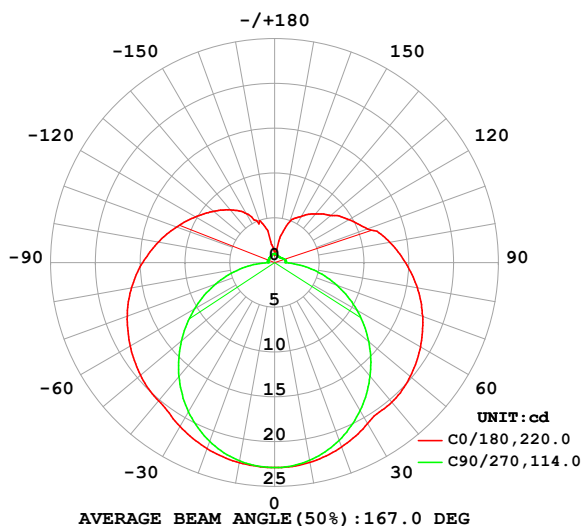


LUMINAIRE PHOTOMETRIC TEST REPORT

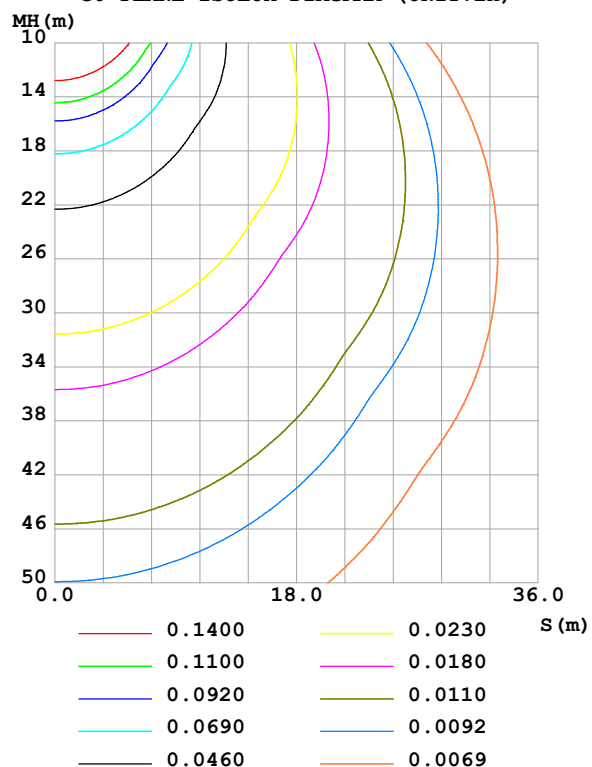
Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 31.04 lm/W			
MODEL		Imax (cd)	22.90	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	132.66	η UP,DN(C0-180)	14.4,35.5
NOMINAL FLUX(lm)	132.663	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	14.5,35.6
LAMPS INSIDE	1	η up (%)	28.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	71.1	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	22.65	22.61	22.41	22.51	22.69	22.56	22.48	22.65	0- 10	2.170	2.170	1.64,1.64
20	21.90	21.62	21.10	21.56	22.10	21.66	21.24	21.71	10- 20	6.264	8.434	6.36,6.36
30	20.78	20.05	19.09	20.00	21.13	20.19	19.26	20.18	20- 30	9.649	18.08	13.6,13.6
40	20.37	18.07	16.60	18.01	20.16	18.28	16.63	18.22	30- 40	12.03	30.11	22.7,22.7
50	19.78	16.55	13.72	16.18	19.55	16.47	13.58	16.57	40- 50	13.48	43.60	32.9,32.9
60	18.82	14.91	10.62	14.42	18.62	14.78	10.33	14.98	50- 60	13.98	57.58	43.4,43.4
70	17.60	13.16	7.398	12.60	17.51	13.00	6.986	13.19	60- 70	13.54	71.12	53.6,53.6
80	16.17	11.50	4.153	11.01	16.22	11.39	3.692	11.50	70- 80	12.40	83.52	63,63
90	14.62	10.09	1.209	9.603	14.74	9.942	0.6851	10.05	80- 90	10.81	94.33	71.1,71.1
100	13.09	8.961	1.234	8.531	13.20	8.808	0.8034	8.889	90-100	9.351	103.7	78.2,78.2
110	11.05	7.058	1.153	7.705	11.66	7.911	0.8206	6.080	100-110	7.894	111.6	84.1,84.1
120	9.620	6.327	0.9826	7.085	10.22	7.238	0.7975	6.079	110-120	6.514	118.1	89,89
130	8.191	5.173	0.8815	6.502	8.928	6.615	0.8092	5.207	120-130	5.277	123.4	93,93
140	7.124	3.999	0.8034	5.702	7.706	5.812	0.8438	4.404	130-140	4.032	127.4	96,96
150	5.971	3.288	0.8090	4.989	6.319	5.062	0.8756	3.573	140-150	2.746	130.1	98.1,98.1
160	4.819	2.304	0.8495	3.932	5.005	3.974	0.9507	2.482	150-160	1.623	131.8	99.3,99.3
170	1.532	1.839	0.9361	2.620	2.077	2.691	1.006	1.884	160-170	0.7377	132.5	99.9,99.9
180	1.009	1.028	1.020	1.065	1.035	1.042	1.032	1.048	170-180	0.1572	132.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 36.729 lm

%lum = 27.7%

%lamp = 27.7%

Conical surface Flux(130deg): 64.447 lm

%lum = 48.6%

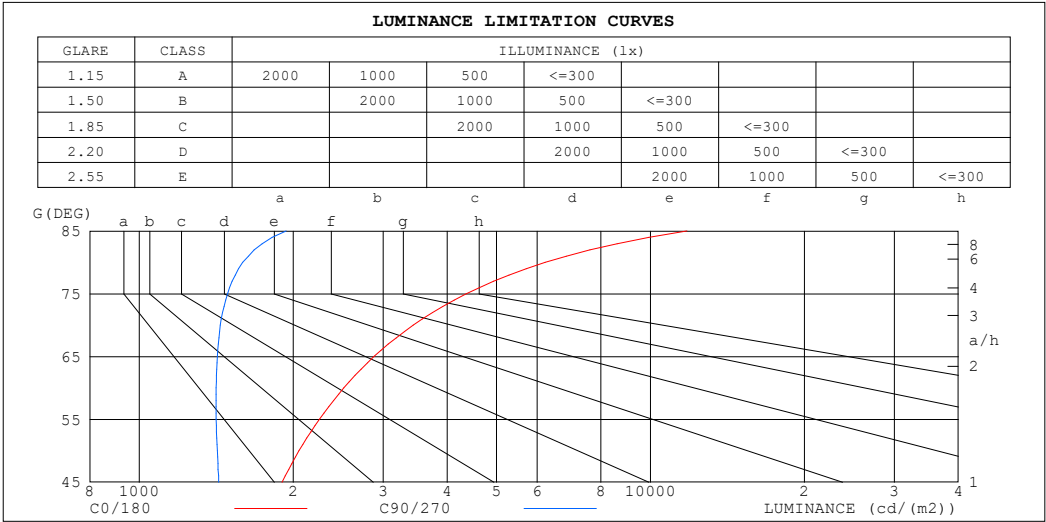
%lamp = 48.6%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11791	1937
80	6218	1593
75	4361	1488
70	3435	1440
65	2876	1421
60	2513	1414
55	2251	1414
50	2054	1421
45	1902	1430

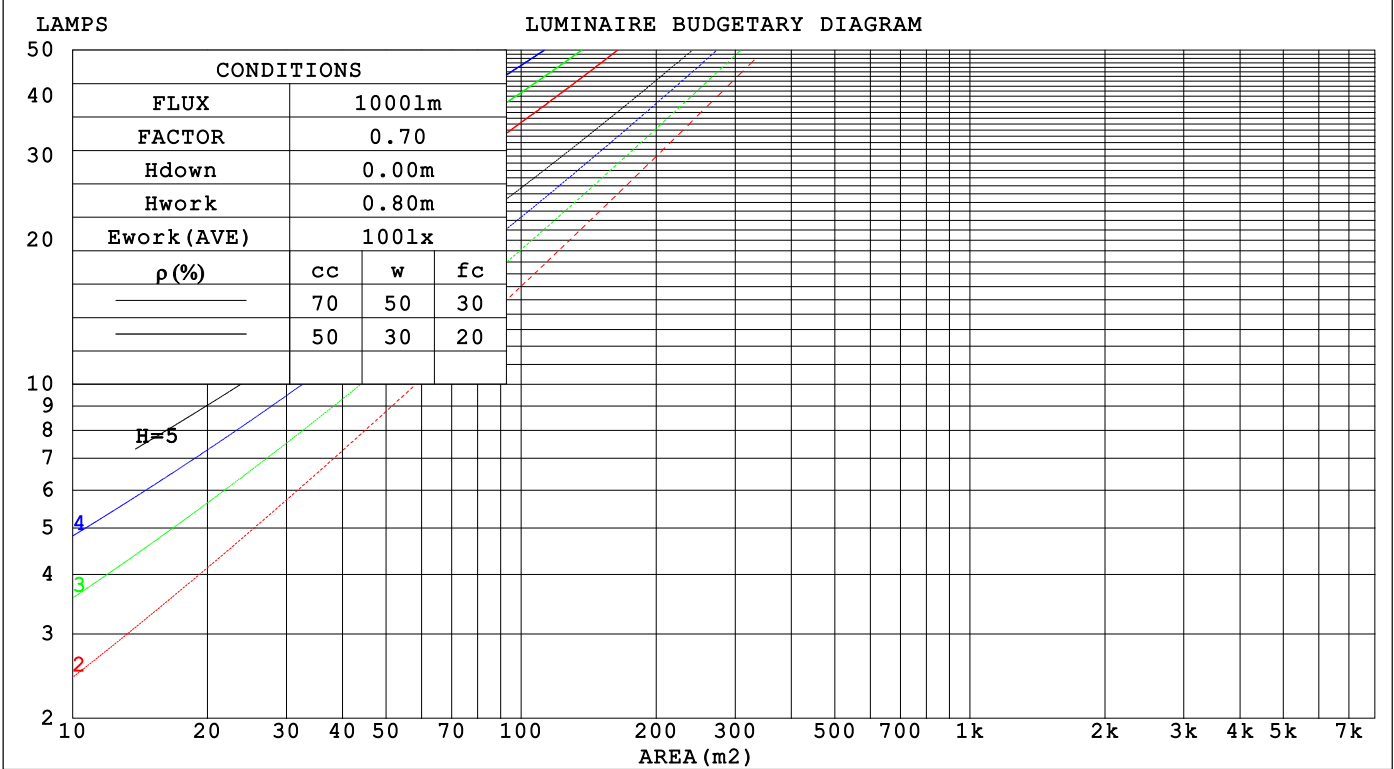
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz																	
Lamp Flux:132.663x1 lm																	
NAME: SF21-24V-5050-60-RGBW(2700)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding 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	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.71
1.0	.93	.87	.82	.87	.83	.78	.78	.74	.70	.69	.66	.63	.61	.58	.56	.52
2.0	.79	.71	.64	.75	.67	.61	.66	.61	.56	.59	.54	.50	.51	.48	.45	.41
3.0	.68	.59	.52	.65	.56	.50	.57	.51	.45	.51	.45	.41	.45	.40	.37	.33
4.0	.60	.50	.43	.57	.48	.41	.50	.43	.38	.45	.39	.34	.39	.35	.31	.27
5.0	.53	.44	.37	.50	.42	.35	.45	.38	.32	.40	.34	.29	.35	.30	.26	.23
6.0	.47	.38	.31	.45	.36	.30	.40	.33	.28	.36	.30	.25	.32	.27	.23	.20
7.0	.43	.34	.27	.40	.32	.26	.36	.29	.24	.32	.26	.22	.29	.24	.20	.17
8.0	.39	.30	.24	.37	.29	.23	.33	.26	.21	.30	.24	.20	.26	.21	.18	.15
9.0	.35	.27	.21	.34	.26	.21	.30	.24	.19	.27	.22	.17	.24	.19	.16	.14
10.0	.32	.25	.19	.31	.23	.19	.28	.22	.17	.25	.20	.16	.23	.18	.14	.12



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

WEC AND CCEC

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding 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	.392	.223	.071	.376	.215	.068	.346	.199	.063	.319	.184	.059	.293	.170	.055															
2.0	.335	.184	.056	.321	.177	.054	.293	.163	.051	.268	.150	.047	.245	.139	.044															
3.0	.296	.157	.047	.283	.151	.046	.258	.140	.042	.235	.129	.039	.214	.118	.037															
4.0	.265	.138	.041	.253	.133	.039	.231	.122	.037	.210	.113	.034	.190	.103	.031															
5.0	.240	.123	.035	.230	.118	.034	.209	.109	.032	.190	.100	.030	.172	.092	.028															
6.0	.220	.110	.032	.210	.106	.031	.191	.098	.028	.173	.090	.026	.157	.083	.025															
7.0	.203	.100	.028	.193	.096	.027	.176	.089	.026	.160	.082	.024	.144	.075	.022															
8.0	.188	.092	.026	.179	.088	.025	.163	.082	.023	.148	.075	.022	.134	.069	.020															
9.0	.175	.085	.024	.167	.081	.023	.152	.075	.021	.138	.069	.020	.125	.063	.018															
10.0	.163	.078	.022	.156	.075	.021	.142	.070	.020	.129	.064	.018	.117	.059	.017															

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	.411	.411	.411	.351	.351	.351	.240	.240	.240	.138	.138	.138	.044	.044	.044	
1.0	.408	.377	.350	.349	.324	.301	.239	.223	.208	.137	.129	.121	.044	.042	.039	
2.0	.401	.355	.316	.344	.306	.273	.236	.212	.191	.136	.123	.112	.044	.040	.036	
3.0	.394	.339	.295	.338	.293	.256	.232	.203	.180	.134	.119	.106	.043	.039	.035	
4.0	.386	.327	.282	.332	.283	.245	.228	.197	.172	.132	.115	.102	.042	.038	.034	
5.0	.379	.317	.272	.325	.275	.237	.224	.192	.167	.130	.113	.099	.042	.037	.033	
6.0	.371	.310	.265	.319	.268	.231	.220	.188	.163	.128	.110	.097	.041	.036	.032	
7.0	.365	.303	.260	.314	.263	.227	.217	.184	.161	.126	.109	.096	.041	.036	.032	
8.0	.358	.298	.257	.308	.258	.224	.213	.181	.159	.124	.107	.095	.040	.035	.031	
9.0	.352	.293	.254	.303	.254	.221	.210	.179	.157	.122	.106	.094	.040	.035	.031	
10.0	.346	.289	.251	.298	.251	.219	.207	.177	.156	.121	.104	.093	.039	.034	.031	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm											
NAME: SF21-24V-5050-60-RGBW(2700)					TYPE:			WEIGHT:			
SPEC.:					DIM.: Length=1m			SERIAL No.:			
MFR.:					SUR.:			Shielding 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	2H	21.4	22.7	22.0	23.3	24.1	18.8	20.1	19.4	20.7	21.5
	3H	24.4	25.5	25.0	26.2	27.0	20.6	21.8	21.3	22.5	23.3
	4H	26.0	27.1	26.7	27.8	28.7	21.5	22.6	22.2	23.3	24.1
	6H	27.9	28.9	28.6	29.6	30.5	22.3	23.3	23.0	24.0	24.9
	8H	28.9	29.9	29.6	30.6	31.5	22.6	23.6	23.3	24.3	25.2
	12H	30.1	31.0	30.8	31.8	32.6	22.9	23.9	23.6	24.6	25.5
4H	2H	21.9	23.0	22.6	23.7	24.6	20.1	21.2	20.8	21.9	22.7
	3H	25.2	26.1	25.9	26.9	27.7	22.1	23.1	22.9	23.8	24.7
	4H	27.0	27.9	27.8	28.7	29.6	23.2	24.0	23.9	24.8	25.7
	6H	29.1	29.9	29.9	30.7	31.6	24.1	24.9	24.9	25.7	26.6
	8H	30.2	31.0	31.0	31.8	32.7	24.5	25.3	25.3	26.1	27.0
	12H	31.6	32.2	32.4	33.0	34.0	24.9	25.6	25.7	26.4	27.4
8H	4H	27.4	28.1	28.2	28.9	29.9	24.4	25.1	25.2	25.9	26.9
	6H	29.8	30.4	30.6	31.2	32.2	25.7	26.3	26.5	27.1	28.1
	8H	31.1	31.7	32.0	32.5	33.5	26.3	26.9	27.2	27.7	28.7
	12H	32.7	33.2	33.6	34.1	35.1	26.9	27.4	27.8	28.3	29.3
12H	4H	27.4	28.1	28.2	28.9	29.9	24.8	25.5	25.6	26.3	27.3
	6H	29.9	30.4	30.7	31.3	32.3	26.4	26.9	27.2	27.8	28.8
	8H	31.4	31.9	32.2	32.7	33.8	27.2	27.7	28.0	28.5	29.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H		+ 0.3 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 132.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.0)
Area: 0.015 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

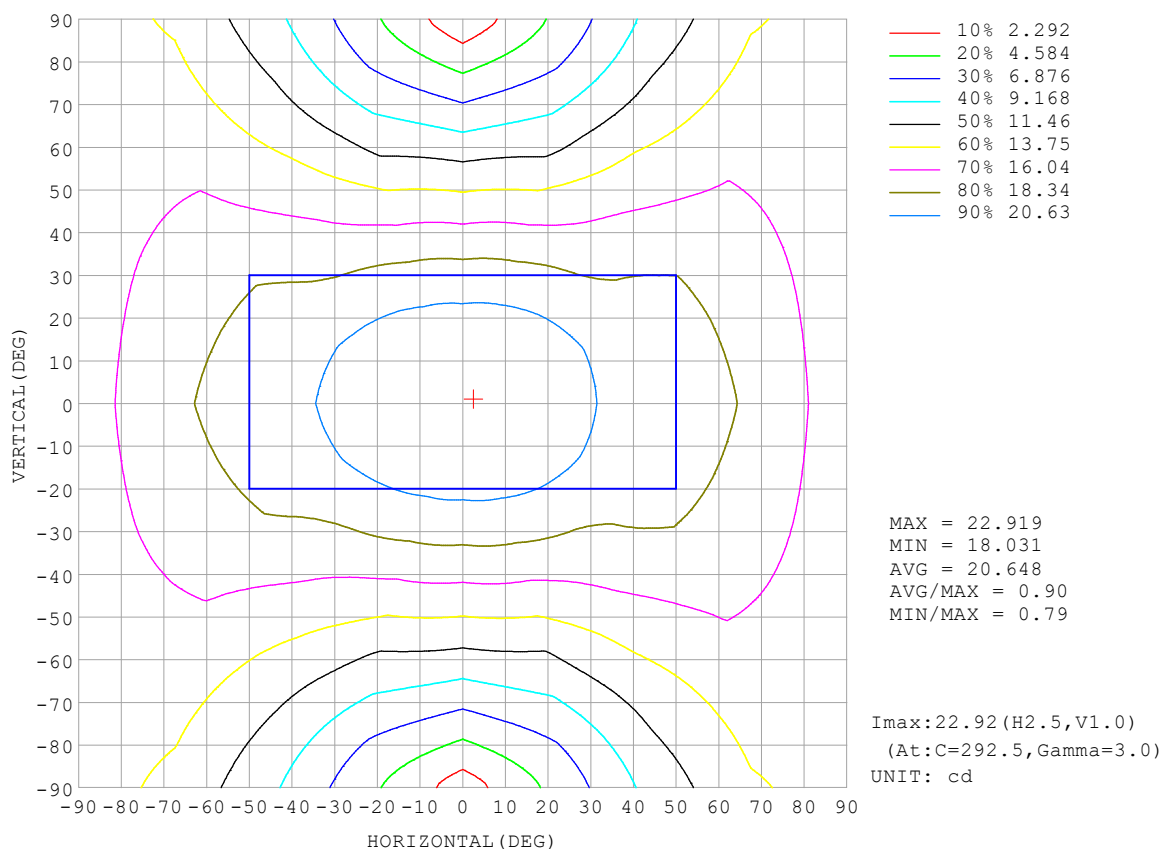
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	24	43	31	24	40	30	23	16
0.80	53	40	32	51	39	31	47	37	30	21
1.00	60	47	39	58	46	38	53	45	36	26
1.25	67	54	45	64	52	44	59	49	42	31
1.50	72	60	51	69	58	49	63	53	46	34
2.00	80	68	59	76	65	57	69	60	54	40
2.50	84	74	65	80	71	63	72	65	58	43
3.00	88	78	71	84	75	68	75	68	63	46
4.00	93	85	78	88	81	74	79	73	68	51
5.00	96	89	83	91	85	79	82	77	72	53
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: Cloud
 Test Date: 2024-09-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 6.360m [K=1.0000]
 Remarks: GREEN

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

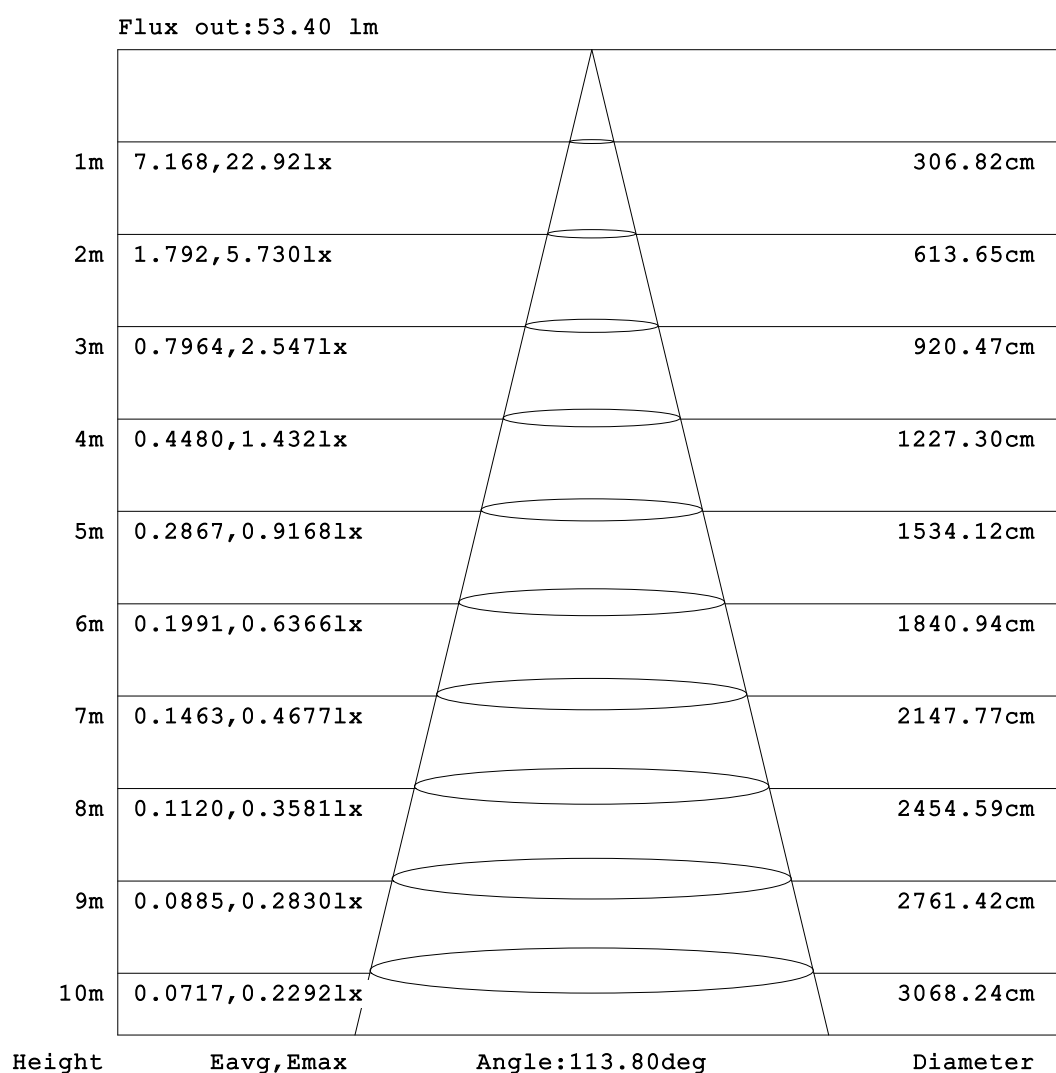


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.360m [K=1.0000]
Remarks: GREEN

AAI Figure

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



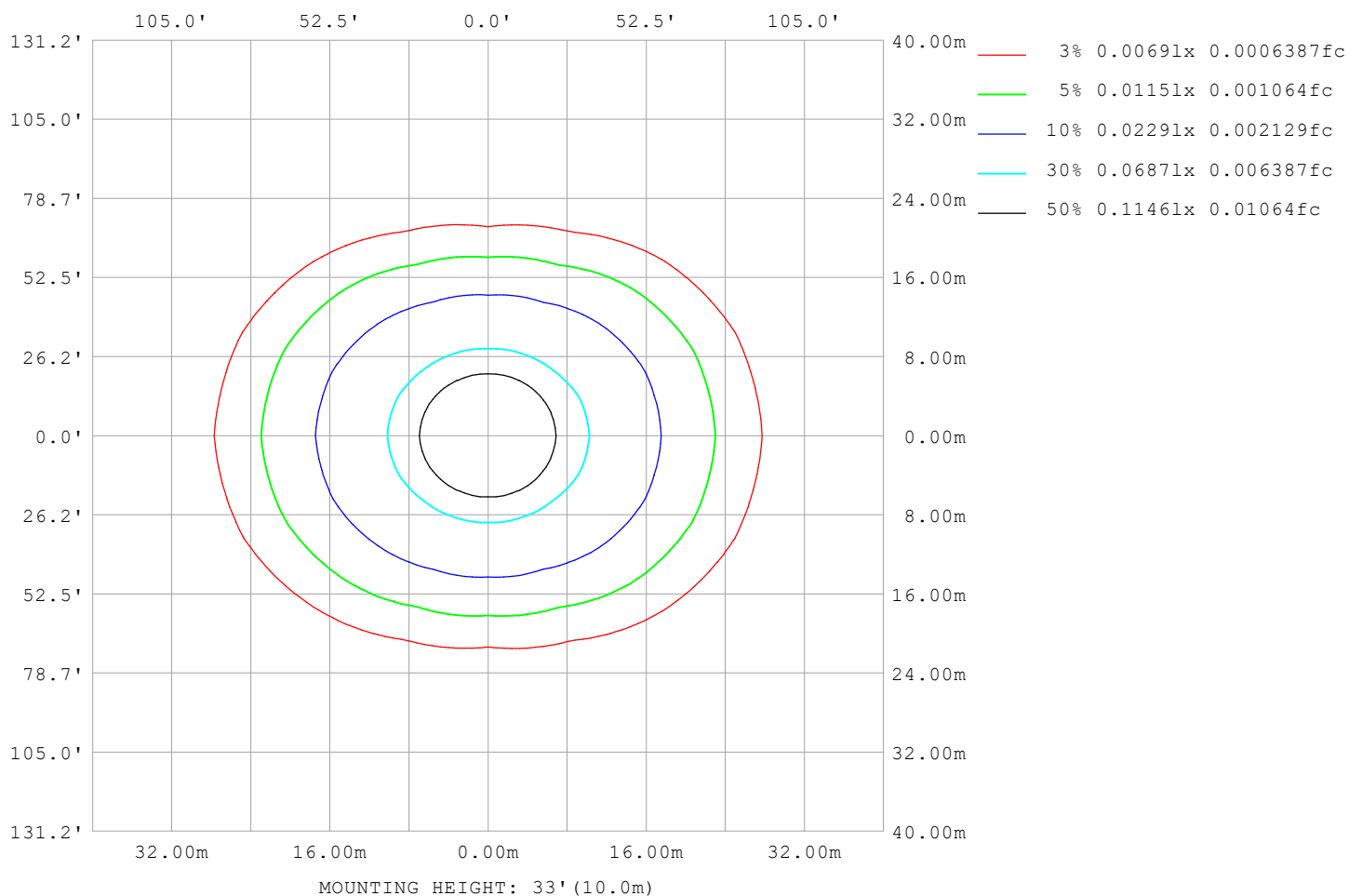
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

ISOLUX DIAGRAM

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.360m [K=1.0000]
Remarks: GREEN

LED Avg.L Report

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

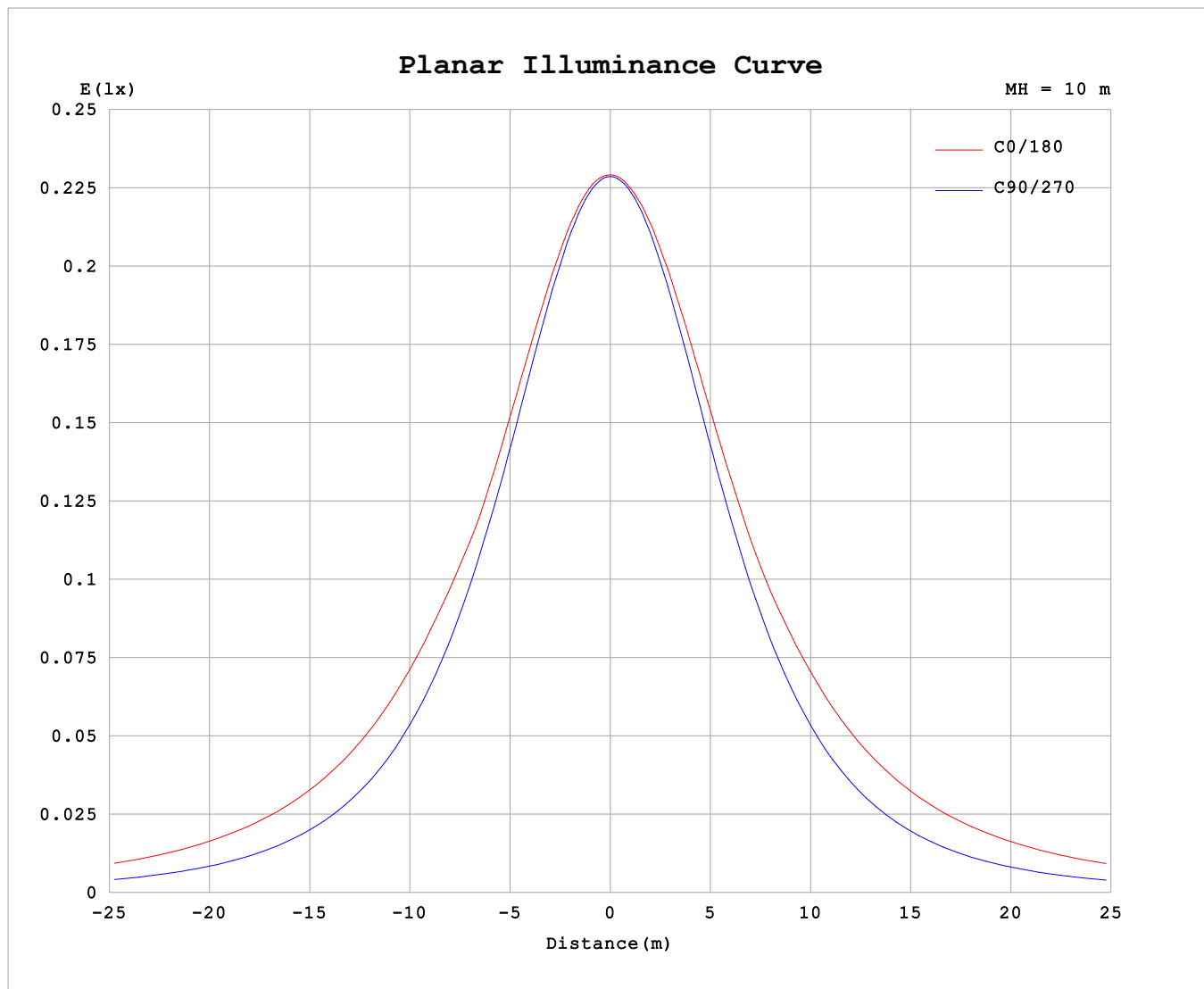
AvgL	cd/m2
L_0~180 (65) av	2862
L_0~180 (75) av	4354
L_0~180 (85) av	11816
L_90~270 (65) av	1395
L_90~270 (75) av	1431
L_90~270 (85) av	1758
L_45 (65) av	2189
L_45 (75) av	3128
L_45 (85) av	8115

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Cloud
Test Date: 2024-09-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.360m [K=1.0000]
Remarks: GREEN

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1781A P:4.274W PF:1.000 Freq:0Hz Lamp Flux:132.663x1 lm																		
NAME: SF21-24V-5050-60-RGBW(2700)									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

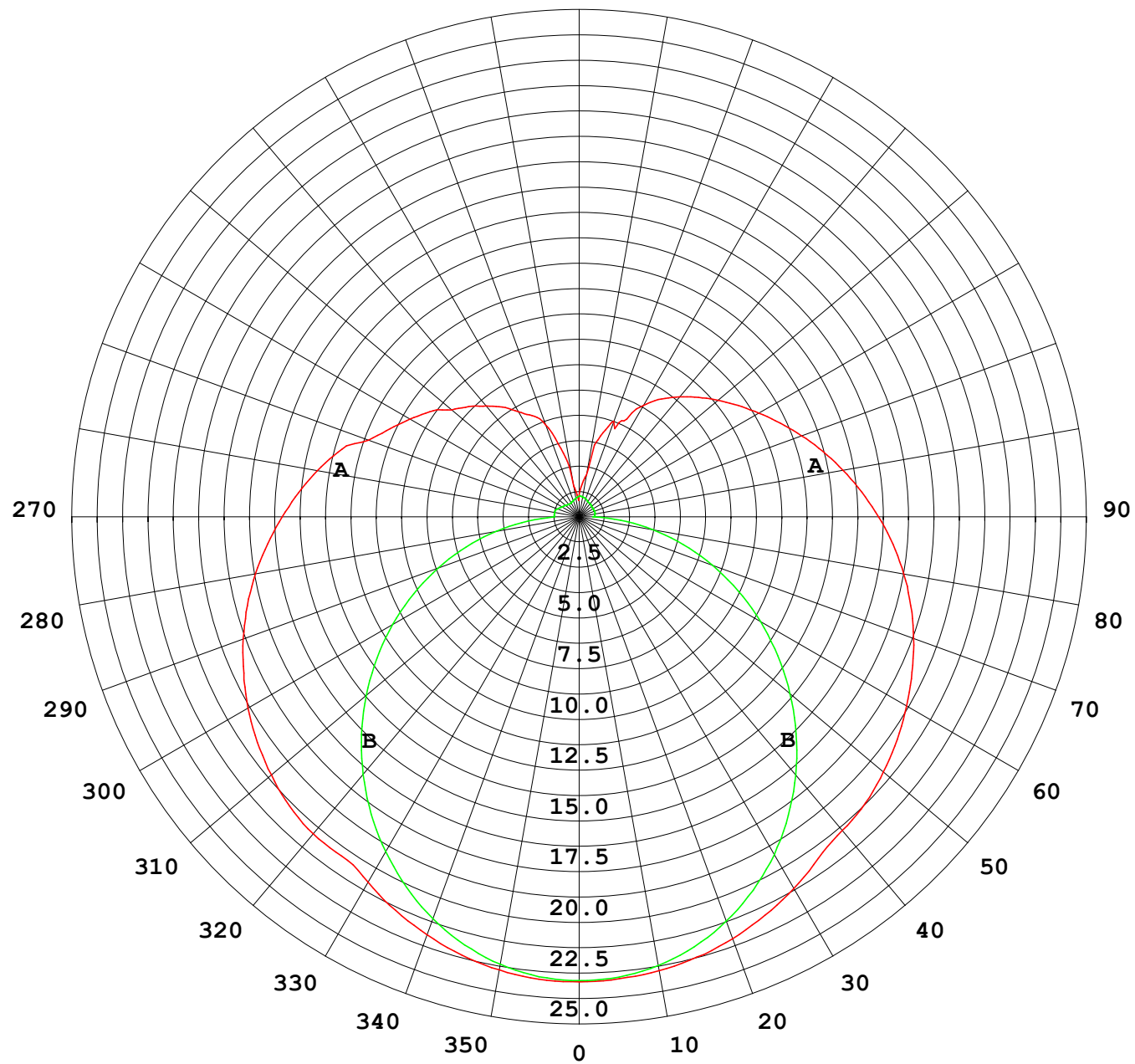
UNIT: cd

γ (DEG) \ C (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9			
5	22.9	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9			
10	22.6	22.7	22.6	22.5	22.4	22.4	22.5	22.6	22.7	22.6	22.6	22.5	22.5	22.6	22.6	22.7			
15	22.3	22.3	22.2	22.0	21.9	21.9	22.1	22.3	22.4	22.4	22.2	22.0	22.0	22.1	22.2	22.4			
20	21.9	21.8	21.6	21.3	21.1	21.2	21.6	21.9	22.1	22.0	21.7	21.4	21.2	21.5	21.7	21.9			
25	21.4	21.3	20.9	20.4	20.2	20.4	20.8	21.4	21.6	21.4	21.0	20.5	20.3	20.6	21.0	21.4			
30	20.8	20.6	20.1	19.4	19.1	19.3	20.0	20.7	21.1	20.8	20.2	19.5	19.3	19.6	20.2	20.7			
35	20.4	19.9	19.1	18.3	17.9	18.2	19.1	20.0	20.5	20.1	19.3	18.4	18.0	18.4	19.3	20.0			
40	20.4	19.6	18.1	17.1	16.6	17.0	18.0	19.4	20.2	19.6	18.3	17.1	16.6	17.2	18.2	19.7			
45	20.1	19.4	17.1	15.7	15.2	15.7	17.0	19.0	19.9	19.2	17.2	15.8	15.1	15.8	17.2	19.4			
50	19.8	18.9	16.5	14.3	13.7	14.3	16.2	18.5	19.6	18.7	16.5	14.4	13.6	14.4	16.6	19.0			
55	19.3	18.3	15.8	12.9	12.2	12.9	15.4	17.9	19.1	18.2	15.7	12.9	12.0	12.9	15.8	18.5			
60	18.8	17.8	14.9	11.5	10.6	11.5	14.4	17.3	18.6	17.6	14.8	11.4	10.3	11.4	15.0	17.9			
65	18.2	17.1	14.0	10.4	9.02	10.3	13.5	16.7	18.1	16.9	13.9	10.2	8.67	10.2	14.1	17.2			
70	17.6	16.4	13.2	9.20	7.40	9.08	12.6	16.0	17.5	16.3	13.0	9.04	6.99	9.03	13.2	16.5			
75	16.9	15.7	12.3	8.02	5.78	7.88	11.8	15.4	16.9	15.6	12.2	7.87	5.33	7.84	12.3	15.8			
80	16.2	15.0	11.5	6.94	4.15	6.79	11.0	14.7	16.2	14.9	11.4	6.82	3.69	6.75	11.5	15.1			
85	15.4	14.2	10.8	6.04	2.54	5.88	10.3	13.9	15.5	14.2	10.6	5.94	2.06	5.84	10.8	14.3			
90	14.6	13.5	10.1	5.38	1.21	5.19	9.60	13.2	14.7	13.4	9.94	5.27	0.69	5.18	10.1	13.5			
95	13.9	12.8	9.51	4.99	1.23	4.78	9.03	12.5	14.0	12.7	9.34	4.85	0.78	4.72	9.42	12.8			
100	13.1	12.1	8.96	3.95	1.23	4.56	8.53	11.8	13.2	12.0	8.81	4.63	0.80	3.54	8.89	12.1			
105	12.3	11.2	7.74	3.53	1.23	4.47	8.08	11.1	12.4	11.3	8.33	4.55	0.82	3.06	7.82	11.3			
110	11.0	9.96	7.06	3.66	1.15	4.45	7.71	10.5	11.7	10.6	7.91	4.55	0.82	3.30	6.08	10.2			
115	10.3	9.26	6.60	3.71	1.06	4.43	7.38	9.84	10.9	9.97	7.56	4.55	0.80	3.60	5.99	9.14			
120	9.62	8.66	6.33	3.46	0.98	4.36	7.08	9.26	10.2	9.38	7.24	4.54	0.80	3.71	6.08	7.58			
125	9.01	8.14	5.89	3.20	0.93	4.18	6.80	8.71	9.56	8.81	6.93	4.36	0.80	3.62	5.59	7.36			
130	8.19	7.74	5.17	3.17	0.88	4.09	6.50	8.19	8.93	8.28	6.61	4.25	0.81	3.45	5.21	7.10			
135	7.68	7.28	4.75	2.95	0.84	4.05	6.18	7.66	8.32	7.74	6.28	4.20	0.83	3.24	4.78	6.67			
140	7.12	6.68	4.00	2.62	0.80	3.77	5.70	7.13	7.71	7.20	5.81	3.96	0.84	2.91	4.40	6.18			
145	6.61	5.24	3.64	2.31	0.80	3.53	5.32	6.54	7.09	6.62	5.38	3.68	0.86	2.57	3.99	5.47			
150	5.97	4.16	3.29	2.00	0.81	3.31	4.99	5.86	6.32	5.91	5.06	3.52	0.88	2.23	3.57	4.73			
155	5.50	3.61	2.74	1.86	0.83	2.84	4.47	5.36	5.21	5.41	4.58	3.05	0.91	1.99	3.04	3.98			
160	4.82	2.89	2.30	1.78	0.85	2.48	3.93	4.74	5.01	4.80	3.97	2.64	0.95	1.86	2.48	3.18			
165	3.48	2.09	2.14	1.64	0.89	2.10	3.40	3.98	4.12	4.02	3.50	2.23	0.98	1.71	2.22	2.38			
170	1.53	1.59	1.84	1.47	0.94	1.75	2.62	3.24	2.08	3.31	2.69	1.85	1.01	1.54	1.88	1.80			
175	1.06	1.30	1.44	1.26	0.99	1.43	1.89	2.20	1.58	2.25	1.91	1.50	1.03	1.32	1.48	1.38			
180	1.01	1.08	1.03	1.03	1.02	1.04	1.07	1.08	1.03	1.10	1.04	1.04	1.03	1.05	1.05	1.07			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

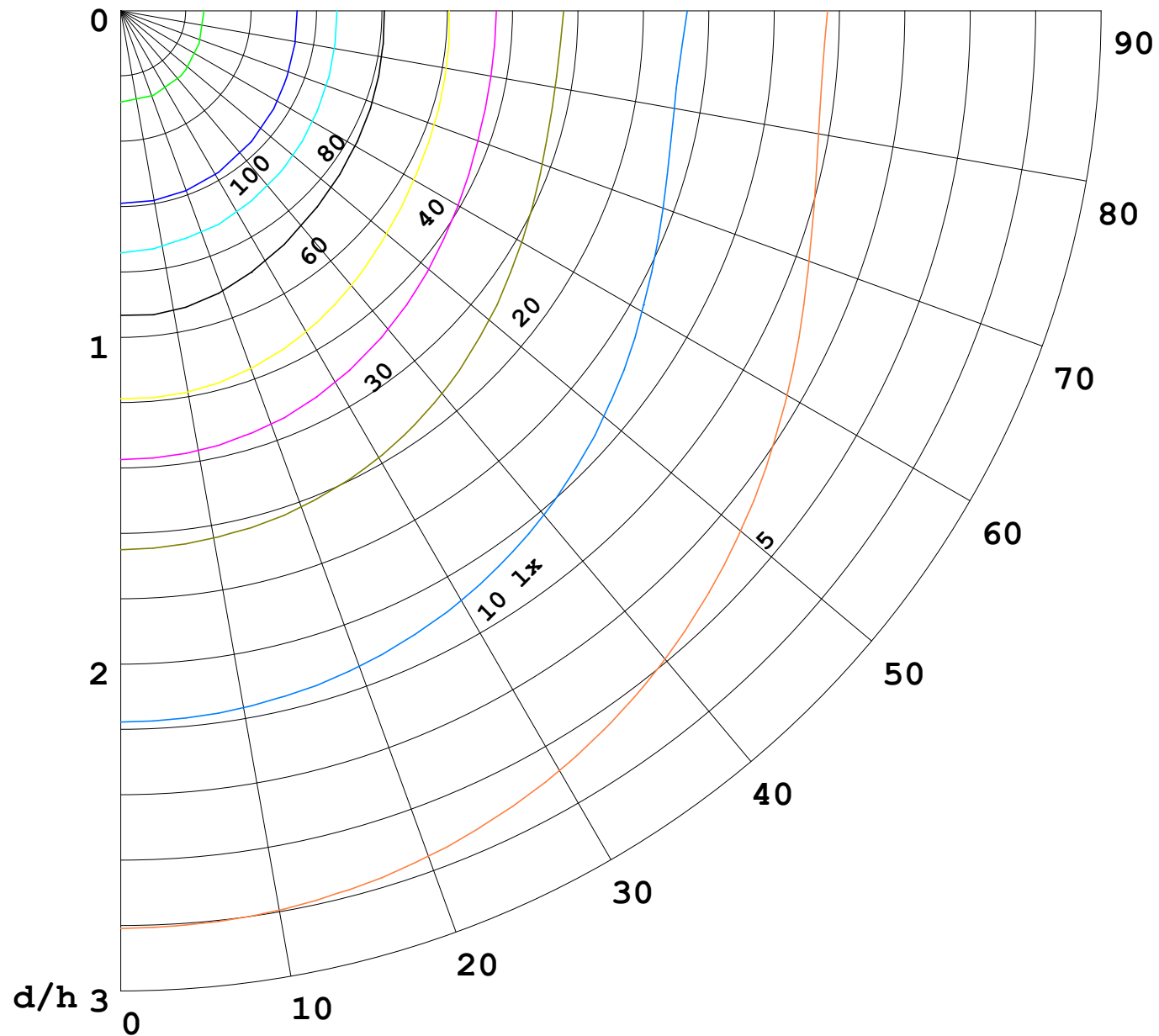
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

I (cd)



1000 lm

$\kappa = 1$



F = 1000 lm
 K = 0.7
 Hcc = 0.8 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

