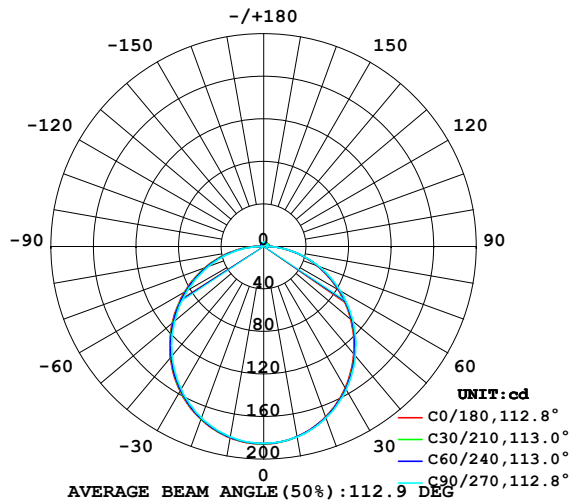


LUMINAIRE PHOTOMETRIC TEST REPORT

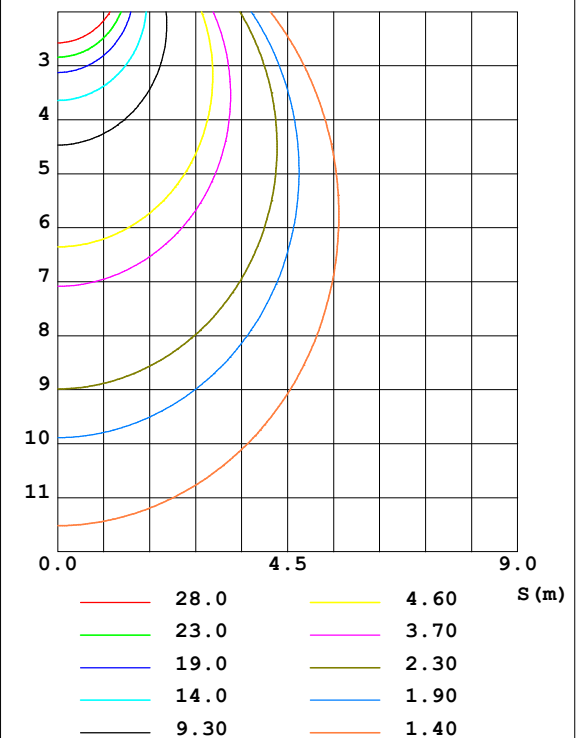
Test:U:24.00V I:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.03 lm/W			
MODEL		I _{max} (cd)	185.7	S/MH (C0/180)	1.23
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	567.64	η UP, DN (C0-180)	2.1, 47.9
NOMINAL FLUX (lm)	567.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.3
LAMPS INSIDE	1	η up (%)	3.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	96.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



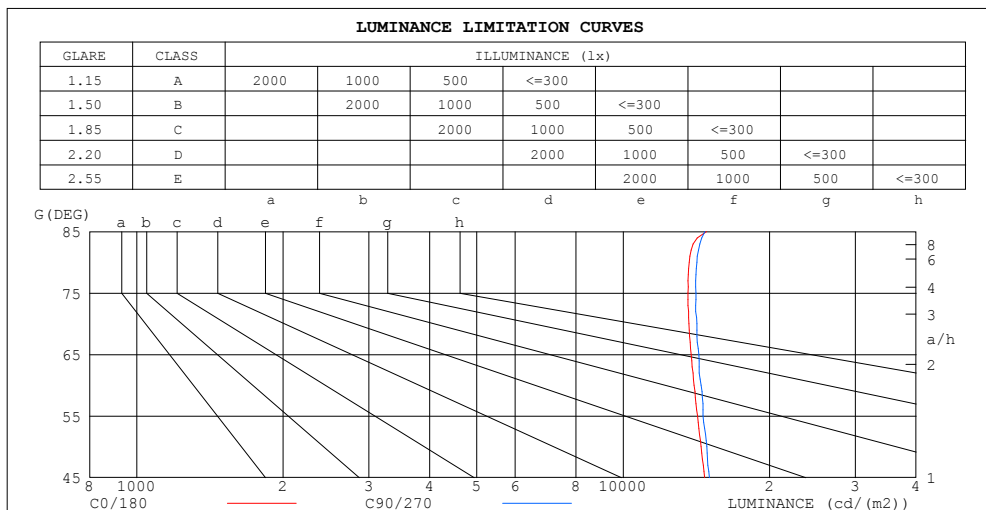
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-02

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	181.6	181.6	181.8	182.0	182.8	182.2	181.7	181.4	0- 10	17.53	17.53	3.09,3.09
20	170.5	171.1	171.5	172.1	173.0	172.3	171.5	170.8	10- 20	50.09	67.62	11.9,11.9
30	153.4	154.4	155.4	156.2	157.3	156.5	155.1	154.2	20- 30	75.63	143.2	25.2,25.2
40	131.7	132.9	134.1	135.4	136.7	135.7	134.0	132.8	30- 40	90.88	234.1	41.2,41.2
50	106.9	108.3	109.8	111.1	112.4	111.4	109.5	108.1	40- 50	94.32	328.4	57.9,57.9
60	80.42	81.75	83.15	84.85	86.14	84.90	82.71	81.51	50- 60	86.35	414.8	73.1,73.1
70	53.68	54.75	55.76	57.66	59.04	57.52	55.29	54.54	60- 70	68.90	483.7	85.2,85.2
80	27.31	28.00	28.31	30.40	31.78	30.02	27.58	27.64	70- 80	44.80	528.5	93.1,93.1
90	6.974	5.786	2.762	6.484	8.153	5.854	1.952	5.083	80- 90	17.57	546.1	96.2,96.2
100	4.429	3.968	2.957	3.601	3.040	2.753	1.951	3.113	90-100	3.980	550.0	96.9,96.9
110	4.270	3.782	3.164	3.643	3.057	2.812	2.011	3.099	100-110	3.449	553.5	97.5,97.5
120	4.157	3.726	3.264	3.693	3.116	2.910	2.200	3.125	110-120	3.259	556.7	98.1,98.1
130	4.098	3.607	3.418	3.720	3.135	3.057	2.531	3.137	120-130	2.984	559.7	98.6,98.6
140	4.063	3.536	3.619	3.785	3.306	3.232	2.950	3.220	130-140	2.634	562.4	99.1,99.1
150	3.992	3.557	3.791	3.808	3.389	3.324	3.276	3.327	140-150	2.198	564.6	99.5,99.5
160	3.879	3.666	3.879	3.844	3.602	3.575	3.530	3.433	150-160	1.667	566.2	99.8,99.8
170	3.678	3.814	3.927	3.820	3.608	3.752	3.720	3.720	160-170	1.051	567.3	99.9,99.9
180	3.678	3.873	3.927	3.876	3.672	3.847	3.921	3.885	170-180	0.3626	567.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14830	14718
80	13677	14176
75	13587	14115
70	13648	14176
65	13791	14304
60	13986	14461
55	14213	14602
50	14464	14853
45	14705	15036

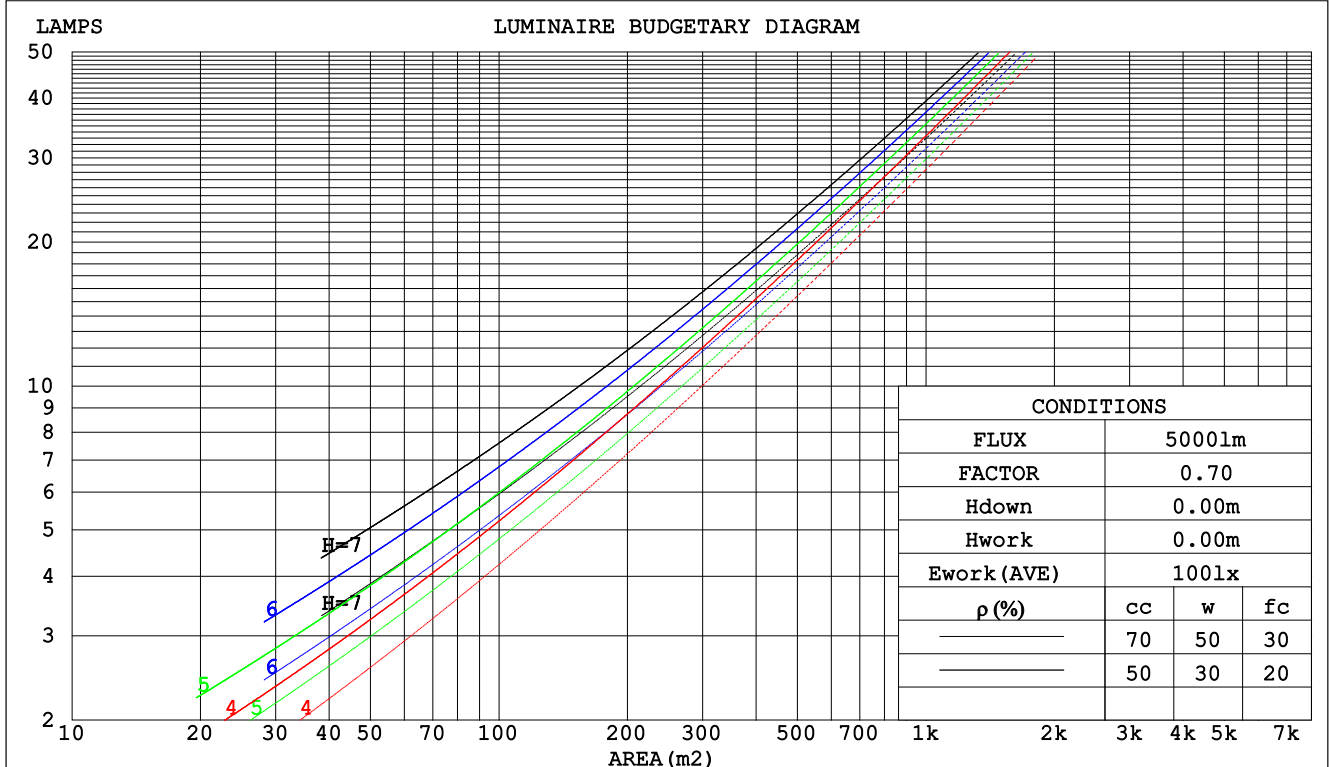
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.02	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.85	.86	.83	.81	.79
2.0	.88	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.77	.69	.62	.76	.68	.62	.72	.65	.60	.69	.63	.58	.66	.61	.57	.55
4.0	.68	.59	.53	.67	.58	.52	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.49	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.37	.33	.31
8.0	.45	.37	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.42	.33	.28	.41	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.25	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm					
NAME: SF15-24V-5050-60-4000K			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	.328	.186	.059	.319	.182	.058	.304	.174	.056	.289	.167	.054	.276	.160	.052	
2.0	.302	.165	.051	.294	.162	.050	.281	.156	.048	.268	.150	.047	.256	.145	.046	
3.0	.276	.147	.044	.270	.144	.043	.258	.140	.042	.246	.135	.041	.236	.130	.040	
4.0	.253	.132	.039	.248	.130	.038	.237	.125	.037	.226	.122	.037	.217	.118	.036	
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.201	.107	.032	
6.0	.216	.108	.031	.211	.107	.031	.202	.104	.030	.194	.101	.030	.186	.098	.029	
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.174	.090	.027	
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.083	.024	
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.159	.080	.023	.153	.078	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.073	.021	

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	.219	.219	.219	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.211	.185	.162	.180	.159	.140	.123	.109	.097	.071	.063	.056	.023	.020	.018	
2.0	.203	.161	.126	.174	.139	.109	.119	.096	.076	.069	.056	.045	.022	.018	.015	
3.0	.195	.144	.103	.167	.124	.089	.115	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.188	.131	.087	.161	.113	.076	.111	.079	.053	.064	.046	.032	.021	.015	.010	
5.0	.180	.120	.077	.155	.104	.067	.107	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.173	.112	.069	.149	.097	.060	.102	.068	.042	.059	.040	.025	.019	.013	.008	
7.0	.166	.105	.063	.143	.091	.055	.099	.064	.039	.057	.038	.023	.019	.012	.008	
8.0	.159	.100	.059	.137	.086	.051	.095	.061	.036	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.055	.132	.082	.048	.091	.058	.034	.053	.034	.020	.017	.011	.007	
10.0	.147	.090	.052	.127	.079	.046	.088	.055	.033	.051	.033	.019	.017	.011	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm											
NAME: SF15-24V-5050-60-4000K						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		21.8	23.3	22.1	23.6	23.8	21.9	23.4	22.2	23.7	23.9
	3H	23.5	24.8	23.8	25.1	25.5	23.6	25.0	23.9	25.3	25.6
	4H	24.2	25.5	24.6	25.8	26.2	24.3	25.7	24.7	26.0	26.3
	6H	24.8	26.1	25.2	26.4	26.8	25.0	26.2	25.4	26.6	26.9
	8H	25.1	26.3	25.5	26.6	27.0	25.2	26.4	25.6	26.8	27.1
	12H	25.3	26.4	25.7	26.8	27.2	25.4	26.6	25.8	26.9	27.3
4H	2H	22.4	23.8	22.8	24.1	24.4	22.5	23.8	22.9	24.1	24.5
	3H	24.3	25.5	24.7	25.8	26.2	24.4	25.6	24.8	25.9	26.3
	4H	25.2	26.3	25.6	26.6	27.1	25.3	26.4	25.7	26.8	27.2
	6H	26.0	26.9	26.4	27.3	27.8	26.1	27.0	26.5	27.4	27.9
	8H	26.3	27.2	26.8	27.6	28.1	26.4	27.3	26.9	27.7	28.2
	12H	26.5	27.4	27.0	27.8	28.3	26.7	27.5	27.2	27.9	28.4
8H	4H	25.5	26.4	26.0	26.9	27.3	25.6	26.5	26.1	26.9	27.4
	6H	26.5	27.2	27.0	27.7	28.2	26.6	27.3	27.1	27.8	28.3
	8H	26.9	27.6	27.5	28.1	28.6	27.0	27.7	27.6	28.2	28.7
	12H	27.3	27.9	27.9	28.4	29.0	27.4	28.0	27.9	28.5	29.0
12H	4H	25.6	26.4	26.1	26.8	27.3	25.7	26.5	26.2	26.9	27.4
	6H	26.6	27.3	27.1	27.8	28.3	26.7	27.3	27.2	27.8	28.4
	8H	27.1	27.7	27.6	28.2	28.7	27.2	27.7	27.7	28.3	28.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 567.6 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: 2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

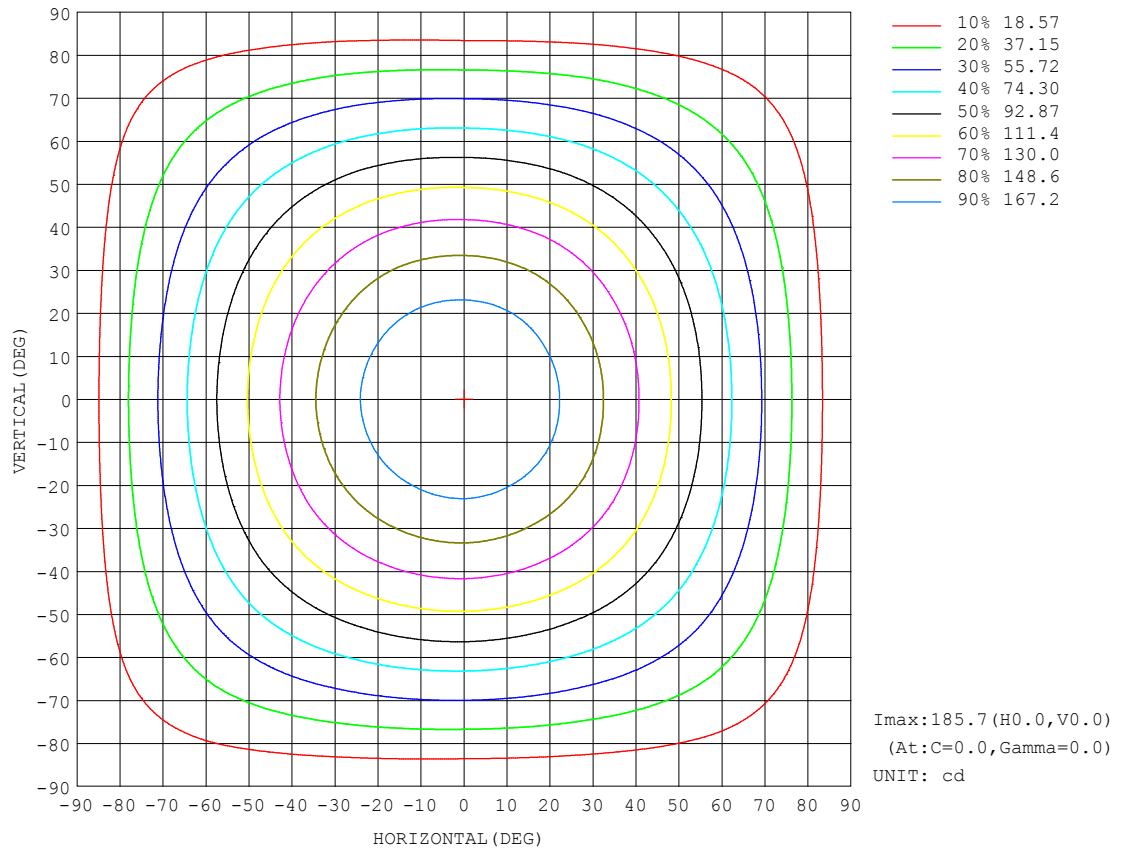
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	80	72	66	58
2.00	93	84	77	90	82	76	86	79	74	65
2.50	97	88	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	87	83	73
4.00	104	98	93	102	96	91	97	92	88	78
5.00	107	102	97	104	99	95	99	95	92	81
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:2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

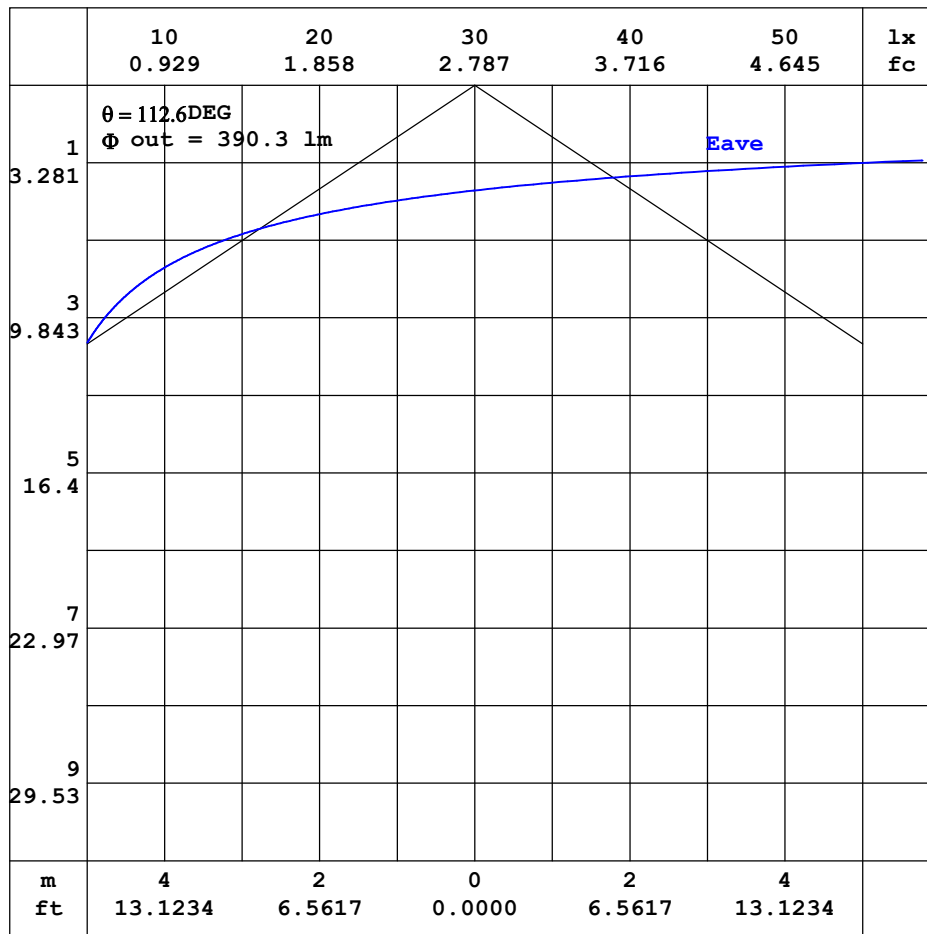


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



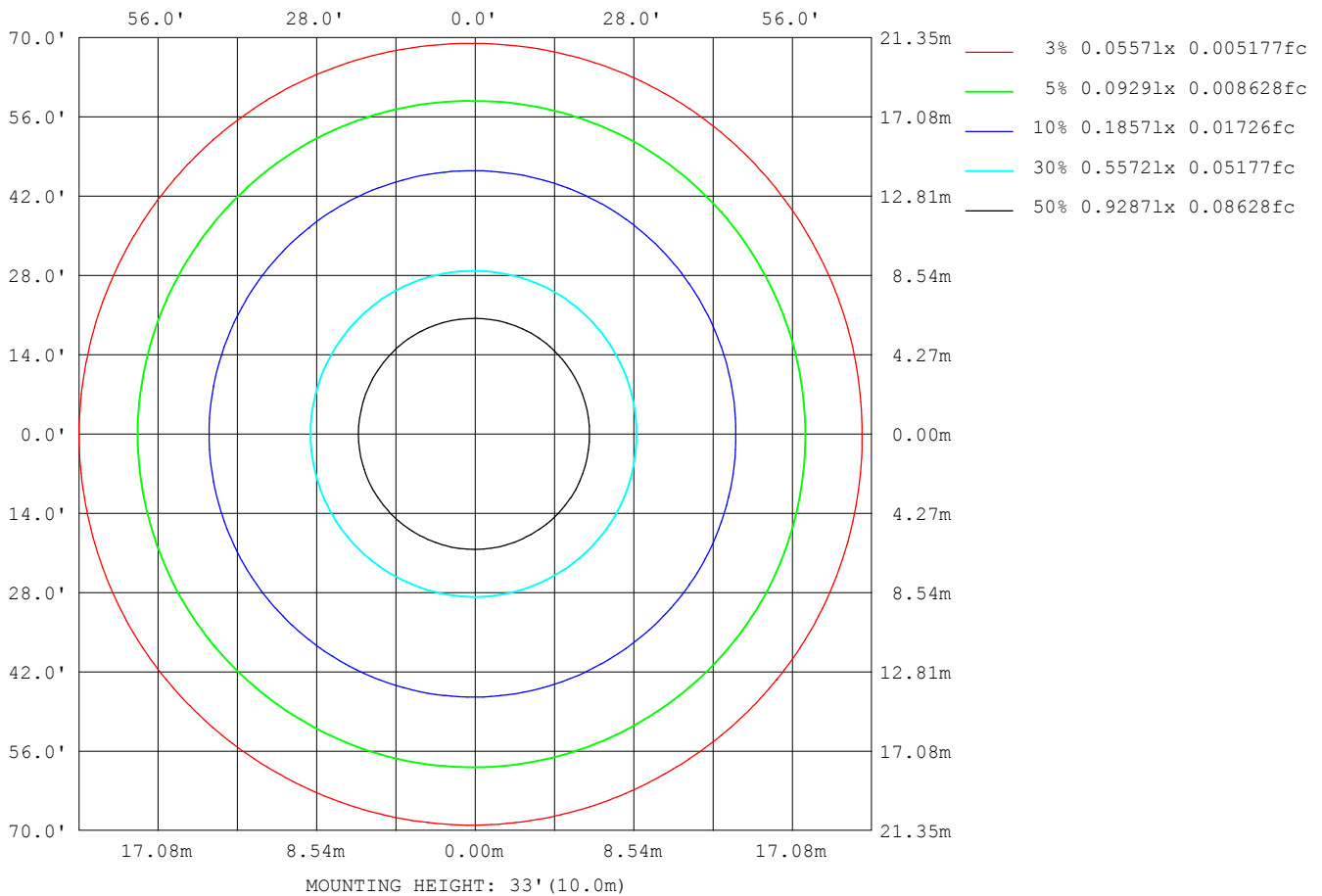
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-02

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

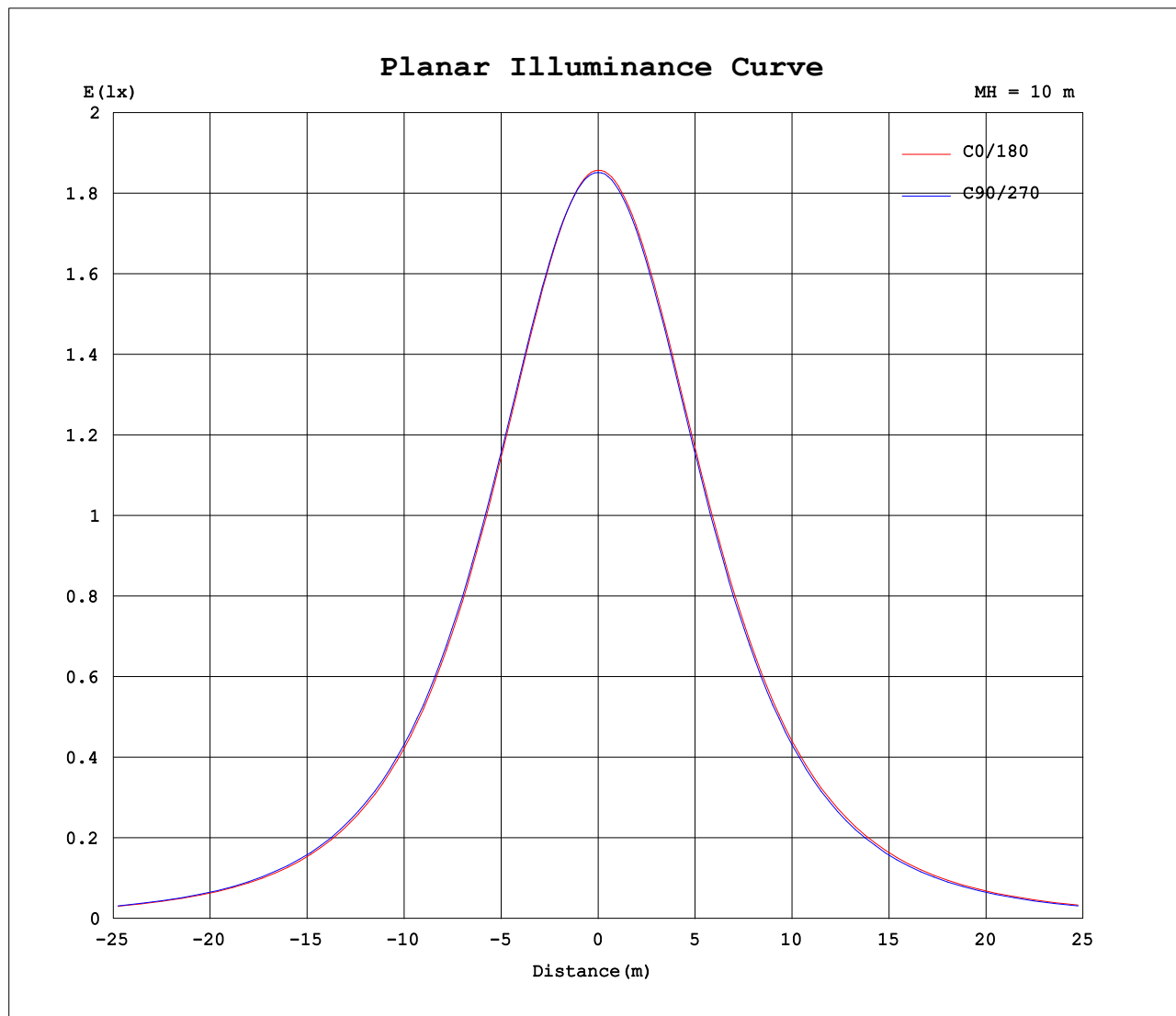
Test:U:24.00V I:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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: 2024-08-02

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:0.5138A P:12.33W PF:1.000 Lamp Flux:567.64x1 lm		
NAME: SF15-24V-5050-60-4000K	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	186	185	185	185	185	185	186	185	185	185	185	185							
5	185	184	184	184	184	185	185	185	185	184	184	184							
10	182	182	182	182	182	182	183	182	182	182	182	181							
15	177	177	177	177	178	178	179	178	178	177	177	177							
20	170	171	171	172	172	172	173	173	172	171	171	170							
25	163	163	163	164	164	165	166	165	165	164	164	163							
30	153	154	154	155	156	157	157	157	156	155	155	154							
35	143	144	144	145	146	147	147	147	146	145	145	143							
40	132	133	133	134	135	136	137	136	136	134	134	132							
45	120	121	121	122	123	124	125	124	124	122	121	120							
50	107	108	108	110	110	112	112	112	111	110	109	107							
55	93.7	95.0	95.3	96.3	97.3	98.9	99.4	98.7	97.9	96.3	95.6	94.4							
60	80.4	81.6	81.9	83.1	83.9	85.8	86.1	85.3	84.5	82.7	82.2	80.8							
65	67.0	68.2	68.3	69.5	70.3	72.3	72.6	71.7	70.8	69.0	68.6	67.4							
70	53.7	54.7	54.8	55.8	56.7	58.6	59.0	57.9	57.1	55.3	55.1	54.0							
75	40.4	41.3	41.3	42.0	43.1	44.9	45.4	44.1	43.3	41.4	41.5	40.6							
80	27.3	28.1	27.9	28.3	29.5	31.3	31.8	30.4	29.6	27.6	28.0	27.3							
85	14.9	15.2	14.6	14.8	16.1	17.8	18.3	17.0	16.0	14.0	14.6	14.4							
90	6.97	6.77	4.80	2.76	5.24	7.73	8.15	6.97	4.74	1.95	4.30	5.87							
95	4.52	4.33	3.76	2.84	3.45	3.81	3.34	3.01	2.55	1.92	2.87	3.56							
100	4.43	4.29	3.65	2.96	3.45	3.75	3.04	2.92	2.58	1.95	2.83	3.40							
105	4.39	4.09	3.56	3.07	3.46	3.75	3.04	2.92	2.64	2.00	2.83	3.34							
110	4.27	4.00	3.56	3.16	3.54	3.75	3.06	2.92	2.70	2.01	2.84	3.35							
115	4.20	3.98	3.56	3.22	3.57	3.75	3.08	2.94	2.77	2.09	2.90	3.35							
120	4.16	3.93	3.52	3.26	3.62	3.76	3.12	2.99	2.83	2.20	2.91	3.34							
125	4.13	3.91	3.42	3.32	3.63	3.78	3.12	3.06	2.92	2.37	2.93	3.34							
130	4.10	3.86	3.36	3.42	3.64	3.80	3.13	3.11	3.00	2.53	2.99	3.29							
135	4.09	3.78	3.36	3.52	3.68	3.83	3.18	3.18	3.09	2.75	3.06	3.29							
140	4.06	3.71	3.36	3.62	3.72	3.85	3.31	3.26	3.20	2.95	3.15	3.29							
145	4.04	3.63	3.44	3.70	3.73	3.85	3.39	3.29	3.30	3.10	3.25	3.29							
150	3.99	3.59	3.52	3.79	3.77	3.85	3.39	3.24	3.41	3.28	3.32	3.33							
155	3.93	3.59	3.68	3.84	3.83	3.85	3.51	3.35	3.51	3.43	3.43	3.36							
160	3.88	3.60	3.74	3.88	3.84	3.85	3.60	3.55	3.60	3.53	3.43	3.44							
165	3.84	3.70	3.75	3.91	3.85	3.85	3.64	3.64	3.69	3.63	3.51	3.62							
170	3.68	3.86	3.77	3.93	3.87	3.77	3.61	3.72	3.78	3.72	3.71	3.73							
175	3.68	3.86	3.85	3.93	3.91	3.82	3.68	3.82	3.84	3.82	3.85	3.78							
180	3.68	3.86	3.89	3.93	3.92	3.83	3.67	3.85	3.84	3.92	3.92	3.85							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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	185.7	185.5	185.3	185.2	185.1	185.2	185.7	185.5	185.3	185.2
3.0	185.3	185.1	184.9	184.9	184.9	185.0	185.6	185.3	185.0	184.9
6.0	184.1	184.1	183.9	184.0	184.0	184.2	184.8	184.4	184.2	184.0
9.0	182.3	182.4	182.2	182.4	182.4	182.8	183.4	183.0	182.7	182.4
12.0	179.8	180.2	179.9	180.3	180.3	180.7	181.3	180.8	180.6	180.2
15.0	176.8	177.3	177.1	177.5	177.5	178.2	178.7	178.1	178.0	177.4
18.0	173.1	173.7	173.7	174.2	174.2	174.9	175.5	174.9	174.6	174.0
21.0	169.1	169.6	169.6	170.1	170.3	171.1	171.7	171.1	170.8	170.1
24.0	164.3	165.0	165.1	165.8	165.9	166.8	167.4	166.8	166.5	165.6
27.0	159.2	159.9	160.1	160.8	161.0	161.9	162.6	161.9	161.6	160.7
30.0	153.4	154.3	154.5	155.4	155.6	156.7	157.3	156.6	156.3	155.1
33.0	147.4	148.4	148.5	149.5	149.8	151.0	151.6	150.9	150.5	149.4
36.0	140.8	142.0	142.2	143.1	143.6	144.9	145.4	144.7	144.3	142.9
39.0	134.1	135.0	135.4	136.4	137.0	138.2	138.9	138.1	137.8	136.4
42.0	128.9	128.1	128.5	129.4	130.1	131.5	132.0	131.3	130.8	129.4
45.0	119.6	120.7	121.2	122.3	122.9	124.3	124.8	124.2	123.6	122.2
48.0	112.0	113.1	113.6	114.6	115.5	116.8	117.4	116.6	116.2	114.5
51.0	104.3	105.4	105.8	107.2	107.8	109.3	109.9	109.0	108.5	106.7
54.0	96.38	97.65	97.94	98.91	99.95	101.5	102.1	101.2	100.7	98.89
57.0	88.45	89.51	89.96	91.35	91.94	93.64	94.14	93.06	92.61	90.60
60.0	80.42	81.64	81.87	83.15	83.94	85.77	86.14	85.29	84.50	82.71
63.0	72.40	73.47	73.78	74.86	75.85	77.52	78.01	76.95	76.30	74.29
66.0	64.37	65.41	65.65	66.72	67.65	69.51	69.89	68.74	68.12	66.02
69.0	56.39	57.43	57.50	58.44	59.47	61.28	61.73	60.79	59.82	57.88
72.0	48.41	49.34	49.41	50.11	51.30	53.00	53.53	52.37	51.52	49.50
75.0	40.44	41.33	41.32	42.01	43.13	44.91	45.38	44.10	43.32	41.36
78.0	32.53	33.40	33.24	33.76	34.94	36.70	37.21	36.21	35.06	33.30
81.0	24.68	25.52	25.24	25.56	26.82	28.55	29.09	27.72	26.87	24.88
84.0	17.06	17.58	17.25	17.45	18.73	20.48	20.97	19.74	18.71	16.72
87.0	11.21	11.19	9.567	9.341	10.75	12.84	13.39	12.10	10.60	8.716
90.0	6.974	6.774	4.798	2.762	5.242	7.725	8.153	6.972	4.736	1.952
93.0	4.676	4.435	3.773	2.809	3.484	4.631	4.721	3.726	2.555	1.916
96.0	4.500	4.305	3.749	2.868	3.454	3.749	3.092	2.957	2.561	1.922
99.0	4.447	4.287	3.673	2.933	3.454	3.749	3.040	2.927	2.573	1.940
102.0	4.412	4.228	3.602	3.004	3.454	3.749	3.040	2.921	2.608	1.969
105.0	4.388	4.092	3.560	3.069	3.459	3.749	3.040	2.921	2.638	2.005
108.0	4.306	4.015	3.560	3.128	3.512	3.749	3.051	2.921	2.679	2.005
111.0	4.252	3.980	3.560	3.176	3.536	3.749	3.063	2.921	2.726	2.011
114.0	4.222	3.986	3.560	3.211	3.548	3.749	3.087	2.927	2.762	2.064
117.0	4.187	3.956	3.560	3.229	3.583	3.755	3.099	2.957	2.797	2.117
120.0	4.157	3.932	3.519	3.264	3.625	3.761	3.116	2.986	2.833	2.200
123.0	4.134	3.909	3.466	3.294	3.631	3.773	3.116	3.022	2.880	2.288
126.0	4.116	3.909	3.406	3.330	3.631	3.785	3.116	3.057	2.933	2.389
129.0	4.104	3.867	3.377	3.389	3.643	3.797	3.123	3.093	2.981	2.507
132.0	4.098	3.832	3.359	3.465	3.655	3.808	3.176	3.146	3.034	2.625
135.0	4.086	3.779	3.359	3.519	3.678	3.826	3.176	3.181	3.093	2.749
138.0	4.069	3.720	3.359	3.578	3.714	3.838	3.223	3.235	3.152	2.874
141.0	4.057	3.672	3.359	3.631	3.720	3.850	3.330	3.276	3.217	2.986
144.0	4.033	3.631	3.430	3.684	3.732	3.850	3.389	3.294	3.282	3.081
147.0	4.015	3.607	3.465	3.732	3.749	3.850	3.389	3.282	3.341	3.169
150.0	3.992	3.590	3.525	3.791	3.767	3.850	3.389	3.241	3.407	3.276
153.0	3.951	3.590	3.636	3.826	3.814	3.850	3.419	3.252	3.478	3.365
156.0	3.915	3.590	3.708	3.844	3.826	3.850	3.537	3.423	3.537	3.436
159.0	3.891	3.595	3.731	3.868	3.832	3.850	3.584	3.518	3.584	3.524
162.0	3.862	3.625	3.749	3.885	3.844	3.850	3.643	3.566	3.631	3.566
165.0	3.844	3.703	3.749	3.909	3.850	3.850	3.637	3.643	3.690	3.631
168.0	3.779	3.856	3.749	3.915	3.861	3.785	3.584	3.708	3.749	3.702
171.0	3.678	3.856	3.820	3.927	3.891	3.773	3.625	3.731	3.797	3.737
174.0	3.678	3.856	3.844	3.927	3.903	3.797	3.661	3.790	3.838	3.826
177.0	3.678	3.856	3.873	3.927	3.921	3.838	3.678	3.832	3.844	3.832
180.0	3.678	3.856	3.891	3.927	3.921	3.832	3.672	3.850	3.844	3.921
G/C	300.0	330.0								
0.0	185.1	185.2								
3.0	184.8	184.8								
6.0	183.8	183.7								
9.0	182.2	182.0								
12.0	180.0	179.6								
15.0	177.2	176.7								
18.0	173.7	173.1								
21.0	169.8	169.0								
24.0	165.3	164.4								
27.0	160.3	159.3								
30.0	154.8	153.5								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-02

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:

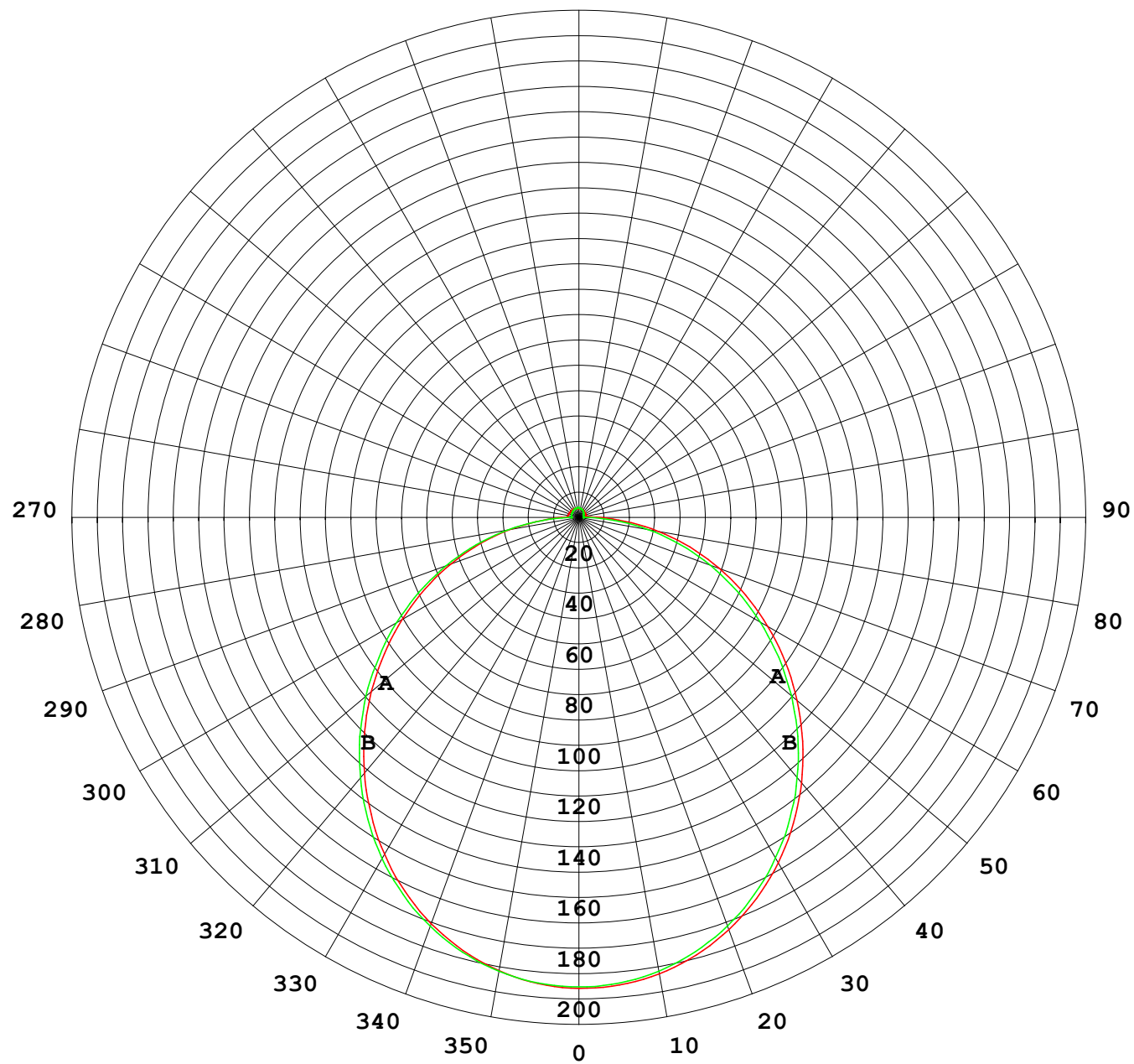
Photometric Data Table [cd]

33.0	148.9	147.6
36.0	142.6	141.1
39.0	135.9	134.4
42.0	128.8	127.5
45.0	121.5	120.0
48.0	113.9	112.5
51.0	106.2	104.9
54.0	98.28	96.93
57.0	90.28	88.79
60.0	82.18	80.83
63.0	74.01	72.67
66.0	65.90	64.52
69.0	57.75	56.73
72.0	49.56	48.47
75.0	41.47	40.55
78.0	33.40	32.70
81.0	25.31	24.67
84.0	17.28	16.87
87.0	9.463	10.45
90.0	4.300	5.865
93.0	2.886	3.669
96.0	2.868	3.501
99.0	2.827	3.394
102.0	2.827	3.317
105.0	2.827	3.341
108.0	2.839	3.353
111.0	2.862	3.353
114.0	2.892	3.347
117.0	2.909	3.341
120.0	2.909	3.341
123.0	2.921	3.341
126.0	2.939	3.341
129.0	2.975	3.288
132.0	3.016	3.288
135.0	3.063	3.288
138.0	3.117	3.288
141.0	3.170	3.288
144.0	3.223	3.288
147.0	3.276	3.294
150.0	3.324	3.329
153.0	3.430	3.341
156.0	3.430	3.371
159.0	3.430	3.442
162.0	3.442	3.448
165.0	3.507	3.624
168.0	3.631	3.666
171.0	3.761	3.726
174.0	3.838	3.755
177.0	3.885	3.820
180.0	3.921	3.850

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

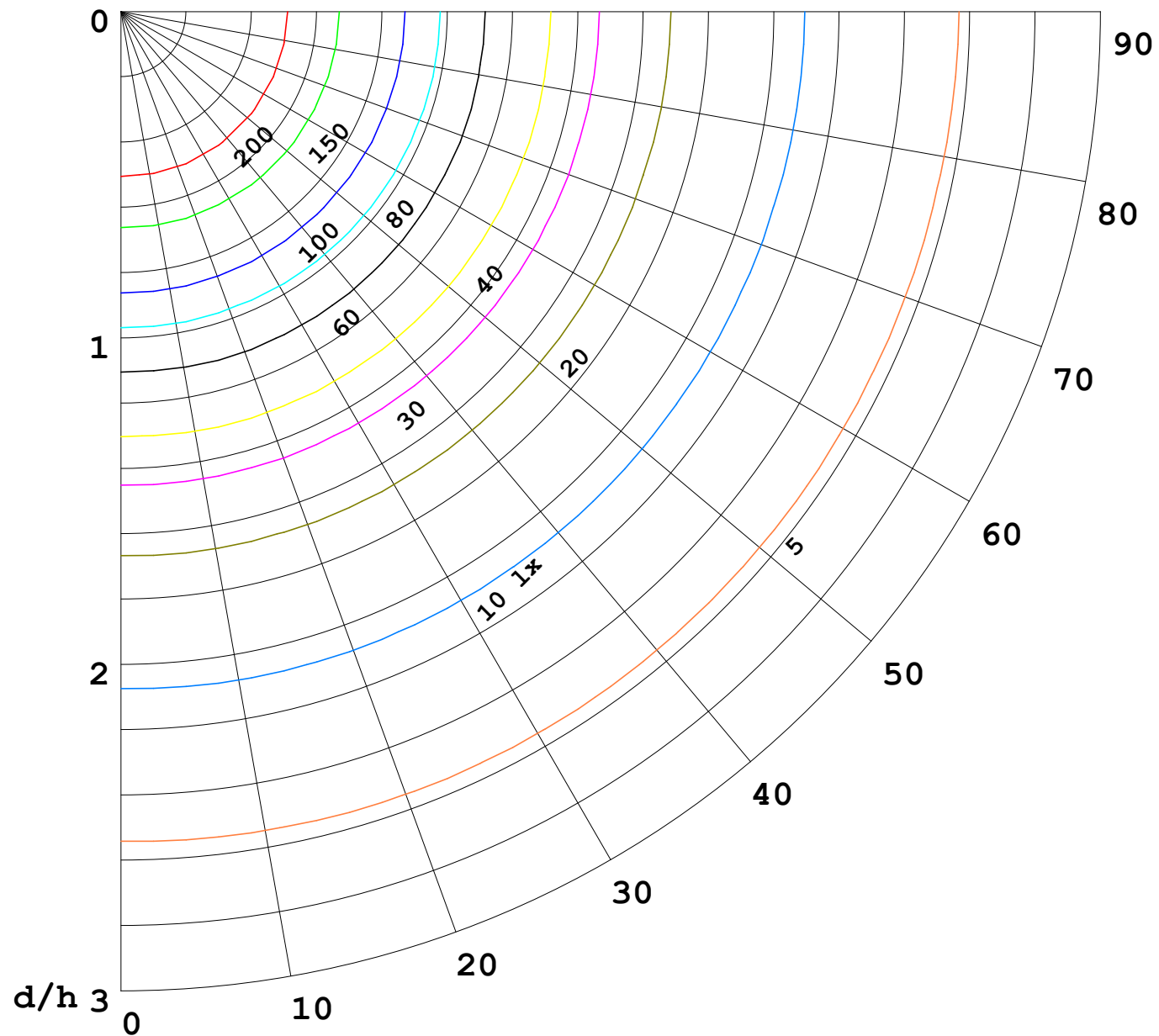
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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

