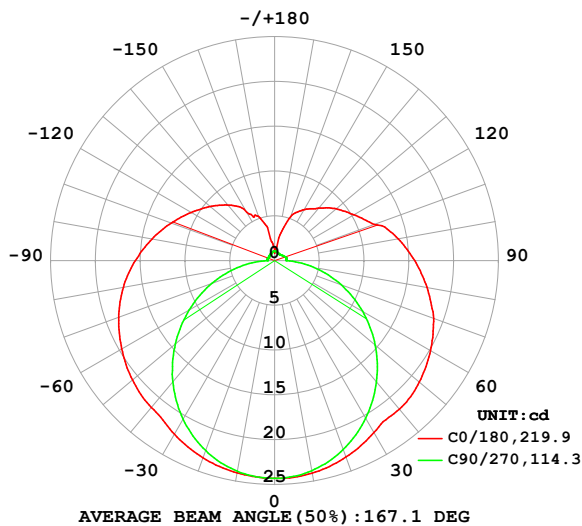


LUMINAIRE PHOTOMETRIC TEST REPORT

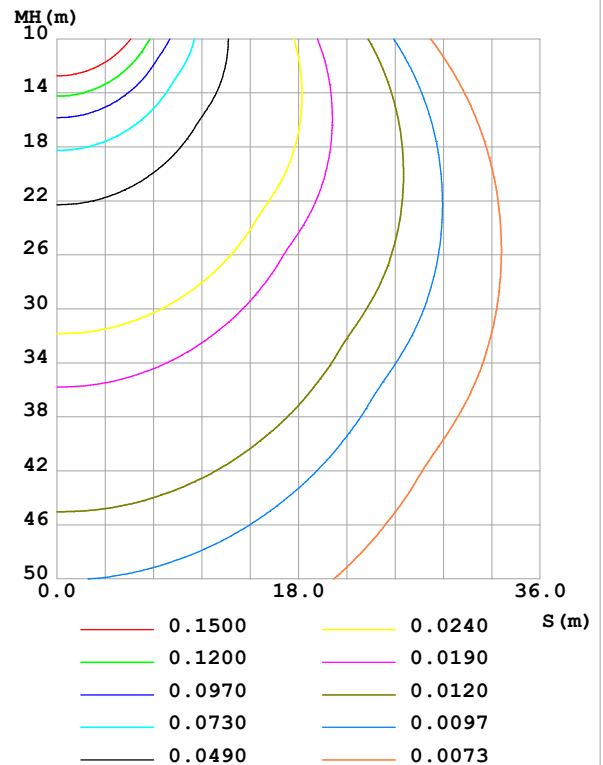
Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.68 lm/W			
MODEL		I _{max} (cd)	24.33	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	141.20	η UP,DN(C0-180)	14.4,35.5
NOMINAL FLUX(lm)	141.199	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:2024-10-08

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: GREEN

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	24.09	24.05	23.83	23.92	24.07	23.97	23.88	24.09	0- 10	2.305	2.305	1.63,1.63
20	23.33	23.05	22.45	22.88	23.43	23.00	22.55	23.12	10- 20	6.656	8.961	6.35,6.35
30	22.18	21.40	20.35	21.20	22.38	21.42	20.45	21.51	20- 30	10.26	19.22	13.6,13.6
40	21.67	19.31	17.70	19.12	21.40	19.37	17.69	19.44	30- 40	12.79	32.01	22.7,22.7
50	21.11	17.60	14.67	17.21	20.72	17.52	14.47	17.64	40- 50	14.35	46.36	32.8,32.8
60	20.10	15.90	11.35	15.34	19.71	15.68	11.01	16.01	50- 60	14.88	61.24	43.4,43.4
70	18.91	14.07	7.910	13.39	18.54	13.79	7.451	14.10	60- 70	14.43	75.67	53.6,53.6
80	17.28	12.34	4.442	11.69	17.15	12.07	3.938	12.30	70- 80	13.21	88.88	62.9,62.9
90	15.65	10.82	1.301	10.18	15.55	10.53	0.7429	10.78	80- 90	11.51	100.4	71.1,71.1
100	14.02	9.591	1.323	9.024	13.92	9.325	0.8409	9.591	90-100	9.963	110.4	78.2,78.2
110	11.85	7.595	1.272	8.146	12.29	8.369	0.8437	7.678	100-110	8.416	118.8	84.1,84.1
120	10.26	6.817	1.095	7.496	10.77	7.662	0.8033	6.591	110-120	6.944	125.7	89,89
130	9.002	5.566	0.9769	6.855	9.414	6.974	0.8178	5.524	120-130	5.608	131.3	93,93
140	7.647	4.435	0.9016	5.996	8.105	6.116	0.8612	4.799	130-140	4.292	135.6	96,96
150	6.573	3.655	0.8986	5.230	6.240	5.314	0.8872	3.812	140-150	2.926	138.5	98.1,98.1
160	5.228	2.536	0.9478	4.105	5.264	4.155	0.9653	2.628	150-160	1.719	140.3	99.3,99.3
170	1.614	2.034	1.032	2.643	2.194	2.722	1.052	2.031	160-170	0.7748	141.0	99.9,99.9
180	1.102	1.066	1.089	1.079	1.128	1.057	1.089	1.091	170-180	0.1643	141.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 39.05 lm

%lum = 27.7%

%lamp = 27.7%

Conical surface Flux(130deg): 68.559 lm

%lum = 48.6%

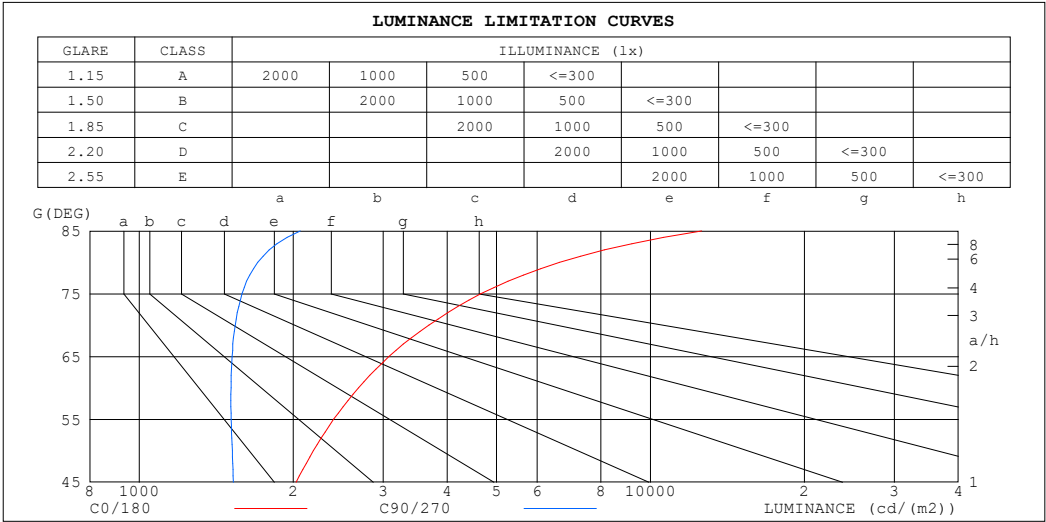
%lamp = 48.6%

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

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: GREEN

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



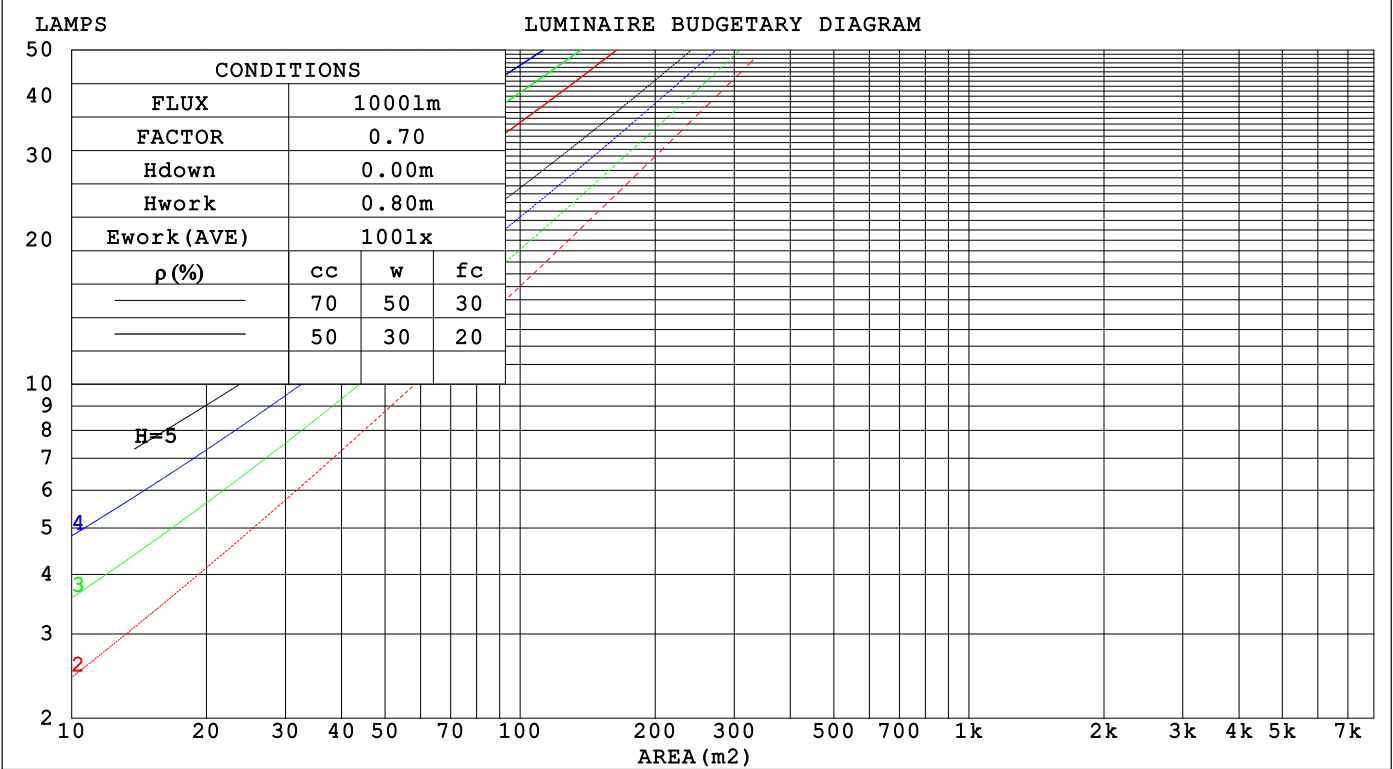
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12594	2065
80	6638	1703
75	4659	1589
70	3688	1540
65	3080	1519
60	2683	1511
55	2400	1512
50	2191	1520
45	2026	1528

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: GREEN

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz		
Lamp Flux:141.199x1 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			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	.83	.78	.78	.74	.70	.69	.66	.63	.61	.58	.56	.52
2.0	.79	.71	.64	.75	.67	.61	.66	.60	.56	.59	.54	.50	.51	.48	.45	.41
3.0	.68	.59	.52	.64	.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	.24	.19	.31	.23	.19	.28	.22	.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:2024-10-08

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: GREEN

WEC AND CCEC

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 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	.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	.241	.123	.036	.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	.164	.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	.402	.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	.387	.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	.372	.310	.265	.319	.268	.231	.220	.188	.164	.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:2024-10-08

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: GREEN

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 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	18.8	20.1	19.5	20.7	21.5
	3H	24.4	25.6	25.1	26.2	27.1	20.6	21.8	21.3	22.5	23.3
	4H	26.1	27.2	26.8	27.9	28.7	21.5	22.6	22.2	23.3	24.1
	6H	27.9	28.9	28.6	29.7	30.5	22.3	23.3	23.0	24.0	24.9
	8H	28.9	29.9	29.6	30.7	31.5	22.6	23.6	23.4	24.4	25.2
	12H	30.1	31.1	30.8	31.8	32.7	22.9	23.9	23.7	24.6	25.5
4H	2H	22.0	23.1	22.6	23.7	24.6	20.1	21.2	20.8	21.9	22.8
	3H	25.2	26.2	25.9	26.9	27.8	22.2	23.1	22.9	23.9	24.7
	4H	27.1	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	30.3	31.0	31.1	31.8	32.8	24.6	25.3	25.3	26.1	27.0
	12H	31.6	32.3	32.4	33.1	34.0	25.0	25.6	25.8	26.5	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	27.2	28.2
	8H	31.2	31.7	32.0	32.6	33.6	26.4	26.9	27.2	27.7	28.8
	12H	32.8	33.2	33.6	34.1	35.1	27.0	27.5	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	30.8	31.3	32.3	26.4	27.0	27.2	27.8	28.8
	8H	31.4	31.9	32.3	32.8	33.8	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, 141.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.8)
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: GREEN

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

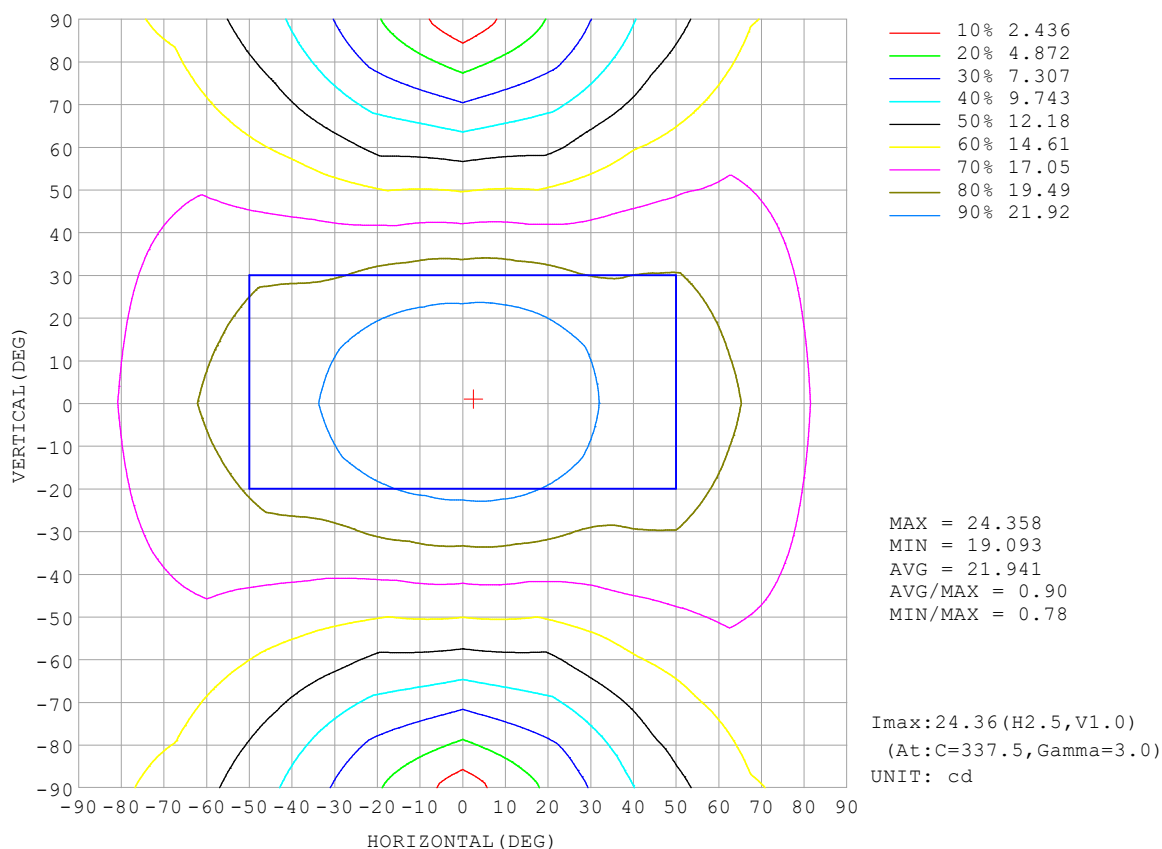
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	24	43	31	24	40	30	23	16
0.80	53	40	32	51	39	31	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: 2024-10-08

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: GREEN

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

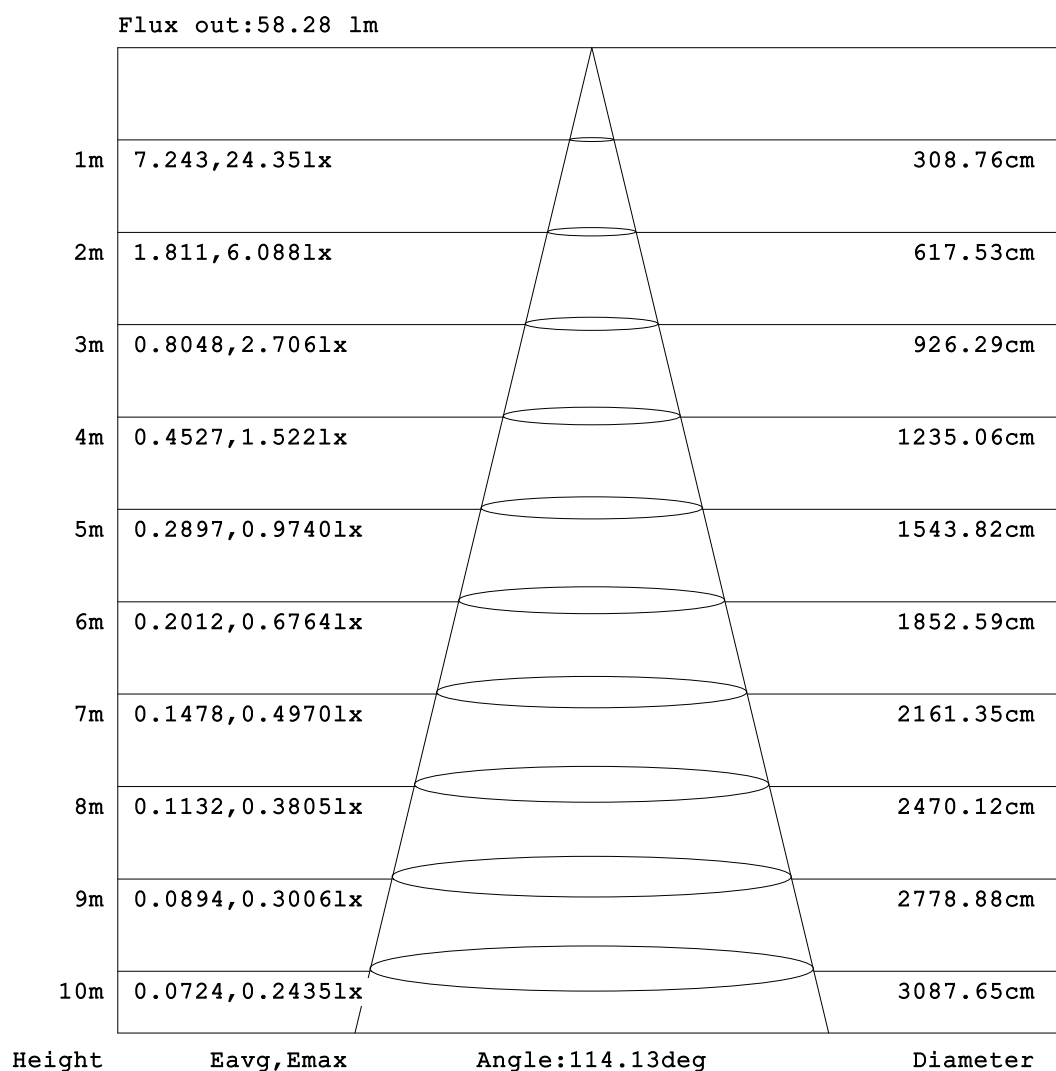


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-08

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: GREEN

AAI Figure

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199lx 1m		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



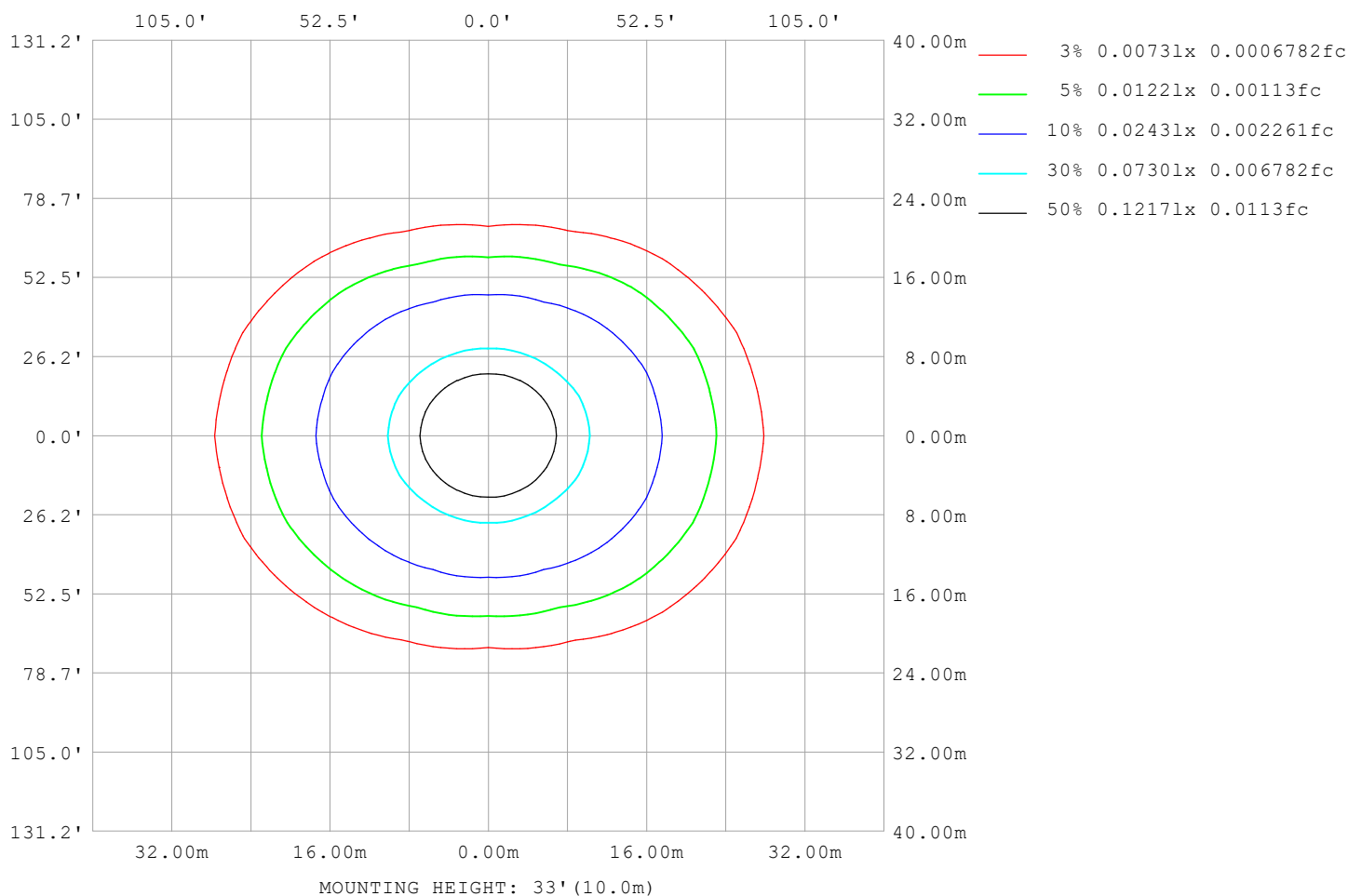
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: GREEN

ISOLUX DIAGRAM

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 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: GREEN

LED Avg.L Report

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

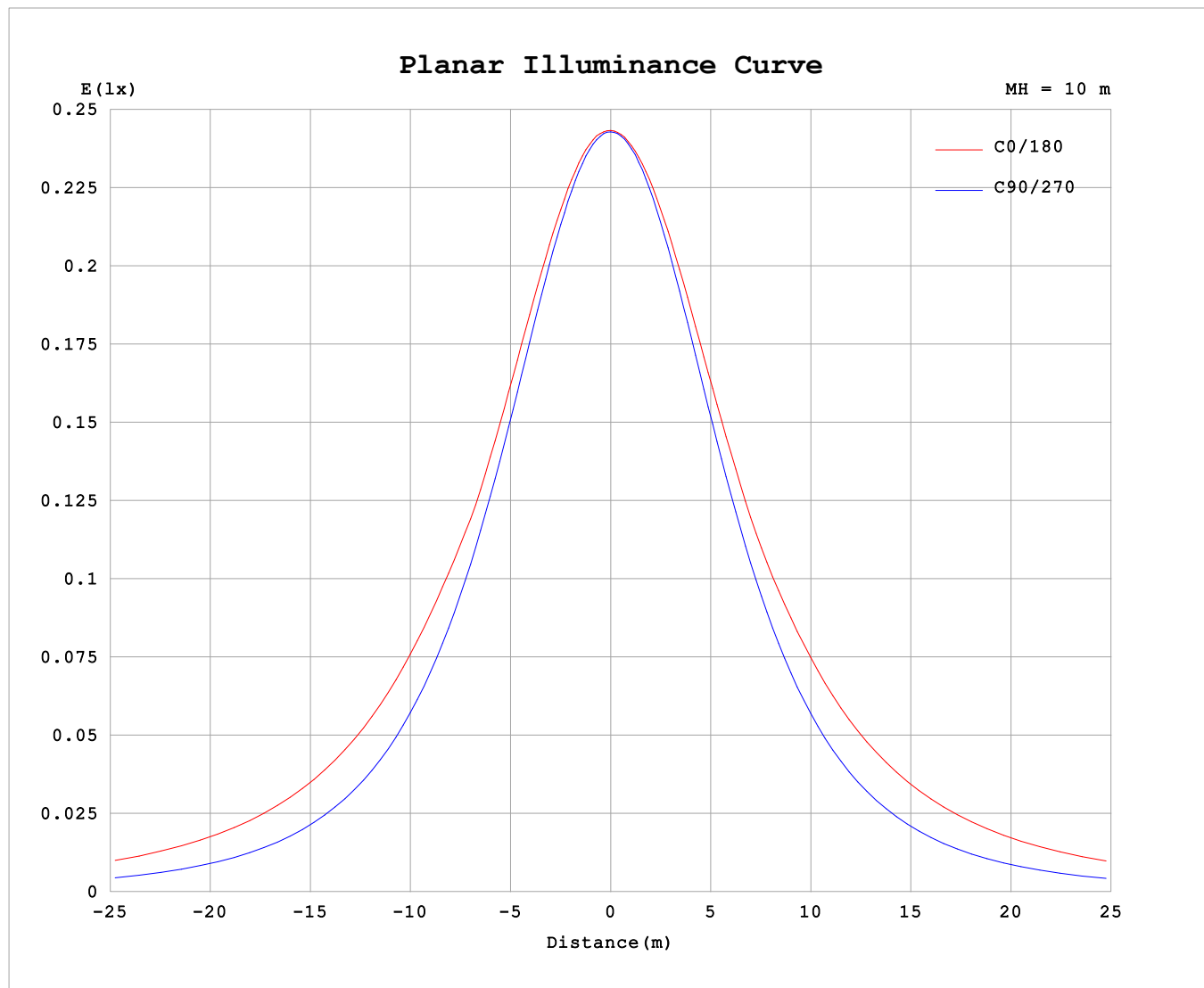
AvgL	cd/m2
L_0~180 (65) av	3048
L_0~180 (75) av	4630
L_0~180 (85) av	12553
L_90~270 (65) av	1489
L_90~270 (75) av	1529
L_90~270 (85) av	1880
L_45 (65) av	2334
L_45 (75) av	3332
L_45 (85) av	8646

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: GREEN

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: GREEN

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1747A P:4.193W PF:1.000 Freq:0Hz Lamp Flux:141.199x1 lm																	
NAME: SF21-24V-5050-60-RGBW(4000)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

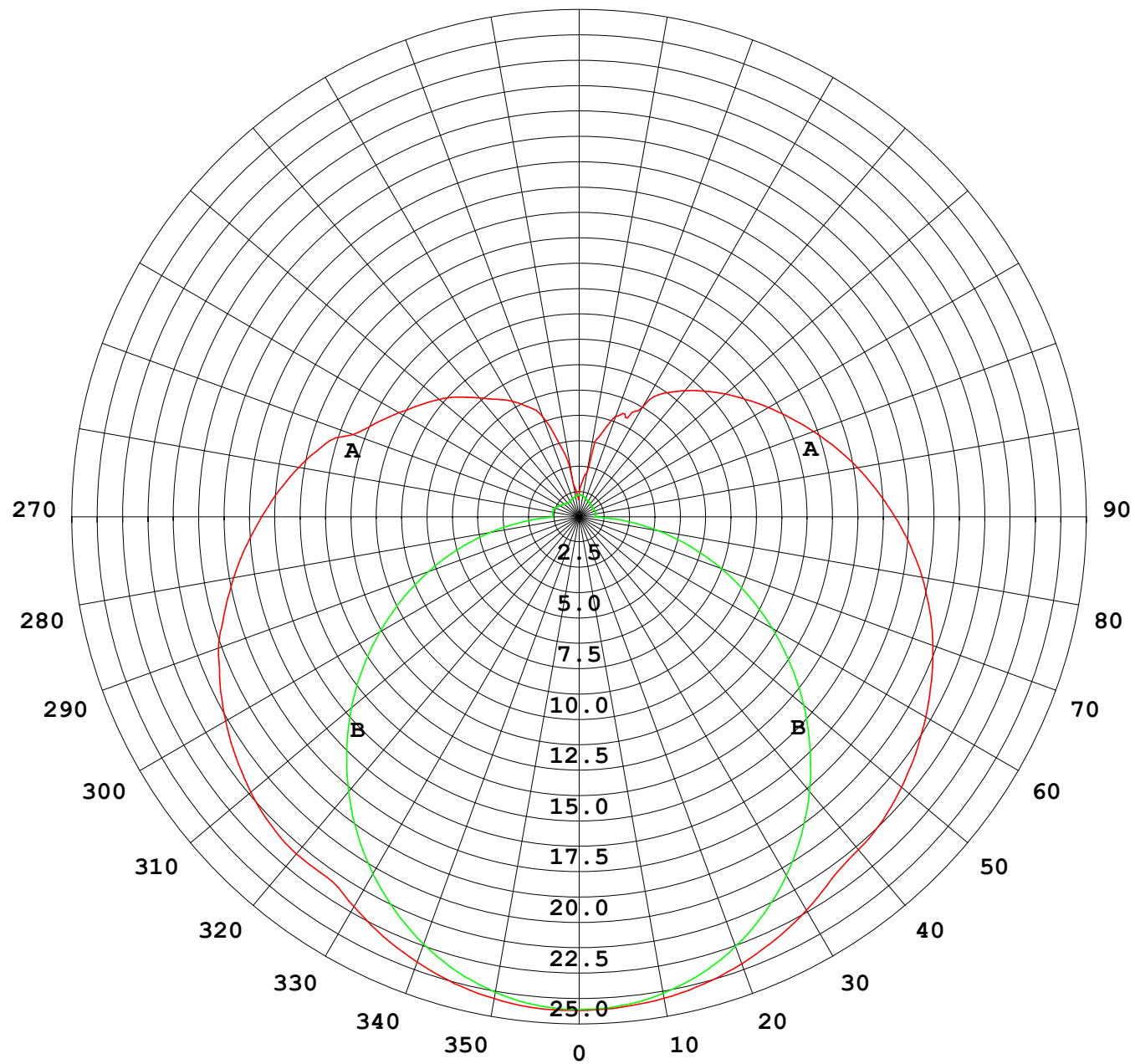
UNIT: cd

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	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3			
5	24.3	24.3	24.3	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.3	24.3			
10	24.1	24.1	24.1	23.9	23.8	23.8	23.9	24.0	24.1	24.0	24.0	23.9	23.9	24.0	24.1	24.2			
15	23.8	23.8	23.6	23.4	23.2	23.3	23.5	23.7	23.8	23.7	23.6	23.4	23.3	23.5	23.7	23.8			
20	23.3	23.3	23.0	22.7	22.4	22.5	22.9	23.2	23.4	23.3	23.0	22.7	22.5	22.8	23.1	23.4			
25	22.8	22.7	22.3	21.8	21.5	21.6	22.1	22.6	22.9	22.7	22.3	21.8	21.6	21.9	22.4	22.8			
30	22.2	22.0	21.4	20.7	20.4	20.6	21.2	22.0	22.4	22.1	21.4	20.7	20.5	20.8	21.5	22.1			
35	21.7	21.2	20.4	19.5	19.1	19.4	20.2	21.2	21.7	21.3	20.4	19.5	19.1	19.6	20.5	21.3			
40	21.7	20.8	19.3	18.2	17.7	18.1	19.1	20.6	21.4	20.8	19.4	18.2	17.7	18.3	19.4	20.9			
45	21.5	20.6	18.2	16.8	16.2	16.7	18.0	20.2	21.1	20.4	18.3	16.7	16.1	16.8	18.3	20.7			
50	21.1	20.1	17.6	15.3	14.7	15.3	17.2	19.6	20.7	19.8	17.5	15.2	14.5	15.3	17.6	20.3			
55	20.6	19.6	16.8	13.8	13.0	13.8	16.3	19.0	20.2	19.2	16.6	13.7	12.7	13.8	16.9	19.7			
60	20.1	18.9	15.9	12.3	11.3	12.3	15.3	18.3	19.7	18.6	15.7	12.1	11.0	12.2	16.0	19.1			
65	19.5	18.3	15.0	11.0	9.64	11.0	14.4	17.6	19.1	17.9	14.7	10.9	9.24	10.9	15.1	18.4			
70	18.9	17.6	14.1	9.80	7.91	9.73	13.4	17.0	18.5	17.2	13.8	9.61	7.45	9.68	14.1	17.7			
75	18.1	16.8	13.2	8.56	6.18	8.44	12.5	16.3	17.9	16.5	12.9	8.36	5.69	8.35	13.1	16.9			
80	17.3	16.0	12.3	7.42	4.44	7.27	11.7	15.5	17.2	15.8	12.1	7.25	3.94	7.20	12.3	16.1			
85	16.5	15.2	11.6	6.50	2.70	6.30	10.9	14.7	16.4	15.0	11.3	6.30	2.21	6.22	11.5	15.3			
90	15.6	14.4	10.8	5.78	1.30	5.56	10.2	13.9	15.6	14.2	10.5	5.59	0.74	5.52	10.8	14.5			
95	14.8	13.7	10.2	5.34	1.32	5.13	9.57	13.2	14.7	13.4	9.89	5.15	0.82	5.08	10.2	13.7			
100	14.0	12.9	9.59	4.29	1.32	4.88	9.02	12.4	13.9	12.7	9.33	4.91	0.84	4.05	9.59	13.0			
105	13.2	12.0	8.30	3.82	1.33	4.78	8.55	11.7	13.1	11.9	8.80	4.83	0.85	3.17	8.50	12.1			
110	11.8	10.7	7.59	3.94	1.27	4.73	8.15	11.0	12.3	11.2	8.37	4.83	0.84	3.58	7.68	10.9			
115	11.0	9.95	7.10	4.01	1.18	4.69	7.80	10.4	11.5	10.5	7.99	4.81	0.81	3.90	6.11	9.81			
120	10.3	9.31	6.82	3.73	1.10	4.60	7.50	9.76	10.8	9.87	7.66	4.79	0.80	4.05	6.59	9.06			
125	9.60	8.77	6.33	3.65	1.03	4.41	7.18	9.19	10.1	9.29	7.33	4.58	0.80	3.95	6.02	7.60			
130	9.00	8.29	5.57	3.48	0.98	4.31	6.86	8.63	9.41	8.72	6.97	4.46	0.82	3.70	5.52	7.64			
135	8.34	7.83	4.99	3.30	0.93	4.24	6.51	8.08	8.76	8.15	6.62	4.40	0.84	3.47	5.25	7.08			
140	7.65	7.15	4.44	2.88	0.90	3.94	6.00	7.49	8.11	7.55	6.12	4.13	0.86	3.12	4.80	6.66			
145	7.07	5.77	4.02	2.55	0.89	3.69	5.57	6.86	7.45	6.95	5.65	3.83	0.88	2.75	4.29	5.91			
150	6.57	4.56	3.65	2.22	0.90	3.40	5.23	6.13	6.24	6.20	5.31	3.62	0.89	2.34	3.81	5.17			
155	5.99	3.96	3.02	2.08	0.92	2.89	4.67	5.60	5.40	5.66	4.78	3.09	0.92	2.09	3.24	4.33			
160	5.23	3.19	2.54	1.98	0.95	2.50	4.10	4.94	5.26	5.00	4.16	2.66	0.97	1.98	2.63	3.43			
165	3.68	2.30	2.36	1.84	0.99	2.10	3.48	4.15	4.22	4.19	3.58	2.22	1.01	1.85	2.35	2.53			
170	1.61	1.76	2.03	1.65	1.03	1.73	2.64	3.27	2.19	3.37	2.72	1.82	1.05	1.68	2.03	1.93			
175	1.11	1.45	1.60	1.44	1.07	1.39	1.86	2.18	1.72	2.21	1.91	1.46	1.08	1.48	1.63	1.51			
180	1.10	1.07	1.07	1.07	1.09	1.09	1.08	1.07	1.13	1.09	1.06	1.07	1.09	1.11	1.09	1.06			

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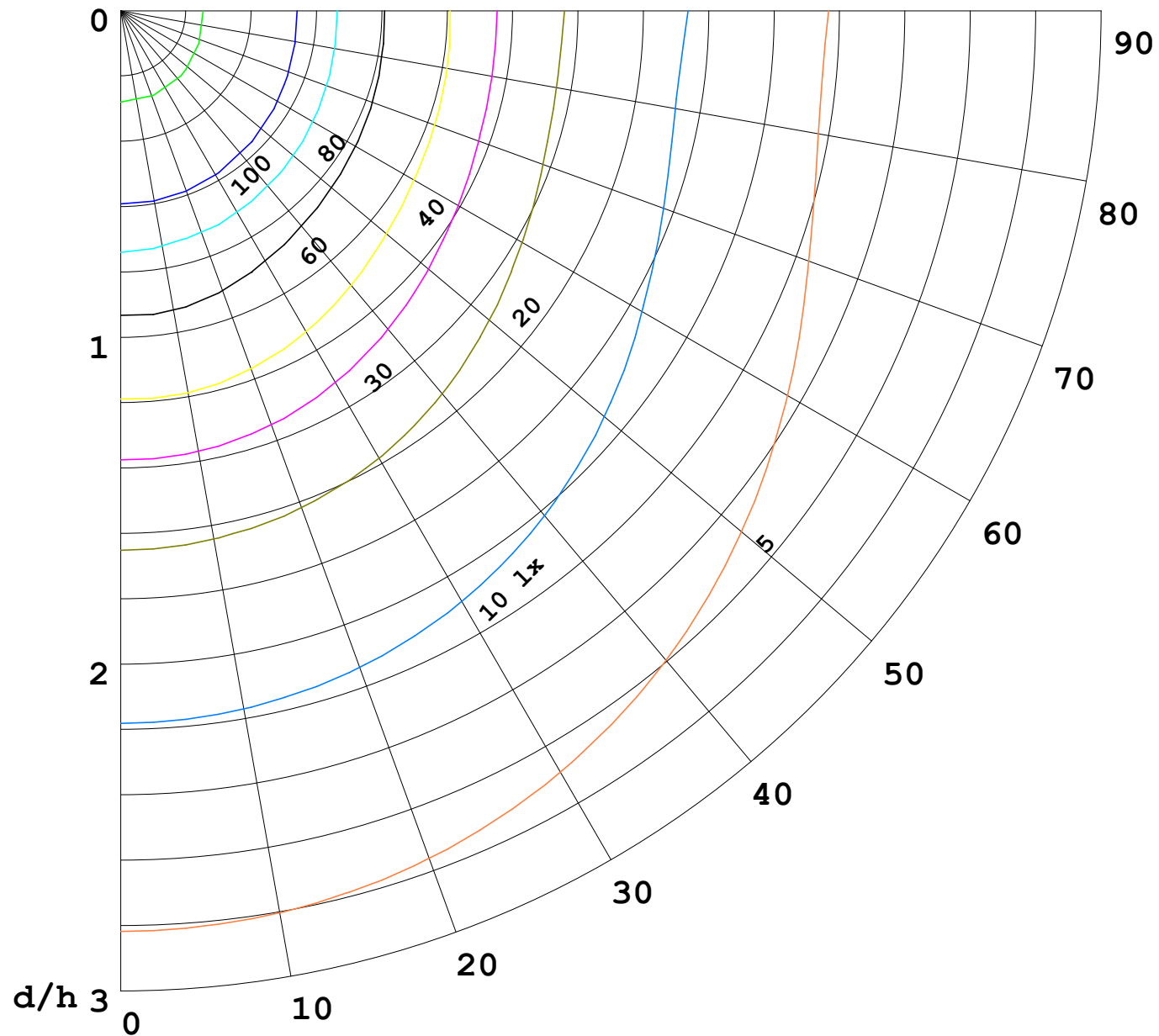
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: GREEN

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

