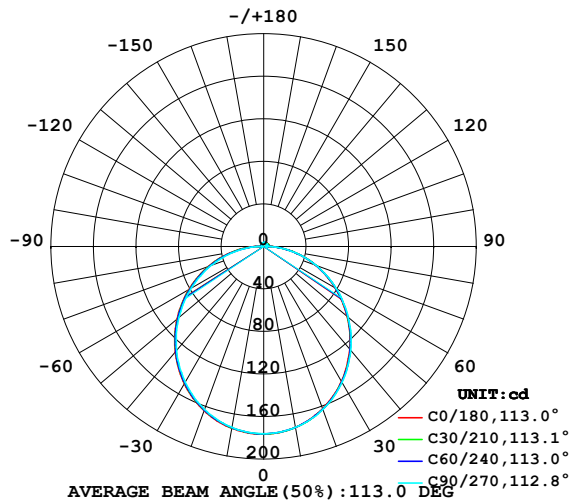


LUMINAIRE PHOTOMETRIC TEST REPORT

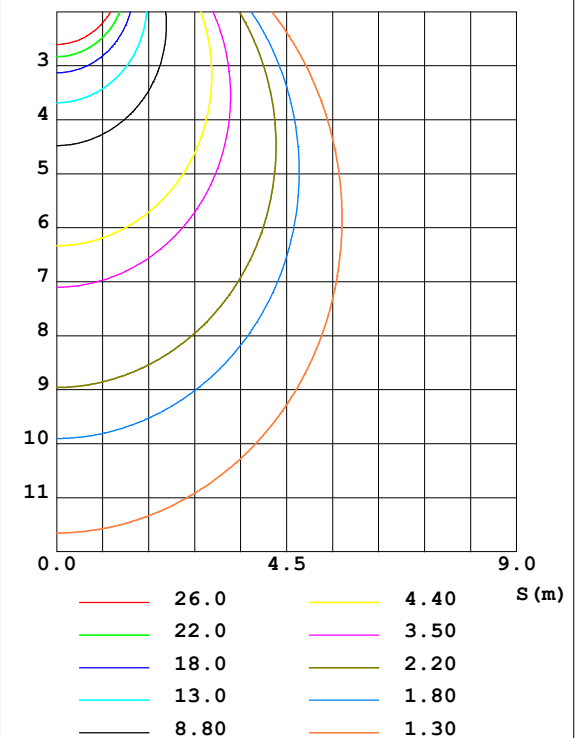
Test:U:24.00V I:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.98 lm/W			
MODEL		I _{max} (cd)	176.5	S/MH (C0/180)	1.24
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	540.82	η UP, DN (C0-180)	2.1, 47.9
NOMINAL FLUX (lm)	540.82	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.2
LAMPS INSIDE	1	η up (%)	3.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	96.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



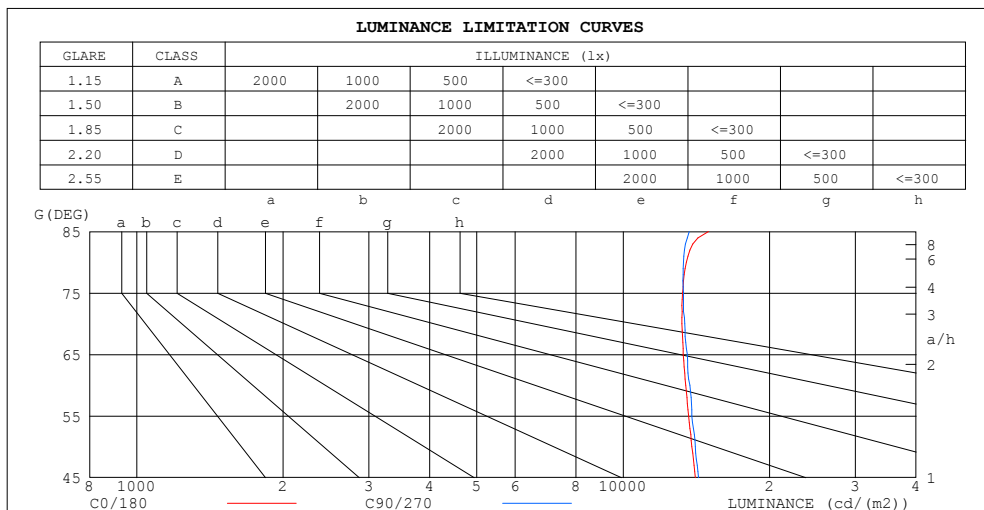
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-02

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	172.7	172.8	172.8	173.0	173.6	173.1	172.8	172.7	0- 10	16.66	16.66	3.08,3.08
20	162.4	162.8	163.0	163.5	164.2	163.7	163.0	162.7	10- 20	47.63	64.30	11.9,11.9
30	146.4	147.1	147.6	148.2	149.2	148.6	147.5	147.1	20- 30	71.93	136.2	25.2,25.2
40	125.9	126.7	127.4	128.3	129.6	128.7	127.6	126.9	30- 40	86.43	222.7	41.2,41.2
50	102.4	103.2	104.0	105.1	106.4	105.7	104.2	103.4	40- 50	89.74	312.4	57.8,57.8
60	77.34	78.09	78.81	80.06	81.53	80.35	78.65	78.31	50- 60	82.18	394.6	73,73
70	51.97	52.53	52.67	54.24	55.75	54.42	52.59	52.55	60- 70	65.61	460.2	85.1,85.1
80	26.94	27.24	26.57	28.40	29.86	28.35	26.47	26.95	70- 80	42.72	502.9	93,93
90	7.488	5.975	2.442	6.049	7.846	5.620	1.822	5.523	80- 90	16.88	519.8	96.1,96.1
100	4.690	4.016	2.679	3.424	3.057	2.747	1.750	3.193	90-100	3.961	523.7	96.8,96.8
110	4.494	3.743	2.916	3.442	3.028	2.773	1.750	3.113	100-110	3.406	527.1	97.5,97.5
120	4.329	3.601	3.075	3.477	3.028	2.741	2.217	3.108	110-120	3.177	530.3	98.1,98.1
130	4.086	3.572	3.235	3.536	3.117	2.791	2.543	2.972	120-130	2.887	533.2	98.6,98.6
140	3.986	3.560	3.424	3.586	3.153	3.040	2.797	3.013	130-140	2.528	535.7	99.1,99.1
150	3.856	3.628	3.572	3.619	3.347	3.256	3.128	3.137	140-150	2.118	537.8	99.5,99.5
160	3.885	3.640	3.631	3.646	3.477	3.433	3.353	3.306	150-160	1.613	539.5	99.7,99.7
170	3.596	3.655	3.708	3.672	3.495	3.575	3.548	3.563	160-170	1.012	540.5	99.9,99.9
180	3.590	3.669	3.702	3.690	3.542	3.669	3.690	3.675	170-180	0.3464	540.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14982	13681
80	13490	13303
75	13246	13303
70	13213	13392
65	13292	13540
60	13450	13707
55	13641	13849
50	13847	14073
45	14071	14286

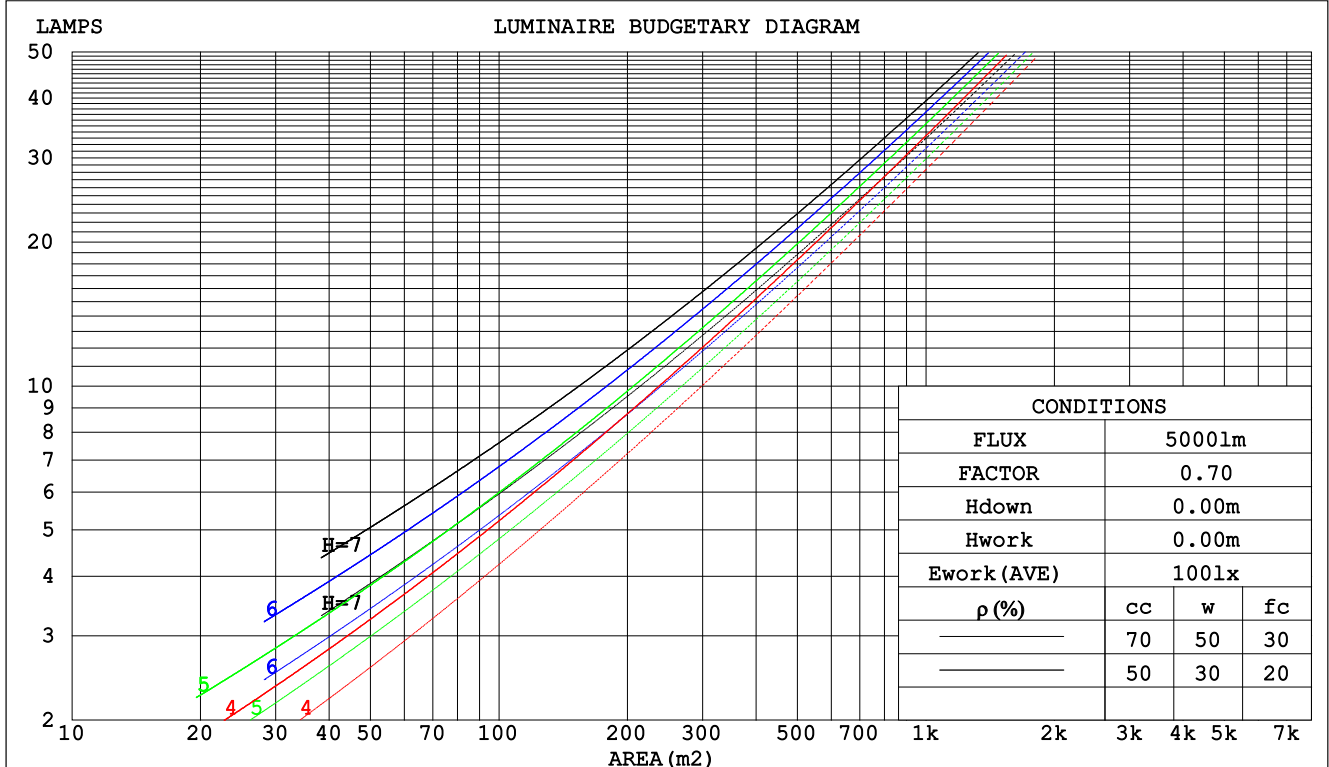
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	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	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.02	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.86	.83	.81	.79
2.0	.88	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.67	.65
3.0	.77	.69	.62	.76	.68	.61	.72	.65	.60	.69	.63	.58	.66	.61	.57	.54
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	.52	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.49	.43	.38	.47	.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	.31	.27	.37	.31	.26	.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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm					
NAME: SF15-24V-5050-60-2700K			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	.320	.182	.058	.304	.174	.056	.290	.167	.054	.276	.160	.052	
2.0	.302	.165	.051	.295	.162	.050	.281	.156	.048	.268	.150	.047	.256	.145	.046	
3.0	.276	.147	.044	.270	.145	.044	.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	.200	.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	.079	.023	.153	.078	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.072	.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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.211	.186	.163	.181	.160	.140	.124	.110	.097	.071	.064	.056	.023	.020	.018	
2.0	.204	.162	.127	.174	.139	.110	.120	.096	.076	.069	.056	.045	.022	.018	.015	
3.0	.196	.145	.104	.168	.125	.090	.115	.087	.063	.067	.051	.037	.021	.016	.012	
4.0	.188	.131	.088	.162	.114	.077	.111	.079	.054	.064	.046	.032	.021	.015	.010	
5.0	.181	.121	.077	.155	.105	.067	.107	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.174	.113	.069	.149	.098	.060	.103	.068	.043	.060	.040	.025	.019	.013	.008	
7.0	.167	.106	.064	.143	.092	.055	.099	.064	.039	.058	.038	.023	.019	.012	.008	
8.0	.160	.100	.059	.138	.087	.052	.095	.061	.037	.055	.036	.022	.018	.012	.007	
9.0	.154	.095	.056	.133	.083	.049	.092	.058	.035	.054	.034	.021	.017	.011	.007	
10.0	.148	.091	.053	.128	.079	.046	.089	.056	.033	.052	.033	.020	.017	.011	.007	

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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm											
NAME: SF15-24V-5050-60-2700K					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		21.7	23.2	22.0	23.4	23.7	21.7	23.2	22.0	23.5	23.8
	3H	23.4	24.7	23.7	25.0	25.4	23.4	24.8	23.8	25.1	25.4
	4H	24.1	25.4	24.5	25.7	26.1	24.2	25.5	24.5	25.8	26.1
	6H	24.8	26.0	25.1	26.3	26.7	24.8	26.0	25.2	26.4	26.7
	8H	25.0	26.2	25.4	26.6	26.9	25.0	26.2	25.4	26.6	26.9
	12H	25.2	26.4	25.6	26.7	27.1	25.2	26.4	25.6	26.7	27.1
4H	2H	22.3	23.6	22.7	23.9	24.3	22.3	23.7	22.7	24.0	24.3
	3H	24.2	25.4	24.6	25.7	26.1	24.2	25.4	24.6	25.8	26.1
	4H	25.1	26.2	25.5	26.6	27.0	25.1	26.2	25.6	26.6	27.0
	6H	25.9	26.8	26.4	27.3	27.7	25.9	26.8	26.4	27.3	27.7
	8H	26.2	27.1	26.7	27.6	28.0	26.2	27.1	26.7	27.5	28.0
	12H	26.5	27.3	27.0	27.8	28.3	26.5	27.3	27.0	27.7	28.2
8H	4H	25.5	26.3	25.9	26.8	27.2	25.5	26.3	25.9	26.8	27.2
	6H	26.5	27.2	27.0	27.7	28.2	26.4	27.2	26.9	27.6	28.1
	8H	26.9	27.6	27.4	28.0	28.6	26.9	27.5	27.4	28.0	28.5
	12H	27.3	27.9	27.9	28.4	29.0	27.2	27.8	27.8	28.3	28.9
12H	4H	25.5	26.3	26.0	26.7	27.2	25.5	26.3	26.0	26.8	27.3
	6H	26.6	27.2	27.1	27.7	28.2	26.5	27.2	27.1	27.7	28.2
	8H	27.1	27.6	27.6	28.1	28.7	27.0	27.6	27.6	28.1	28.7
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 540.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.1)

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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

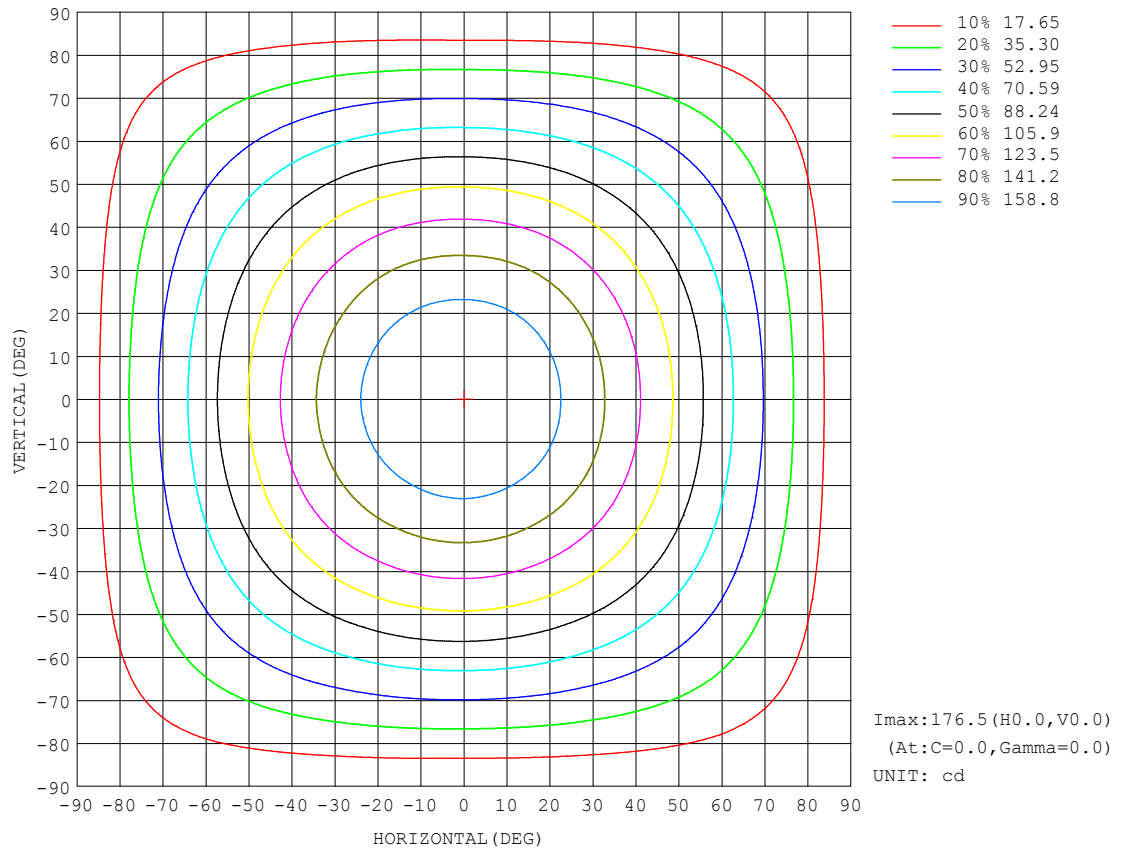
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	54	70	63	53	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	83	77	90	82	76	86	79	74	65
2.50	97	88	82	94	87	81	90	84	78	69
3.00	100	93	87	98	91	85	93	87	83	73
4.00	104	98	93	101	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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

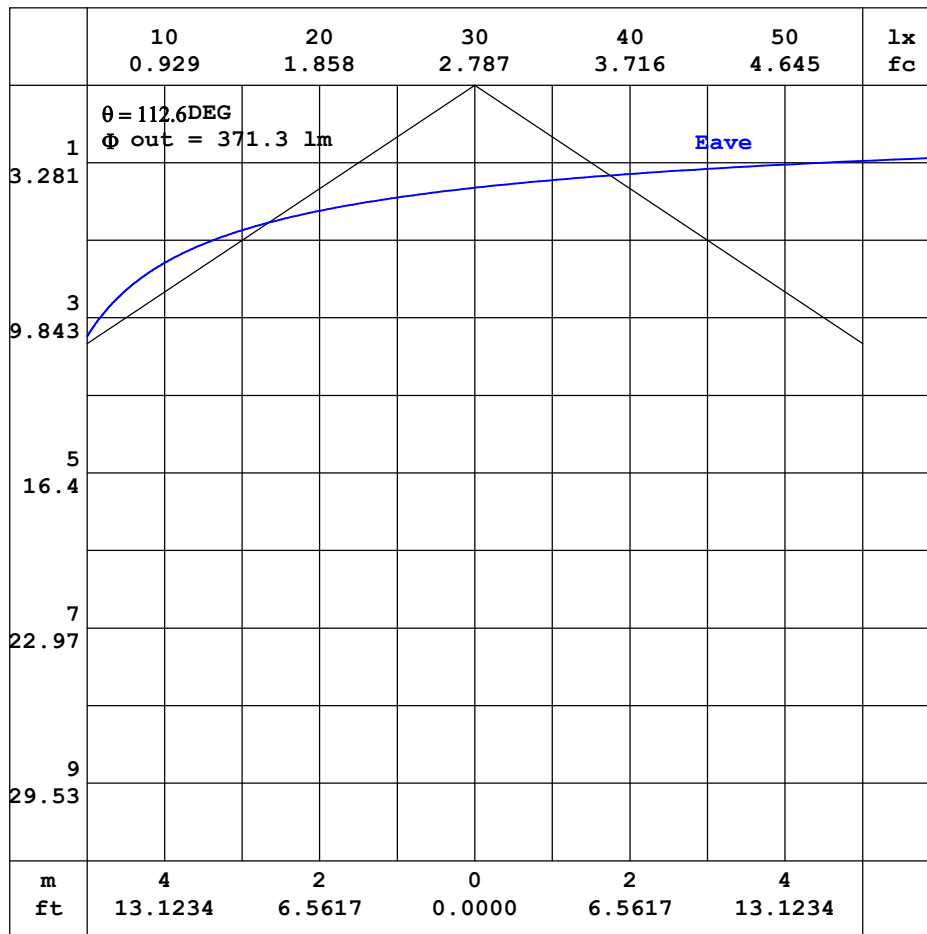


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



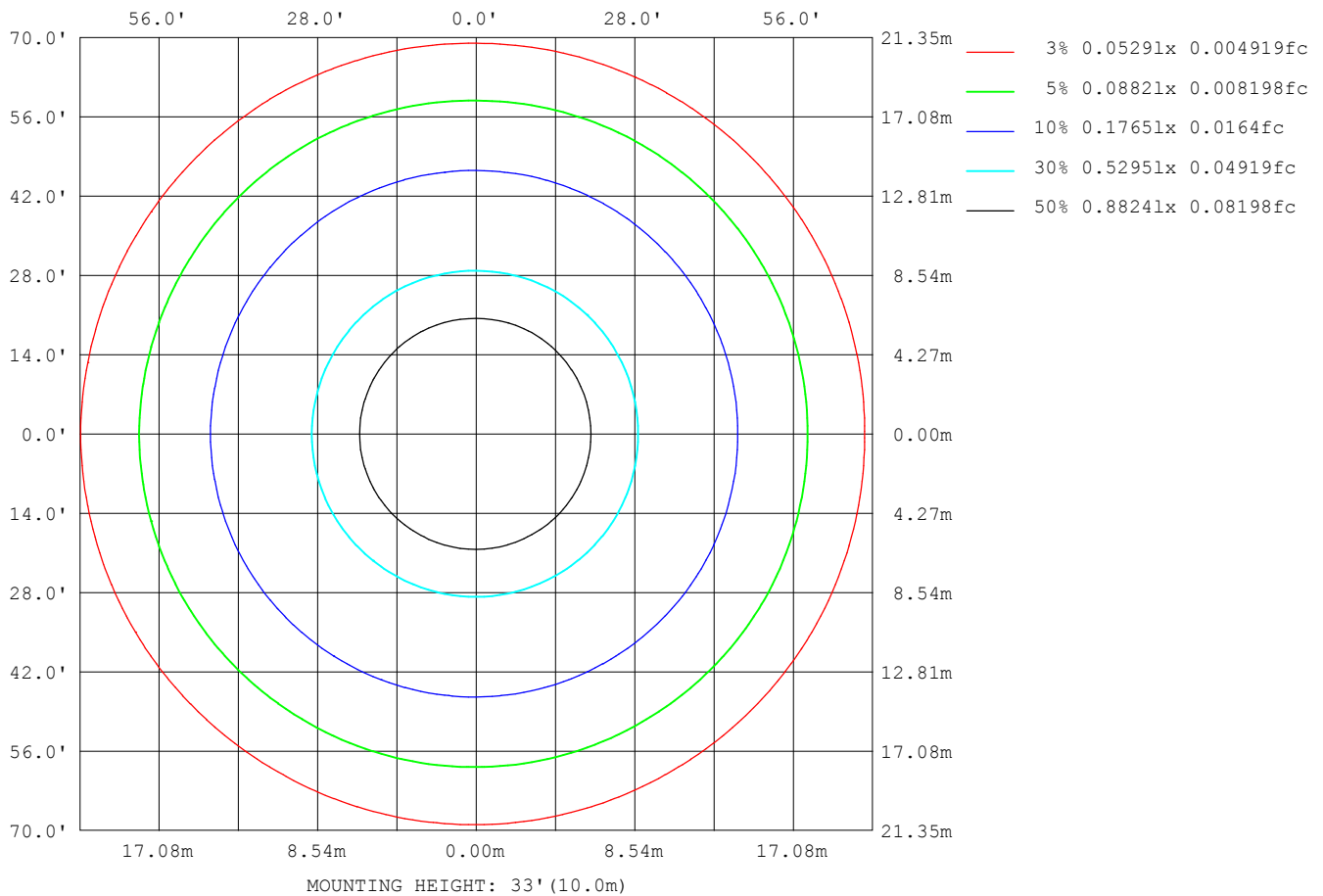
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

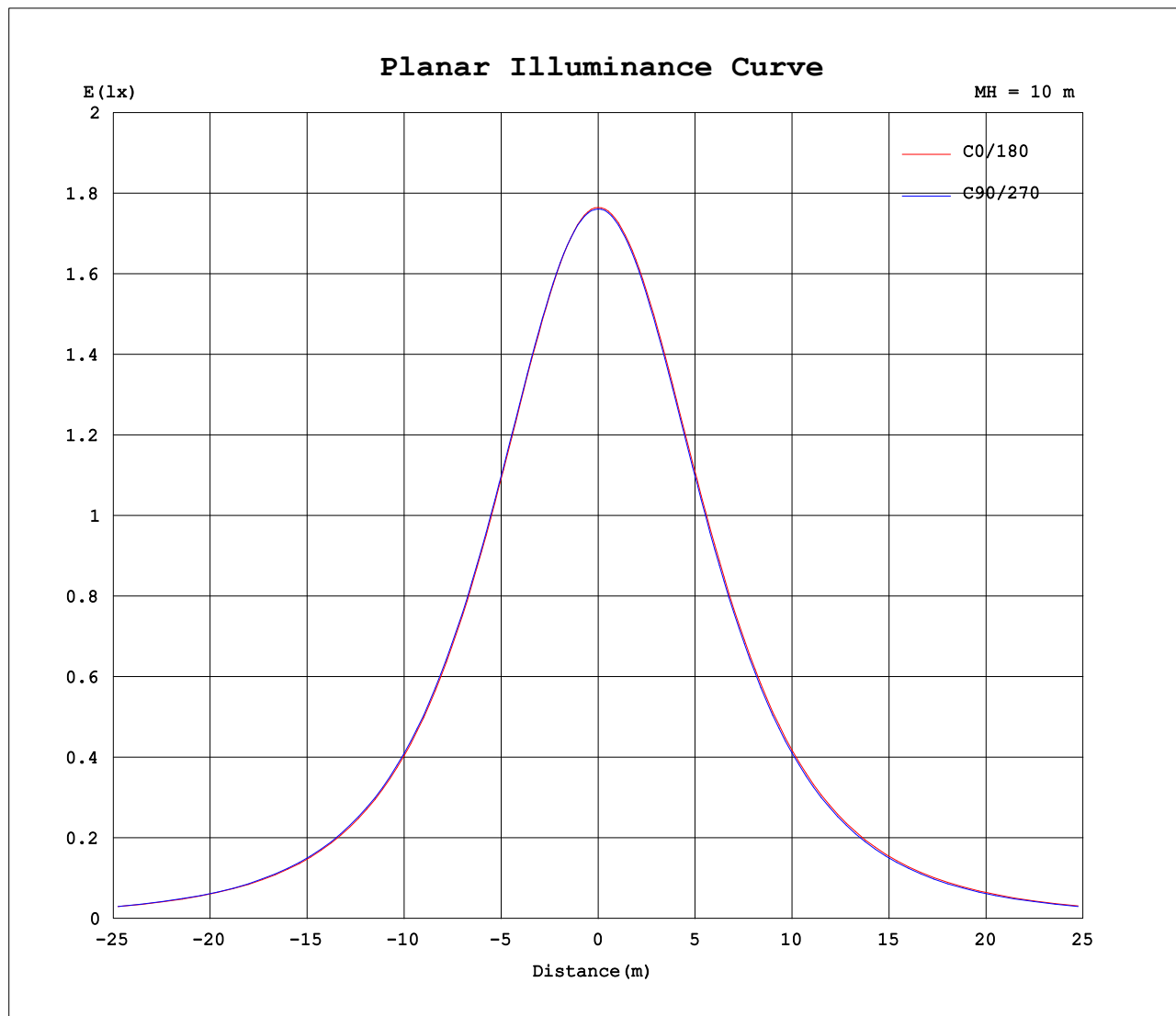
Test:U:24.00V I:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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:0.5010A P:12.02W PF:1.000 Lamp Flux:540.82x1 lm		
NAME: SF15-24V-5050-60-2700K	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	176	176	176	176	176	176	176	176	176	176	176	176							
5	175	175	175	175	175	175	176	176	175	175	175	175							
10	173	173	173	173	173	173	174	173	173	173	173	173							
15	168	169	168	169	169	169	170	169	169	169	169	169							
20	162	163	163	163	163	164	164	164	164	163	163	162							
25	155	156	156	156	156	157	157	157	157	156	156	155							
30	146	147	147	148	148	149	149	149	148	148	148	147							
35	137	137	137	138	138	139	140	139	139	138	138	137							
40	126	127	127	127	128	129	130	129	129	128	127	126							
45	114	115	115	116	116	118	118	118	117	116	116	115							
50	102	103	103	104	105	106	106	106	105	104	104	103							
55	90.0	90.7	90.8	91.4	92.1	93.4	94.1	93.4	93.0	91.6	91.4	90.5							
60	77.3	78.1	78.1	78.8	79.3	80.8	81.5	80.5	80.2	78.6	78.6	78.0							
65	64.6	65.4	65.2	65.8	66.4	67.9	68.6	67.5	67.1	65.7	65.7	65.1							
70	52.0	52.7	52.4	52.7	53.4	55.0	55.8	54.8	54.1	52.6	52.8	52.3							
75	39.4	40.1	39.6	39.6	40.5	42.1	42.8	41.7	40.9	39.5	39.9	39.6							
80	26.9	27.6	26.9	26.6	27.6	29.2	29.9	28.8	27.9	26.5	27.1	26.8							
85	15.0	15.1	14.3	13.7	14.8	16.4	17.1	16.0	15.0	13.5	14.4	14.4							
90	7.49	7.08	4.87	2.44	4.79	7.31	7.85	6.71	4.53	1.82	4.51	6.53							
95	4.76	4.48	3.73	2.54	3.21	3.71	3.26	3.03	2.51	1.75	2.96	3.76							
100	4.69	4.42	3.61	2.68	3.21	3.64	3.06	2.96	2.53	1.75	2.80	3.58							
105	4.64	4.30	3.50	2.81	3.22	3.63	3.05	2.94	2.56	1.75	2.79	3.52							
110	4.49	4.19	3.29	2.92	3.25	3.63	3.03	2.94	2.60	1.75	2.77	3.46							
115	4.40	4.12	3.29	3.01	3.28	3.62	3.03	2.94	2.60	1.91	2.79	3.45							
120	4.33	3.91	3.29	3.08	3.33	3.63	3.03	2.88	2.60	2.22	2.79	3.43							
125	4.22	3.90	3.29	3.14	3.35	3.64	3.10	2.87	2.54	2.39	2.76	3.41							
130	4.09	3.81	3.34	3.23	3.39	3.68	3.12	2.96	2.62	2.54	2.64	3.30							
135	4.08	3.63	3.44	3.34	3.44	3.68	3.15	2.99	2.84	2.67	2.83	3.07							
140	3.99	3.62	3.50	3.42	3.48	3.69	3.15	3.09	2.99	2.80	2.96	3.07							
145	3.90	3.68	3.56	3.50	3.52	3.69	3.24	3.20	3.12	2.91	3.06	3.09							
150	3.86	3.68	3.58	3.57	3.55	3.69	3.35	3.28	3.24	3.13	3.14	3.13							
155	3.87	3.67	3.63	3.60	3.57	3.69	3.39	3.35	3.34	3.25	3.37	3.15							
160	3.89	3.65	3.63	3.63	3.60	3.69	3.48	3.43	3.44	3.35	3.42	3.19							
165	3.84	3.65	3.63	3.68	3.62	3.69	3.47	3.48	3.52	3.45	3.50	3.48							
170	3.60	3.66	3.65	3.71	3.65	3.69	3.49	3.55	3.60	3.55	3.60	3.52							
175	3.59	3.66	3.67	3.71	3.67	3.69	3.54	3.62	3.69	3.63	3.68	3.61							
180	3.59	3.66	3.68	3.70	3.69	3.69	3.54	3.65	3.68	3.69	3.70	3.65							

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	176.5	176.3	176.2	176.1	176.1	176.1	176.5	176.3	176.2	176.1
3.0	176.1	176.0	175.9	175.8	175.8	175.9	176.3	176.1	175.9	175.9
6.0	175.1	175.1	174.9	174.9	174.9	175.2	175.5	175.2	175.1	175.0
9.0	173.4	173.5	173.3	173.4	173.4	173.7	174.2	173.8	173.7	173.5
12.0	171.1	171.4	171.1	171.4	171.3	171.8	172.2	171.8	171.7	171.4
15.0	168.3	168.6	168.5	168.7	168.7	169.3	169.7	169.3	169.1	168.7
18.0	164.8	165.3	165.1	165.5	165.5	166.2	166.6	166.1	166.0	165.5
21.0	161.0	161.5	161.5	161.7	161.8	162.5	163.0	162.5	162.3	161.7
24.0	156.6	157.1	157.1	157.6	157.6	158.4	158.9	158.4	158.2	157.5
27.0	151.8	152.3	152.3	152.8	152.9	153.7	154.3	153.8	153.5	152.7
30.0	146.4	147.0	147.1	147.6	147.7	148.6	149.2	148.7	148.5	147.5
33.0	140.7	141.3	141.4	141.9	142.1	143.1	143.8	143.1	143.0	141.9
36.0	134.6	135.2	135.3	135.9	136.2	137.4	137.9	137.2	137.1	136.1
39.0	128.1	128.9	128.9	129.5	129.9	131.0	131.7	130.9	130.8	129.8
42.0	121.4	122.2	122.2	122.8	123.3	124.6	125.2	124.5	124.3	123.1
45.0	114.4	115.2	115.3	116.2	116.4	117.7	118.3	117.7	117.4	116.3
48.0	107.3	108.0	108.2	108.7	109.3	110.6	111.2	110.7	110.3	109.1
51.0	99.92	100.7	100.9	101.6	102.1	103.4	104.0	103.3	103.0	101.7
54.0	92.47	93.24	93.33	93.89	94.61	95.83	96.64	96.08	95.50	94.21
57.0	84.89	85.79	85.73	86.60	86.98	88.43	89.15	88.36	87.89	86.51
60.0	77.34	78.09	78.09	78.81	79.35	80.77	81.53	80.54	80.16	78.65
63.0	69.72	70.39	70.40	70.90	71.67	73.01	73.79	73.09	72.34	70.95
66.0	62.11	62.81	62.70	63.14	63.86	65.35	66.06	64.87	64.55	63.08
69.0	54.52	55.19	54.96	55.23	56.08	57.54	58.29	57.49	56.67	55.17
72.0	46.97	47.55	47.25	47.31	48.29	49.82	50.51	49.39	48.77	47.40
75.0	39.43	40.07	39.59	39.60	40.51	42.13	42.78	41.67	40.94	39.52
78.0	31.92	32.42	31.92	31.75	32.74	34.33	35.06	33.95	33.12	31.61
81.0	24.44	25.21	24.33	23.97	25.02	26.58	27.31	26.20	25.33	23.88
84.0	17.13	17.54	16.77	16.29	17.35	18.93	19.63	18.52	17.57	16.10
87.0	11.59	11.46	9.395	8.574	9.804	11.88	12.60	11.40	9.918	8.303
90.0	7.488	7.075	4.875	2.442	4.792	7.306	7.846	6.711	4.530	1.822
93.0	4.991	4.682	3.738	2.490	3.224	4.401	4.615	3.649	2.513	1.750
96.0	4.737	4.476	3.731	2.573	3.211	3.684	3.122	3.004	2.513	1.750
99.0	4.701	4.435	3.643	2.655	3.211	3.643	3.075	2.969	2.519	1.750
102.0	4.678	4.417	3.549	2.721	3.211	3.631	3.057	2.957	2.537	1.750
105.0	4.636	4.305	3.495	2.809	3.217	3.631	3.051	2.945	2.561	1.750
108.0	4.536	4.240	3.312	2.874	3.252	3.631	3.028	2.945	2.590	1.750
111.0	4.477	4.187	3.294	2.933	3.252	3.625	3.028	2.945	2.602	1.750
114.0	4.429	4.122	3.294	2.987	3.276	3.619	3.028	2.939	2.602	1.868
117.0	4.376	4.056	3.294	3.040	3.300	3.619	3.028	2.922	2.602	2.034
120.0	4.329	3.915	3.288	3.075	3.329	3.625	3.028	2.880	2.602	2.217
123.0	4.293	3.915	3.288	3.122	3.341	3.625	3.057	2.868	2.543	2.336
126.0	4.181	3.903	3.288	3.158	3.365	3.661	3.105	2.897	2.537	2.430
129.0	4.098	3.832	3.335	3.217	3.388	3.678	3.105	2.957	2.596	2.513
132.0	4.080	3.743	3.365	3.276	3.436	3.690	3.146	2.975	2.703	2.596
135.0	4.080	3.631	3.441	3.335	3.442	3.684	3.146	2.992	2.845	2.673
138.0	4.027	3.613	3.465	3.383	3.453	3.690	3.128	3.057	2.945	2.744
141.0	3.962	3.625	3.524	3.430	3.489	3.690	3.205	3.110	3.022	2.821
144.0	3.909	3.661	3.548	3.483	3.519	3.690	3.235	3.187	3.093	2.886
147.0	3.868	3.678	3.566	3.519	3.530	3.690	3.300	3.246	3.158	2.963
150.0	3.856	3.678	3.578	3.572	3.548	3.690	3.347	3.276	3.235	3.128
153.0	3.856	3.672	3.625	3.590	3.566	3.690	3.383	3.329	3.306	3.199
156.0	3.897	3.655	3.625	3.607	3.572	3.690	3.418	3.371	3.365	3.264
159.0	3.891	3.649	3.625	3.631	3.590	3.690	3.466	3.430	3.424	3.335
162.0	3.868	3.649	3.631	3.655	3.619	3.690	3.471	3.442	3.471	3.394
165.0	3.844	3.655	3.631	3.678	3.625	3.690	3.471	3.477	3.519	3.453
168.0	3.679	3.661	3.637	3.702	3.649	3.690	3.465	3.524	3.572	3.524
171.0	3.595	3.661	3.660	3.708	3.660	3.690	3.495	3.548	3.625	3.560
174.0	3.590	3.661	3.660	3.708	3.672	3.690	3.525	3.578	3.673	3.625
177.0	3.590	3.661	3.672	3.708	3.678	3.690	3.542	3.625	3.684	3.643
180.0	3.590	3.661	3.678	3.702	3.690	3.690	3.542	3.655	3.684	3.690
G/C	300.0	330.0								
0.0	176.1	176.1								
3.0	175.8	175.9								
6.0	174.9	174.9								
9.0	173.4	173.3								
12.0	171.3	171.1								
15.0	168.7	168.3								
18.0	165.4	165.1								
21.0	161.7	161.1								
24.0	157.4	156.9								
27.0	152.7	152.0								
30.0	147.5	146.6								

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:

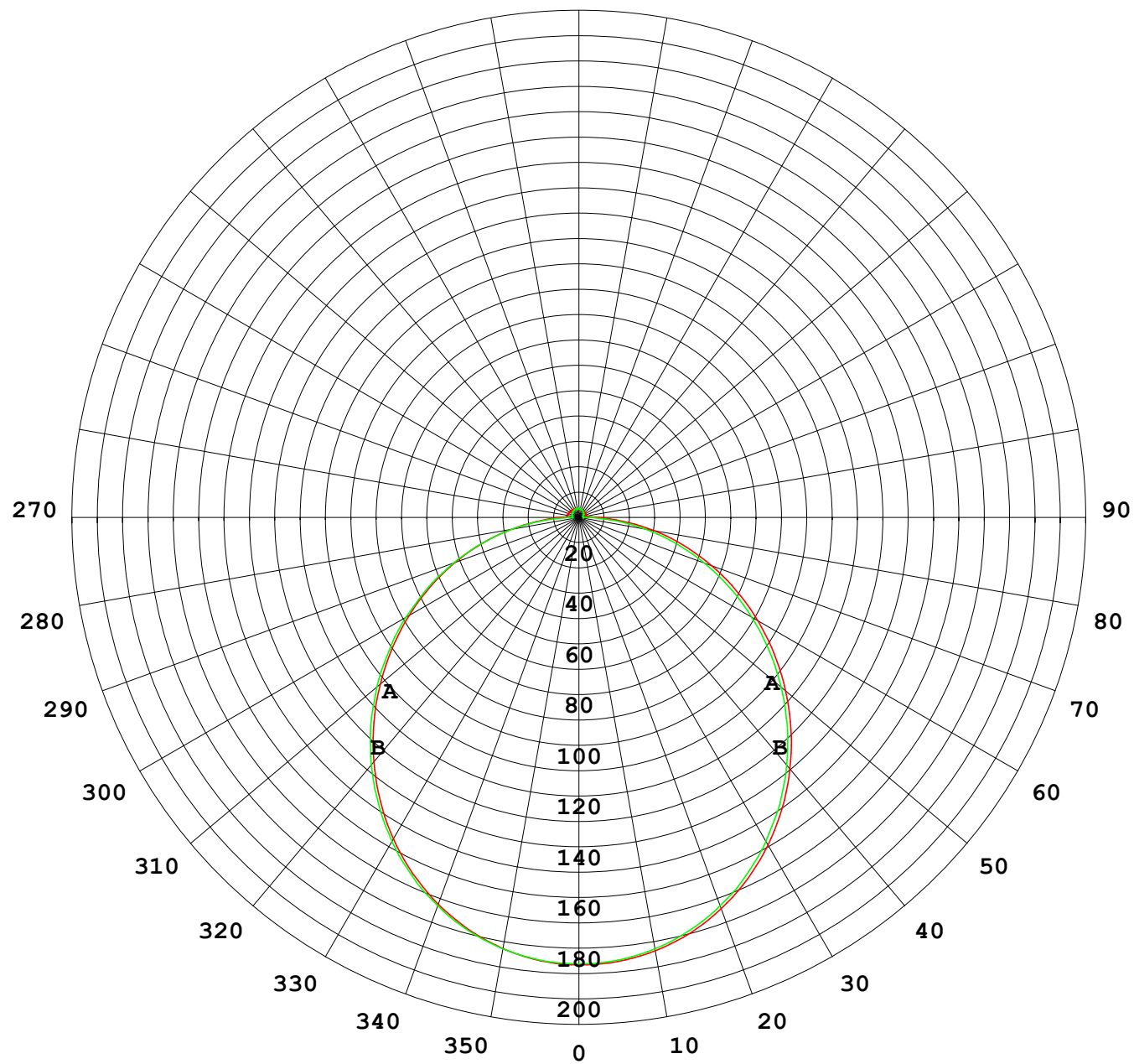
Photometric Data Table [cd]

33.0	141.9	141.1
36.0	135.9	135.0
39.0	129.6	128.6
42.0	123.0	122.0
45.0	116.0	115.0
48.0	108.8	107.7
51.0	101.5	100.7
54.0	93.99	92.93
57.0	86.40	85.48
60.0	78.62	78.00
63.0	70.88	70.27
66.0	63.15	62.54
69.0	55.36	54.88
72.0	47.60	47.46
75.0	39.94	39.59
78.0	32.26	31.96
81.0	24.56	24.42
84.0	16.92	16.91
87.0	9.488	10.56
90.0	4.513	6.533
93.0	2.963	3.936
96.0	2.951	3.714
99.0	2.850	3.590
102.0	2.791	3.566
105.0	2.785	3.525
108.0	2.768	3.447
111.0	2.732	3.454
114.0	2.739	3.454
117.0	2.785	3.459
120.0	2.785	3.430
123.0	2.773	3.424
126.0	2.720	3.412
129.0	2.638	3.318
132.0	2.703	3.164
135.0	2.833	3.069
138.0	2.898	3.069
141.0	2.993	3.069
144.0	3.046	3.093
147.0	3.087	3.105
150.0	3.140	3.134
153.0	3.324	3.146
156.0	3.371	3.152
159.0	3.401	3.176
162.0	3.448	3.223
165.0	3.501	3.476
168.0	3.566	3.501
171.0	3.613	3.525
174.0	3.661	3.572
177.0	3.696	3.625
180.0	3.696	3.655

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

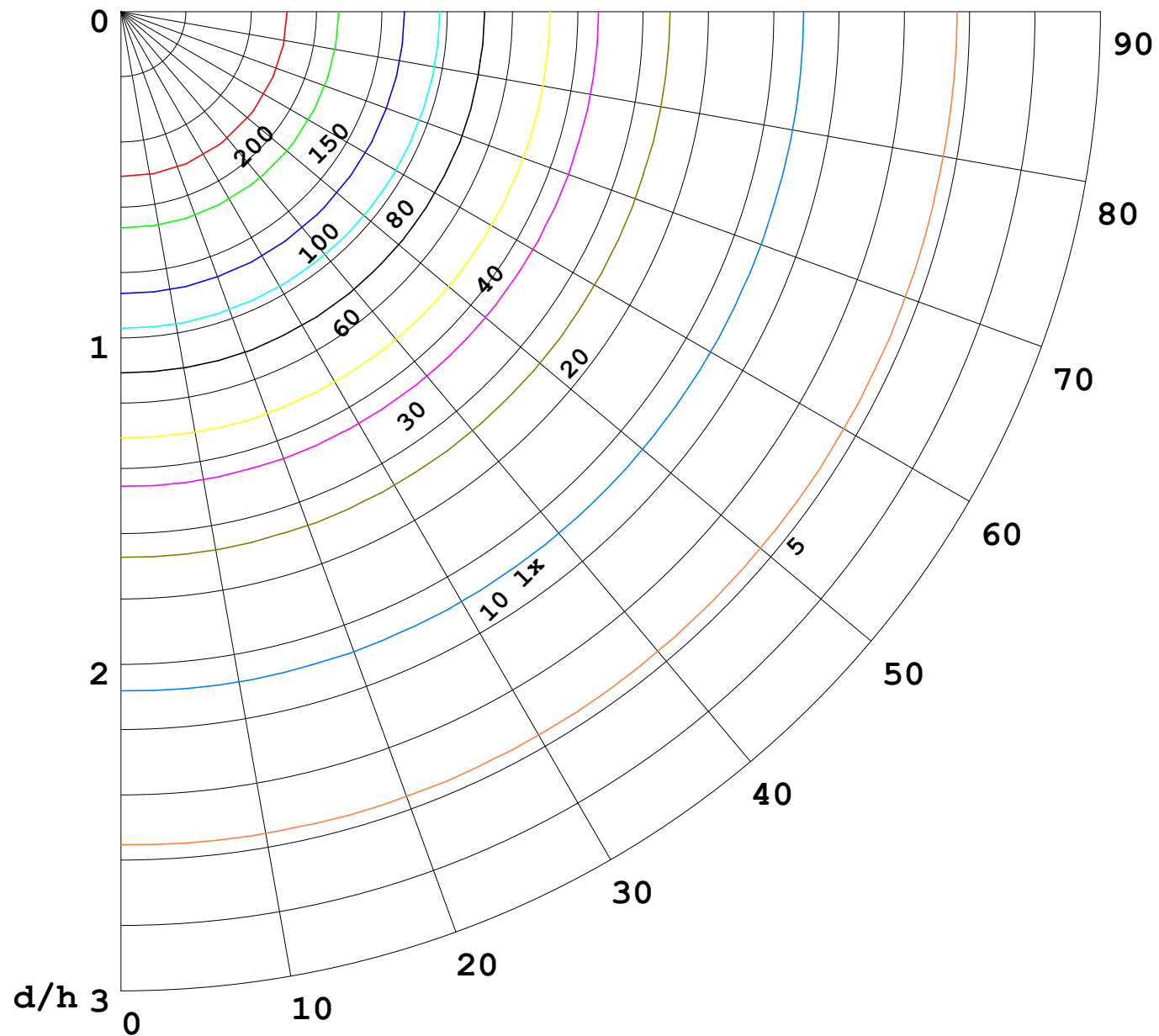
√ Range: 0 - 180DEG
√ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

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

