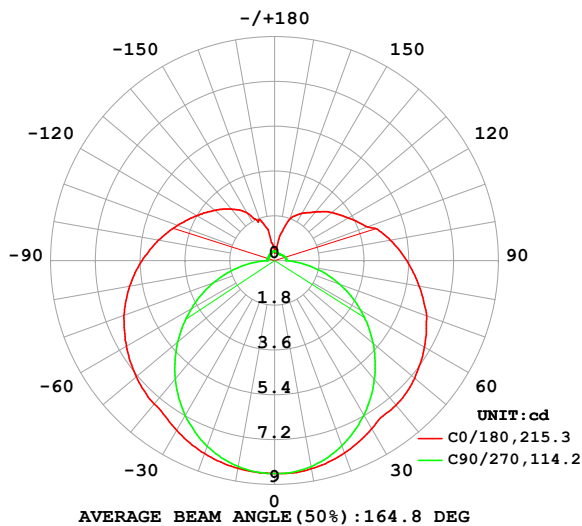


LUMINAIRE PHOTOMETRIC TEST REPORT

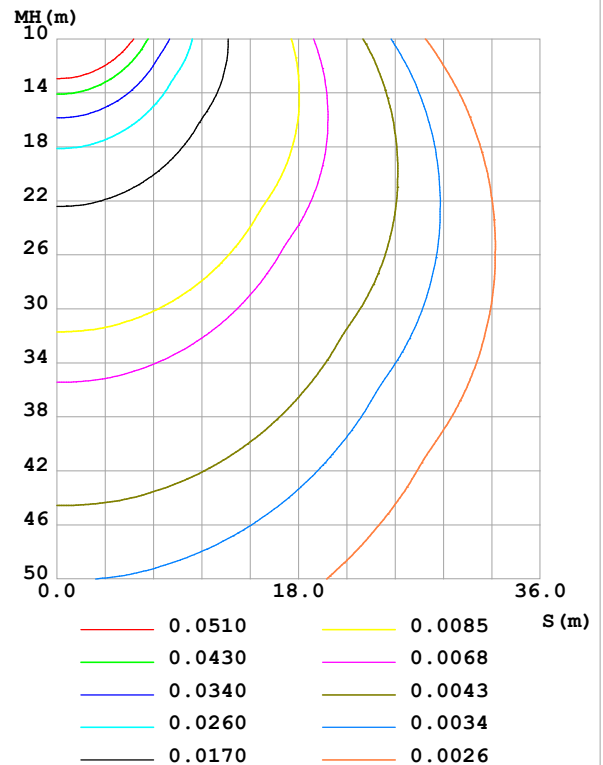
Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.8821x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.67 lm/W			
MODEL		I _{max} (cd)	8.566	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	48.882	η UP,DN(C0-180)	14.1,35.8
NOMINAL FLUX(lm)	48.8821	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	14.1,35.9
LAMPS INSIDE	1	η up (%)	28.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	71.8	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:2024-10-08

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: RED

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	8.497	8.482	8.410	8.439	8.482	8.433	8.407	8.468	0- 10	0.8123	0.8123	1.66,1.66
20	8.228	8.118	7.917	8.074	8.250	8.100	7.938	8.125	10- 20	2.345	3.157	6.46,6.46
30	7.808	7.537	7.175	7.484	7.880	7.533	7.187	7.543	20- 30	3.613	6.770	13.8,13.8
40	7.591	6.803	6.239	6.750	7.524	6.816	6.214	6.809	30- 40	4.501	11.27	23.1,23.1
50	7.354	6.170	5.174	6.070	7.261	6.151	5.087	6.164	40- 50	5.038	16.31	33.4,33.4
60	6.958	5.543	4.004	5.394	6.885	5.486	3.860	5.556	50- 60	5.209	21.52	44,44
70	6.501	4.881	2.783	4.700	6.450	4.815	2.621	4.868	60- 70	5.027	26.55	54.3,54.3
80	5.899	4.250	1.567	4.075	5.918	4.185	1.379	4.212	70- 80	4.576	31.12	63.7,63.7
90	5.315	3.695	0.4654	3.525	5.331	3.625	0.2831	3.656	80- 90	3.956	35.08	71.8,71.8
100	4.736	3.256	0.4592	3.104	4.741	3.180	0.3004	3.230	90-100	3.399	38.48	78.7,78.7
110	3.982	2.562	0.4506	2.785	4.154	2.833	0.3003	2.480	100-110	2.851	41.33	84.5,84.5
120	3.434	2.296	0.3957	2.554	3.624	2.570	0.2946	2.194	110-120	2.342	43.67	89.3,89.3
130	3.006	1.883	0.3581	2.324	3.150	2.336	0.3004	1.822	120-130	1.886	45.56	93.2,93.2
140	2.555	1.507	0.3292	2.027	2.707	2.041	0.3205	1.592	130-140	1.442	47.00	96.1,96.1
150	2.199	1.226	0.3263	1.771	2.209	1.778	0.3264	1.264	140-150	0.9833	47.98	98.2,98.2
160	1.760	0.8704	0.3350	1.397	1.755	1.387	0.3553	0.8808	150-160	0.5799	48.56	99.3,99.3
170	0.5704	0.7143	0.3639	0.9190	0.7433	0.9216	0.3870	0.6936	160-170	0.2642	48.82	99.9,99.9
180	0.3876	0.3903	0.3870	0.3916	0.4050	0.3845	0.3870	0.3945	170-180	0.0574	48.88	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13.745 lm

%lum = 28.1%

%lamp = 28.1%

Conical surface Flux(130deg): 24.071 lm

%lum = 49.2%

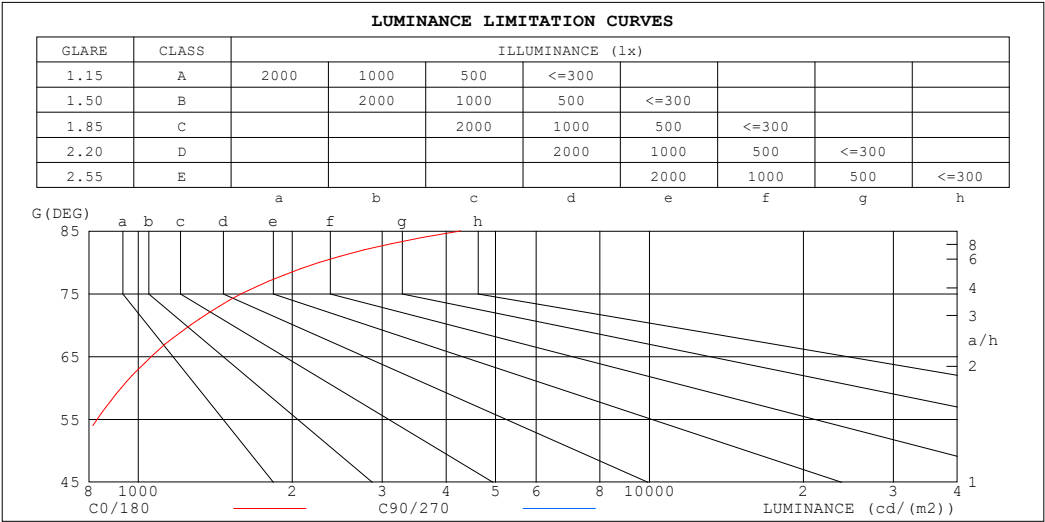
%lamp = 49.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Cloud
 Test Date:2024-10-08

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: RED

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz		
Lamp Flux:48.8821x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4272	727
80	2260	601
75	1591	561
70	1264	542
65	1060	535
60	926	534
55	831	534
50	761	536
45	705	539

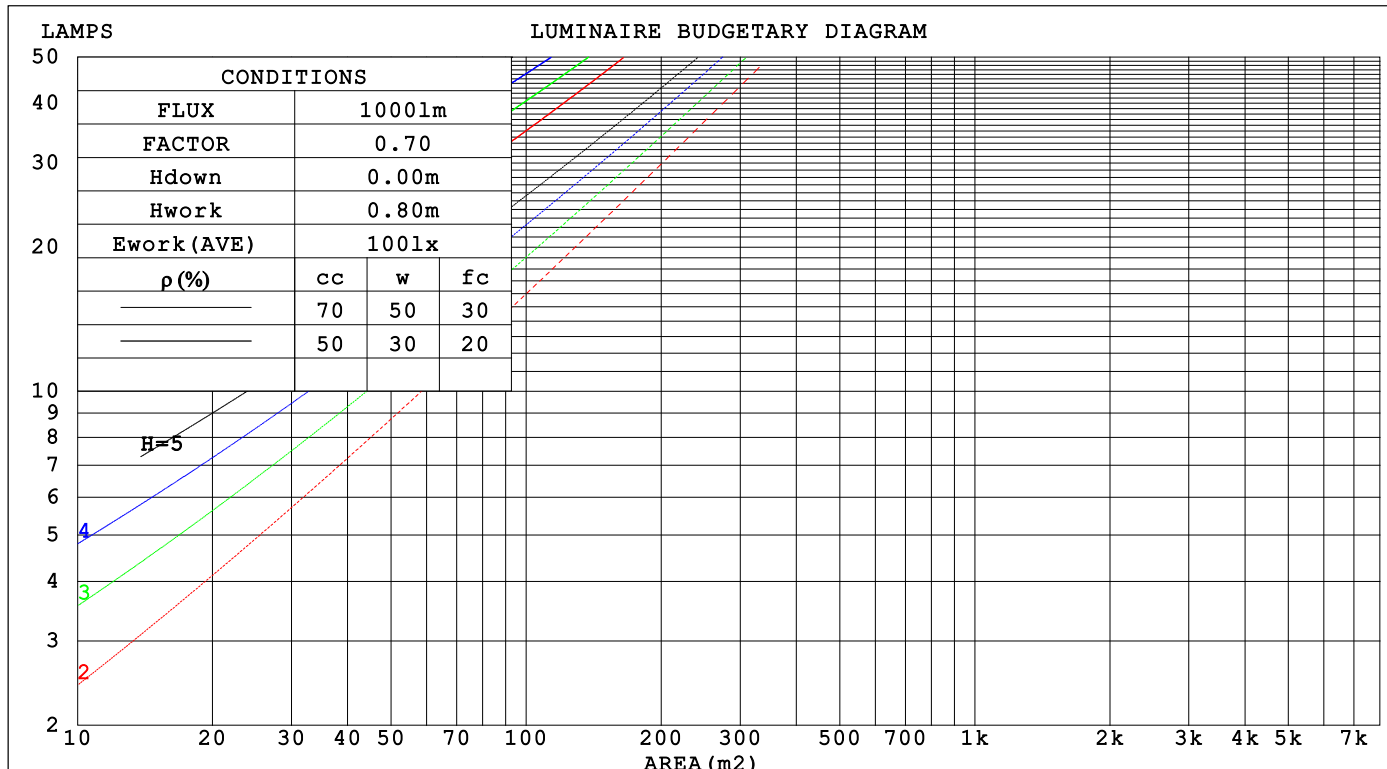
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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: RED

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.8821x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding 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	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.72														
1.0	.93	.87	.82	.88	.83	.78	.78	.74	.71	.69	.66	.64	.61	.59	.57	.53														
2.0	.79	.71	.65	.75	.68	.62	.67	.61	.56	.59	.54	.50	.52	.48	.45	.41														
3.0	.68	.59	.52	.65	.57	.50	.58	.51	.46	.51	.46	.41	.45	.41	.37	.34														
4.0	.60	.51	.43	.57	.48	.42	.51	.44	.38	.45	.39	.34	.40	.35	.31	.28														
5.0	.53	.44	.37	.50	.42	.35	.45	.38	.32	.40	.34	.29	.35	.30	.27	.24														
6.0	.48	.38	.32	.45	.37	.30	.40	.33	.28	.36	.30	.25	.32	.27	.23	.20														
7.0	.43	.34	.28	.41	.32	.26	.37	.29	.24	.33	.27	.22	.29	.24	.20	.18														
8.0	.39	.30	.24	.37	.29	.23	.33	.26	.22	.30	.24	.20	.27	.22	.18	.16														
9.0	.35	.27	.22	.34	.26	.21	.30	.24	.19	.27	.22	.18	.25	.20	.16	.14														
10.0	.33	.25	.19	.31	.24	.19	.28	.22	.17	.25	.20	.16	.23	.18	.15	.13														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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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: RED

```

WEC AND CCEC

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.8821x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	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	.214	.068	.346	.199	.063	.319	.184	.059	.294	.170	.055															
2.0	.335	.184	.056	.321	.177	.054	.294	.163	.051	.269	.151	.047	.246	.139	.044															
3.0	.296	.157	.047	.283	.151	.046	.258	.140	.043	.236	.129	.040	.215	.119	.037															
4.0	.265	.138	.041	.253	.133	.039	.231	.123	.037	.210	.113	.034	.191	.104	.032															
5.0	.241	.123	.036	.230	.118	.034	.209	.109	.032	.190	.100	.030	.173	.092	.028															
6.0	.220	.110	.032	.210	.106	.031	.192	.098	.029	.174	.090	.027	.158	.083	.025															
7.0	.203	.100	.028	.194	.096	.028	.176	.089	.026	.160	.082	.024	.145	.075	.022															
8.0	.188	.092	.026	.180	.088	.025	.164	.082	.023	.149	.075	.022	.135	.069	.020															
9.0	.175	.085	.024	.167	.082	.023	.153	.075	.021	.139	.070	.020	.126	.064	.018															
10.0	.164	.078	.022	.156	.076	.021	.143	.070	.020	.130	.065	.018	.118	.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	.406	.406	.406	.347	.347	.347	.237	.237	.237	.136	.136	.136	.043	.043	.043	
1.0	.403	.372	.345	.345	.320	.297	.236	.220	.205	.136	.127	.119	.043	.041	.039	
2.0	.396	.350	.311	.340	.301	.269	.233	.208	.188	.134	.121	.110	.043	.039	.036	
3.0	.389	.334	.290	.334	.288	.252	.229	.200	.177	.132	.117	.104	.042	.038	.034	
4.0	.381	.322	.276	.327	.278	.240	.225	.194	.169	.130	.114	.100	.042	.037	.033	
5.0	.374	.312	.267	.321	.270	.232	.221	.189	.164	.128	.111	.097	.041	.036	.032	
6.0	.366	.305	.260	.315	.264	.227	.217	.185	.160	.126	.109	.095	.041	.036	.031	
7.0	.359	.298	.255	.309	.258	.222	.214	.181	.158	.124	.107	.094	.040	.035	.031	
8.0	.353	.293	.251	.304	.254	.219	.210	.178	.155	.122	.105	.093	.040	.034	.031	
9.0	.347	.288	.248	.299	.250	.217	.207	.176	.154	.121	.104	.092	.039	.034	.030	
10.0	.341	.284	.246	.294	.247	.215	.204	.173	.153	.119	.103	.091	.039	.034	.030	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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: RED

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.882lx1 lm											
NAME: SF21-24V-5050-60-RGBW(4000)					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	18.9	20.2	19.6	20.8	21.6
	3H	24.4	25.5	25.0	26.2	27.0	20.7	21.9	21.4	22.6	23.4
	4H	26.0	27.1	26.7	27.8	28.6	21.6	22.7	22.3	23.4	24.2
	6H	27.8	28.9	28.5	29.6	30.4	22.4	23.4	23.1	24.1	25.0
	8H	28.9	29.9	29.6	30.6	31.4	22.7	23.7	23.4	24.5	25.3
	12H	30.0	31.0	30.7	31.7	32.6	23.0	24.0	23.8	24.7	25.6
4H	2H	22.0	23.1	22.6	23.8	24.6	20.2	21.3	20.9	22.0	22.8
	3H	25.2	26.1	25.9	26.9	27.7	22.2	23.2	22.9	23.9	24.8
	4H	27.0	27.9	27.8	28.7	29.6	23.2	24.1	24.0	24.9	25.8
	6H	29.1	29.9	29.8	30.6	31.6	24.2	25.0	25.0	25.8	26.7
	8H	30.2	30.9	31.0	31.7	32.7	24.6	25.4	25.4	26.1	27.1
	12H	31.5	32.2	32.3	33.0	33.9	25.0	25.7	25.8	26.5	27.5
8H	4H	27.4	28.1	28.2	28.9	29.8	24.5	25.2	25.2	26.0	26.9
	6H	29.7	30.4	30.5	31.2	32.2	25.8	26.4	26.6	27.2	28.2
	8H	31.1	31.7	31.9	32.5	33.5	26.4	26.9	27.2	27.8	28.8
	12H	32.7	33.2	33.5	34.0	35.0	27.0	27.5	27.8	28.3	29.3
12H	4H	27.4	28.1	28.2	28.9	29.8	24.9	25.6	25.7	26.3	27.3
	6H	29.9	30.4	30.7	31.3	32.3	26.4	27.0	27.2	27.8	28.8
	8H	31.3	31.8	32.2	32.7	33.7	27.2	27.7	28.1	28.6	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, 48.88 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -10.5)
Area: 0.015 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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: RED

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.882lx1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

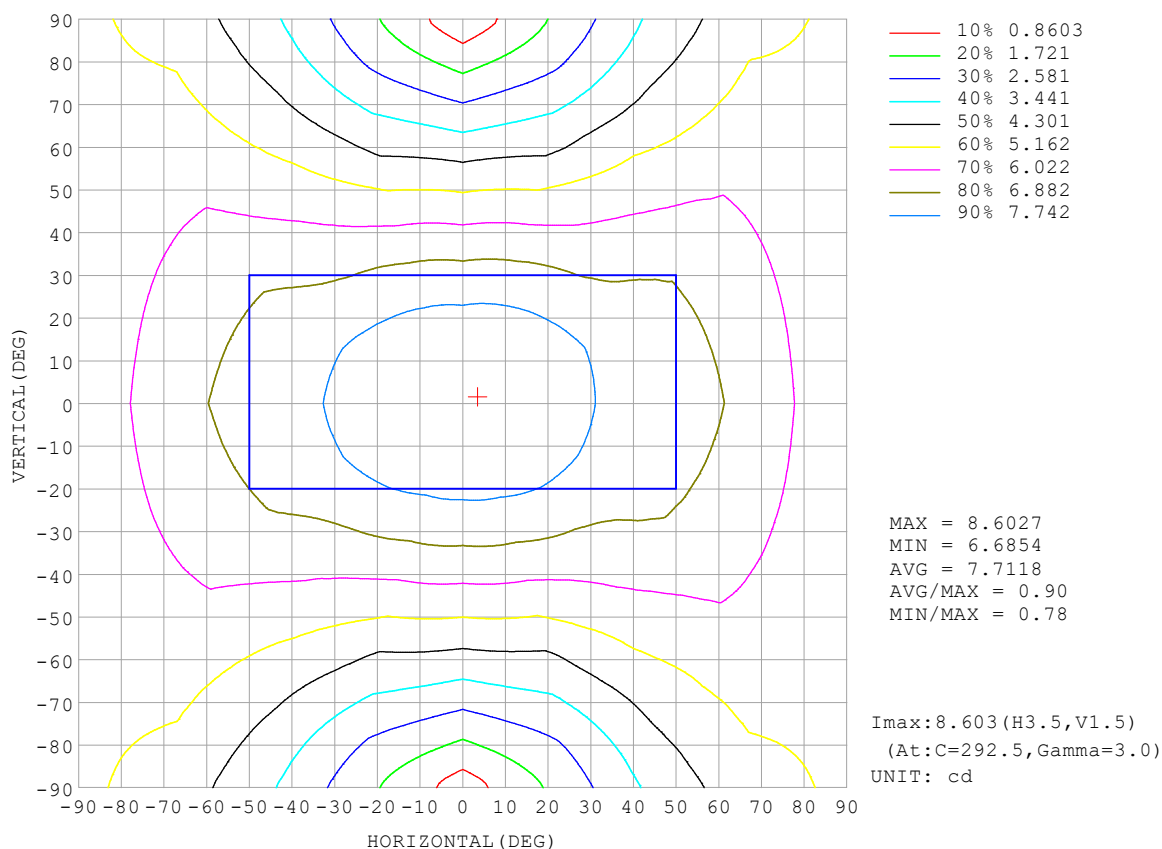
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	25	43	31	24	40	30	24	17
0.80	53	40	32	51	39	31	48	37	30	22
1.00	61	47	39	58	46	38	54	46	36	27
1.25	68	54	46	65	53	44	59	49	42	31
1.50	73	60	51	69	58	50	63	54	47	35
2.00	80	68	60	76	66	58	69	61	54	40
2.50	85	74	66	81	71	63	73	65	59	44
3.00	89	79	71	84	75	68	76	69	63	47
4.00	93	85	78	89	81	75	80	74	69	51
5.00	97	89	83	92	85	79	82	77	73	54
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: 2024-10-08

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: RED

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.882lx1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

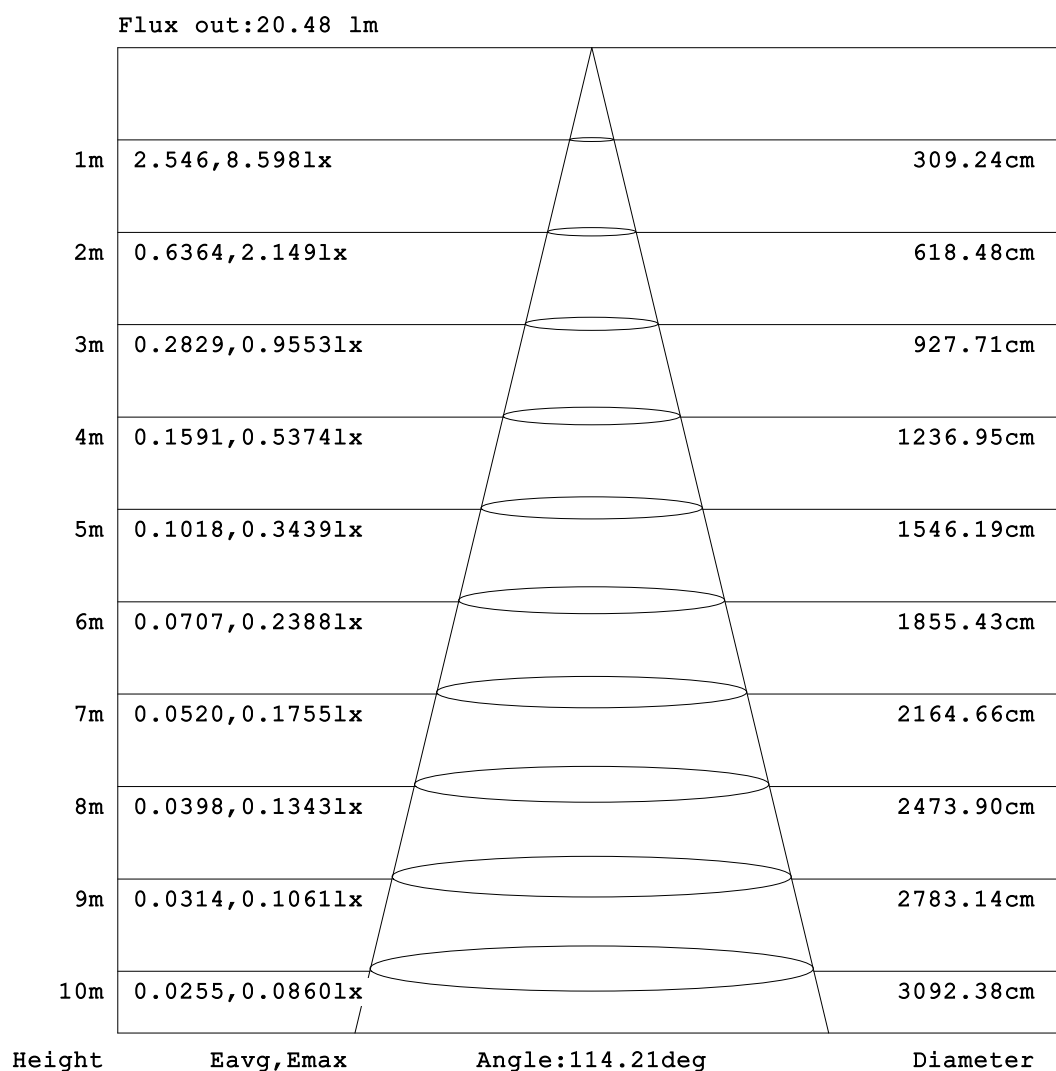


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-10-08

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: RED

AAI Figure

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.8821lx1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



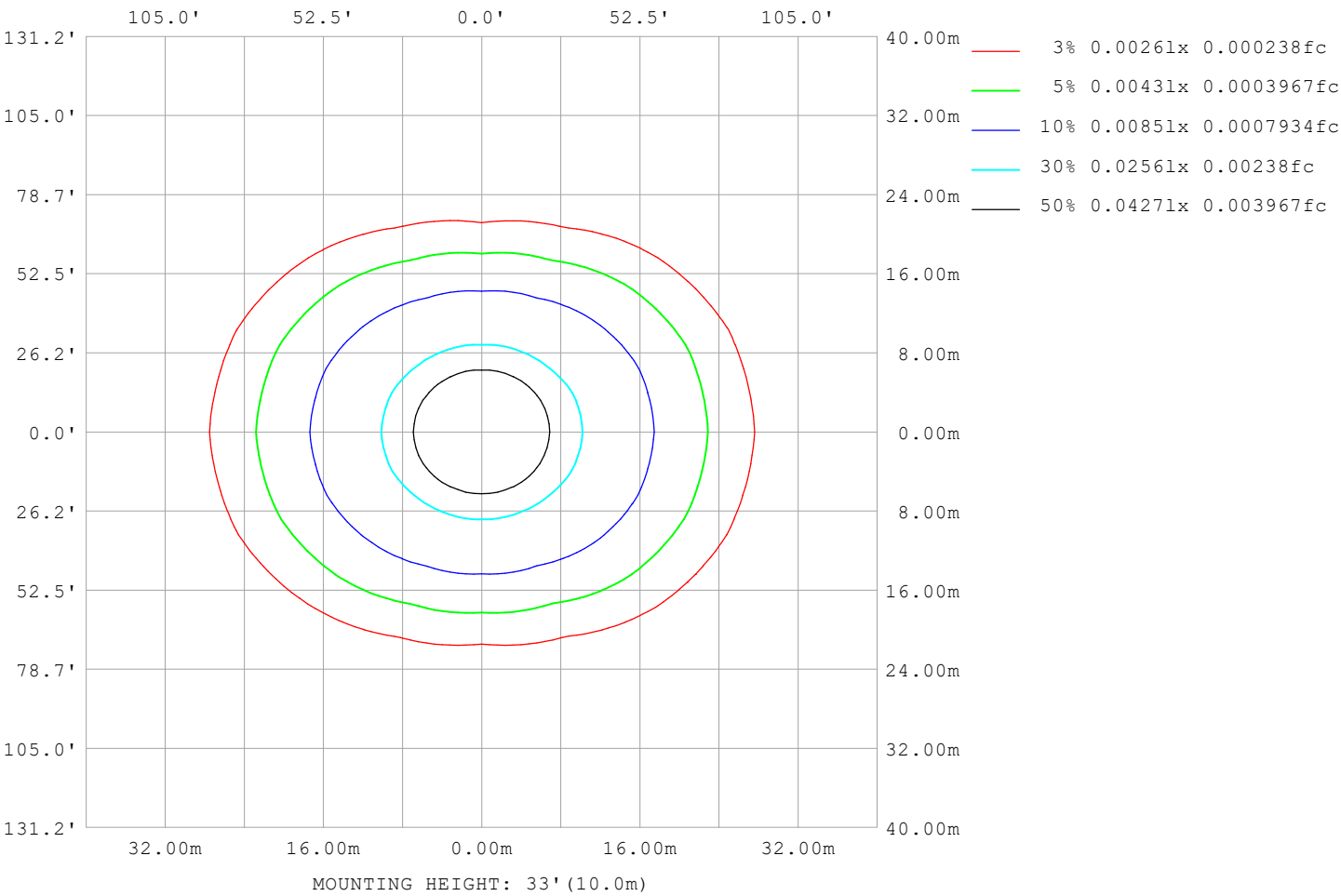
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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: RED

ISOLUX DIAGRAM

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.882lx 1m		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:Cloud	Test Distance:6.360m [K=1.0000]
Test Date:2024-10-08	Remarks: RED

LED Avg.L Report

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.882lx1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

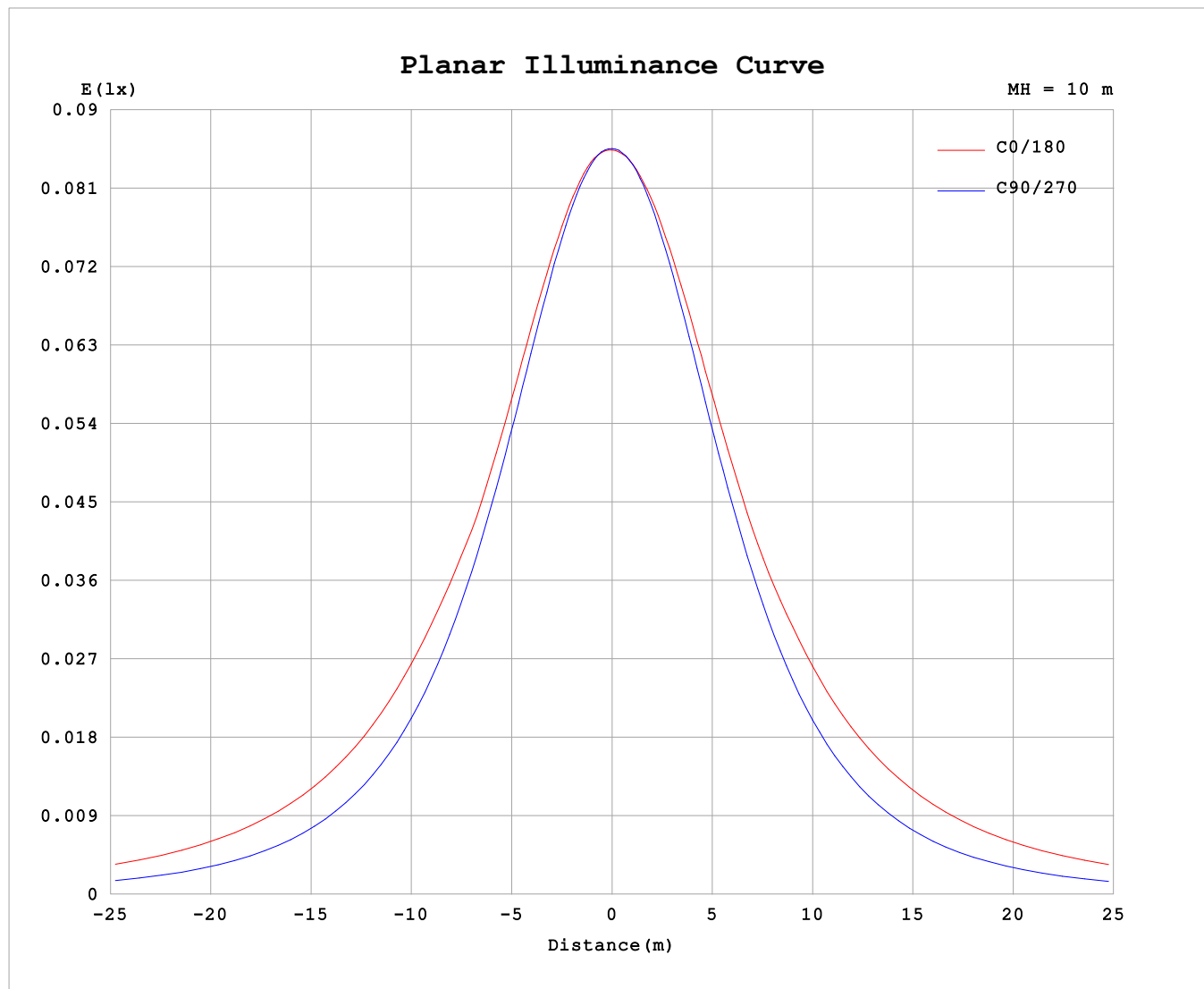
AvgL	cd/m2
L_0~180 (65) av	1057
L_0~180 (75) av	1594
L_0~180 (85) av	4294
L_90~270 (65) av	523
L_90~270 (75) av	538
L_90~270 (85) av	659
L_45 (65) av	814
L_45 (75) av	1154
L_45 (85) av	2975

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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: RED

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-10-08

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: RED

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1608A P:3.859W PF:1.000 Freq:0Hz Lamp Flux:48.882lx1 lm																	
NAME: SF21-24V-5050-60-RGBW(4000)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

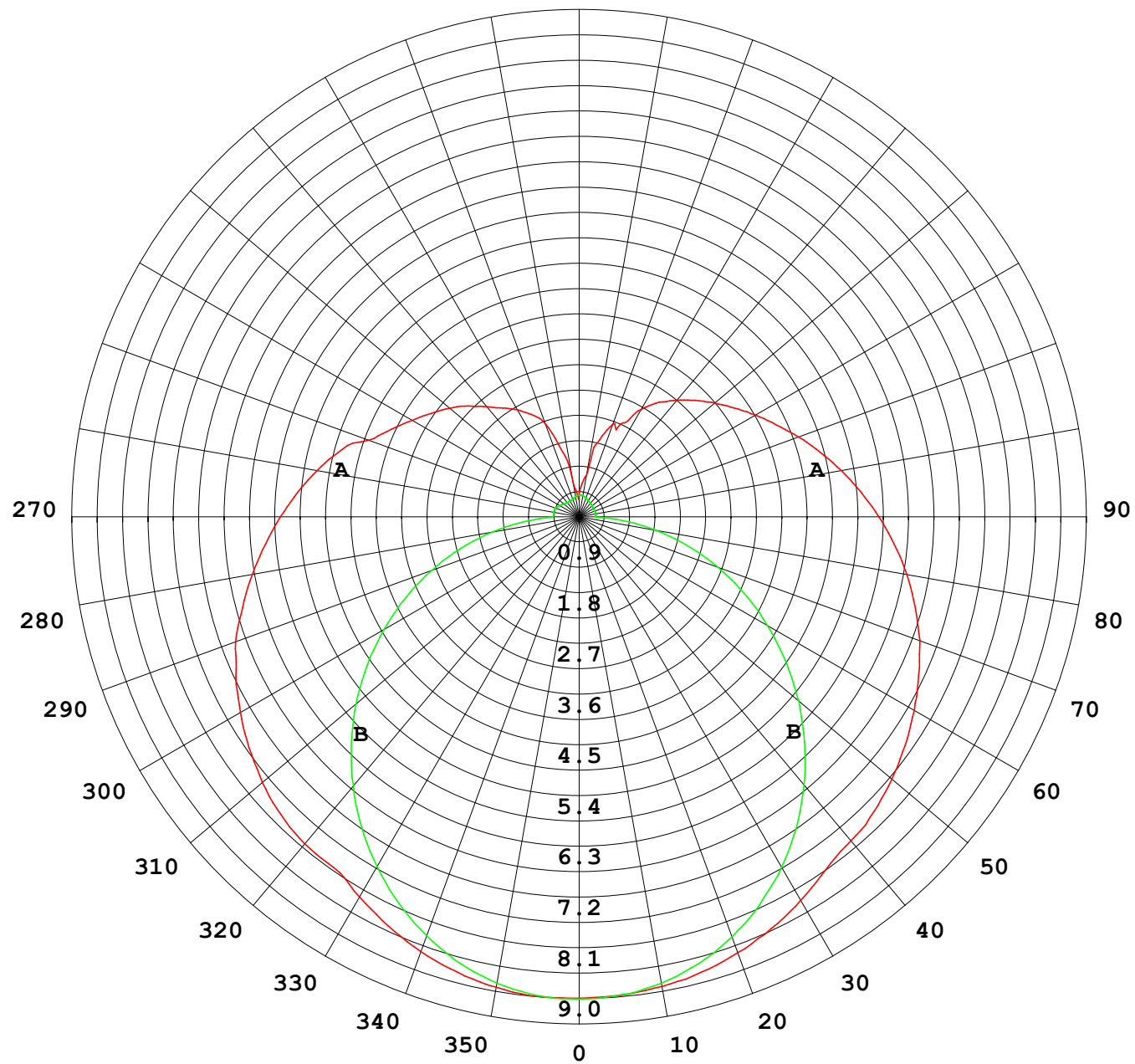
UNIT: cd

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	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	8.56	
5	8.56	8.54	8.56	8.53	8.53	8.51	8.53	8.52	8.54	8.54	8.52	8.54	8.52	8.56	8.55	8.57	
10	8.50	8.48	8.48	8.42	8.41	8.38	8.44	8.45	8.48	8.48	8.43	8.43	8.41	8.46	8.47	8.52	
15	8.38	8.35	8.33	8.24	8.20	8.19	8.28	8.34	8.38	8.37	8.29	8.25	8.21	8.28	8.32	8.40	
20	8.23	8.19	8.12	7.98	7.92	7.93	8.07	8.17	8.25	8.22	8.10	7.99	7.94	8.04	8.12	8.23	
25	8.03	7.97	7.86	7.66	7.57	7.61	7.80	7.97	8.08	8.01	7.84	7.69	7.59	7.72	7.86	8.02	
30	7.81	7.72	7.54	7.28	7.17	7.23	7.48	7.73	7.88	7.79	7.53	7.31	7.19	7.34	7.54	7.77	
35	7.61	7.44	7.18	6.86	6.73	6.82	7.14	7.46	7.65	7.52	7.19	6.89	6.73	6.91	7.20	7.49	
40	7.59	7.29	6.80	6.39	6.24	6.37	6.75	7.24	7.52	7.31	6.82	6.42	6.21	6.43	6.81	7.33	
45	7.50	7.19	6.41	5.90	5.72	5.88	6.36	7.09	7.42	7.18	6.43	5.90	5.66	5.92	6.41	7.24	
50	7.35	7.00	6.17	5.38	5.17	5.38	6.07	6.88	7.26	6.97	6.15	5.38	5.09	5.39	6.16	7.06	
55	7.17	6.80	5.88	4.84	4.59	4.84	5.75	6.65	7.08	6.76	5.83	4.83	4.48	4.85	5.88	6.85	
60	6.96	6.56	5.54	4.30	4.00	4.32	5.39	6.40	6.88	6.51	5.49	4.30	3.86	4.29	5.56	6.62	
65	6.74	6.30	5.22	3.86	3.39	3.86	5.05	6.15	6.66	6.27	5.15	3.85	3.24	3.82	5.23	6.37	
70	6.50	6.04	4.88	3.42	2.78	3.40	4.70	5.90	6.45	6.01	4.82	3.38	2.62	3.39	4.87	6.07	
75	6.19	5.76	4.55	2.97	2.18	2.95	4.37	5.63	6.19	5.74	4.48	2.95	2.00	2.92	4.51	5.80	
80	5.90	5.46	4.25	2.56	1.57	2.53	4.07	5.35	5.92	5.46	4.19	2.55	1.38	2.50	4.21	5.50	
85	5.60	5.16	3.97	2.23	0.95	2.19	3.79	5.07	5.63	5.18	3.89	2.21	0.77	2.16	3.91	5.21	
90	5.31	4.88	3.70	1.97	0.47	1.92	3.52	4.79	5.33	4.88	3.62	1.95	0.28	1.90	3.66	4.92	
95	5.03	4.62	3.47	1.81	0.46	1.76	3.31	4.51	5.04	4.60	3.39	1.79	0.30	1.73	3.44	4.65	
100	4.74	4.35	3.26	1.45	0.46	1.67	3.10	4.24	4.74	4.33	3.18	1.70	0.30	1.38	3.23	4.39	
105	4.44	4.03	2.82	1.28	0.46	1.62	2.93	3.98	4.44	4.06	2.99	1.67	0.30	1.07	2.85	4.07	
110	3.98	3.59	2.56	1.34	0.45	1.60	2.78	3.73	4.15	3.80	2.83	1.65	0.30	1.20	2.48	3.68	
115	3.69	3.33	2.40	1.33	0.42	1.59	2.65	3.50	3.87	3.56	2.69	1.65	0.29	1.30	2.07	3.29	
120	3.43	3.10	2.30	1.24	0.40	1.56	2.55	3.28	3.62	3.34	2.57	1.63	0.29	1.35	2.19	2.83	
125	3.21	2.93	2.13	1.22	0.38	1.49	2.44	3.09	3.37	3.13	2.46	1.56	0.30	1.34	2.01	2.53	
130	3.01	2.76	1.88	1.17	0.36	1.46	2.32	2.89	3.15	2.93	2.34	1.52	0.30	1.25	1.82	2.60	
135	2.79	2.60	1.70	1.10	0.34	1.43	2.20	2.69	2.93	2.74	2.21	1.50	0.31	1.17	1.74	2.37	
140	2.56	2.37	1.51	0.96	0.33	1.33	2.03	2.50	2.71	2.54	2.04	1.41	0.32	1.05	1.59	2.20	
145	2.36	1.91	1.36	0.86	0.33	1.24	1.89	2.29	2.49	2.34	1.89	1.30	0.32	0.94	1.42	1.99	
150	2.20	1.53	1.23	0.75	0.33	1.15	1.77	2.05	2.21	2.09	1.78	1.23	0.33	0.81	1.26	1.74	
155	2.01	1.31	1.03	0.71	0.33	0.98	1.58	1.87	1.85	1.91	1.60	1.07	0.34	0.73	1.08	1.46	
160	1.76	1.05	0.87	0.68	0.34	0.85	1.40	1.65	1.76	1.69	1.39	0.92	0.36	0.69	0.88	1.16	
165	1.25	0.77	0.82	0.63	0.35	0.72	1.19	1.39	1.42	1.42	1.20	0.78	0.37	0.65	0.79	0.87	
170	0.57	0.60	0.71	0.57	0.36	0.60	0.92	1.10	0.74	1.14	0.92	0.65	0.39	0.60	0.69	0.68	
175	0.40	0.51	0.57	0.50	0.38	0.49	0.67	0.74	0.59	0.78	0.66	0.53	0.39	0.53	0.56	0.54	
180	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.41	0.40	0.38	0.38	0.39	0.41	0.39	0.39	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

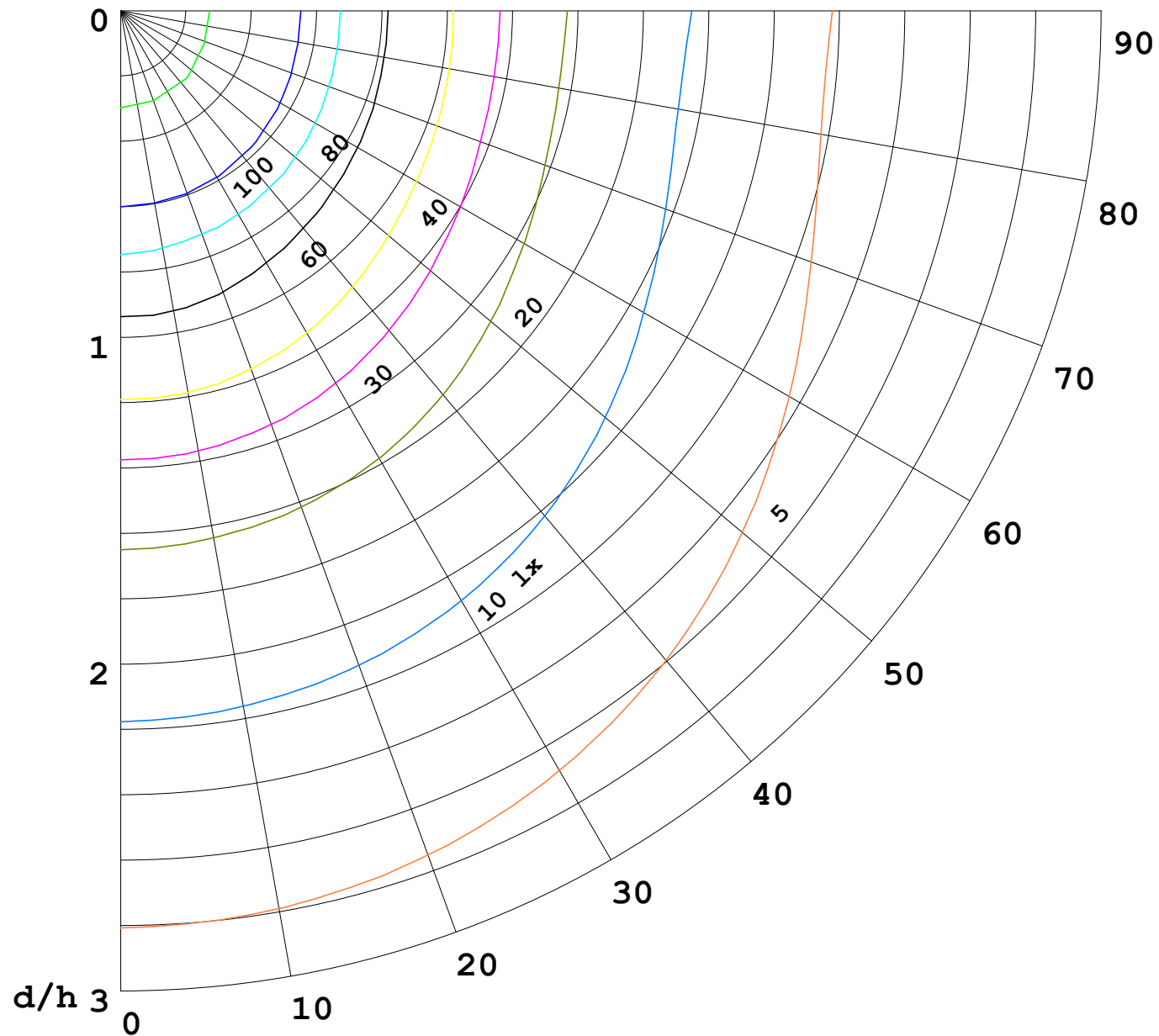
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: RED

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

