	99.8,99.8
170	11.33	10.88	10.92	11.33	10.04	10.19	9.927	9.646	165-170	1.252	1243	99.9,99.9
175	10.67	10.60	10.92	10.99	9.971	10.36	10.36	9.879	170-175	0.7508	1244	100,100
180	10.19	10.55	10.85	10.58	10.14	10.53	10.85	10.55	175-180	0.2506	1244	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	7766	14079
80	9940	13403
75	11552	14373
70	13265	15389
65	14674	16261
60	15747	16970
55	16600	17805
50	17569	19119
45	19368	21335

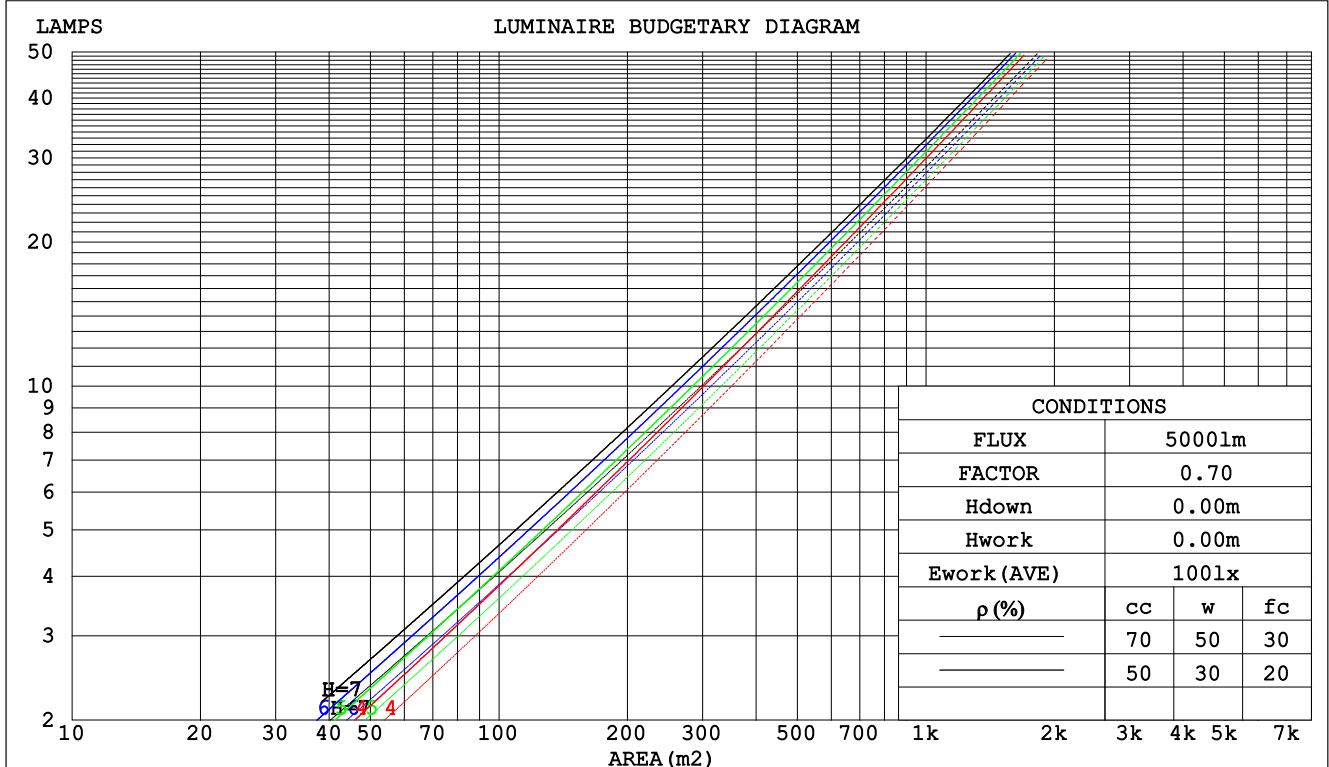
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-15	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	1.08	1.05	1.02	1.06	1.03	1.01	1.01	.99	.97	.97	.95	.93	.93	.91	.90	.88
2.0	.99	.94	.90	.97	.93	.89	.93	.90	.87	.90	.87	.84	.87	.84	.82	.80
3.0	.91	.86	.81	.90	.85	.80	.87	.82	.79	.84	.80	.77	.81	.78	.75	.74
4.0	.85	.79	.74	.84	.78	.73	.81	.76	.72	.79	.74	.71	.76	.73	.70	.68
5.0	.79	.73	.68	.78	.72	.68	.76	.71	.67	.74	.70	.66	.72	.68	.65	.64
6.0	.75	.68	.64	.74	.68	.63	.72	.67	.63	.70	.66	.62	.69	.65	.61	.60
7.0	.71	.64	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.65	.61	.58	.56
8.0	.67	.61	.57	.66	.60	.56	.65	.60	.56	.64	.59	.56	.62	.58	.55	.54
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.61	.55	.51	.59	.54	.51	.59	.54	.51	.58	.53	.50	.49



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm								
NAME: SFW20-24V-3535-24-CC-3000K-80-15				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	.215	.122	.039	.207	.118	.038	.193	.111	.035	.179	.104	.033	.167	.097	.031	
2.0	.202	.111	.034	.195	.108	.033	.183	.102	.032	.171	.096	.030	.161	.091	.029	
3.0	.188	.100	.030	.182	.098	.029	.171	.093	.028	.161	.088	.027	.152	.084	.026	
4.0	.175	.091	.027	.170	.089	.026	.160	.085	.025	.152	.081	.025	.143	.078	.024	
5.0	.163	.083	.024	.159	.081	.024	.150	.078	.023	.142	.075	.022	.135	.072	.022	
6.0	.152	.076	.022	.149	.075	.022	.141	.072	.021	.134	.070	.021	.128	.067	.020	
7.0	.143	.071	.020	.140	.070	.020	.133	.067	.019	.127	.065	.019	.121	.063	.018	
8.0	.135	.066	.018	.132	.065	.018	.126	.063	.018	.120	.061	.018	.115	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.114	.057	.016	.109	.056	.016	
10.0	.120	.058	.016	.118	.057	.016	.113	.055	.016	.108	.054	.015	.104	.052	.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	.197	.180	.165	.168	.154	.142	.115	.106	.098	.066	.061	.057	.021	.020	.018	
2.0	.183	.155	.132	.157	.134	.114	.108	.092	.079	.062	.054	.047	.020	.017	.015	
3.0	.172	.137	.109	.147	.118	.094	.101	.082	.066	.058	.048	.039	.019	.016	.013	
4.0	.162	.122	.093	.139	.106	.080	.095	.074	.057	.055	.043	.033	.018	.014	.011	
5.0	.153	.111	.080	.131	.096	.070	.090	.067	.049	.052	.039	.029	.017	.013	.010	
6.0	.145	.102	.071	.124	.088	.062	.086	.062	.044	.050	.036	.026	.016	.012	.009	
7.0	.138	.094	.064	.118	.082	.056	.082	.057	.040	.048	.034	.024	.015	.011	.008	
8.0	.131	.088	.059	.113	.077	.051	.078	.054	.036	.046	.032	.022	.015	.010	.007	
9.0	.126	.083	.054	.108	.072	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007	
10.0	.120	.078	.051	.104	.068	.044	.072	.048	.031	.042	.028	.019	.014	.009	.006	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm											
NAME: SFW20-24V-3535-24-CC-3000K-80-15					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	20.3	21.4	20.6	21.6	21.8	
	3H	21.2	22.2	21.6	22.4	22.7	21.7	22.7	22.0	22.9	23.2
	4H	21.7	22.6	22.0	22.9	23.2	22.3	23.2	22.6	23.5	23.8
	6H	22.0	22.8	22.3	23.1	23.5	22.7	23.6	23.1	23.9	24.2
	8H	22.1	22.9	22.4	23.2	23.5	22.9	23.7	23.3	24.0	24.4
	12H	22.1	22.9	22.5	23.2	23.6	23.0	23.8	23.4	24.1	24.5
4H	2H	20.6	21.5	20.9	21.8	22.0	20.9	21.8	21.2	22.0	22.3
	3H	22.0	22.8	22.4	23.1	23.5	22.4	23.2	22.8	23.6	23.9
	4H	22.6	23.3	23.0	23.7	24.0	23.1	23.8	23.5	24.2	24.6
	6H	23.0	23.6	23.4	24.0	24.4	23.7	24.3	24.1	24.7	25.1
	8H	23.1	23.7	23.6	24.1	24.5	23.9	24.5	24.3	24.9	25.3
	12H	23.2	23.7	23.6	24.1	24.6	24.1	24.6	24.5	25.0	25.5
8H	4H	22.8	23.4	23.3	23.8	24.3	23.3	23.9	23.8	24.3	24.7
	6H	23.3	23.8	23.8	24.3	24.8	24.0	24.5	24.5	24.9	25.4
	8H	23.5	24.0	24.0	24.5	25.0	24.3	24.7	24.8	25.2	25.7
	12H	23.7	24.0	24.2	24.5	25.1	24.6	24.9	25.1	25.4	26.0
12H	4H	22.8	23.4	23.3	23.8	24.3	23.3	23.8	23.8	24.3	24.7
	6H	23.4	23.8	23.9	24.3	24.8	24.0	24.5	24.5	24.9	25.4
	8H	23.6	24.0	24.2	24.5	25.0	24.4	24.7	24.9	25.2	25.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1244 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.8)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

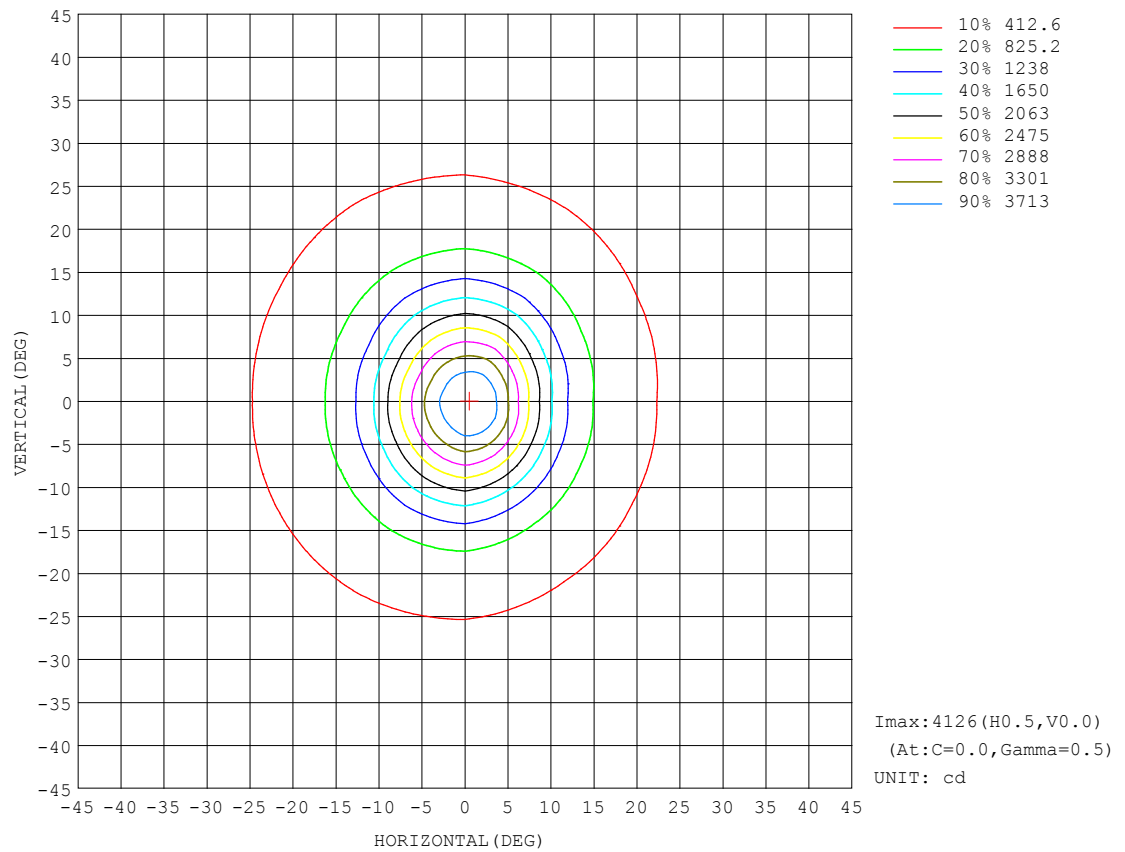
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

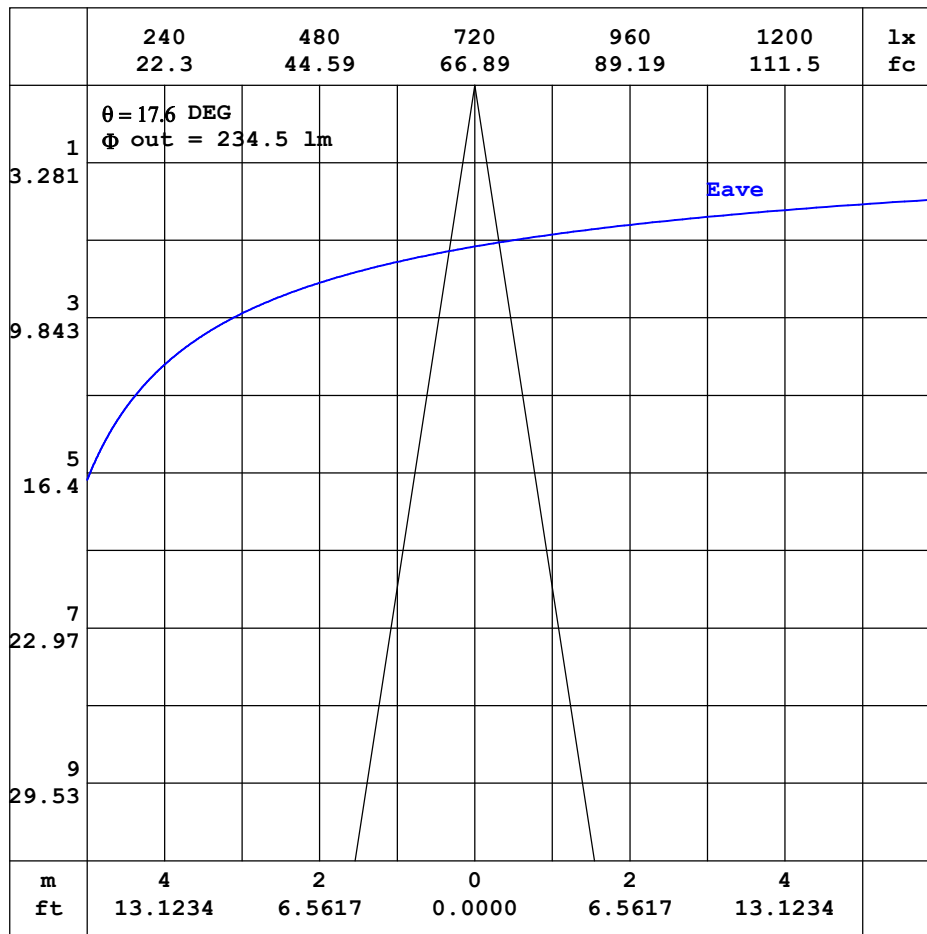


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



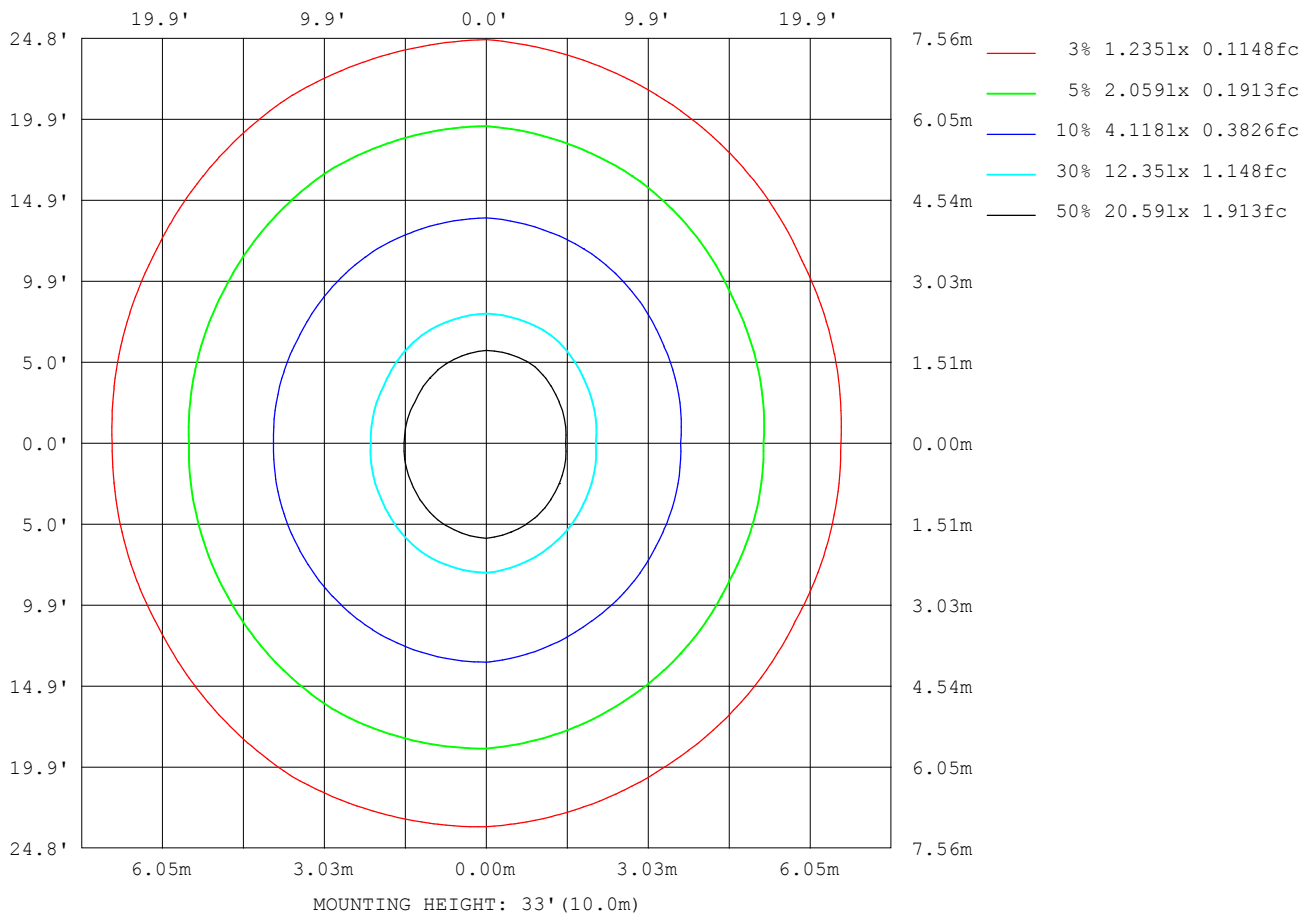
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

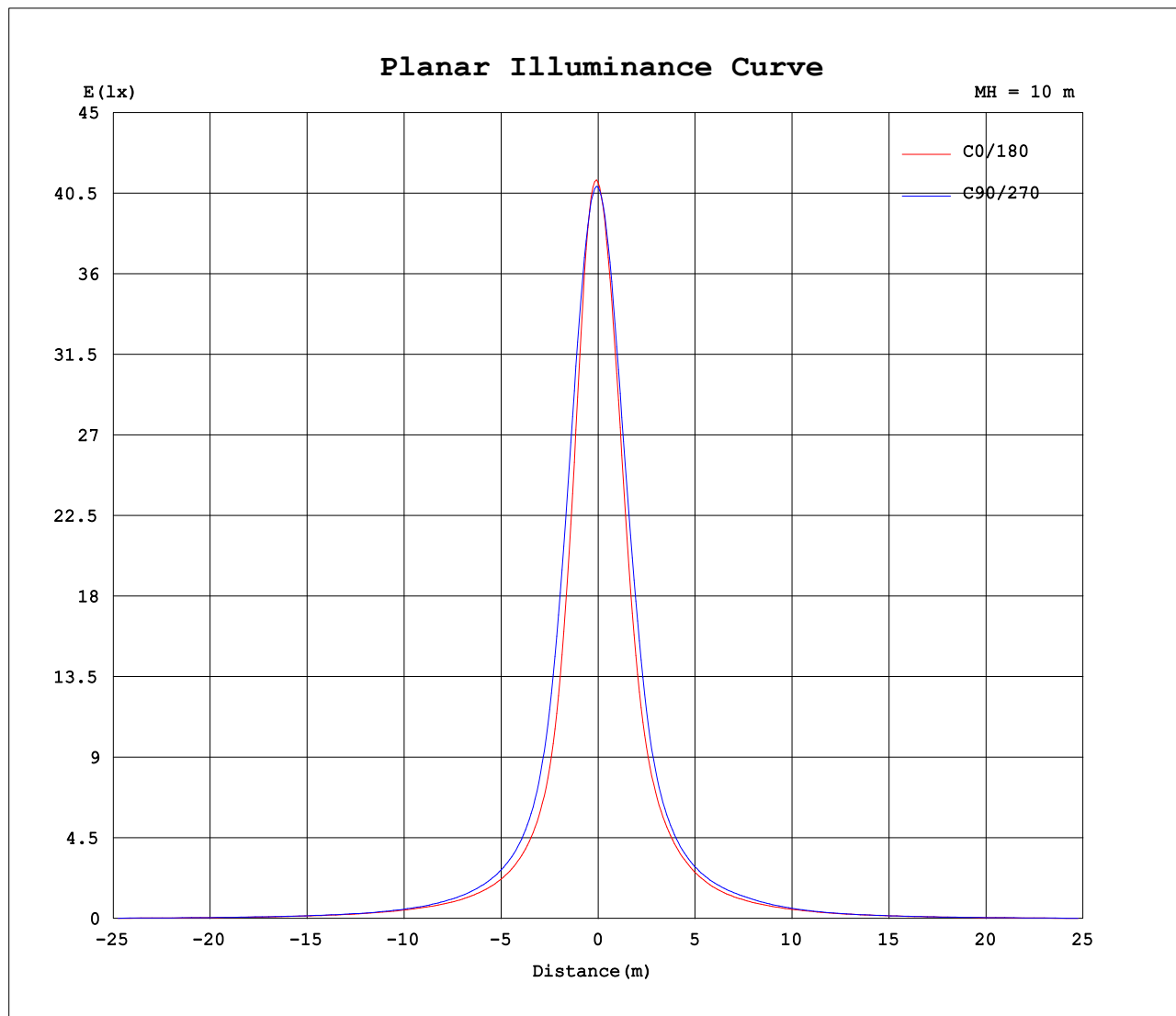
Test:U:24.00V I:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:0.7913A P:18.99W PF:1.000 Lamp Flux:1244.11x1 lm		
NAME: SFW20-24V-3535-24-CC-3000K-80-15	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	4114	4099	4095	4085	4082	4087	4114	4099	4095	4085	4082	4087							
5	3313	3434	3499	3513	3375	3268	3223	3185	3278	3360	3428	3355							
10	1678	1797	2012	2178	2067	1874	1786	1812	1997	2109	2062	1826							
15	813	861	977	1119	1076	976	939	962	1074	1122	1062	897							
20	494	513	560	633	625	600	587	599	643	662	613	536							
25	341	349	380	423	424	413	404	415	443	448	415	366							
30	254	257	281	309	313	298	291	305	329	333	306	269							
35	199	202	217	237	240	227	224	235	258	265	239	212							
40	163	165	173	188	190	183	180	188	204	212	192	171							
45	137	138	142	151	155	152	148	154	162	164	156	143							
50	113	115	117	123	127	125	121	124	128	128	126	117							
55	95.2	97.7	99.7	102	106	103	99.6	102	104	102	103	97.1							
60	78.7	81.5	83.9	84.8	87.3	85.1	80.4	82.8	85.0	82.8	84.2	79.5							
65	62.0	65.1	67.9	68.7	69.8	67.0	61.8	64.0	66.8	65.7	66.4	62.2							
70	45.4	47.9	51.4	52.6	52.3	48.2	42.7	45.1	49.0	49.2	49.1	44.8							
75	29.9	32.4	35.3	37.2	35.6	31.5	25.7	28.1	32.5	33.7	33.0	29.1							
80	17.3	19.0	21.7	23.3	21.7	18.5	13.7	14.9	18.6	19.9	19.2	15.7							
85	6.77	8.08	11.0	12.3	10.9	7.68	3.24	4.13	7.67	8.98	8.22	4.88							
90	4.70	4.62	4.80	5.00	5.00	4.78	1.50	1.56	1.79	1.96	1.83	1.63							
95	4.60	4.62	4.79	5.02	4.97	4.74	1.82	1.84	2.08	2.20	2.12	1.90							
100	4.57	4.67	4.79	5.02	4.94	4.67	2.15	2.18	2.44	2.57	2.47	2.23							
105	4.57	4.74	4.84	5.02	4.91	4.69	2.51	2.53	2.81	2.96	2.86	2.62							
110	4.68	4.84	4.94	5.08	4.91	4.76	2.91	2.96	3.24	3.37	3.31	3.07							
115	4.83	5.00	5.13	5.26	5.06	4.91	3.39	3.46	3.77	3.91	3.84	3.59							
120	5.08	5.27	5.45	5.62	5.40	5.18	4.01	4.11	4.48	4.61	4.54	4.26							
125	5.55	5.77	5.99	6.18	5.95	5.68	4.91	5.03	5.32	5.41	5.37	5.15							
130	6.33	6.51	6.71	6.90	6.70	6.43	6.04	6.07	6.24	6.27	6.29	6.19							
135	7.39	7.50	7.60	7.75	7.60	7.40	7.11	7.06	7.13	7.10	7.16	7.17							
140	8.53	8.57	8.55	8.64	8.56	8.46	7.89	7.83	7.89	7.85	7.94	7.93							
145	9.53	9.59	9.48	9.49	9.50	9.49	8.43	8.39	8.51	8.45	8.52	8.46							
150	10.4	10.5	10.2	10.2	10.3	10.4	8.87	8.87	9.02	8.90	8.97	8.88							
155	11.2	11.1	10.8	10.6	10.9	11.1	9.28	9.29	9.42	9.25	9.28	9.24							
160	11.6	11.4	11.0	10.9	11.2	11.6	9.64	9.66	9.76	9.47	9.46	9.49							
165	11.7	11.4	11.0	10.9	11.3	11.6	9.93	9.95	10.0	9.65	9.52	9.66							
170	11.3	10.9	10.8	10.9	11.3	11.4	10.0	10.1	10.2	9.93	9.63	9.66							
175	10.7	10.5	10.7	10.9	11.0	10.9	9.97	10.2	10.5	10.4	10.1	9.68							
180	10.2	10.4	10.7	10.9	10.7	10.4	10.1	10.3	10.7	10.8	10.8	10.4							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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	4114	4099	4095	4085	4082	4087	4114	4099	4095	4085
2.5	3969	4010	3991	3958	3862	3810	3806	3767	3816	3857
5.0	3313	3434	3499	3513	3375	3268	3223	3185	3278	3360
7.5	2435	2587	2771	2877	2736	2579	2496	2483	2635	2735
10.0	1678	1797	2012	2178	2067	1874	1786	1812	1997	2109
12.5	1137	1228	1402	1574	1498	1337	1266	1305	1470	1554
15.0	812.9	861.3	976.9	1119	1076	976.1	939.1	962.2	1074	1122
17.5	622.4	647.6	720.5	819.9	802.2	748.3	729.6	747.0	810.3	845.1
20.0	493.9	513.2	560.0	633.1	625.4	599.8	587.0	598.9	642.5	661.5
22.5	406.7	417.9	454.4	509.0	508.0	492.9	482.3	494.3	526.3	538.0
25.0	341.3	349.3	379.5	423.3	423.9	412.8	404.2	415.0	442.8	448.3
27.5	292.2	296.5	324.3	357.0	362.0	347.3	340.3	353.9	379.5	382.9
30.0	254.4	257.0	280.6	308.8	312.6	297.8	290.8	305.1	328.7	333.5
32.5	223.9	226.3	245.6	269.2	272.9	257.9	252.7	266.4	289.6	295.3
35.0	199.3	202.0	217.2	237.2	240.2	226.5	223.8	234.9	257.7	264.6
37.5	178.5	181.6	192.5	210.5	213.4	202.3	200.1	209.3	229.7	237.4
40.0	163.0	165.0	173.2	187.5	190.3	183.0	179.7	187.8	204.4	211.8
42.5	149.6	151.2	156.5	167.9	171.7	166.9	162.8	169.9	182.1	186.3
45.0	137.0	138.1	141.6	150.9	155.4	151.9	148.2	153.7	162.4	164.2
47.5	124.3	125.6	128.3	136.1	140.5	137.6	134.4	138.2	144.2	144.3
50.0	112.9	114.7	117.2	122.9	127.2	124.6	121.1	124.4	128.4	127.7
52.5	103.6	105.9	108.0	111.8	115.7	113.5	109.8	112.4	115.2	113.7
55.0	95.21	97.69	99.68	102.1	105.7	103.4	99.62	101.8	103.9	102.0
57.5	87.05	89.62	91.78	93.31	96.32	94.11	89.94	92.10	94.14	91.99
60.0	78.73	81.50	83.87	84.85	87.31	85.14	80.43	82.78	84.96	82.81
62.5	70.36	73.39	76.03	76.64	78.58	76.15	71.12	73.58	75.88	74.25
65.0	62.02	65.08	67.89	68.72	69.80	67.04	61.80	64.02	66.78	65.67
67.5	53.66	56.48	59.71	60.64	61.11	57.57	52.23	54.51	57.76	57.38
70.0	45.37	47.90	51.41	52.63	52.35	48.17	42.67	45.09	49.03	49.21
72.5	37.47	39.68	43.22	44.73	43.78	39.21	33.61	36.24	40.55	41.35
75.0	29.90	32.35	35.32	37.20	35.58	31.53	25.73	28.14	32.51	33.70
77.5	23.00	25.38	28.01	29.90	28.12	24.47	19.18	20.88	25.12	26.50
80.0	17.26	19.00	21.66	23.27	21.74	18.49	13.66	14.92	18.61	19.93
82.5	11.94	13.37	16.12	17.38	16.12	13.08	8.499	9.478	12.96	14.04
85.0	6.769	8.080	11.01	12.27	10.91	7.681	3.240	4.129	7.669	8.977
87.5	5.246	5.143	5.738	7.960	5.642	5.187	1.752	1.853	2.365	4.582
90.0	4.698	4.624	4.802	4.998	4.998	4.777	1.503	1.564	1.785	1.965
92.5	4.648	4.624	4.789	5.022	4.979	4.746	1.650	1.673	1.932	2.029
95.0	4.599	4.624	4.789	5.022	4.967	4.739	1.816	1.839	2.080	2.201
97.5	4.574	4.642	4.789	5.022	4.949	4.673	1.987	1.986	2.257	2.373
100.0	4.568	4.673	4.789	5.022	4.942	4.673	2.147	2.176	2.435	2.575
102.5	4.568	4.703	4.832	5.022	4.918	4.673	2.325	2.342	2.613	2.765
105.0	4.568	4.740	4.838	5.022	4.912	4.691	2.515	2.526	2.809	2.961
107.5	4.641	4.795	4.881	5.035	4.912	4.722	2.705	2.734	3.018	3.157
110.0	4.678	4.845	4.942	5.078	4.912	4.765	2.914	2.961	3.239	3.372
112.5	4.746	4.918	5.046	5.163	4.961	4.826	3.141	3.176	3.490	3.617
115.0	4.832	5.004	5.126	5.262	5.064	4.912	3.386	3.457	3.773	3.905
117.5	4.948	5.121	5.261	5.428	5.223	5.041	3.675	3.751	4.104	4.242
120.0	5.083	5.274	5.451	5.624	5.401	5.182	4.006	4.113	4.478	4.610
122.5	5.291	5.489	5.701	5.881	5.653	5.397	4.417	4.530	4.889	5.009
125.0	5.549	5.765	5.989	6.176	5.953	5.679	4.908	5.027	5.319	5.407
127.5	5.904	6.103	6.327	6.514	6.308	6.017	5.460	5.530	5.779	5.836
130.0	6.326	6.514	6.707	6.900	6.700	6.428	6.043	6.069	6.239	6.265
132.5	6.835	6.986	7.136	7.311	7.130	6.900	6.606	6.584	6.686	6.695
135.0	7.393	7.501	7.602	7.752	7.602	7.403	7.109	7.056	7.127	7.100
137.5	7.969	8.047	8.074	8.200	8.080	7.943	7.544	7.468	7.520	7.492
140.0	8.527	8.575	8.546	8.636	8.558	8.464	7.893	7.829	7.894	7.854
142.5	9.049	9.095	9.030	9.071	9.048	8.985	8.193	8.142	8.224	8.173
145.0	9.533	9.586	9.478	9.487	9.503	9.494	8.432	8.394	8.506	8.455
147.5	9.993	10.04	9.877	9.849	9.920	9.960	8.665	8.657	8.770	8.688
150.0	10.43	10.45	10.23	10.17	10.29	10.40	8.874	8.873	9.015	8.903
152.5	10.84	10.81	10.53	10.44	10.62	10.79	9.077	9.087	9.230	9.075
155.0	11.21	11.11	10.75	10.65	10.85	11.12	9.285	9.289	9.420	9.252
157.5	11.44	11.33	10.90	10.81	11.05	11.39	9.469	9.486	9.597	9.357
160.0	11.60	11.43	11.01	10.90	11.21	11.58	9.640	9.664	9.763	9.474
162.5	11.65	11.43	11.02	10.92	11.27	11.64	9.806	9.835	9.892	9.566
165.0	11.65	11.36	11.01	10.92	11.33	11.64	9.928	9.952	10.01	9.652
167.5	11.54	11.21	10.91	10.92	11.33	11.56	10.04	10.07	10.13	9.762
170.0	11.33	10.94	10.81	10.92	11.25	11.40	10.04	10.15	10.24	9.927
172.5	11.01	10.67	10.76	10.92	11.15	11.21	10.03	10.20	10.36	10.12
175.0	10.67	10.46	10.75	10.92	11.04	10.93	9.971	10.23	10.49	10.36
177.5	10.37	10.37	10.75	10.93	10.92	10.65	9.996	10.25	10.66	10.62
180.0	10.19	10.36	10.75	10.85	10.75	10.42	10.14	10.34	10.73	10.85

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

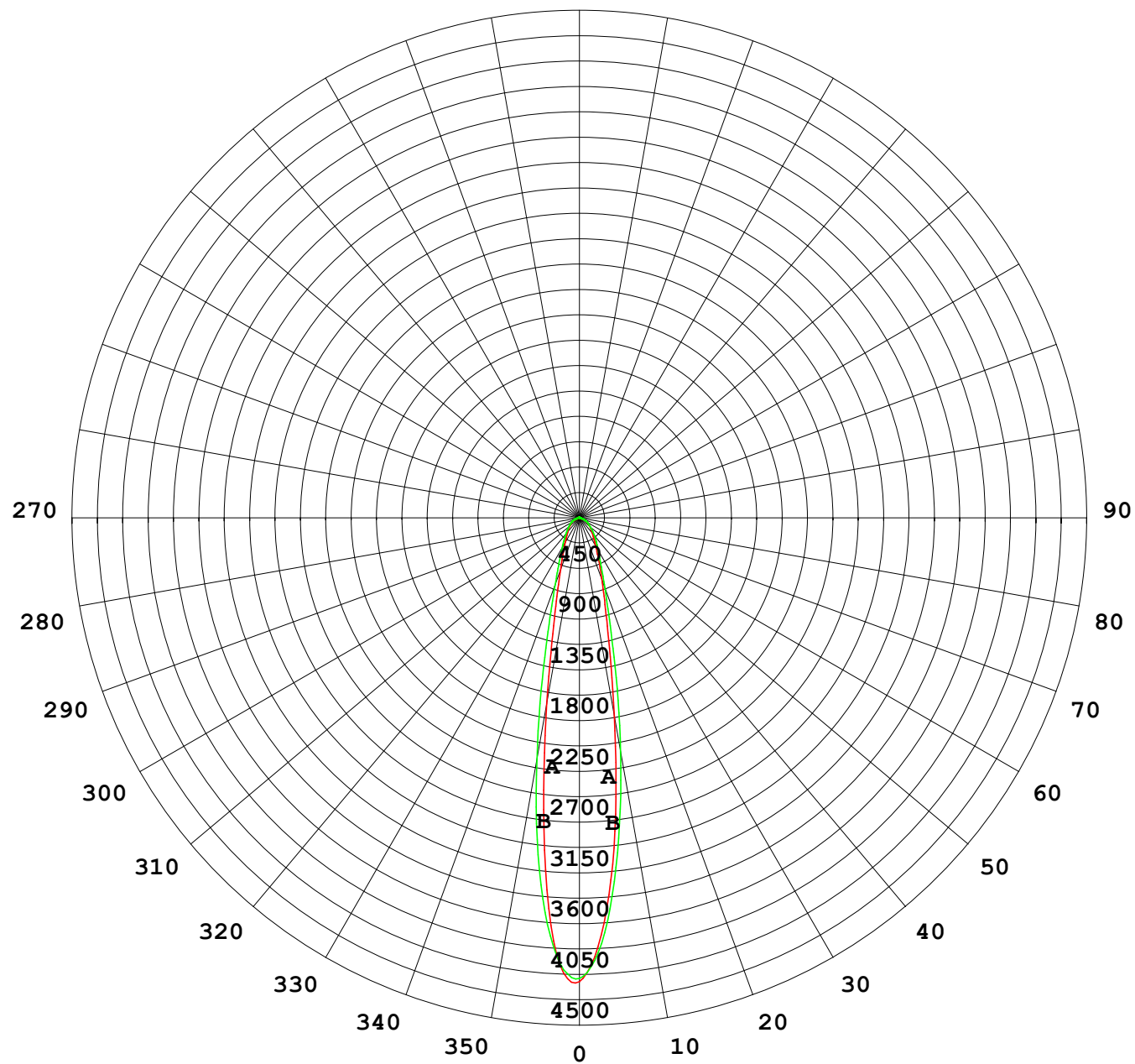
Photometric Data Table [cd]

G/C	300.0	330.0
0.0	4082	4087
2.5	3924	3942
5.0	3428	3355
7.5	2747	2556
10.0	2062	1826
12.5	1485	1266
15.0	1062	897.3
17.5	786.3	679.7
20.0	612.7	535.8
22.5	496.6	437.1
25.0	415.0	365.7
27.5	352.0	310.9
30.0	305.7	269.1
32.5	269.0	237.2
35.0	239.0	211.8
37.5	213.6	188.9
40.0	192.1	171.2
42.5	173.4	156.0
45.0	156.0	142.6
47.5	140.0	129.0
50.0	125.9	116.8
52.5	113.6	106.4
55.0	102.9	97.13
57.5	93.31	88.27
60.0	84.15	79.51
62.5	75.25	71.00
65.0	66.40	62.17
67.5	57.63	53.43
70.0	49.11	44.79
72.5	40.84	36.64
75.0	33.03	29.12
77.5	25.72	22.14
80.0	19.20	15.74
82.5	13.51	10.11
85.0	8.215	4.876
87.5	2.903	2.012
90.0	1.828	1.631
92.5	1.969	1.729
95.0	2.123	1.900
97.5	2.294	2.053
100.0	2.472	2.231
102.5	2.662	2.428
105.0	2.859	2.618
107.5	3.073	2.832
110.0	3.306	3.065
112.5	3.558	3.304
115.0	3.840	3.586
117.5	4.171	3.893
120.0	4.539	4.260
122.5	4.950	4.683
125.0	5.374	5.149
127.5	5.827	5.658
130.0	6.293	6.185
132.5	6.735	6.694
135.0	7.164	7.167
137.5	7.563	7.572
140.0	7.936	7.928
142.5	8.249	8.216
145.0	8.519	8.461
147.5	8.758	8.683
150.0	8.972	8.885
152.5	9.138	9.069
155.0	9.284	9.240
157.5	9.389	9.363
160.0	9.462	9.486
162.5	9.505	9.572
165.0	9.523	9.658
167.5	9.548	9.664
170.0	9.634	9.658
172.5	9.812	9.633
175.0	10.08	9.682
177.5	10.42	9.963
180.0	10.76	10.35

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-19

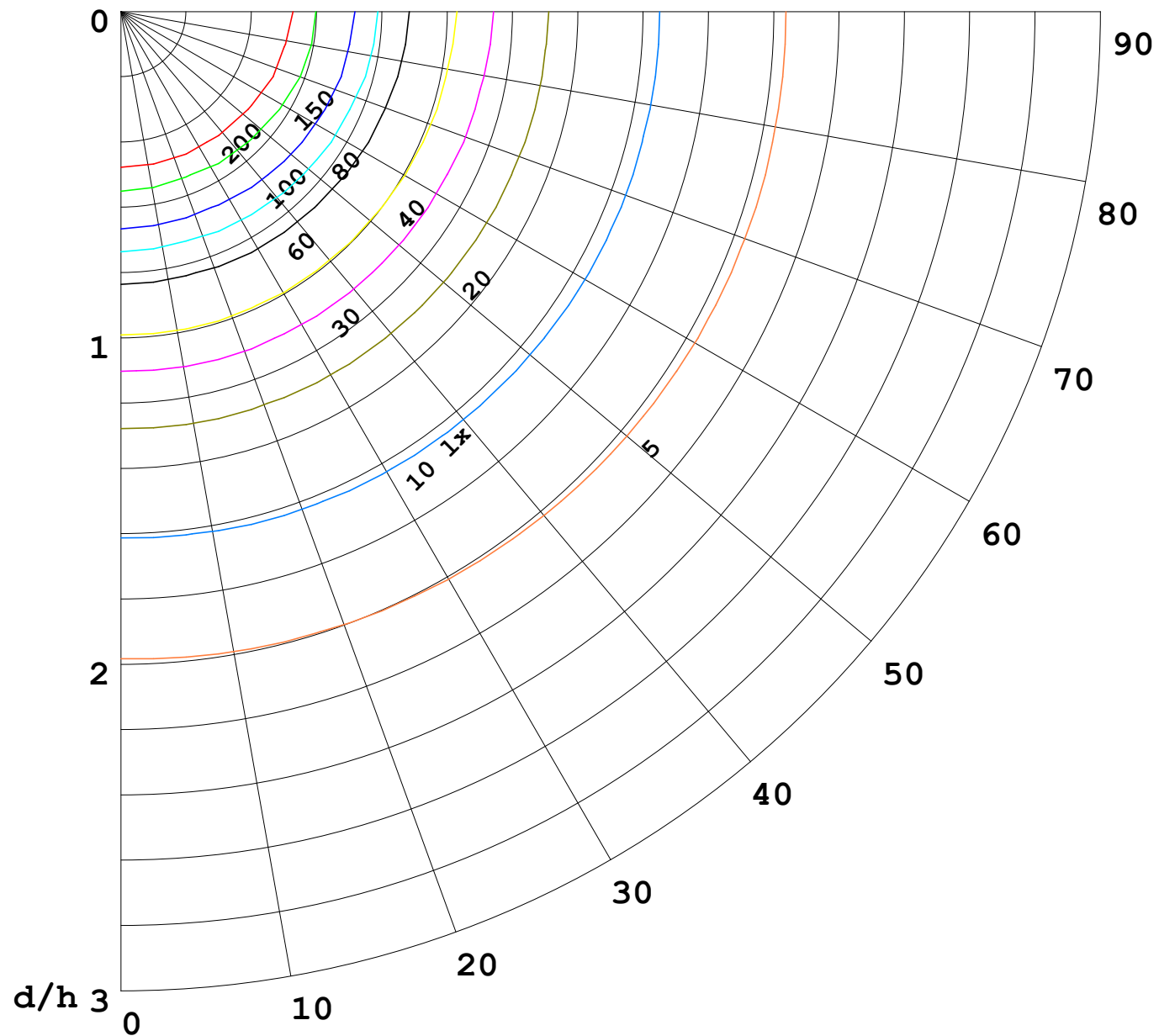
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

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

