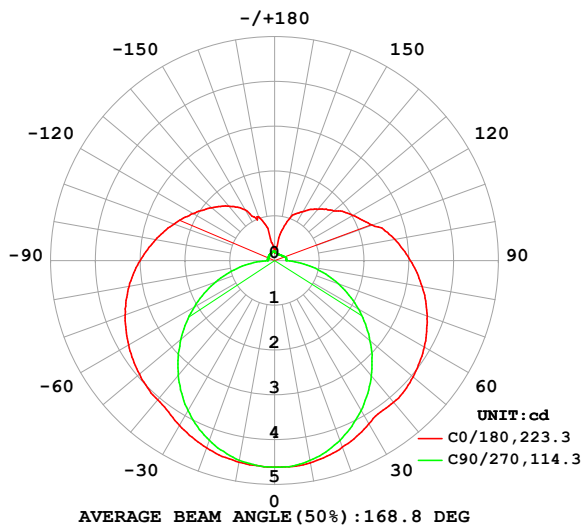


LUMINAIRE PHOTOMETRIC TEST REPORT

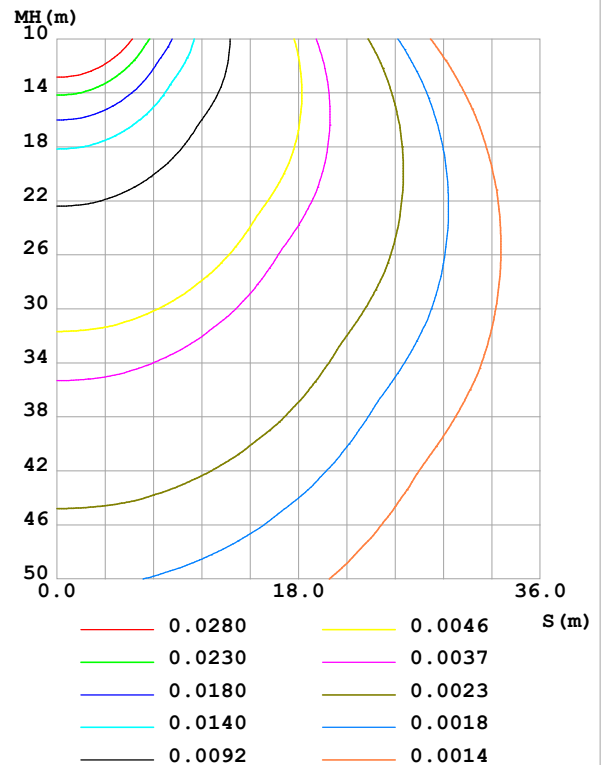
Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.68 lm/W
MODEL		I _{max} (cd)	4.619	S/MH(C0/180)	1.38	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	27.088	η UP,DN(C0-180)	14.6,35.3	
NOMINAL FLUX(lm)	27.0876	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	14.7,35.4	
LAMPS INSIDE	1	η up (%)	29.3	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)		η down (%)	70.7	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: BLUE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4.584	4.575	4.532	4.564	4.569	4.546	4.526	4.567	0- 10	0.4379	0.4379	1.62,1.62
20	4.431	4.376	4.273	4.368	4.448	4.359	4.272	4.384	10- 20	1.265	1.703	6.29,6.29
30	4.209	4.065	3.869	4.053	4.252	4.058	3.871	4.067	20- 30	1.948	3.651	13.5,13.5
40	4.131	3.669	3.364	3.660	4.059	3.677	3.345	3.679	30- 40	2.431	6.081	22.5,22.5
50	4.039	3.366	2.778	3.290	3.943	3.316	2.736	3.353	40- 50	2.729	8.810	32.5,32.5
60	3.860	3.049	2.163	2.927	3.767	2.981	2.069	3.041	50- 60	2.835	11.65	43,43
70	3.626	2.702	1.513	2.574	3.554	2.624	1.396	2.686	60- 70	2.754	14.40	53.2,53.2
80	3.347	2.373	0.8581	2.256	3.297	2.309	0.7353	2.354	70- 80	2.532	16.93	62.5,62.5
90	3.035	2.093	0.2629	1.976	3.003	2.023	0.1444	2.071	80- 90	2.216	19.15	70.7,70.7
100	2.729	1.862	0.2598	1.762	2.700	1.795	0.1645	1.831	90-100	1.927	21.07	77.8,77.8
110	2.320	1.478	0.2483	1.600	2.391	1.625	0.1645	1.470	100-110	1.632	22.71	83.8,83.8
120	2.020	1.322	0.2108	1.479	2.103	1.489	0.1645	1.219	110-120	1.353	24.06	88.8,88.8
130	1.731	1.095	0.1905	1.355	1.837	1.354	0.1761	1.069	120-130	1.093	25.15	92.9,92.9
140	1.498	0.8490	0.1703	1.187	1.589	1.195	0.1790	0.9040	130-140	0.8379	25.99	96,96
150	1.267	0.7016	0.1674	1.046	1.303	1.036	0.1819	0.7335	140-150	0.5729	26.56	98.1,98.1
160	1.025	0.4881	0.1674	0.8291	1.038	0.8225	0.1992	0.5053	150-160	0.3379	26.90	99.3,99.3
170	0.3309	0.3927	0.1819	0.5492	0.4181	0.5452	0.2136	0.3839	160-170	0.1533	27.06	99.9,99.9
180	0.1962	0.2165	0.2021	0.2224	0.2135	0.2165	0.2136	0.2166	170-180	0.0324	27.09	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7.4197 lm

%lum = 27.4%

%lamp = 27.4%

Conical surface Flux(130deg): 13.041 lm

%lum = 48.1%

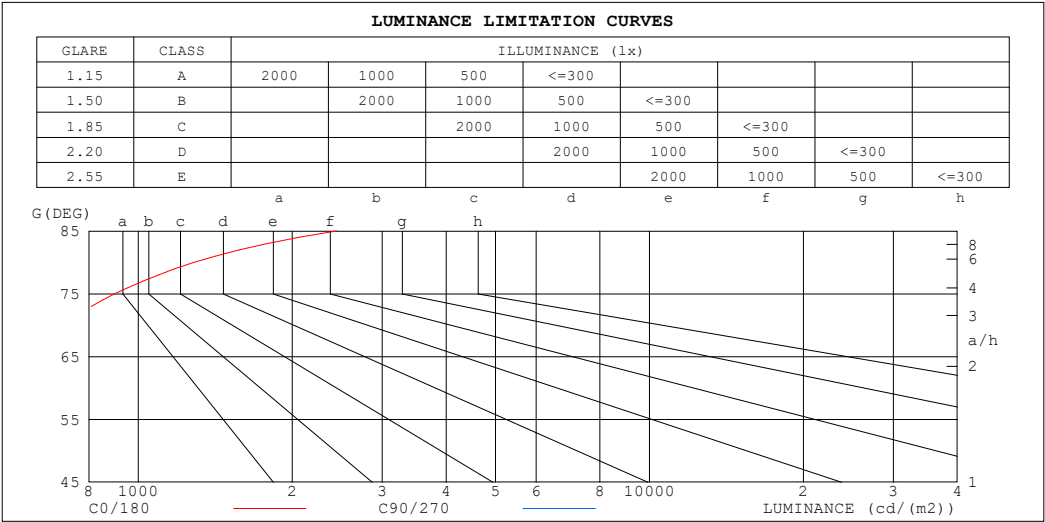
%lamp = 48.1%

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: BLUE

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



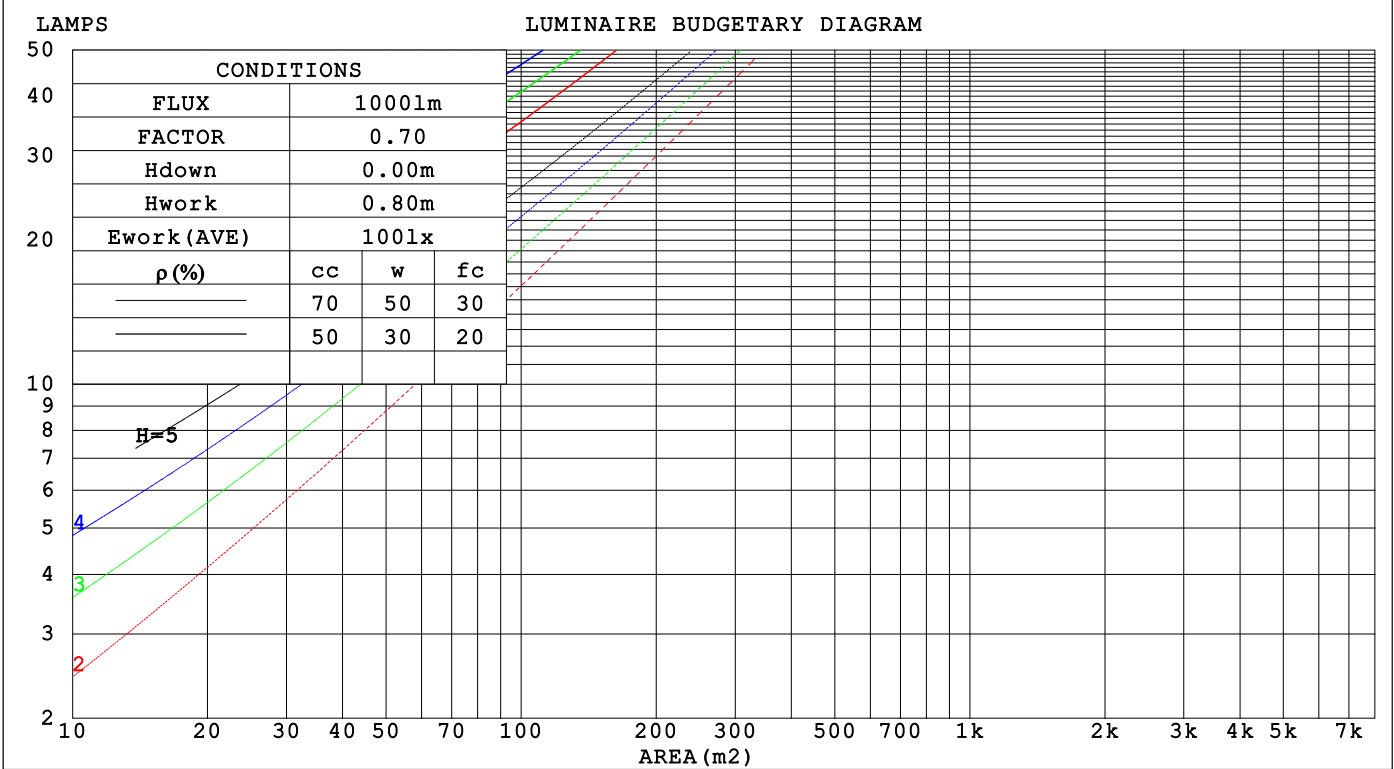
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2444	409
80	1285	329
75	900	305
70	707	295
65	591	289
60	515	288
55	460	288
50	419	288
45	387	290

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:2024-09-30	Remarks: BLUE

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz																	
Lamp Flux:27.0876x1 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	.75	.75	.75	.71
1.0	.93	.87	.82	.87	.82	.78	.78	.74	.70	.69	.66	.63	.60	.58	.56	.52
2.0	.79	.71	.64	.74	.67	.61	.66	.60	.55	.58	.54	.50	.51	.48	.44	.41
3.0	.68	.59	.52	.64	.56	.50	.57	.51	.45	.50	.45	.41	.44	.40	.36	.33
4.0	.60	.50	.43	.56	.48	.41	.50	.43	.38	.44	.39	.34	.39	.34	.30	.27
5.0	.53	.44	.37	.50	.41	.35	.45	.37	.32	.40	.34	.29	.35	.30	.26	.23
6.0	.47	.38	.31	.45	.36	.30	.40	.33	.28	.36	.30	.25	.31	.26	.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	.29	.24	.19	.26	.21	.18	.15
9.0	.35	.27	.21	.34	.26	.21	.30	.24	.19	.27	.21	.17	.24	.19	.16	.14
10.0	.32	.24	.19	.31	.23	.18	.28	.21	.17	.25	.20	.16	.22	.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: BLUE

WEC AND CCEC

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 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	.393	.223	.071	.376	.215	.068	.346	.199	.063	.318	.184	.059	.293	.170	.055															
2.0	.335	.184	.056	.321	.177	.054	.293	.163	.051	.268	.150	.047	.244	.138	.044															
3.0	.296	.157	.047	.283	.151	.046	.257	.140	.042	.234	.128	.039	.213	.118	.036															
4.0	.265	.138	.041	.253	.132	.039	.230	.122	.036	.209	.112	.034	.189	.103	.031															
5.0	.240	.123	.035	.229	.118	.034	.209	.109	.032	.189	.100	.030	.171	.091	.027															
6.0	.220	.110	.032	.210	.106	.031	.191	.098	.028	.173	.090	.026	.156	.082	.024															
7.0	.203	.100	.028	.193	.096	.027	.176	.089	.026	.159	.082	.024	.144	.075	.022															
8.0	.188	.092	.026	.179	.088	.025	.163	.081	.023	.148	.075	.022	.133	.068	.020															
9.0	.175	.085	.024	.167	.081	.023	.152	.075	.021	.138	.069	.020	.124	.063	.018															
10.0	.163	.078	.022	.156	.075	.021	.142	.070	.020	.129	.064	.018	.116	.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	.414	.414	.414	.354	.354	.354	.241	.241	.241	.139	.139	.139	.044	.044	.044	
1.0	.411	.381	.353	.352	.327	.304	.241	.225	.210	.139	.130	.122	.044	.042	.040	
2.0	.405	.358	.319	.347	.309	.276	.238	.213	.193	.137	.124	.113	.044	.040	.037	
3.0	.397	.342	.299	.341	.295	.259	.234	.205	.182	.135	.120	.107	.043	.039	.035	
4.0	.390	.330	.285	.334	.285	.247	.230	.199	.174	.133	.116	.103	.043	.038	.034	
5.0	.382	.321	.275	.328	.277	.240	.226	.194	.169	.131	.114	.100	.042	.037	.033	
6.0	.375	.313	.269	.322	.271	.234	.222	.190	.166	.129	.112	.098	.042	.036	.032	
7.0	.368	.307	.264	.316	.266	.230	.219	.186	.163	.127	.110	.097	.041	.036	.032	
8.0	.361	.301	.260	.311	.261	.227	.215	.183	.161	.125	.108	.096	.040	.035	.032	
9.0	.355	.296	.257	.306	.257	.224	.212	.181	.159	.123	.107	.095	.040	.035	.031	
10.0	.349	.292	.255	.301	.254	.222	.209	.179	.158	.122	.106	.094	.040	.035	.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: BLUE

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 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	22.6	22.0	23.3	24.1	18.7	20.0	19.4	20.6	21.4
	3H	24.4	25.5	25.1	26.2	27.0	20.6	21.7	21.2	22.4	23.2
	4H	26.1	27.1	26.7	27.9	28.7	21.4	22.5	22.1	23.2	24.1
	6H	27.9	28.9	28.6	29.7	30.5	22.2	23.3	22.9	24.0	24.9
	8H	28.9	29.9	29.7	30.7	31.5	22.6	23.6	23.3	24.3	25.2
	12H	30.1	31.1	30.9	31.8	32.7	22.9	23.9	23.7	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	27.8	22.1	23.0	22.8	23.8	24.7
	4H	27.0	27.9	27.8	28.7	29.6	23.1	24.0	23.9	24.7	25.7
	6H	29.1	29.9	29.9	30.7	31.6	24.1	24.8	24.8	25.6	26.6
	8H	30.3	31.0	31.1	31.8	32.8	24.5	25.2	25.3	26.0	27.0
	12H	31.6	32.3	32.4	33.1	34.1	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	31.2	31.7	32.0	32.6	33.6	26.3	26.9	27.1	27.7	28.7
	12H	32.8	33.3	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	30.5	30.7	31.3	32.3	26.4	26.9	27.2	27.8	28.8
	8H	31.4	31.9	32.3	32.8	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, 27.09 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -12.5)
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: BLUE

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

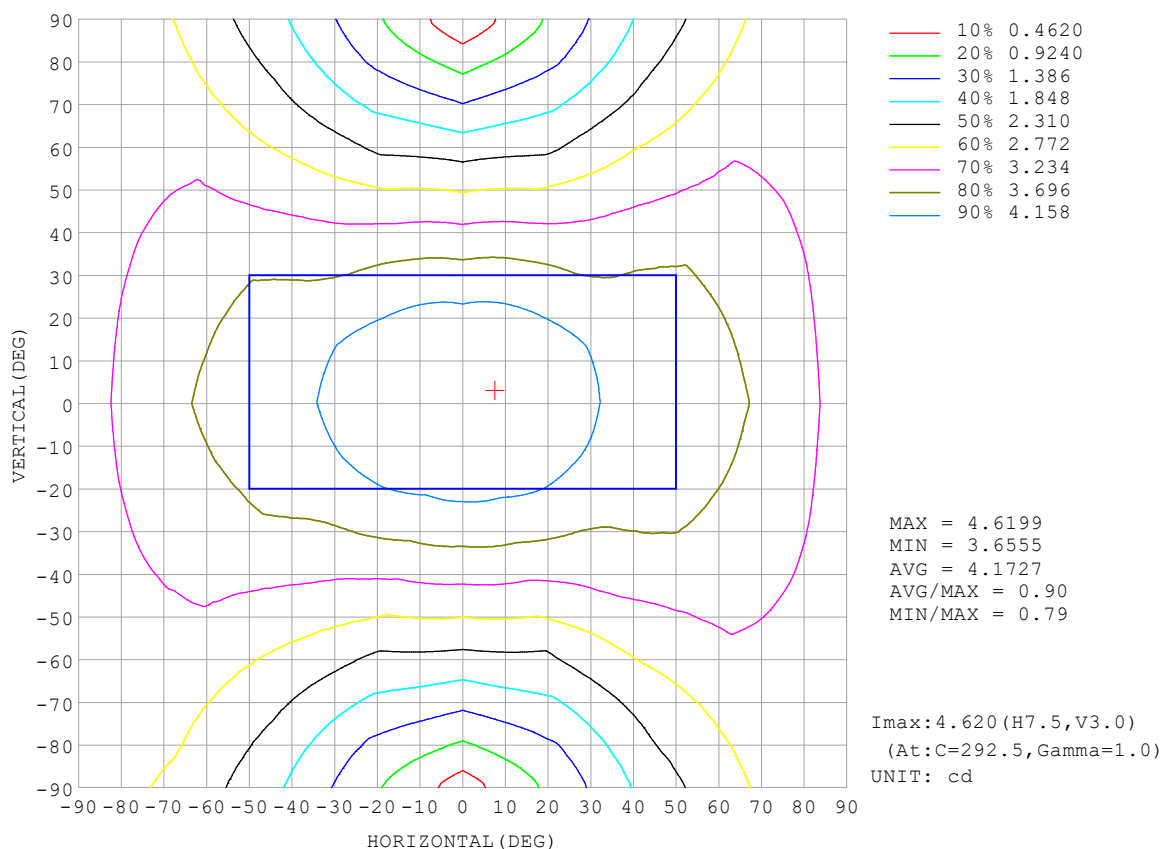
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	31	24	42	31	24	40	29	23	16
0.80	53	40	31	51	38	31	47	36	30	21
1.00	60	47	38	58	45	37	53	45	36	26
1.25	67	54	45	64	52	44	59	49	42	31
1.50	72	59	51	69	57	49	63	53	46	34
2.00	80	68	59	76	65	57	69	60	53	39
2.50	84	74	65	80	70	63	72	64	58	43
3.00	88	78	70	84	75	68	75	68	62	46
4.00	93	85	78	88	81	74	79	73	68	50
5.00	96	89	82	91	84	79	82	76	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: BLUE

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

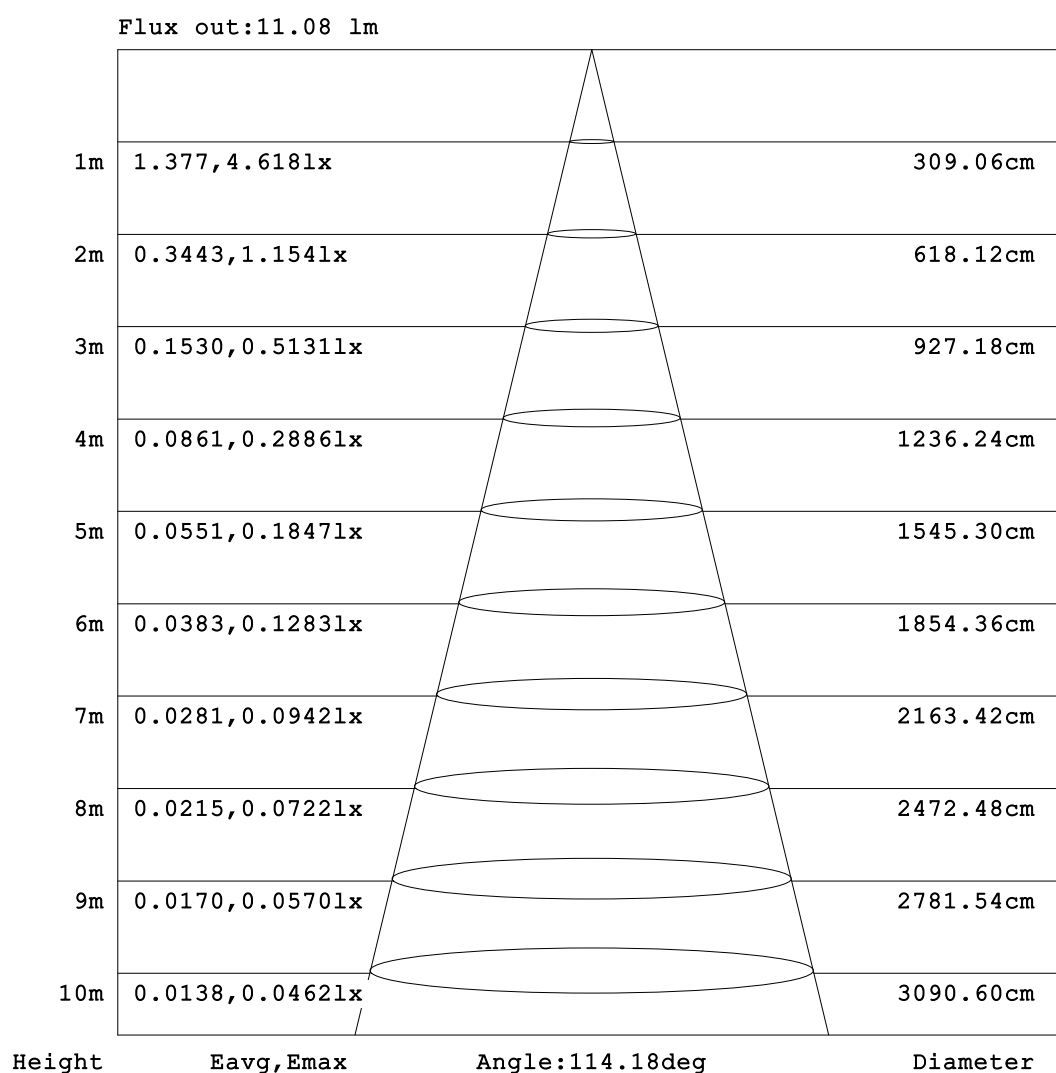


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-09-30

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: BLUE

AAI Figure

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



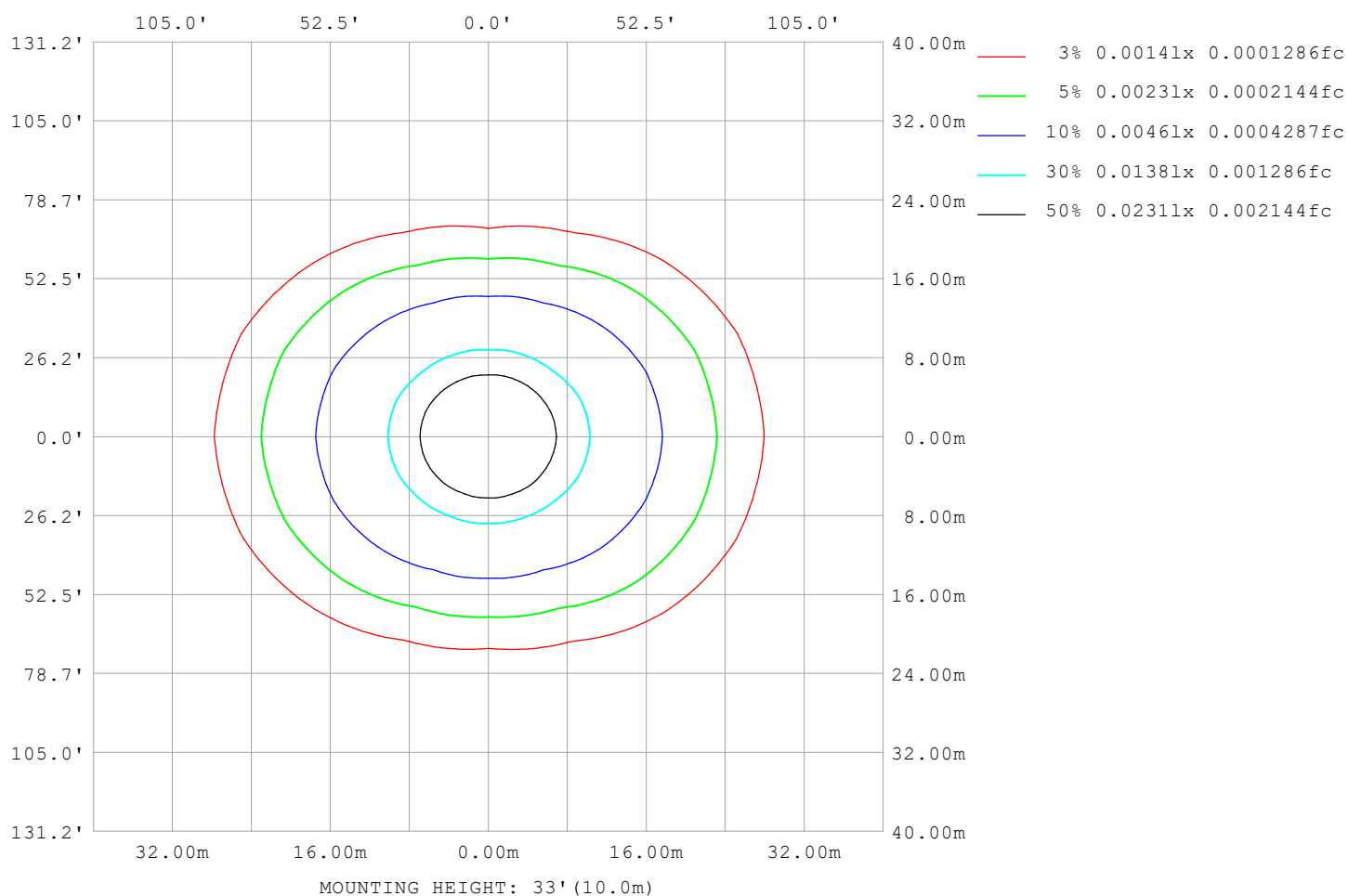
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: BLUE

ISOLUX DIAGRAM

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 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: BLUE

LED Avg.L Report

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

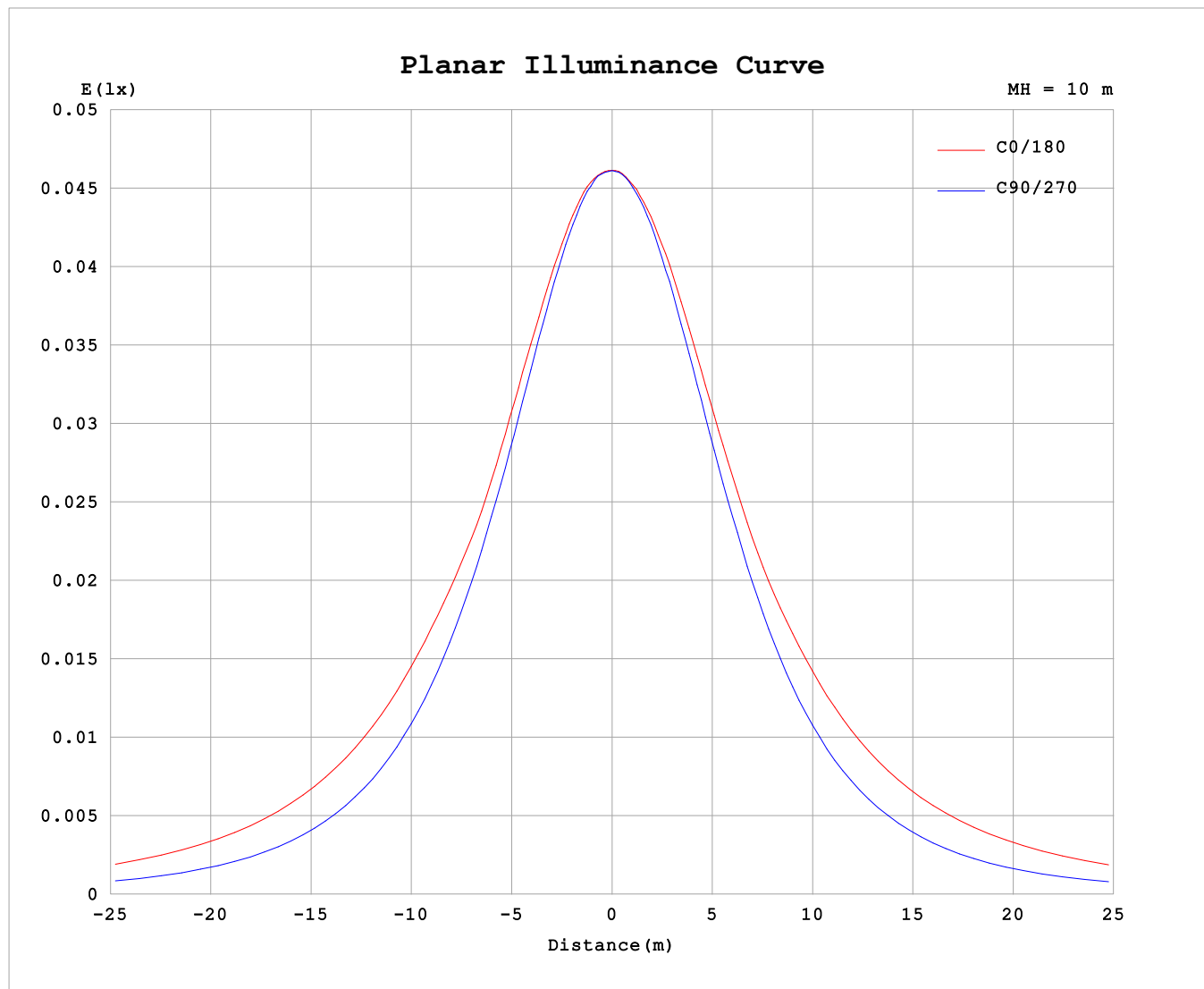
AvgL	cd/m2
L_0~180 (65) av	584
L_0~180 (75) av	892
L_0~180 (85) av	2428
L_90~270 (65) av	281
L_90~270 (75) av	289
L_90~270 (85) av	360
L_45 (65) av	445
L_45 (75) av	638
L_45 (85) av	1664

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: BLUE

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: BLUE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1689A P:4.054W PF:1.000 Freq:0Hz Lamp Flux:27.0876x1 lm																		
NAME: SF21-24V-5050-60-RGBW(2700)									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

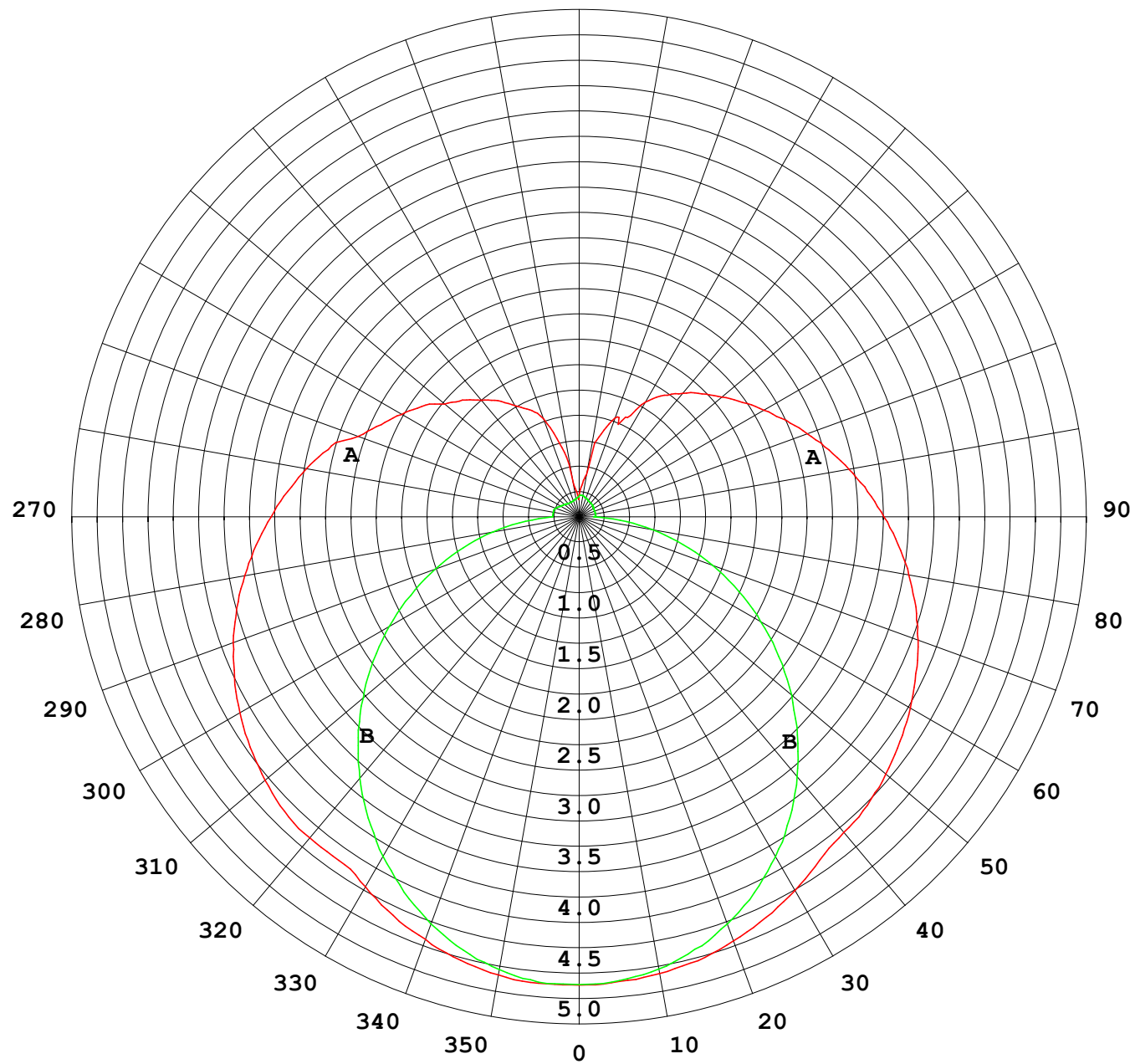
UNIT: cd

C (DEG) γ (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	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61			
5	4.61	4.60	4.61	4.59	4.60	4.58	4.61	4.60	4.60	4.61	4.59	4.61	4.59	4.61	4.62	4.60	4.61			
10	4.58	4.56	4.58	4.52	4.53	4.52	4.56	4.55	4.57	4.58	4.55	4.55	4.53	4.57	4.57	4.60				
15	4.52	4.50	4.49	4.43	4.42	4.41	4.48	4.49	4.53	4.52	4.47	4.46	4.41	4.47	4.49	4.54				
20	4.43	4.40	4.38	4.29	4.27	4.27	4.37	4.41	4.45	4.45	4.36	4.32	4.27	4.34	4.38	4.44				
25	4.33	4.28	4.23	4.11	4.08	4.09	4.22	4.30	4.36	4.34	4.23	4.15	4.09	4.17	4.24	4.33				
30	4.21	4.15	4.06	3.91	3.87	3.89	4.05	4.17	4.25	4.22	4.06	3.95	3.87	3.96	4.07	4.21				
35	4.13	4.00	3.88	3.68	3.63	3.67	3.86	4.03	4.13	4.08	3.88	3.73	3.62	3.74	3.89	4.05				
40	4.13	3.97	3.67	3.43	3.36	3.42	3.66	3.90	4.06	3.96	3.68	3.48	3.34	3.48	3.68	4.00				
45	4.11	3.92	3.48	3.16	3.08	3.15	3.44	3.84	4.02	3.90	3.47	3.20	3.04	3.21	3.47	3.96				
50	4.04	3.84	3.37	2.89	2.78	2.88	3.29	3.73	3.94	3.80	3.32	2.91	2.74	2.91	3.35	3.88				
55	3.96	3.73	3.22	2.60	2.48	2.59	3.12	3.61	3.86	3.70	3.16	2.61	2.40	2.62	3.21	3.78				
60	3.86	3.61	3.05	2.31	2.16	2.31	2.93	3.50	3.77	3.58	2.98	2.32	2.07	2.32	3.04	3.66				
65	3.75	3.49	2.88	2.08	1.83	2.06	2.75	3.37	3.66	3.45	2.80	2.08	1.73	2.08	2.86	3.53				
70	3.63	3.36	2.70	1.86	1.51	1.83	2.57	3.25	3.55	3.33	2.62	1.83	1.40	1.85	2.69	3.40				
75	3.49	3.22	2.53	1.62	1.18	1.59	2.41	3.12	3.44	3.19	2.46	1.60	1.06	1.61	2.51	3.26				
80	3.35	3.07	2.37	1.41	0.86	1.36	2.26	2.98	3.30	3.06	2.31	1.40	0.74	1.38	2.35	3.11				
85	3.19	2.92	2.23	1.23	0.53	1.19	2.11	2.84	3.16	2.91	2.16	1.22	0.41	1.21	2.21	2.96				
90	3.04	2.77	2.09	1.10	0.26	1.05	1.98	2.69	3.00	2.76	2.02	1.08	0.14	1.08	2.07	2.81				
95	2.88	2.63	1.98	1.02	0.26	0.97	1.86	2.55	2.85	2.62	1.90	1.00	0.16	1.00	1.95	2.66				
100	2.73	2.49	1.86	0.81	0.26	0.93	1.76	2.42	2.70	2.48	1.80	0.96	0.16	0.79	1.83	2.52				
105	2.56	2.32	1.62	0.74	0.26	0.92	1.67	2.27	2.55	2.34	1.70	0.94	0.16	0.57	1.60	2.36				
110	2.32	2.07	1.48	0.77	0.25	0.91	1.60	2.15	2.39	2.20	1.62	0.94	0.16	0.65	1.47	2.13				
115	2.15	1.91	1.38	0.78	0.23	0.91	1.54	2.02	2.25	2.07	1.55	0.94	0.16	0.74	1.16	1.93				
120	2.02	1.80	1.32	0.70	0.21	0.90	1.48	1.91	2.10	1.95	1.49	0.94	0.16	0.75	1.22	1.80				
125	1.90	1.69	1.24	0.66	0.20	0.86	1.42	1.80	1.96	1.84	1.42	0.91	0.17	0.74	1.15	1.42				
130	1.73	1.61	1.09	0.65	0.19	0.84	1.35	1.68	1.84	1.73	1.35	0.89	0.18	0.73	1.07	1.40				
135	1.63	1.51	1.00	0.60	0.18	0.83	1.29	1.58	1.71	1.62	1.29	0.88	0.18	0.69	0.99	1.39				
140	1.50	1.38	0.85	0.54	0.17	0.78	1.19	1.46	1.59	1.51	1.19	0.83	0.18	0.62	0.90	1.30				
145	1.40	1.09	0.77	0.48	0.17	0.73	1.11	1.34	1.46	1.39	1.10	0.78	0.18	0.54	0.83	1.16				
150	1.27	0.86	0.70	0.40	0.17	0.68	1.05	1.20	1.30	1.24	1.04	0.74	0.18	0.47	0.73	1.02				
155	1.17	0.75	0.59	0.38	0.17	0.58	0.94	1.10	1.08	1.13	0.94	0.64	0.19	0.42	0.62	0.85				
160	1.02	0.60	0.49	0.36	0.17	0.51	0.83	0.97	1.04	1.01	0.82	0.56	0.20	0.39	0.51	0.67				
165	0.75	0.43	0.46	0.33	0.18	0.42	0.72	0.82	0.85	0.85	0.72	0.47	0.21	0.36	0.45	0.50				
170	0.33	0.32	0.39	0.29	0.18	0.36	0.55	0.66	0.42	0.70	0.55	0.39	0.21	0.32	0.38	0.38				
175	0.23	0.26	0.31	0.25	0.19	0.28	0.40	0.44	0.31	0.47	0.38	0.32	0.21	0.28	0.30	0.29				
180	0.20	0.22	0.22	0.22	0.20	0.21	0.22	0.22	0.21	0.24	0.22	0.21	0.21	0.22	0.22	0.22				

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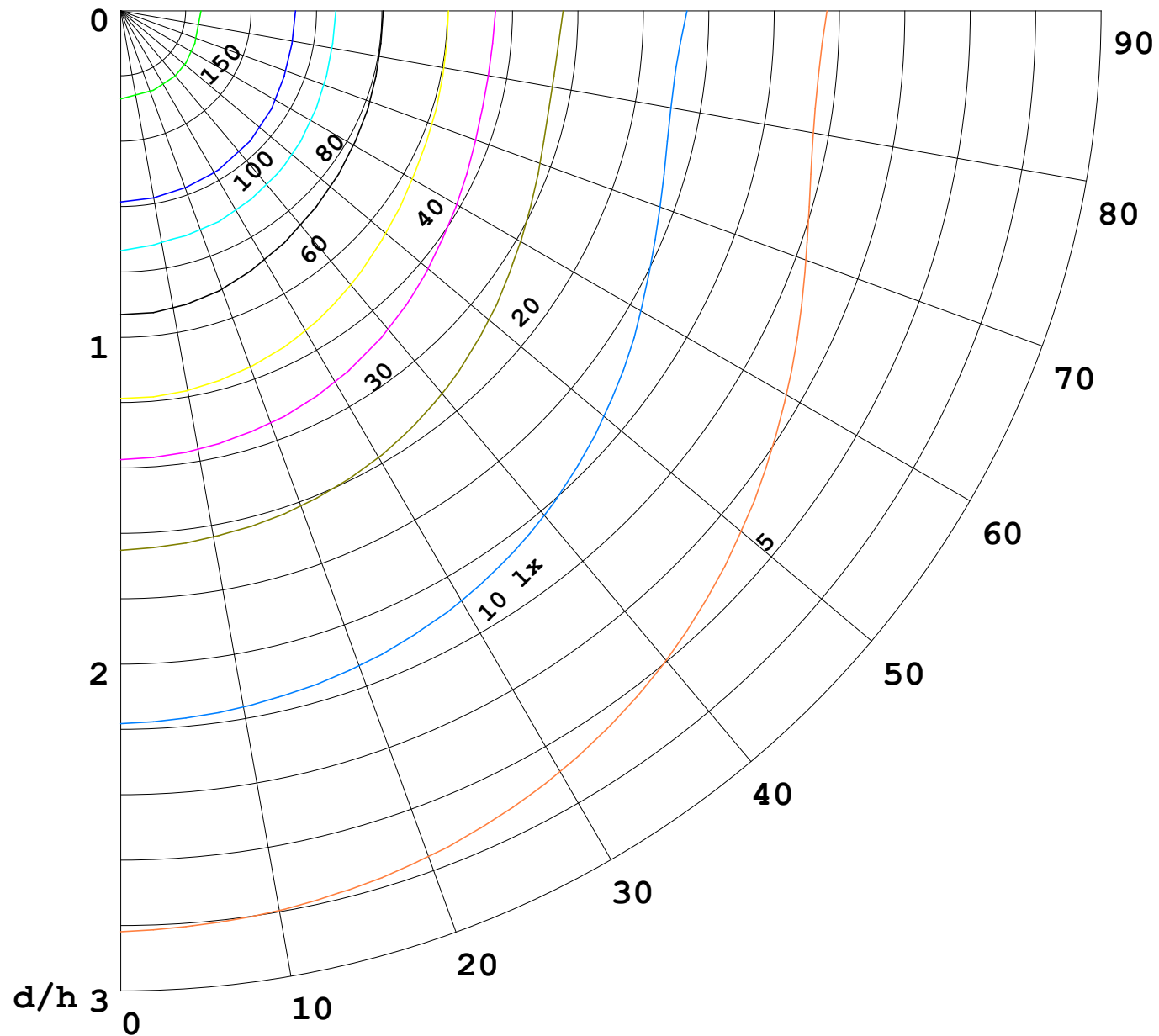
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: BLUE

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

