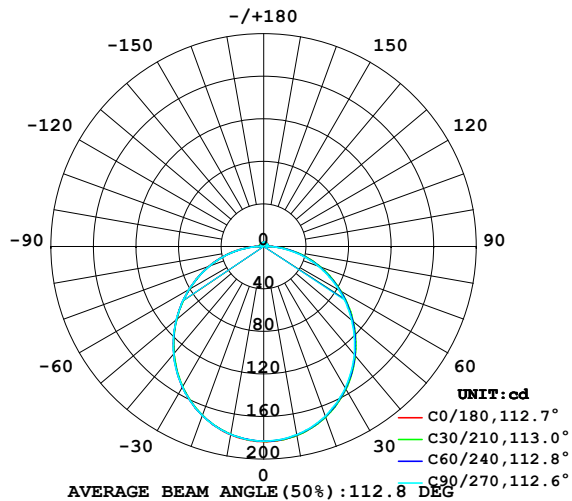


LUMINAIRE PHOTOMETRIC TEST REPORT

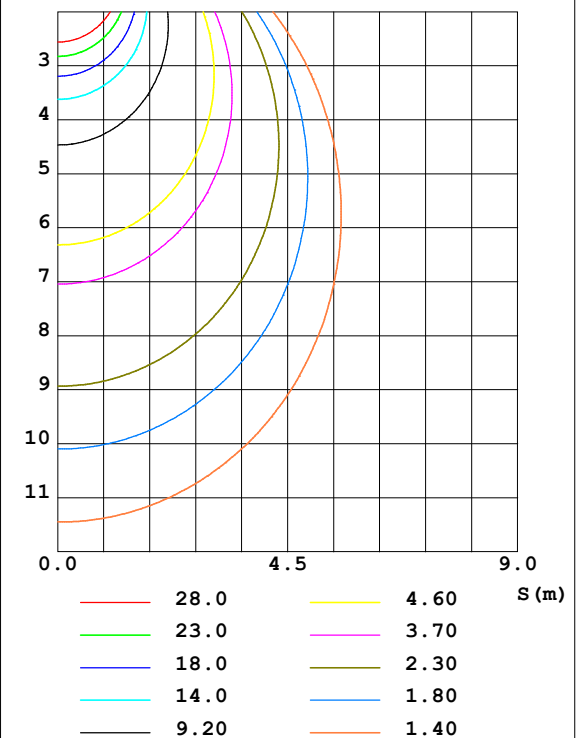
Test:U:24.00V I:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 45.87 lm/W			
MODEL		I _{max} (cd)	183.5	S/MH (C0/180)	1.25
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	561.47	η UP, DN (C0-180)	2.1, 48.1
NOMINAL FLUX (lm)	561.466	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.9, 47.9
LAMPS INSIDE	1	η up (%)	4.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	96.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



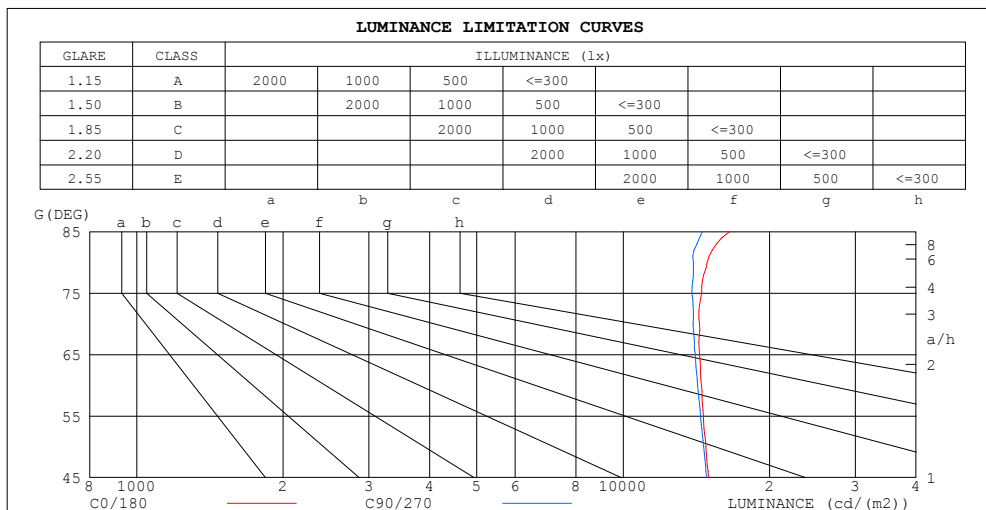
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-02

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	180.3	180.1	179.7	179.2	179.7	179.3	179.4	179.8	0- 10	17.31	17.31	3.08,3.08
20	170.3	170.3	169.8	168.9	169.1	168.9	169.1	169.9	10- 20	49.48	66.80	11.9,11.9
30	154.2	154.5	153.6	152.5	152.7	152.6	152.7	154.0	20- 30	74.70	141.5	25.2,25.2
40	133.6	133.8	132.6	131.5	131.5	131.5	131.9	133.3	30- 40	89.72	231.2	41.2,41.2
50	109.4	109.6	108.1	107.1	107.1	107.0	107.5	109.2	40- 50	93.06	324.3	57.8,57.8
60	83.23	83.41	81.81	80.96	81.11	80.90	81.34	83.06	50- 60	85.16	409.4	72.9,72.9
70	56.44	56.40	54.74	54.38	54.89	54.46	54.20	56.29	60- 70	67.97	477.4	85,85
80	29.74	29.56	27.84	28.06	28.84	28.15	27.30	29.52	70- 80	44.29	521.7	92.9,92.9
90	7.371	5.963	2.708	5.830	7.391	5.506	2.241	5.559	80- 90	17.42	539.1	96,96
100	3.731	3.389	2.922	4.210	4.240	3.764	2.330	2.806	90-100	4.093	543.2	96.8,96.8
110	3.649	3.341	3.111	4.131	4.145	3.622	2.519	2.847	100-110	3.654	546.9	97.4,97.4
120	3.649	3.424	3.187	4.051	3.838	3.569	2.572	2.927	110-120	3.414	550.3	98,98
130	3.649	3.430	3.312	3.995	3.844	3.622	2.791	3.019	120-130	3.087	553.4	98.6,98.6
140	3.720	3.477	3.466	3.959	3.849	3.687	3.063	3.125	130-140	2.717	556.1	99,99
150	3.749	3.542	3.655	3.953	3.667	3.731	3.353	3.291	140-150	2.247	558.3	99.4,99.4
160	3.814	3.660	3.791	3.897	3.791	3.720	3.560	3.489	150-160	1.696	560.0	99.7,99.7
170	3.637	3.841	3.856	3.835	3.548	3.770	3.731	3.734	160-170	1.060	561.1	99.9,99.9
180	3.643	3.856	3.856	3.850	3.631	3.841	3.850	3.838	170-180	0.3611	561.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	16575	14541
80	14892	13942
75	14498	13838
70	14351	13918
65	14355	14063
60	14475	14229
55	14619	14423
50	14797	14628
45	14978	14844

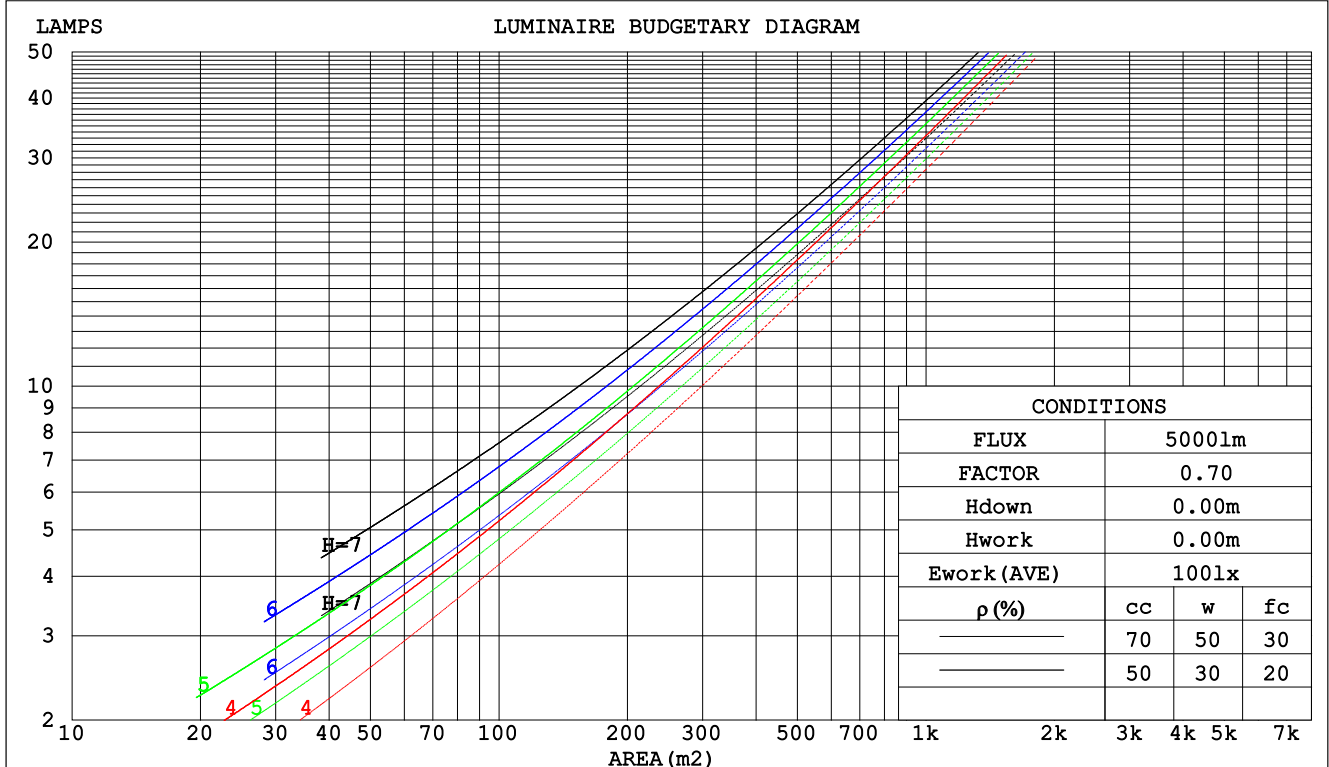
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	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	.85	.83	.81	.79
2.0	.88	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.74	.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	.32	.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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm					
NAME: SF15-24V-5050-60-5700K			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	.280	.156	.048	.268	.150	.047	.256	.145	.046		
3.0	.276	.147	.044	.270	.144	.043	.257	.139	.042	.246	.135	.041	.235	.130	.040		
4.0	.253	.132	.039	.247	.129	.038	.236	.125	.037	.226	.121	.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	.180	.092	.027	.173	.090	.026		
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.085	.025	.162	.083	.024		
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.158	.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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.212	.187	.164	.181	.160	.141	.124	.110	.097	.071	.064	.057	.023	.021	.018	
2.0	.204	.163	.128	.175	.140	.110	.120	.097	.077	.069	.056	.045	.022	.018	.015	
3.0	.197	.145	.104	.169	.125	.090	.116	.087	.063	.067	.051	.037	.021	.017	.012	
4.0	.189	.132	.089	.162	.114	.077	.111	.080	.054	.064	.047	.032	.021	.015	.011	
5.0	.181	.122	.078	.156	.105	.068	.107	.074	.048	.062	.043	.028	.020	.014	.009	
6.0	.174	.114	.070	.150	.098	.061	.103	.069	.043	.060	.041	.026	.019	.013	.008	
7.0	.167	.107	.064	.144	.093	.056	.099	.065	.040	.058	.038	.024	.019	.013	.008	
8.0	.161	.101	.060	.138	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
9.0	.155	.096	.057	.133	.083	.049	.092	.059	.035	.054	.035	.021	.017	.011	.007	
10.0	.149	.092	.054	.128	.080	.047	.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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm											
NAME: SF15-24V-5050-60-5700K						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	22.0	23.5	22.3	23.8	24.1	21.9	23.4	22.3	23.7	24.0	
	3H	23.7	25.1	24.1	25.4	25.7	23.6	25.0	24.0	25.3	25.6
	4H	24.5	25.8	24.9	26.1	26.5	24.4	25.7	24.7	26.0	26.3
	6H	25.2	26.4	25.6	26.8	27.1	25.0	26.2	25.4	26.6	26.9
	8H	25.5	26.6	25.9	27.0	27.4	25.2	26.4	25.6	26.8	27.2
	12H	25.7	26.8	26.1	27.2	27.6	25.4	26.6	25.8	26.9	27.3
4H	2H	22.7	24.0	23.0	24.3	24.6	22.6	23.9	23.0	24.2	24.6
	3H	24.6	25.7	25.0	26.1	26.5	24.5	25.6	24.9	26.0	26.4
	4H	25.5	26.6	25.9	27.0	27.4	25.4	26.4	25.8	26.8	27.2
	6H	26.3	27.3	26.8	27.7	28.1	26.1	27.1	26.6	27.5	28.0
	8H	26.7	27.6	27.2	28.0	28.5	26.5	27.3	26.9	27.8	28.2
	12H	27.0	27.8	27.5	28.2	28.7	26.7	27.5	27.2	28.0	28.5
8H	4H	25.9	26.7	26.3	27.2	27.6	25.7	26.6	26.2	27.0	27.5
	6H	26.9	27.6	27.4	28.1	28.6	26.7	27.4	27.2	27.9	28.4
	8H	27.4	28.0	27.9	28.5	29.0	27.1	27.8	27.7	28.3	28.8
	12H	27.8	28.3	28.3	28.9	29.4	27.5	28.1	28.1	28.6	29.2
12H	4H	25.9	26.7	26.4	27.1	27.6	25.8	26.6	26.3	27.0	27.5
	6H	27.0	27.6	27.5	28.1	28.7	26.8	27.5	27.3	28.0	28.5
	8H	27.5	28.1	28.1	28.6	29.2	27.3	27.9	27.8	28.4	28.9
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 561.5 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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

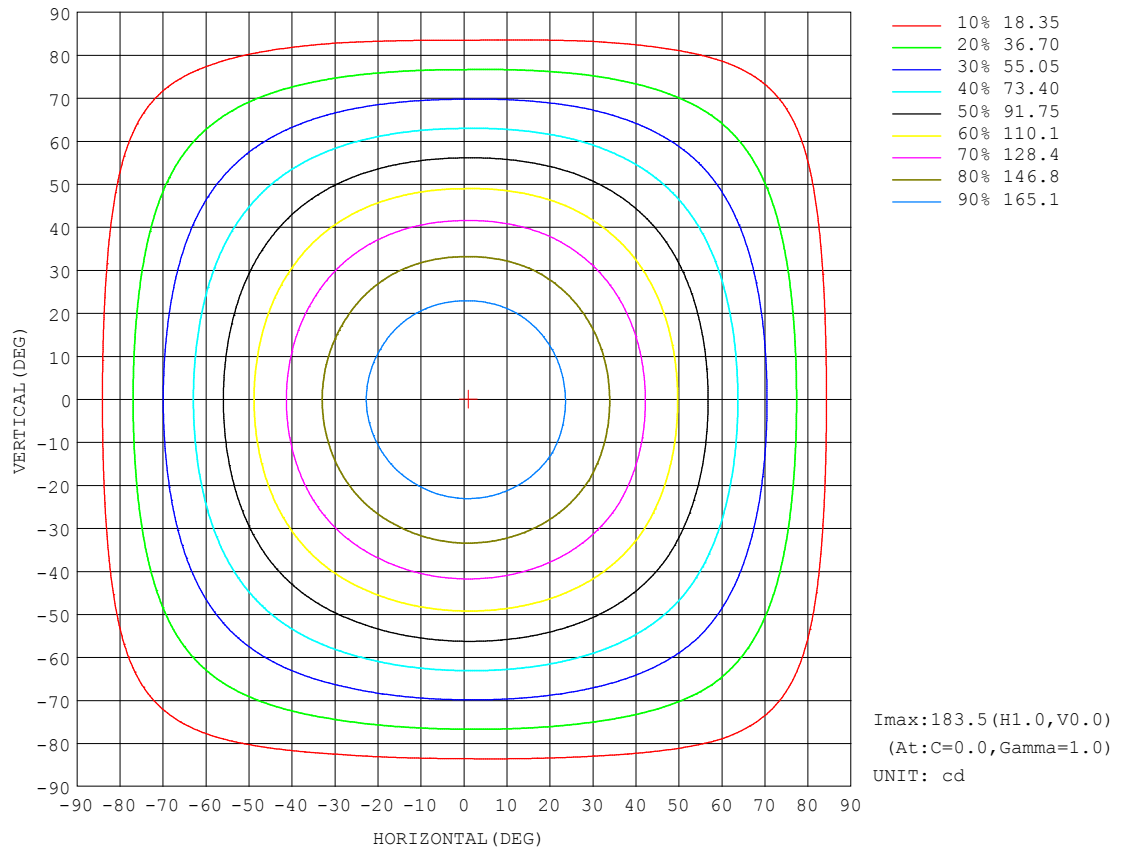
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

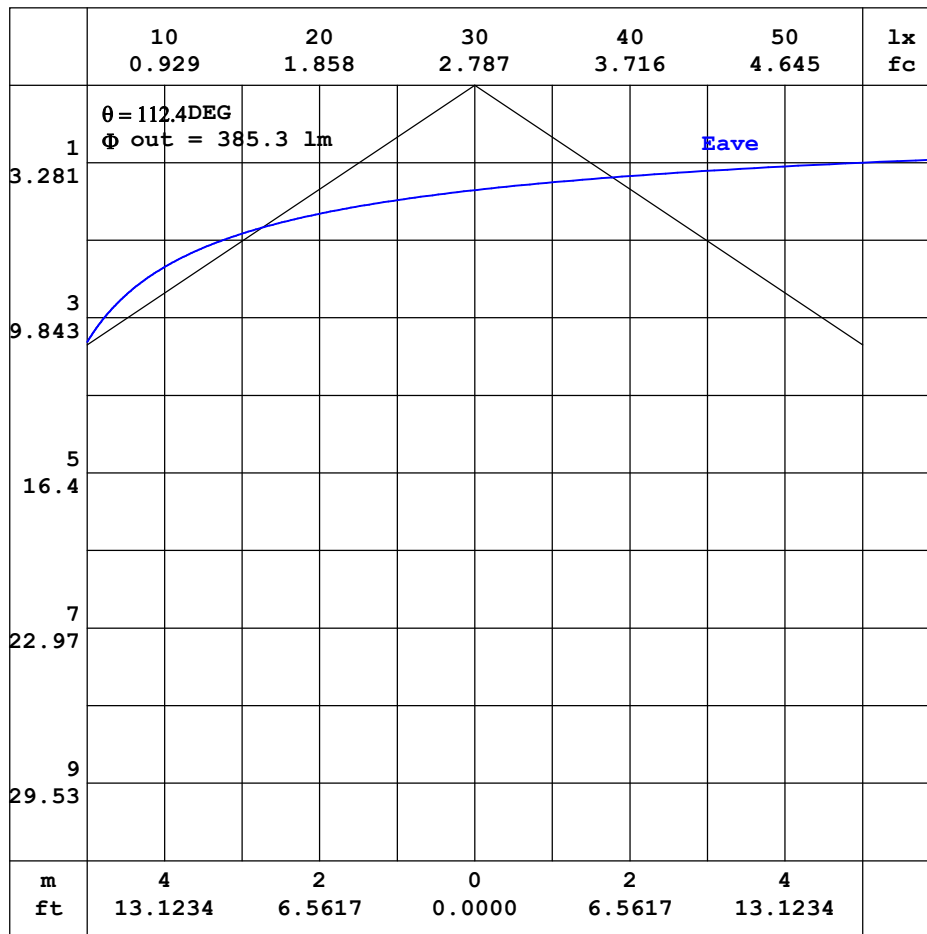


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



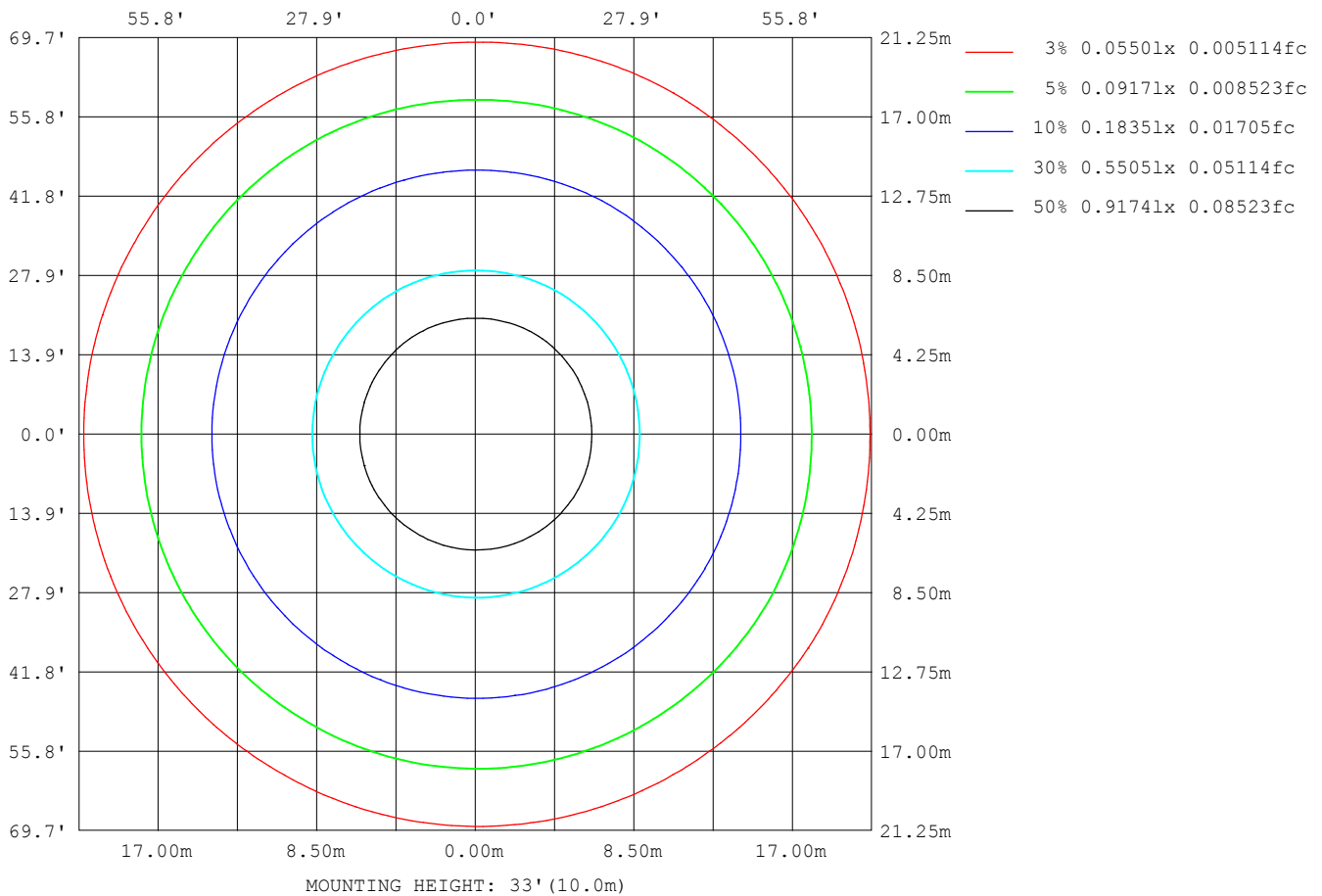
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

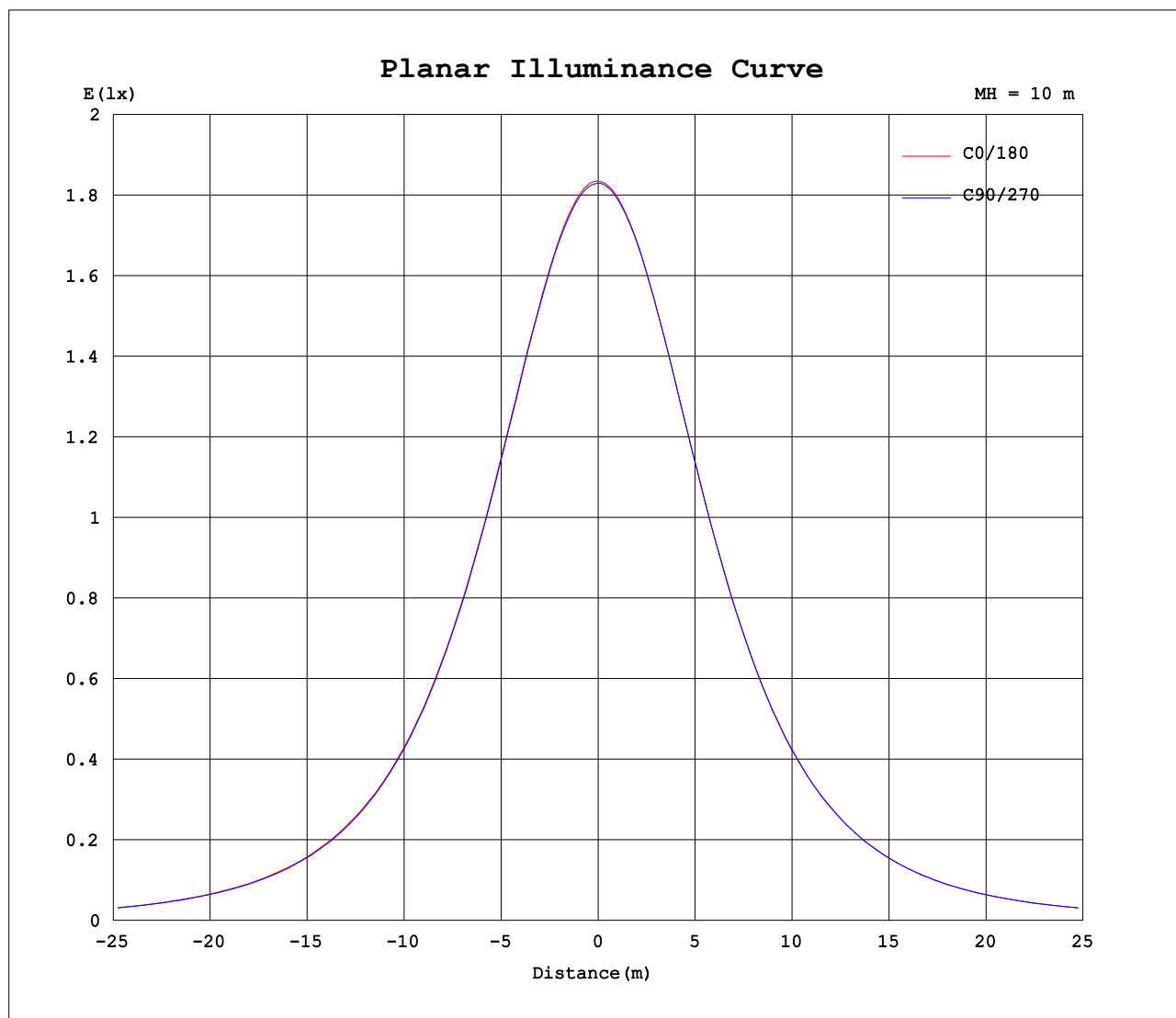
Test:U:24.00V I:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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:0.5100A P:12.24W PF:1.000 Lamp Flux:561.466x1 lm		
NAME: SF15-24V-5050-60-5700K	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	183	183	183	183	183	183	183	183	183	183	183	183							
5	183	183	182	182	182	182	182	182	182	182	182	182							
10	180	180	180	180	179	179	180	179	179	179	180	180							
15	176	176	176	176	175	175	175	175	175	175	176	176							
20	170	171	170	170	169	169	169	169	169	169	170	170							
25	163	163	163	162	161	161	162	161	162	162	163	163							
30	154	155	154	154	153	152	153	152	153	153	154	154							
35	144	145	144	144	143	142	143	142	143	143	144	144							
40	134	134	133	133	131	131	132	131	132	132	133	133							
45	122	122	122	121	120	120	120	119	120	120	121	122							
50	109	110	109	108	107	107	107	107	107	107	109	109							
55	96.4	97.1	96.2	95.1	94.1	94.3	94.2	93.9	94.4	94.5	96.1	96.4							
60	83.2	83.9	82.9	81.8	80.8	81.1	81.1	80.6	81.2	81.3	83.0	83.2							
65	69.8	70.6	69.4	68.3	67.5	67.9	68.0	67.5	67.9	67.8	69.5	69.9							
70	56.4	57.0	55.8	54.7	54.1	54.7	54.9	54.3	54.6	54.2	56.1	56.5							
75	43.2	43.5	42.3	41.2	40.8	41.5	41.8	41.2	41.3	40.8	42.6	43.1							
80	29.7	30.2	28.9	27.8	27.6	28.5	28.8	28.2	28.1	27.3	29.2	29.8							
85	16.6	17.0	15.6	14.6	14.5	15.8	16.1	15.0	15.0	13.9	15.9	16.6							
90	7.37	7.10	4.83	2.71	4.61	7.05	7.39	6.31	4.70	2.24	4.66	6.46							
95	3.79	3.62	3.30	2.79	3.78	4.75	4.31	4.19	3.38	2.21	2.70	3.02							
100	3.73	3.56	3.22	2.92	3.76	4.66	4.24	4.15	3.38	2.33	2.73	2.89							
105	3.70	3.41	3.19	3.03	3.76	4.60	4.20	4.13	3.32	2.44	2.77	2.88							
110	3.65	3.42	3.26	3.11	3.76	4.50	4.15	4.09	3.15	2.52	2.82	2.88							
115	3.65	3.52	3.27	3.16	3.76	4.41	4.03	4.06	3.13	2.53	2.87	2.92							
120	3.65	3.52	3.32	3.19	3.76	4.34	3.84	3.90	3.23	2.57	2.90	2.96							
125	3.65	3.52	3.32	3.22	3.76	4.28	3.75	3.76	3.29	2.67	2.94	3.00							
130	3.65	3.52	3.34	3.31	3.74	4.25	3.84	3.78	3.46	2.79	2.99	3.05							
135	3.67	3.49	3.38	3.39	3.74	4.15	3.88	3.75	3.51	2.94	3.06	3.06							
140	3.72	3.51	3.44	3.47	3.80	4.12	3.85	3.83	3.55	3.06	3.15	3.10							
145	3.72	3.54	3.47	3.54	3.83	4.09	3.69	3.83	3.60	3.19	3.24	3.16							
150	3.75	3.56	3.52	3.65	3.83	4.08	3.67	3.83	3.64	3.35	3.34	3.25							
155	3.77	3.59	3.63	3.73	3.82	4.06	3.74	3.83	3.60	3.47	3.48	3.32							
160	3.81	3.61	3.71	3.79	3.79	4.00	3.79	3.80	3.64	3.56	3.59	3.39							
165	3.82	3.71	3.75	3.84	3.80	3.87	3.82	3.78	3.73	3.65	3.68	3.59							
170	3.64	3.86	3.82	3.86	3.82	3.85	3.55	3.74	3.80	3.73	3.77	3.70							
175	3.64	3.86	3.83	3.86	3.84	3.85	3.61	3.80	3.85	3.81	3.84	3.76							
180	3.64	3.86	3.85	3.86	3.85	3.85	3.63	3.83	3.85	3.85	3.85	3.83							

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	183.5	183.2	183.0	182.9	182.9	182.9	183.5	183.2	183.0	182.9
3.0	183.3	183.1	182.9	182.7	182.6	182.5	183.1	182.8	182.7	182.6
6.0	182.5	182.4	182.0	181.9	181.5	181.5	182.0	181.6	181.6	181.7
9.0	180.9	180.9	180.5	180.3	179.9	179.9	180.4	180.0	180.0	180.1
12.0	178.8	179.0	178.4	178.3	177.6	177.7	178.1	177.7	177.8	177.8
15.0	176.1	176.3	175.7	175.5	174.8	174.9	175.2	174.8	175.0	175.0
18.0	172.7	173.1	172.5	172.2	171.3	171.4	171.7	171.4	171.6	171.7
21.0	169.0	169.3	168.7	168.4	167.5	167.5	167.7	167.4	167.6	167.7
24.0	164.5	165.0	164.3	163.9	162.9	162.9	163.2	162.8	163.2	163.3
27.0	159.7	160.1	159.5	158.9	158.0	157.9	158.1	157.8	158.2	158.3
30.0	154.2	154.9	154.2	153.6	152.5	152.5	152.7	152.3	152.8	152.7
33.0	148.5	149.2	148.3	147.7	146.6	146.6	146.8	146.3	147.0	147.0
36.0	142.2	143.0	142.2	141.5	140.4	140.4	140.5	140.1	140.7	140.7
39.0	135.7	136.5	135.6	134.9	133.7	133.6	133.8	133.4	134.1	134.1
42.0	128.9	129.6	128.8	128.0	126.8	126.8	126.8	126.4	127.1	127.3
45.0	121.8	122.5	121.7	120.7	119.6	119.6	119.6	119.3	119.8	120.0
48.0	114.3	115.1	114.3	113.3	112.1	112.1	112.2	111.8	112.4	112.4
51.0	106.8	107.5	106.7	105.6	104.5	104.6	104.6	104.2	104.8	105.0
54.0	98.95	99.77	98.85	97.76	96.67	96.73	96.86	96.49	97.03	96.98
57.0	91.15	92.02	90.87	89.93	88.77	89.04	89.05	88.64	89.14	89.14
60.0	83.23	83.93	82.89	81.81	80.84	81.09	81.11	80.62	81.19	81.34
63.0	75.23	75.82	74.81	73.69	72.85	73.07	73.21	72.82	73.22	73.20
66.0	67.00	67.82	66.68	65.57	64.84	65.21	65.36	64.88	65.26	65.03
69.0	59.20	59.75	58.57	57.45	56.79	57.34	57.47	56.96	57.24	57.01
72.0	50.87	51.79	50.47	49.54	48.82	49.39	49.61	49.12	49.24	49.07
75.0	43.15	43.52	42.34	41.19	40.81	41.50	41.81	41.19	41.30	40.80
78.0	35.01	35.73	34.22	33.33	32.88	33.73	34.04	33.21	33.38	32.71
81.0	27.03	27.38	26.20	25.01	24.98	25.97	26.28	25.70	25.50	24.80
84.0	19.16	19.70	18.19	17.25	17.11	18.11	18.56	17.48	17.63	16.63
87.0	11.85	11.85	10.27	9.006	9.431	11.49	12.01	11.09	9.918	8.875
90.0	7.371	7.099	4.828	2.708	4.614	7.046	7.391	6.309	4.703	2.241
93.0	4.372	4.071	3.306	2.738	3.791	4.813	4.586	4.295	3.388	2.194
96.0	3.773	3.601	3.294	2.821	3.767	4.707	4.299	4.175	3.383	2.241
99.0	3.732	3.572	3.259	2.904	3.761	4.672	4.252	4.157	3.383	2.306
102.0	3.714	3.542	3.182	2.963	3.761	4.660	4.216	4.140	3.377	2.395
105.0	3.702	3.406	3.187	3.034	3.761	4.601	4.199	4.128	3.323	2.442
108.0	3.661	3.436	3.223	3.075	3.761	4.565	4.169	4.104	3.234	2.495
111.0	3.649	3.377	3.253	3.122	3.761	4.482	4.133	4.080	3.122	2.525
114.0	3.649	3.501	3.270	3.152	3.761	4.435	4.080	4.063	3.123	2.525
117.0	3.649	3.525	3.294	3.170	3.761	4.382	3.932	4.021	3.176	2.537
120.0	3.649	3.525	3.323	3.187	3.761	4.340	3.838	3.903	3.235	2.572
123.0	3.649	3.525	3.318	3.205	3.761	4.305	3.820	3.767	3.259	2.608
126.0	3.649	3.525	3.335	3.247	3.767	4.282	3.744	3.755	3.318	2.685
129.0	3.649	3.525	3.335	3.294	3.737	4.275	3.844	3.785	3.419	2.761
132.0	3.655	3.518	3.353	3.341	3.737	4.228	3.862	3.755	3.501	2.856
135.0	3.666	3.495	3.382	3.389	3.737	4.151	3.879	3.749	3.507	2.939
138.0	3.708	3.507	3.436	3.436	3.767	4.116	3.867	3.820	3.542	3.016
141.0	3.720	3.513	3.442	3.483	3.826	4.116	3.820	3.826	3.560	3.093
144.0	3.720	3.530	3.465	3.525	3.826	4.104	3.708	3.826	3.578	3.158
147.0	3.731	3.542	3.501	3.578	3.826	4.080	3.607	3.826	3.619	3.235
150.0	3.749	3.560	3.525	3.655	3.826	4.080	3.667	3.826	3.637	3.353
153.0	3.755	3.578	3.625	3.702	3.826	4.063	3.737	3.826	3.625	3.424
156.0	3.779	3.596	3.637	3.743	3.797	4.033	3.737	3.826	3.595	3.477
159.0	3.808	3.601	3.672	3.779	3.791	4.004	3.785	3.820	3.619	3.542
162.0	3.814	3.619	3.714	3.814	3.791	3.974	3.820	3.797	3.672	3.613
165.0	3.820	3.714	3.749	3.844	3.796	3.867	3.820	3.779	3.726	3.649
168.0	3.703	3.844	3.785	3.856	3.814	3.850	3.577	3.737	3.767	3.708
171.0	3.637	3.862	3.820	3.856	3.832	3.850	3.560	3.737	3.809	3.749
174.0	3.637	3.862	3.826	3.856	3.838	3.850	3.601	3.773	3.850	3.796
177.0	3.637	3.862	3.838	3.856	3.856	3.850	3.631	3.814	3.850	3.826
180.0	3.643	3.862	3.850	3.856	3.850	3.850	3.631	3.832	3.850	3.850
G/C	300.0	330.0								
0.0	182.9	182.9								
3.0	182.6	182.8								
6.0	181.8	181.9								
9.0	180.3	180.5								
12.0	178.2	178.4								
15.0	175.6	175.6								
18.0	172.3	172.4								
21.0	168.4	168.6								
24.0	164.1	164.2								
27.0	159.2	159.4								
30.0	153.9	154.1								

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

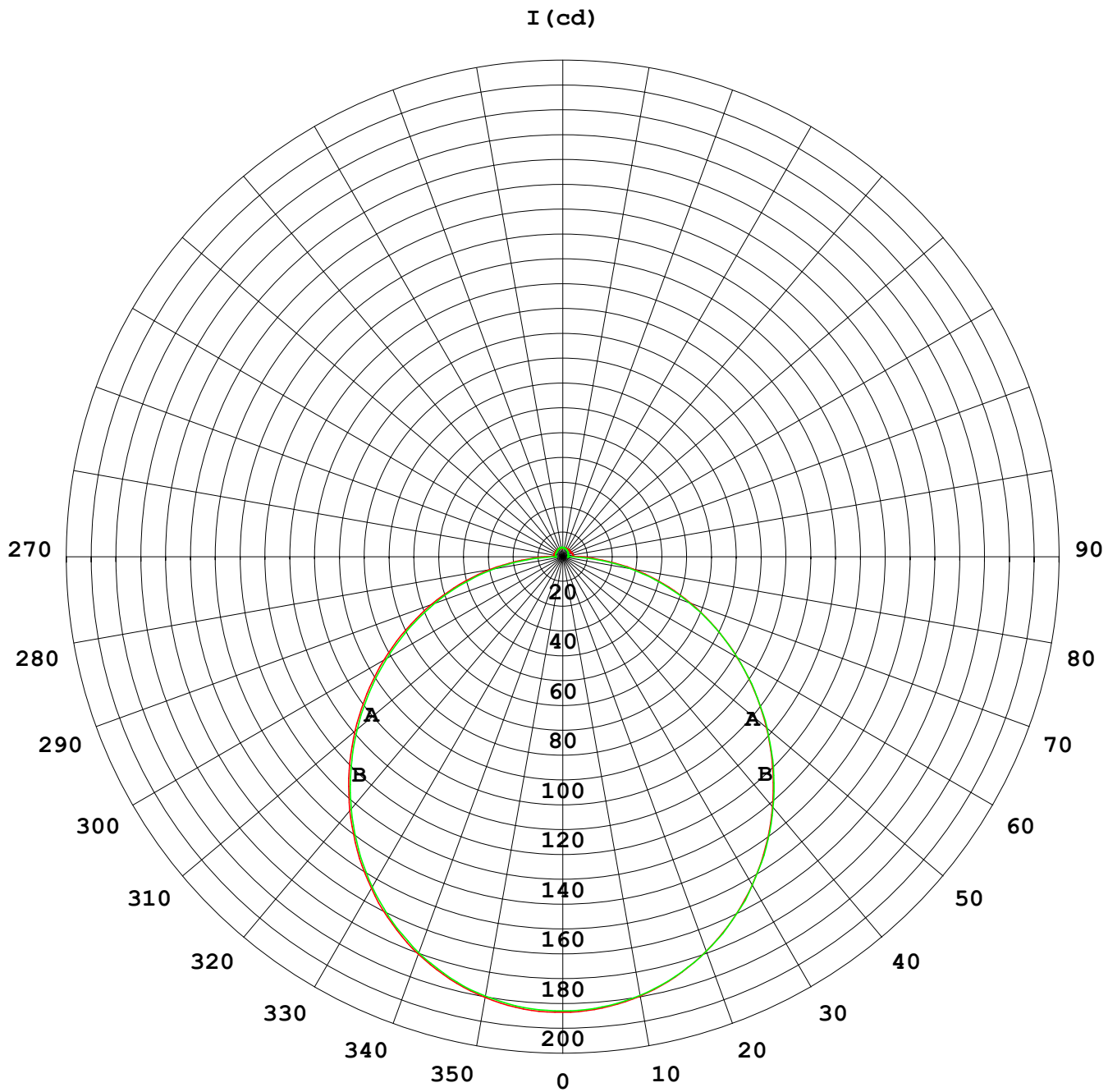
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	148.2	148.3
36.0	142.0	142.1
39.0	135.5	135.5
42.0	128.6	128.7
45.0	121.4	121.7
48.0	114.0	114.3
51.0	106.4	106.7
54.0	98.71	99.05
57.0	90.90	91.19
60.0	82.96	83.17
63.0	74.82	75.28
66.0	66.80	67.26
69.0	58.70	59.14
72.0	50.62	51.21
75.0	42.59	43.13
78.0	34.58	34.98
81.0	26.56	27.12
84.0	18.57	19.18
87.0	10.63	11.48
90.0	4.660	6.457
93.0	2.702	3.436
96.0	2.697	2.940
99.0	2.726	2.874
102.0	2.738	2.873
105.0	2.768	2.880
108.0	2.791	2.880
111.0	2.833	2.892
114.0	2.868	2.904
117.0	2.898	2.933
120.0	2.898	2.957
123.0	2.921	2.992
126.0	2.945	3.022
129.0	2.981	3.045
132.0	3.022	3.057
135.0	3.063	3.057
138.0	3.117	3.075
141.0	3.170	3.116
144.0	3.229	3.152
147.0	3.271	3.205
150.0	3.336	3.247
153.0	3.448	3.288
156.0	3.501	3.341
159.0	3.572	3.382
162.0	3.631	3.436
165.0	3.678	3.589
168.0	3.726	3.654
171.0	3.779	3.708
174.0	3.826	3.749
177.0	3.850	3.814
180.0	3.850	3.826

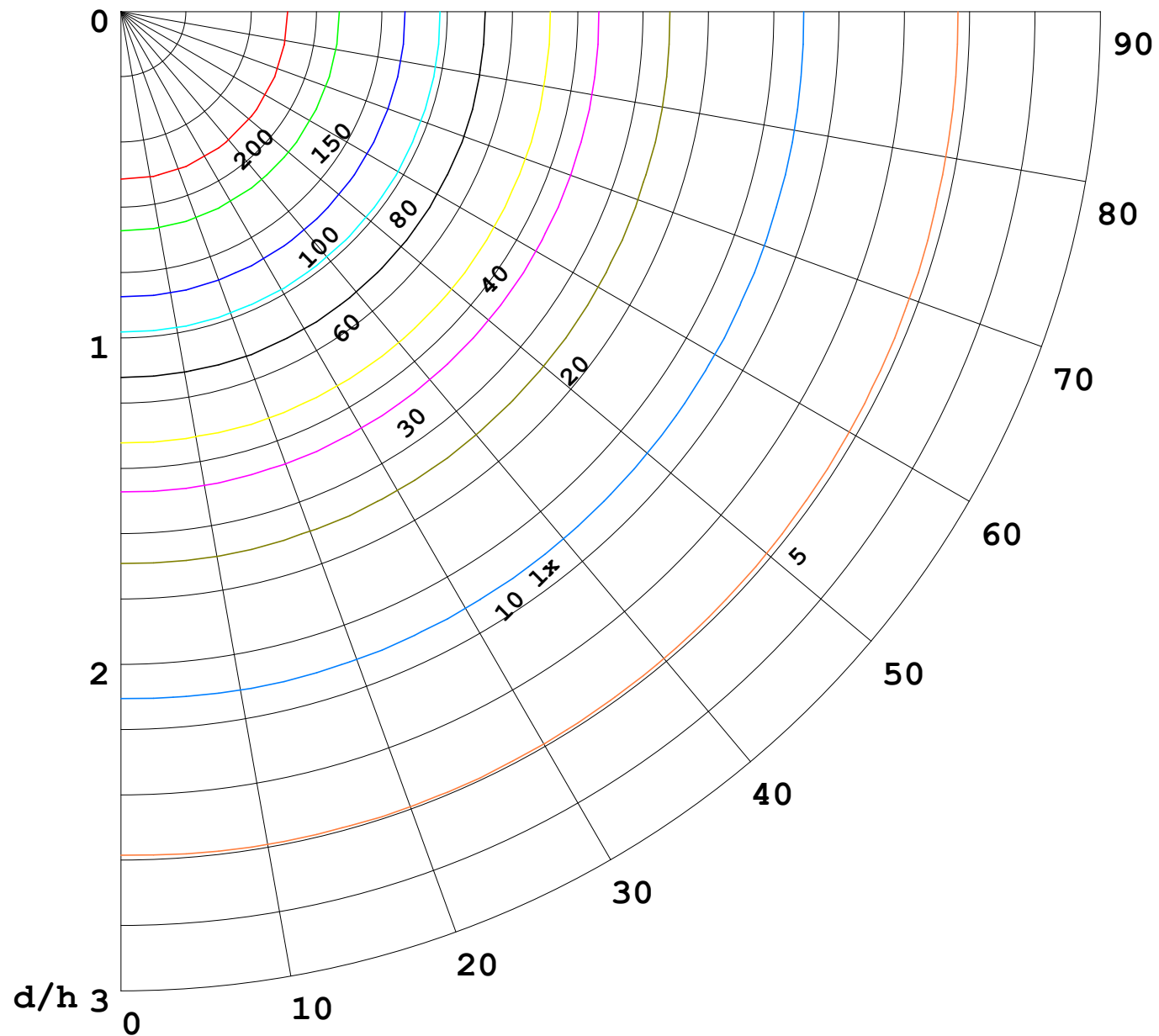
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-02

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:



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

