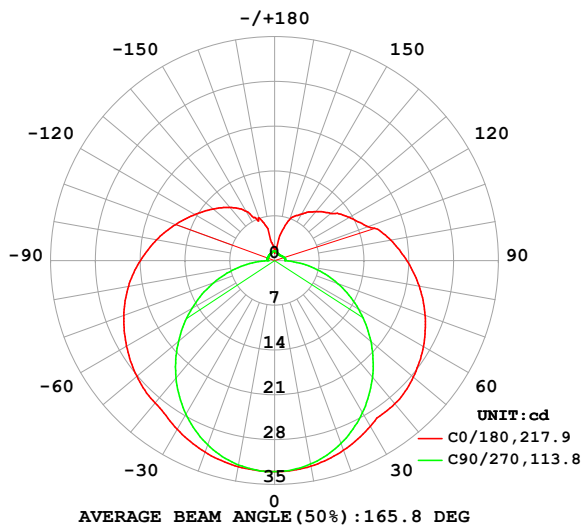


LUMINAIRE PHOTOMETRIC TEST REPORT

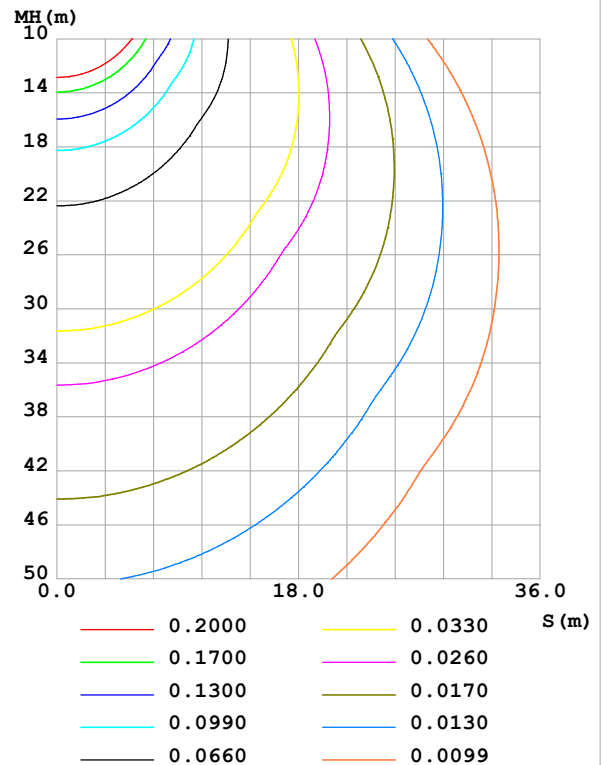
Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 35.02 lm/W			
MODEL		I _{max} (cd)	33.02	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	189.71	η UP,DN(C0-180)	14.2,35.6
NOMINAL FLUX(lm)	189.708	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	14.4,35.8
LAMPS INSIDE	1	η up (%)	28.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	71.4	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: WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	32.63	32.58	32.28	32.45	32.71	32.56	32.44	32.66	0- 10	3.128	3.128	1.65,1.65
20	31.55	31.14	30.40	31.04	31.86	31.28	30.63	31.32	10- 20	9.028	12.16	6.41,6.41
30	29.94	28.88	27.47	28.81	30.47	29.15	27.76	29.10	20- 30	13.91	26.06	13.7,13.7
40	29.24	26.02	23.82	25.98	29.06	26.38	24.00	26.27	30- 40	17.33	43.39	22.9,22.9
50	28.33	23.74	19.66	23.29	28.12	23.78	19.61	23.85	40- 50	19.41	62.80	33.1,33.1
60	26.86	21.35	15.17	20.74	26.73	21.32	14.92	21.52	50- 60	20.08	82.88	43.7,43.7
70	25.04	18.77	10.54	18.09	25.09	18.69	10.13	18.89	60- 70	19.41	102.3	53.9,53.9
80	22.96	16.36	5.861	15.74	23.18	16.35	5.354	16.44	70- 80	17.73	120.0	63.3,63.3
90	20.68	14.31	1.622	13.68	21.00	14.22	1.006	14.34	80- 90	15.40	135.4	71.4,71.4
100	18.46	12.64	1.641	12.11	18.76	12.57	1.205	12.61	90-100	13.28	148.7	78.4,78.4
110	15.55	9.951	1.537	10.91	16.52	11.24	1.251	10.19	100-110	11.18	159.9	84.3,84.3
120	13.52	8.876	1.352	10.02	14.43	10.28	1.219	8.279	110-120	9.229	169.1	89.1,89.1
130	11.50	7.223	1.234	9.172	12.59	9.371	1.231	7.077	120-130	7.436	176.6	93.1,93.1
140	10.00	5.488	1.147	8.041	10.86	8.238	1.271	6.402	130-140	5.683	182.2	96.1,96.1
150	8.390	4.586	1.190	7.027	8.916	7.165	1.306	5.126	140-150	3.891	186.1	98.1,98.1
160	6.794	3.272	1.265	5.550	7.123	5.641	1.413	3.574	150-160	2.299	188.4	99.3,99.3
170	2.204	2.643	1.392	3.757	2.936	3.864	1.497	2.729	160-170	1.054	189.5	99.9,99.9
180	1.441	1.533	1.514	1.581	1.470	1.553	1.525	1.561	170-180	0.2278	189.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 52.919 lm

%lum = 27.9%

%lamp = 27.9%

Conical surface Flux(130deg): 92.734 lm

%lum = 48.9%

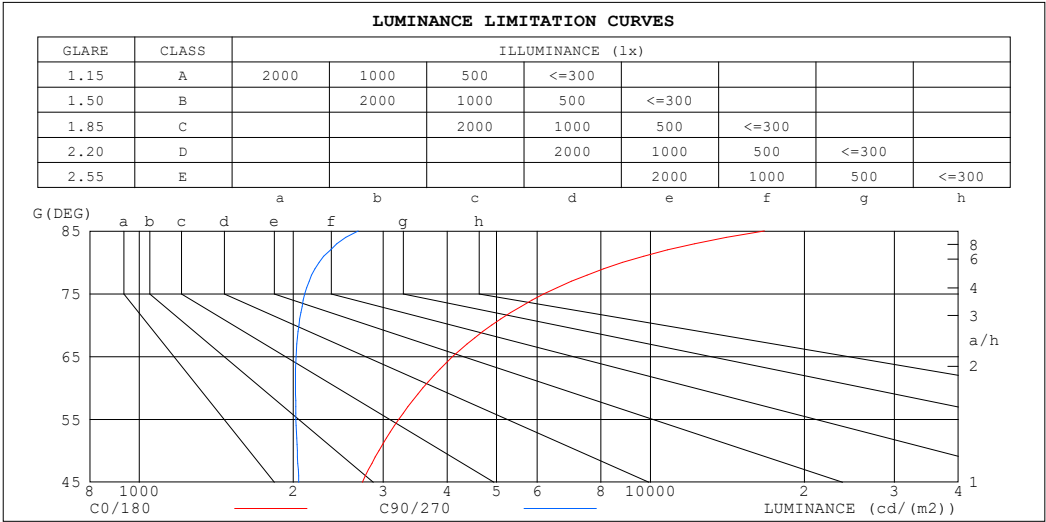
%lamp = 48.9%

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: WHITE

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 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	16710	2680
80	8825	2248
75	6199	2106
70	4888	2052
65	4102	2026
60	3586	2020
55	3217	2024
50	2942	2037
45	2729	2051

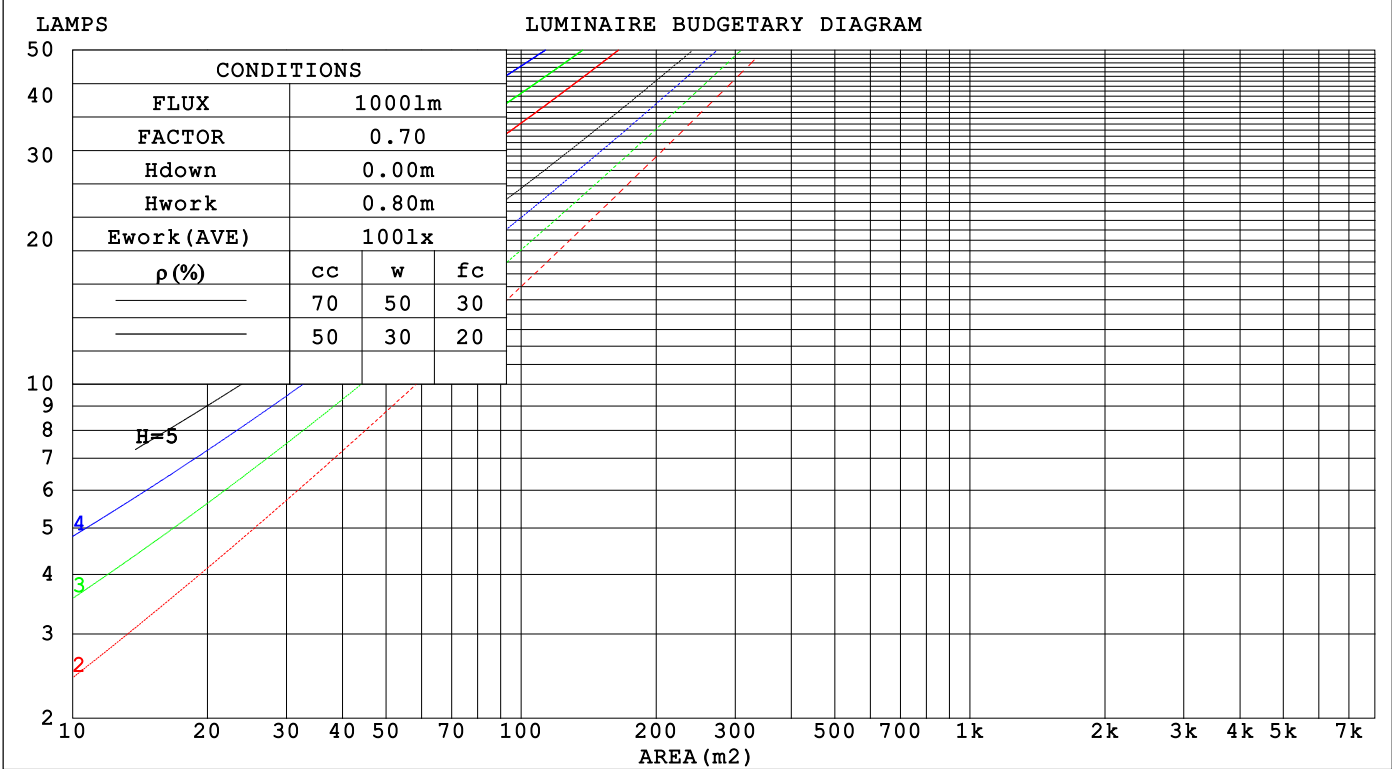
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

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: WHITE

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz																	
Lamp Flux:189.708x1 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	.88	.83	.78	.78	.74	.71	.69	.66	.63	.61	.59	.57	.52
2.0	.79	.71	.65	.75	.68	.62	.66	.61	.56	.59	.54	.50	.52	.48	.45	.41
3.0	.68	.59	.52	.65	.56	.50	.57	.51	.45	.51	.46	.41	.45	.40	.37	.33
4.0	.60	.51	.43	.57	.48	.41	.51	.43	.38	.45	.39	.34	.39	.35	.31	.28
5.0	.53	.44	.37	.50	.42	.35	.45	.38	.32	.40	.34	.29	.35	.30	.26	.23
6.0	.47	.38	.32	.45	.36	.30	.40	.33	.28	.36	.30	.25	.32	.27	.23	.20
7.0	.43	.34	.27	.41	.32	.26	.36	.29	.24	.33	.27	.22	.29	.24	.20	.18
8.0	.39	.30	.24	.37	.29	.23	.33	.26	.21	.30	.24	.20	.26	.22	.18	.16
9.0	.35	.27	.22	.34	.26	.21	.30	.24	.19	.27	.22	.18	.24	.20	.16	.14
10.0	.32	.25	.19	.31	.24	.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: WHITE

WEC AND CCEC

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 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	.214	.068	.346	.199	.063	.319	.184	.059	.293	.170	.055															
2.0	.335	.184	.056	.320	.177	.054	.293	.163	.051	.268	.151	.047	.245	.139	.044															
3.0	.296	.157	.047	.283	.151	.046	.258	.140	.042	.235	.129	.040	.214	.118	.037															
4.0	.265	.138	.041	.253	.133	.039	.231	.122	.037	.210	.113	.034	.190	.104	.032															
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	.029	.174	.090	.027	.157	.083	.025															
7.0	.203	.100	.028	.194	.096	.027	.176	.089	.026	.160	.082	.024	.145	.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	.064	.018															
10.0	.164	.078	.022	.156	.076	.021	.143	.070	.020	.130	.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	.408	.408	.408	.349	.349	.349	.238	.238	.238	.137	.137	.137	.044	.044	.044	
1.0	.406	.375	.348	.347	.322	.299	.237	.222	.207	.137	.128	.120	.044	.041	.039	
2.0	.399	.353	.314	.342	.304	.272	.234	.210	.189	.135	.122	.111	.043	.040	.036	
3.0	.392	.337	.293	.336	.291	.254	.231	.202	.178	.133	.118	.105	.043	.038	.034	
4.0	.384	.325	.279	.330	.281	.243	.227	.196	.171	.131	.115	.101	.042	.037	.033	
5.0	.377	.315	.270	.323	.273	.235	.223	.191	.166	.129	.112	.098	.042	.037	.032	
6.0	.369	.307	.263	.317	.266	.229	.219	.186	.162	.127	.110	.096	.041	.036	.032	
7.0	.362	.301	.258	.312	.261	.225	.215	.183	.159	.125	.108	.095	.040	.035	.031	
8.0	.356	.296	.254	.306	.256	.222	.212	.180	.157	.123	.106	.094	.040	.035	.031	
9.0	.350	.291	.251	.301	.253	.219	.209	.178	.156	.122	.105	.093	.039	.034	.031	
10.0	.344	.287	.249	.296	.249	.217	.206	.175	.154	.120	.104	.092	.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: WHITE

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 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	21.4	22.7	22.0	23.3	24.1	18.8	20.1	19.5	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	28.6	21.5	22.6	22.2	23.3	24.1
6H	27.8	28.9	28.5	29.6	30.4	22.3	23.3	23.0	24.0	24.9
8H	28.9	29.9	29.6	30.6	31.4	22.6	23.6	23.3	24.3	25.2
12H	30.0	31.0	30.8	31.7	32.6	22.9	23.8	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	26.8	27.7	22.1	23.1	22.9	23.8	24.7
4H	27.0	27.9	27.8	28.6	29.5	23.1	24.0	23.9	24.8	25.7
6H	29.1	29.9	29.8	30.6	31.6	24.1	24.9	24.9	25.6	26.6
8H	30.2	30.9	31.0	31.7	32.7	24.5	25.3	25.3	26.0	27.0
12H	31.5	32.2	32.3	33.0	34.0	24.9	25.6	25.7	26.4	27.4
8H 4H	27.4	28.1	28.1	28.9	29.8	24.4	25.1	25.2	25.9	26.9
6H	29.7	30.4	30.5	31.2	32.2	25.7	26.3	26.5	27.1	28.1
8H	31.1	31.7	31.9	32.5	33.5	26.3	26.9	27.1	27.7	28.7
12H	32.7	33.2	33.5	34.0	35.0	26.9	27.4	27.7	28.2	29.3
12H 4H	27.4	28.1	28.2	28.9	29.8	24.8	25.5	25.6	26.3	27.3
6H	29.9	30.4	30.7	31.2	32.3	26.3	26.9	27.2	27.7	28.7
8H	31.3	31.8	32.2	32.7	33.7	27.2	27.6	28.0	28.5	29.5
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, 189.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.8)
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: WHITE

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

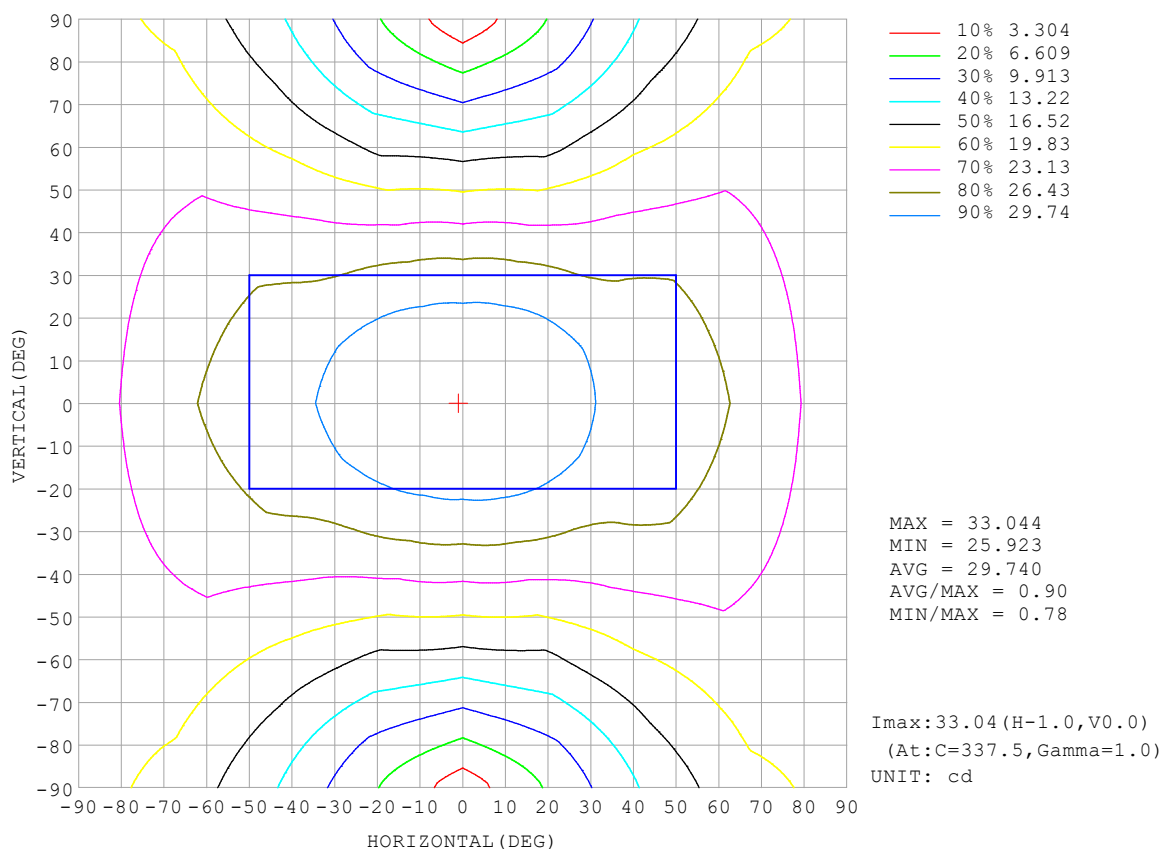
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	25	43	31	24	40	30	23	17
0.80	53	40	32	51	39	31	48	37	30	21
1.00	61	47	39	58	46	38	54	45	36	26
1.25	67	54	46	64	53	44	59	49	42	31
1.50	73	60	51	69	58	49	63	54	47	34
2.00	80	68	60	76	66	58	69	60	54	40
2.50	85	74	65	80	71	63	73	65	59	43
3.00	88	79	71	84	75	68	76	69	63	47
4.00	93	85	78	88	81	75	80	74	68	51
5.00	96	89	83	91	85	79	82	77	72	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: 2024-09-30

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: WHITE

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

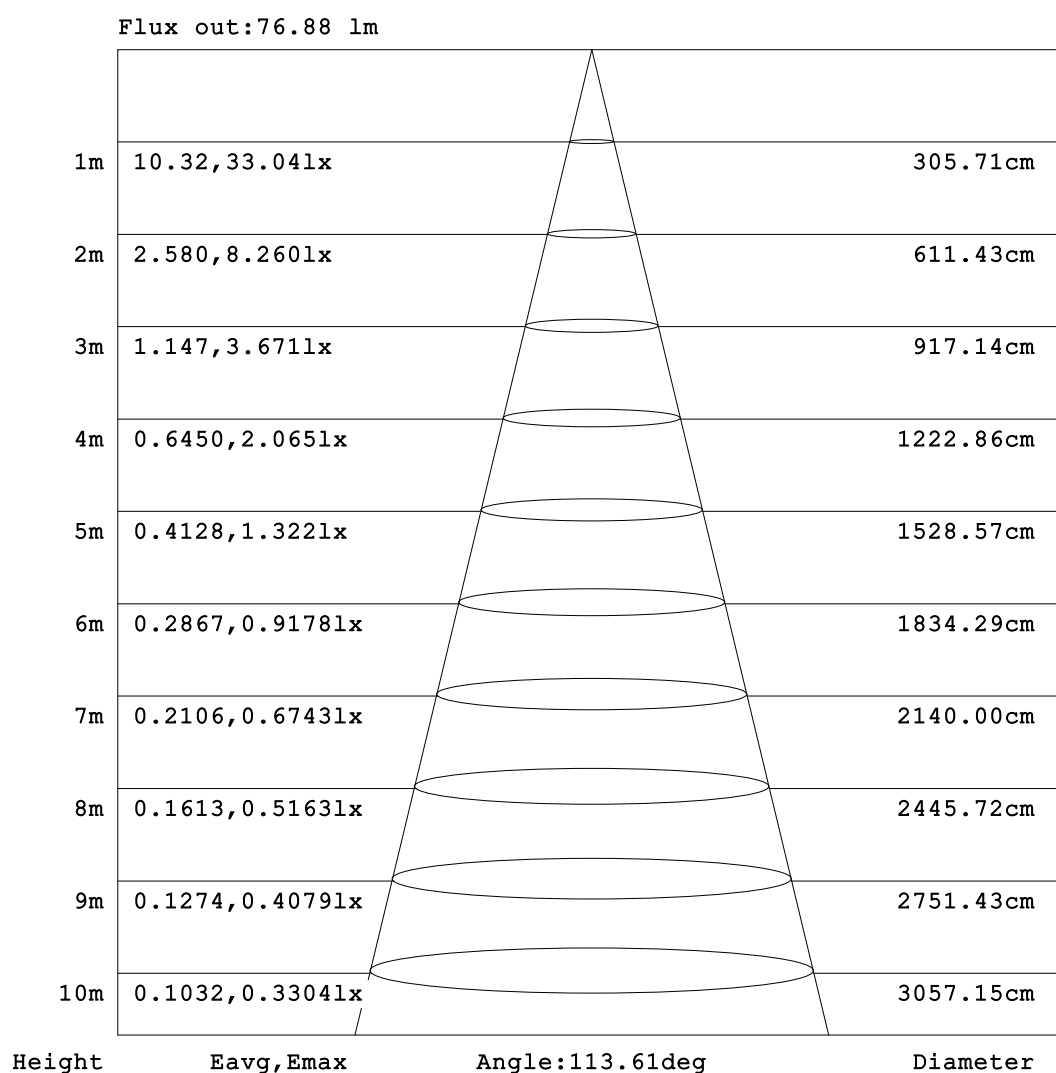


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-09-30

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: WHITE

AAI Figure

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



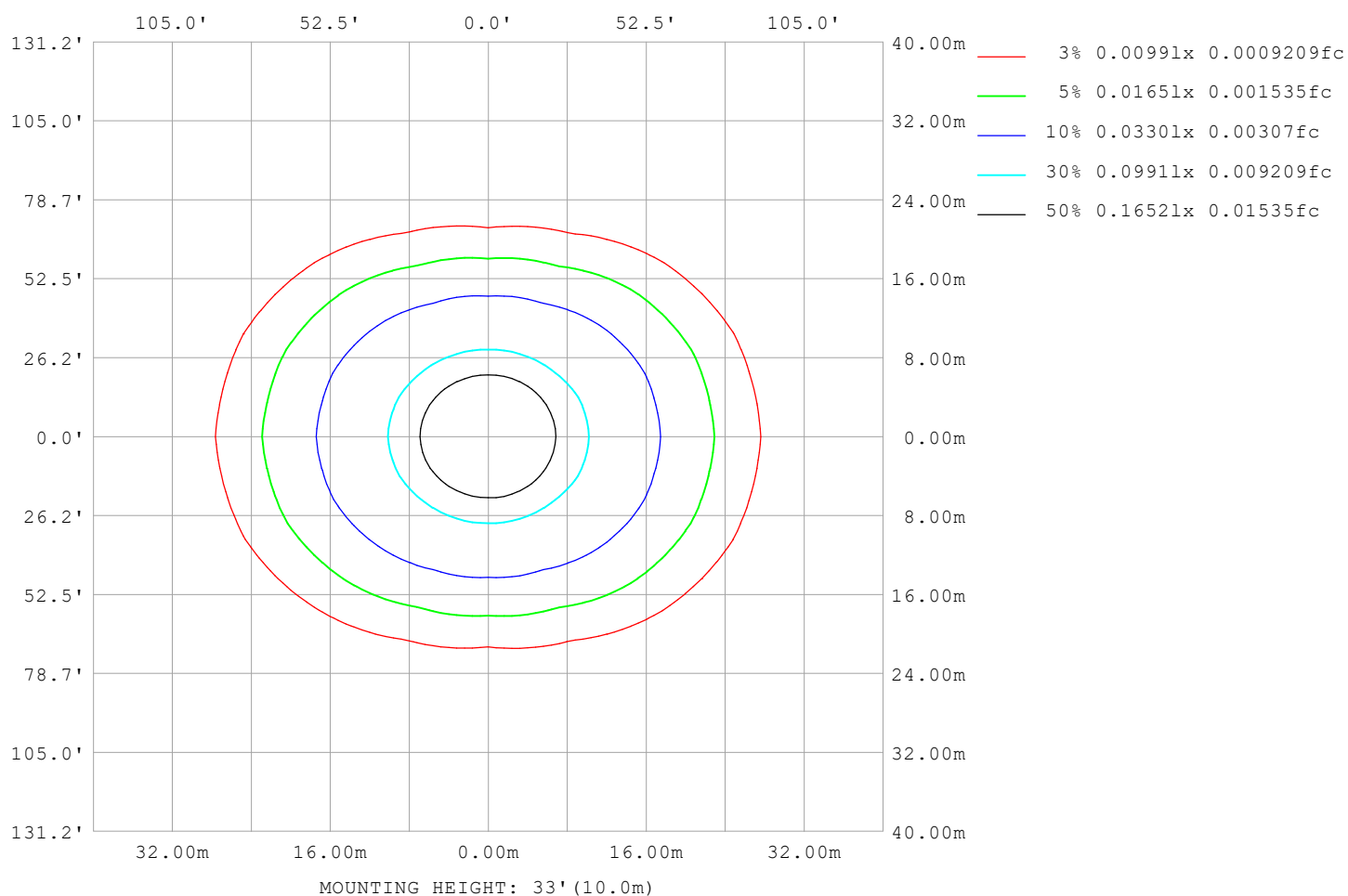
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: WHITE

ISOLUX DIAGRAM

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 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: WHITE

LED Avg.L Report

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 lm		
NAME: SF21-24V-5050-60-RGBW(2700)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

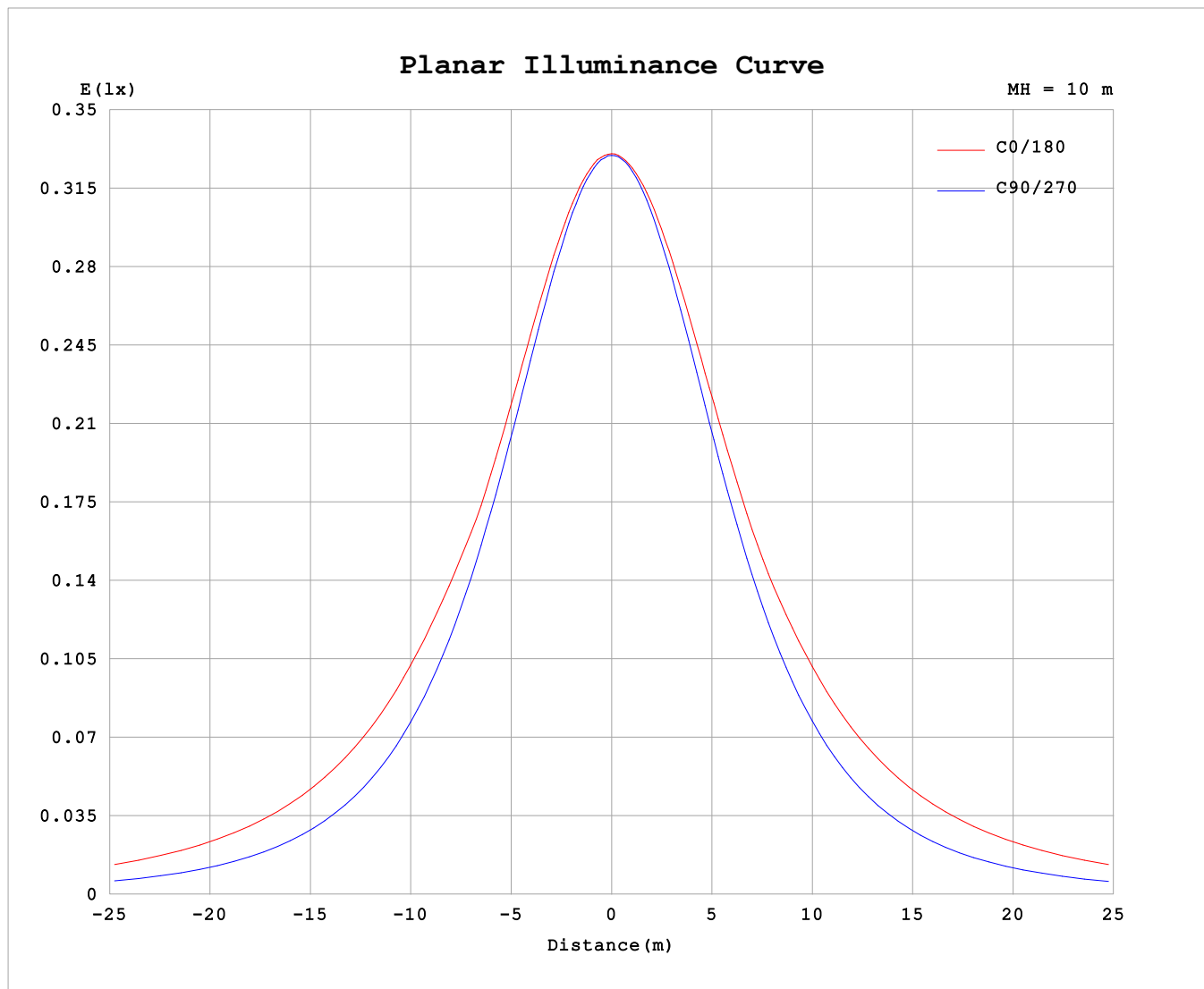
AvgL	cd/m2
L_0~180 (65) av	4094
L_0~180 (75) av	6210
L_0~180 (85) av	16804
L_90~270 (65) av	2002
L_90~270 (75) av	2048
L_90~270 (85) av	2495
L_45 (65) av	3141
L_45 (75) av	4476
L_45 (85) av	11577

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: WHITE

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: WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2257A P:5.417W PF:1.000 Freq:0Hz Lamp Flux:189.708x1 lm																	
NAME: SF21-24V-5050-60-RGBW(2700)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

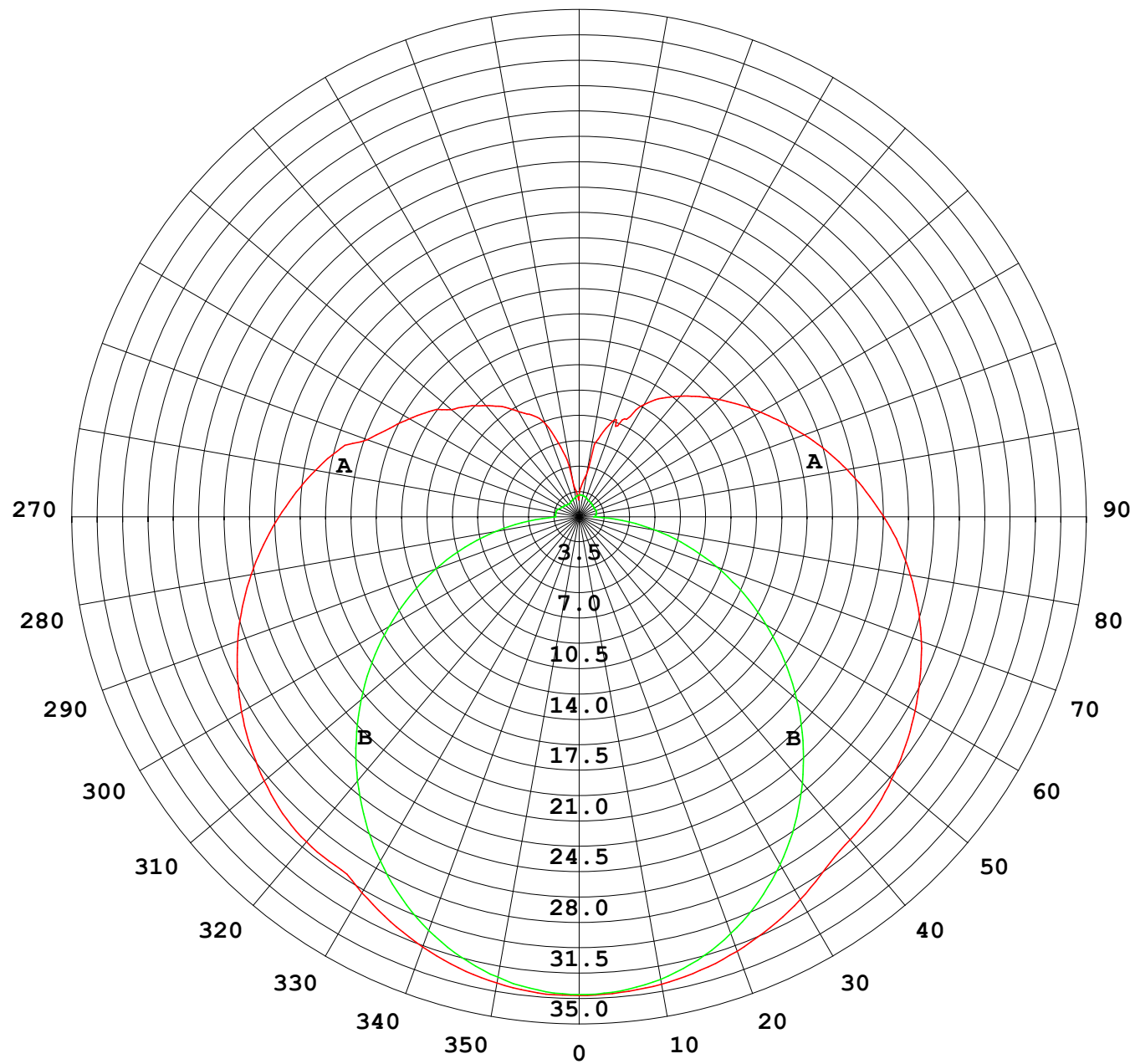
UNIT: cd

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	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
5	32.9	32.9	32.9	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	
10	32.6	32.6	32.6	32.4	32.3	32.3	32.4	32.6	32.7	32.7	32.6	32.5	32.4	32.5	32.7	32.7	
15	32.2	32.2	32.0	31.7	31.5	31.6	31.9	32.2	32.3	32.3	32.0	31.8	31.7	31.8	32.1	32.3	
20	31.5	31.5	31.1	30.7	30.4	30.6	31.0	31.6	31.9	31.7	31.3	30.8	30.6	30.9	31.3	31.6	
25	30.8	30.6	30.1	29.5	29.0	29.3	30.0	30.8	31.2	30.9	30.3	29.6	29.3	29.7	30.3	30.8	
30	29.9	29.7	28.9	28.0	27.5	27.9	28.8	29.9	30.5	30.1	29.1	28.2	27.8	28.2	29.1	29.9	
35	29.3	28.6	27.5	26.3	25.7	26.2	27.5	28.9	29.6	29.1	27.8	26.5	26.0	26.6	27.7	28.8	
40	29.2	28.2	26.0	24.5	23.8	24.4	26.0	27.9	29.1	28.2	26.4	24.7	24.0	24.7	26.3	28.3	
45	28.9	27.8	24.6	22.6	21.8	22.5	24.4	27.4	28.7	27.7	24.9	22.8	21.9	22.8	24.7	27.9	
50	28.3	27.1	23.7	20.6	19.7	20.5	23.3	26.6	28.1	27.0	23.8	20.7	19.6	20.7	23.8	27.3	
55	27.6	26.3	22.6	18.5	17.4	18.5	22.1	25.8	27.5	26.1	22.6	18.6	17.3	18.6	22.8	26.4	
60	26.9	25.4	21.4	16.5	15.2	16.4	20.7	24.8	26.7	25.2	21.3	16.5	14.9	16.4	21.5	25.6	
65	26.0	24.4	20.1	14.8	12.9	14.7	19.4	23.9	25.9	24.3	20.0	14.8	12.5	14.7	20.2	24.6	
70	25.0	23.4	18.8	13.1	10.5	13.0	18.1	23.0	25.1	23.4	18.7	13.0	10.1	13.0	18.9	23.6	
75	24.0	22.3	17.5	11.4	8.18	11.2	16.9	22.0	24.2	22.4	17.5	11.3	7.72	11.3	17.6	22.5	
80	23.0	21.3	16.4	9.87	5.86	9.65	15.7	21.0	23.2	21.3	16.4	9.83	5.35	9.68	16.4	21.4	
85	21.8	20.2	15.3	8.58	3.51	8.35	14.7	19.9	22.1	20.3	15.2	8.55	3.02	8.38	15.3	20.3	
90	20.7	19.1	14.3	7.62	1.62	7.33	13.7	18.8	21.0	19.2	14.2	7.58	1.01	7.43	14.3	19.2	
95	19.6	18.0	13.5	7.03	1.64	6.74	12.9	17.8	19.9	18.1	13.3	6.97	1.17	6.83	13.5	18.2	
100	18.5	17.0	12.6	5.55	1.64	6.41	12.1	16.8	18.8	17.1	12.6	6.65	1.20	5.38	12.6	17.2	
105	17.3	15.8	10.9	4.95	1.63	6.29	11.5	15.8	17.6	16.0	11.9	6.53	1.24	3.86	11.0	16.0	
110	15.5	14.0	9.95	5.14	1.54	6.27	10.9	14.8	16.5	15.0	11.2	6.53	1.25	4.54	10.2	14.4	
115	14.4	13.0	9.30	5.34	1.43	6.26	10.4	13.9	15.4	14.1	10.7	6.53	1.22	4.84	7.48	13.0	
120	13.5	12.2	8.88	4.72	1.35	6.17	10.0	13.1	14.4	13.3	10.3	6.50	1.22	5.37	8.28	12.1	
125	12.7	11.4	8.27	4.41	1.30	5.91	9.61	12.3	13.5	12.4	9.83	6.22	1.22	5.26	7.84	9.73	
130	11.5	10.9	7.22	4.47	1.23	5.80	9.17	11.6	12.6	11.7	9.37	6.06	1.23	4.96	7.08	9.10	
135	10.8	10.2	6.66	4.18	1.18	5.74	8.72	10.8	11.7	10.9	8.89	5.98	1.26	4.61	7.07	8.94	
140	10.0	9.35	5.49	3.72	1.15	5.35	8.04	10.0	10.9	10.2	8.24	5.65	1.27	4.16	6.40	9.03	
145	9.28	7.33	5.06	3.25	1.14	5.01	7.48	9.22	9.99	9.35	7.62	5.24	1.29	3.68	5.72	7.89	
150	8.39	5.83	4.59	2.83	1.19	4.71	7.03	8.27	8.92	8.35	7.17	5.01	1.31	3.19	5.13	6.78	
155	7.74	4.99	3.84	2.68	1.23	4.06	6.31	7.57	7.45	7.64	6.49	4.36	1.35	2.85	4.36	5.70	
160	6.79	4.07	3.27	2.55	1.27	3.56	5.55	6.70	7.12	6.79	5.64	3.79	1.41	2.68	3.57	4.54	
165	4.99	2.95	3.06	2.38	1.32	3.03	4.83	5.64	5.84	5.69	4.98	3.20	1.46	2.48	3.19	3.41	
170	2.20	2.28	2.64	2.13	1.39	2.56	3.76	4.61	2.94	4.70	3.86	2.68	1.50	2.22	2.73	2.61	
175	1.54	1.93	2.10	1.86	1.46	2.11	2.73	3.17	2.23	3.23	2.79	2.20	1.53	1.93	2.16	2.03	
180	1.44	1.61	1.53	1.53	1.51	1.55	1.58	1.60	1.47	1.63	1.55	1.54	1.53	1.55	1.56	1.59	

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

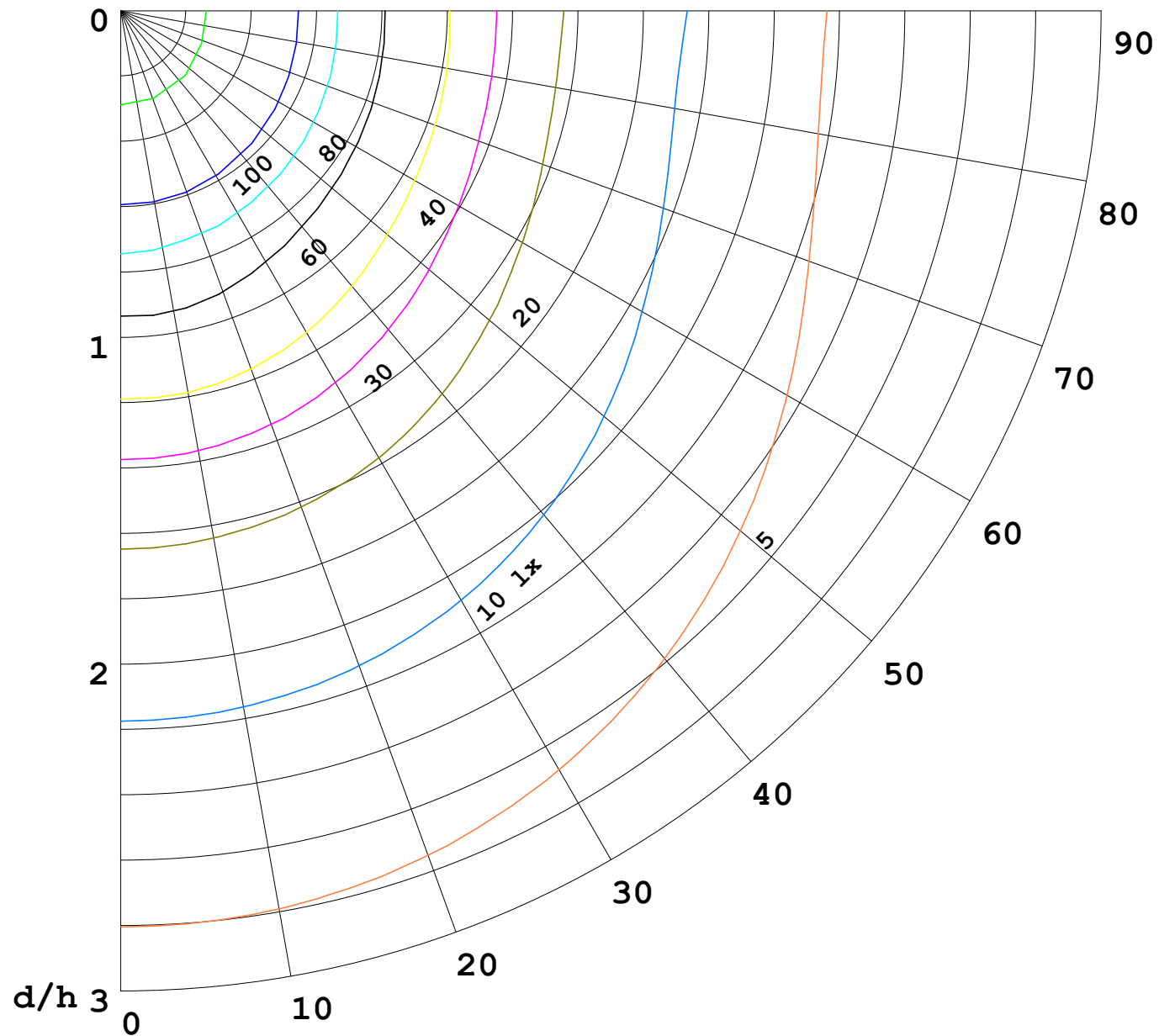
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

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

