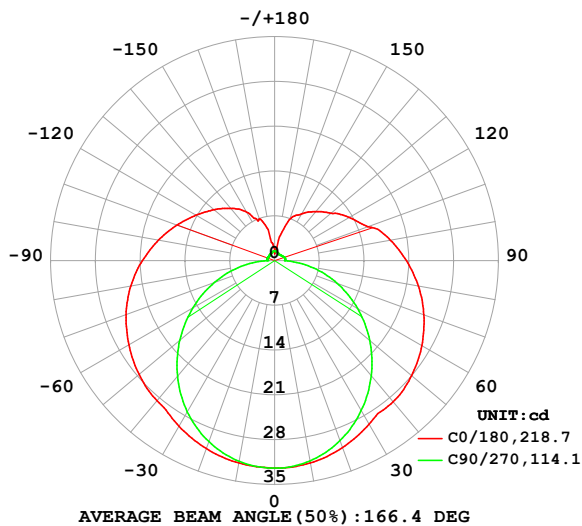


## LUMINAIRE PHOTOMETRIC TEST REPORT

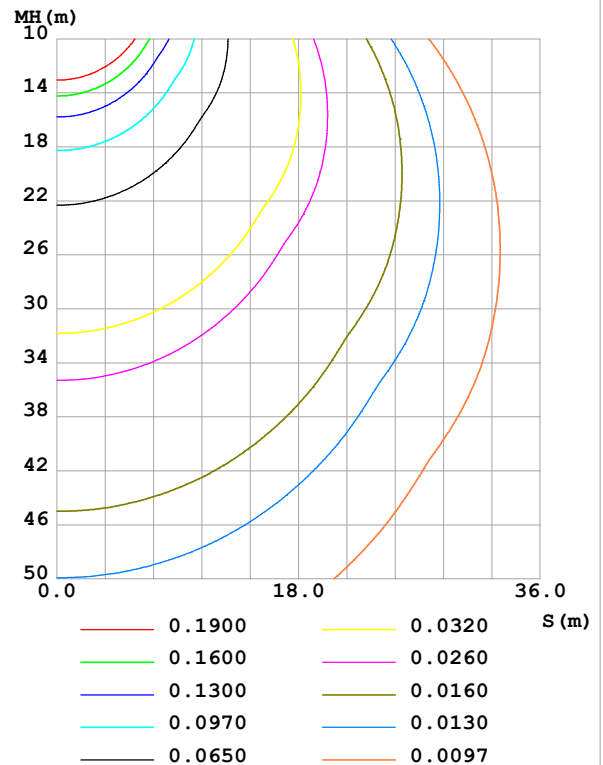
Test:U:24.00V I:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 34.67 lm/W
MODEL		Imax (cd)	32.46	S/MH(C0/180)	1.38	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	187.39	$\eta$ UP,DN(C0-180)	14.3,35.6	
NOMINAL FLUX(lm)	187.394	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	14.4,35.7	
LAMPS INSIDE	1	$\eta$ up (%)	28.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)		$\eta$ down (%)	71.3	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:2024-10-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	32.11	32.08	31.78	31.91	32.13	31.97	31.86	32.14	0- 10	3.076	3.076	1.64,1.64
20	31.09	30.73	29.94	30.55	31.28	30.67	30.11	30.84	10- 20	8.881	11.96	6.38,6.38
30	29.53	28.54	27.08	28.35	29.91	28.59	27.32	28.69	20- 30	13.69	25.64	13.7,13.7
40	28.82	25.75	23.50	25.53	28.59	25.87	23.62	25.96	30- 40	17.07	42.71	22.8,22.8
50	27.98	23.44	19.42	22.99	27.67	23.40	19.36	23.49	40- 50	19.13	61.84	33,33
60	26.58	21.14	14.98	20.43	26.31	20.95	14.74	21.26	50- 60	19.81	81.65	43.6,43.6
70	24.84	18.63	10.40	17.81	24.72	18.38	10.03	18.69	60- 70	19.16	100.8	53.8,53.8
80	22.82	16.27	5.779	15.52	22.83	16.07	5.344	16.32	70- 80	17.53	118.3	63.1,63.1
90	20.61	14.25	1.587	13.49	20.66	13.99	1.066	14.24	80- 90	15.24	133.6	71.3,71.3
100	18.42	12.63	1.641	11.93	18.45	12.35	1.210	12.65	90-100	13.15	146.7	78.3,78.3
110	15.54	9.995	1.600	10.75	16.26	11.07	1.236	10.21	100-110	11.10	157.8	84.2,84.2
120	13.51	8.922	1.421	9.869	14.22	10.10	1.178	8.072	110-120	9.165	167.0	89.1,89.1
130	11.52	7.350	1.297	9.014	12.40	9.194	1.190	7.327	120-130	7.384	174.4	93.1,93.1
140	10.03	5.637	1.210	7.896	10.68	8.058	1.225	6.291	130-140	5.641	180.0	96.1,96.1
150	8.439	4.720	1.245	6.873	8.773	6.986	1.268	4.986	140-150	3.843	183.9	98.1,98.1
160	6.813	3.367	1.334	5.412	6.942	5.481	1.378	3.451	150-160	2.275	186.1	99.3,99.3
170	2.091	2.720	1.453	3.616	2.936	3.745	1.493	2.748	160-170	1.039	187.2	99.9,99.9
180	1.538	1.494	1.554	1.524	1.567	1.477	1.551	1.541	170-180	0.2251	187.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 52.096 lm

%lum = 27.8%

%lamp = 27.8%

Conical surface Flux(130deg): 91.369 lm

%lum = 48.8%

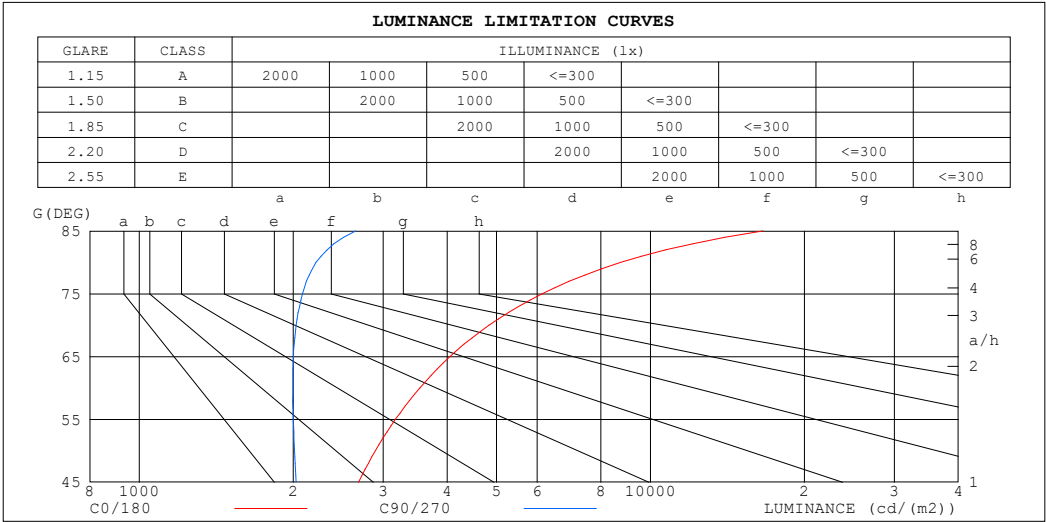
%lamp = 48.8%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Cloud  
 Test Date:2024-10-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	16575	2649
80	8748	2217
75	6138	2085
70	4835	2025
65	4053	2003
60	3539	1996
55	3170	2001
50	2897	2012
45	2684	2026

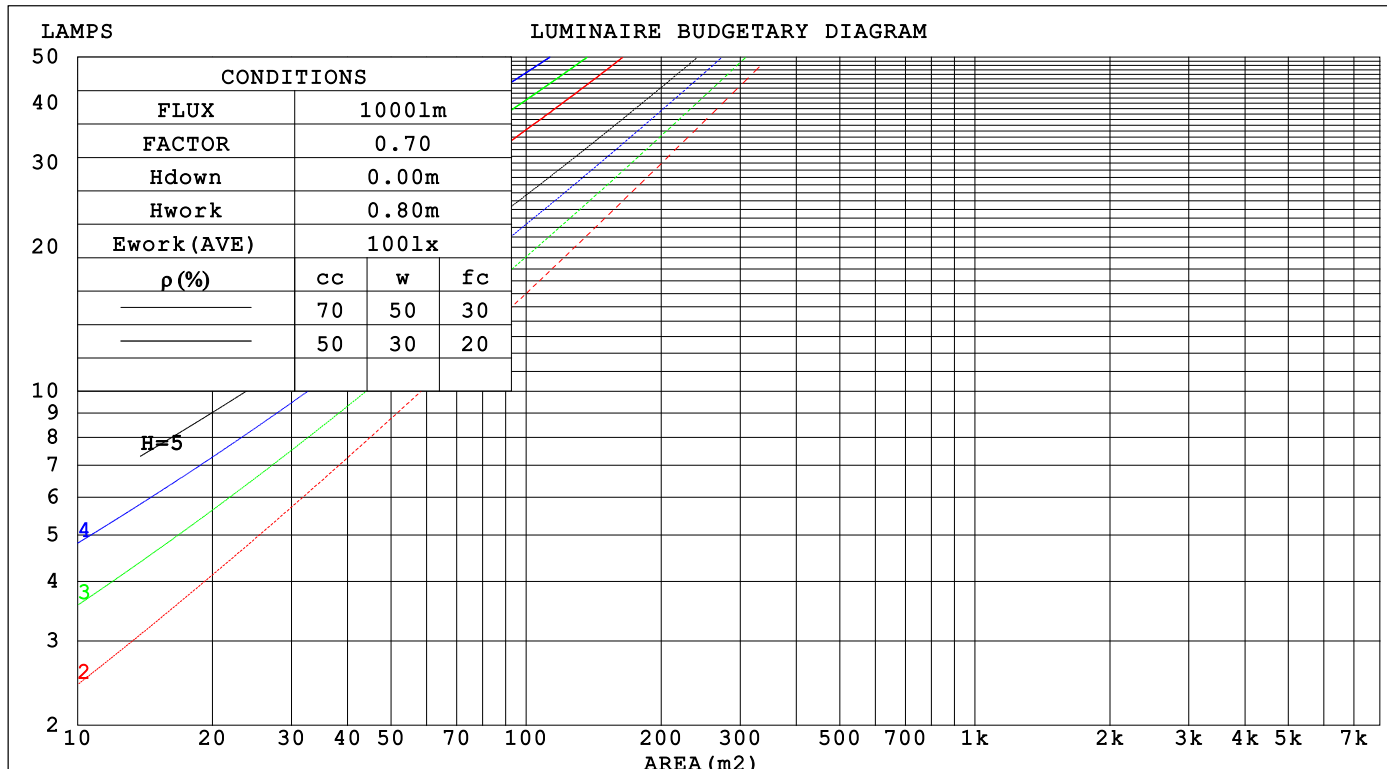
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0														
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p <sub>fc</sub>	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	.56	.52														
2.0	.79	.71	.64	.75	.67	.61	.66	.61	.56	.59	.54	.50	.52	.48	.45	.41														
3.0	.68	.59	.52	.65	.56	.50	.57	.51	.45	.51	.45	.41	.45	.40	.37	.33														
4.0	.60	.51	.43	.57	.48	.41	.50	.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	.32	.27	.22	.29	.24	.20	.18														
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	.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: 2024-10-07

```

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	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	.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	.103	.032		
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	.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	.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	.409	.409	.409	.350	.350	.350	.239	.239	.239	.137	.137	.137	.044	.044	.044	
1.0	.407	.376	.348	.348	.323	.300	.238	.222	.207	.137	.128	.121	.044	.041	.039	
2.0	.400	.354	.315	.343	.305	.272	.235	.211	.190	.135	.123	.111	.043	.040	.036	
3.0	.393	.338	.294	.337	.291	.255	.231	.202	.179	.134	.118	.105	.043	.038	.035	
4.0	.385	.326	.280	.330	.281	.243	.227	.196	.171	.131	.115	.101	.042	.037	.033	
5.0	.377	.316	.271	.324	.273	.236	.223	.191	.166	.129	.112	.099	.042	.037	.033	
6.0	.370	.308	.264	.318	.267	.230	.219	.187	.163	.127	.110	.097	.041	.036	.032	
7.0	.363	.302	.259	.312	.262	.226	.216	.183	.160	.125	.108	.095	.041	.035	.031	
8.0	.357	.296	.255	.307	.257	.222	.212	.181	.158	.124	.106	.094	.040	.035	.031	
9.0	.350	.292	.252	.302	.253	.220	.209	.178	.156	.122	.105	.093	.039	.035	.031	
10.0	.345	.288	.250	.297	.250	.218	.206	.176	.155	.120	.104	.092	.039	.034	.031	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm											
NAME: SF21-24V-5050-60-RGBW(3000)					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	25.5	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	27.9	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	30.0	31.0	30.8	31.7	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	22.8
	3H	25.2	26.1	25.9	26.8	27.7	22.2	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	30.6	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	31.5	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	29.8	30.4	30.6	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	27.2	27.7	28.7
	12H	32.7	33.2	33.5	34.0	35.1	26.9	27.4	27.8	28.3	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	31.3	32.3	26.4	26.9	27.2	27.8	28.8
	8H	31.4	31.9	32.2	32.7	33.7	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, 187.4 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:2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

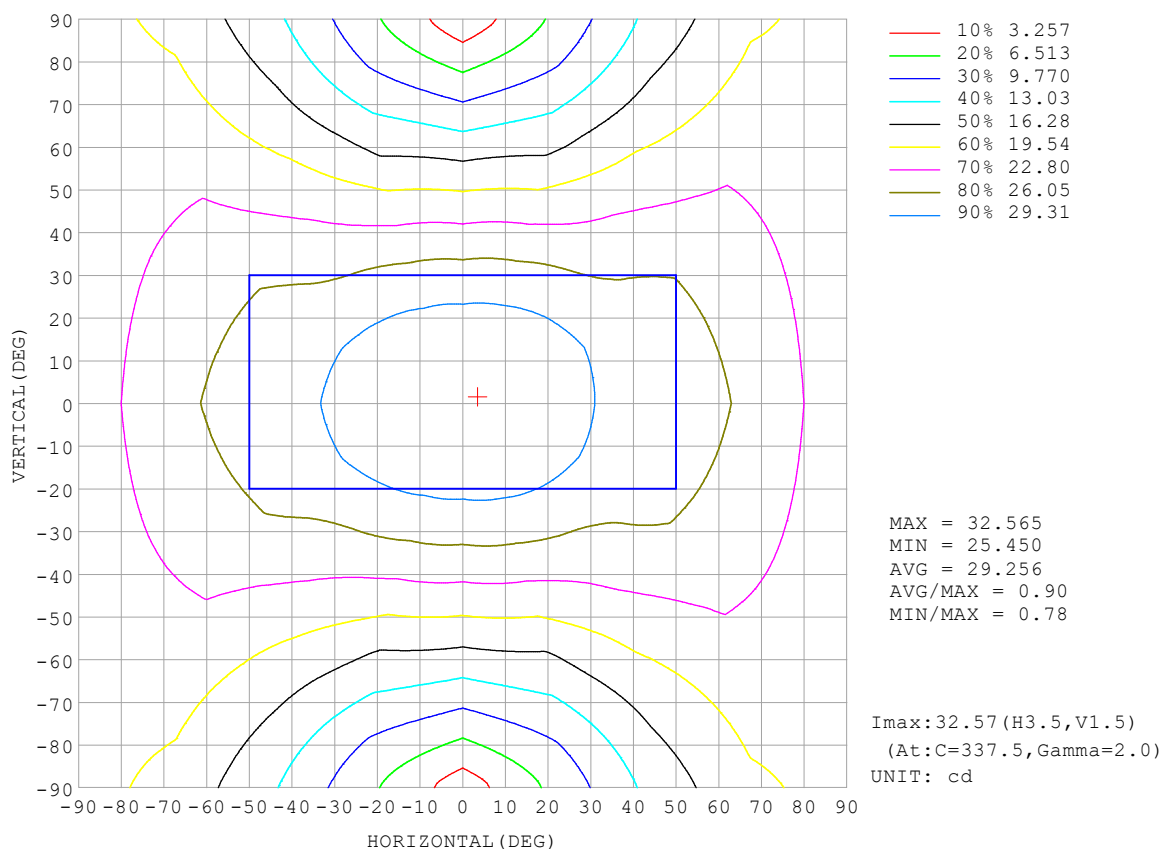
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	24	43	31	24	40	30	23	16
0.80	53	40	32	51	39	31	47	37	30	21
1.00	60	47	39	58	46	38	54	45	36	26
1.25	67	54	45	64	52	44	59	49	42	31
1.50	72	60	51	69	58	49	63	54	46	34
2.00	80	68	60	76	66	58	69	60	54	40
2.50	85	74	65	80	71	63	73	65	58	43
3.00	88	79	71	84	75	68	76	69	63	47
4.00	93	85	78	88	81	75	79	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: 2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



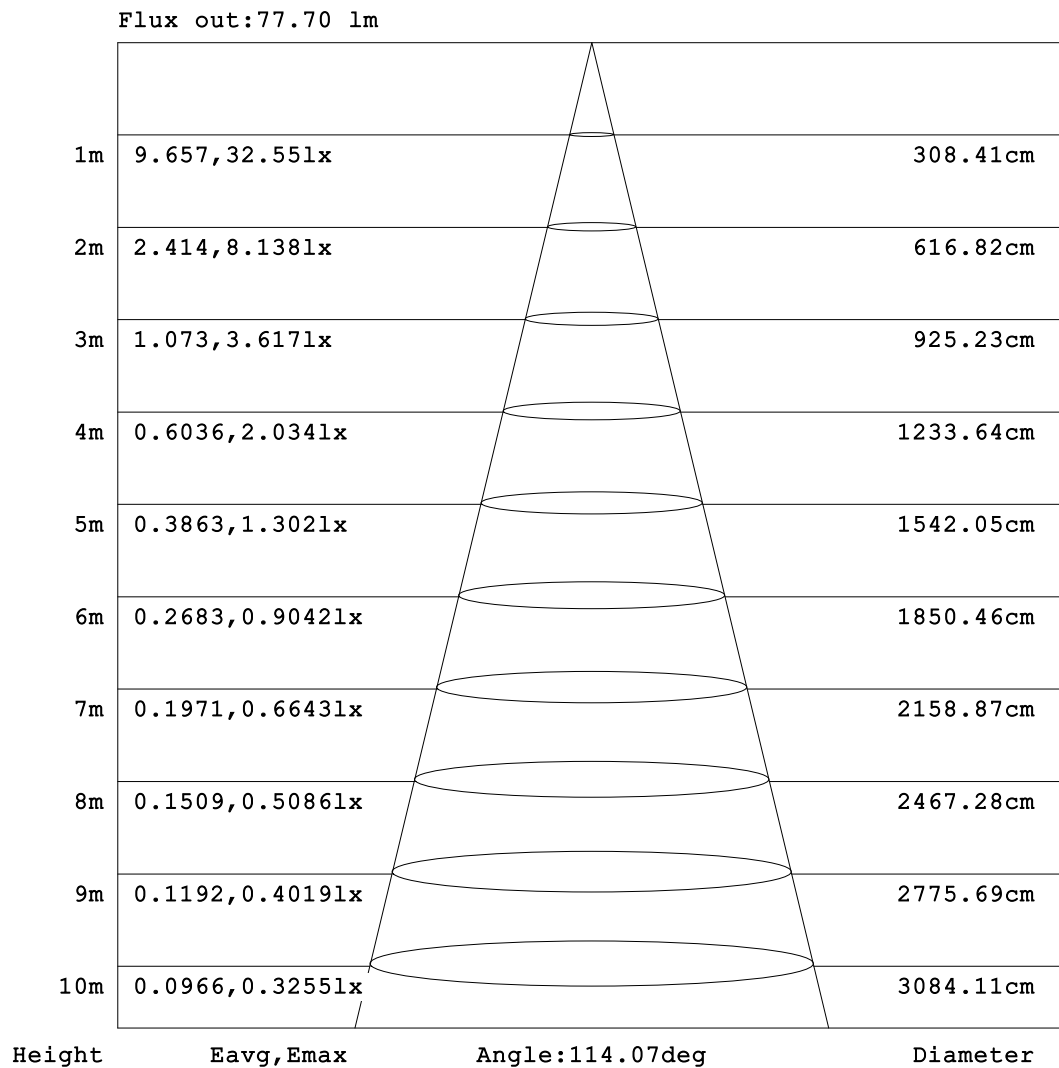
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



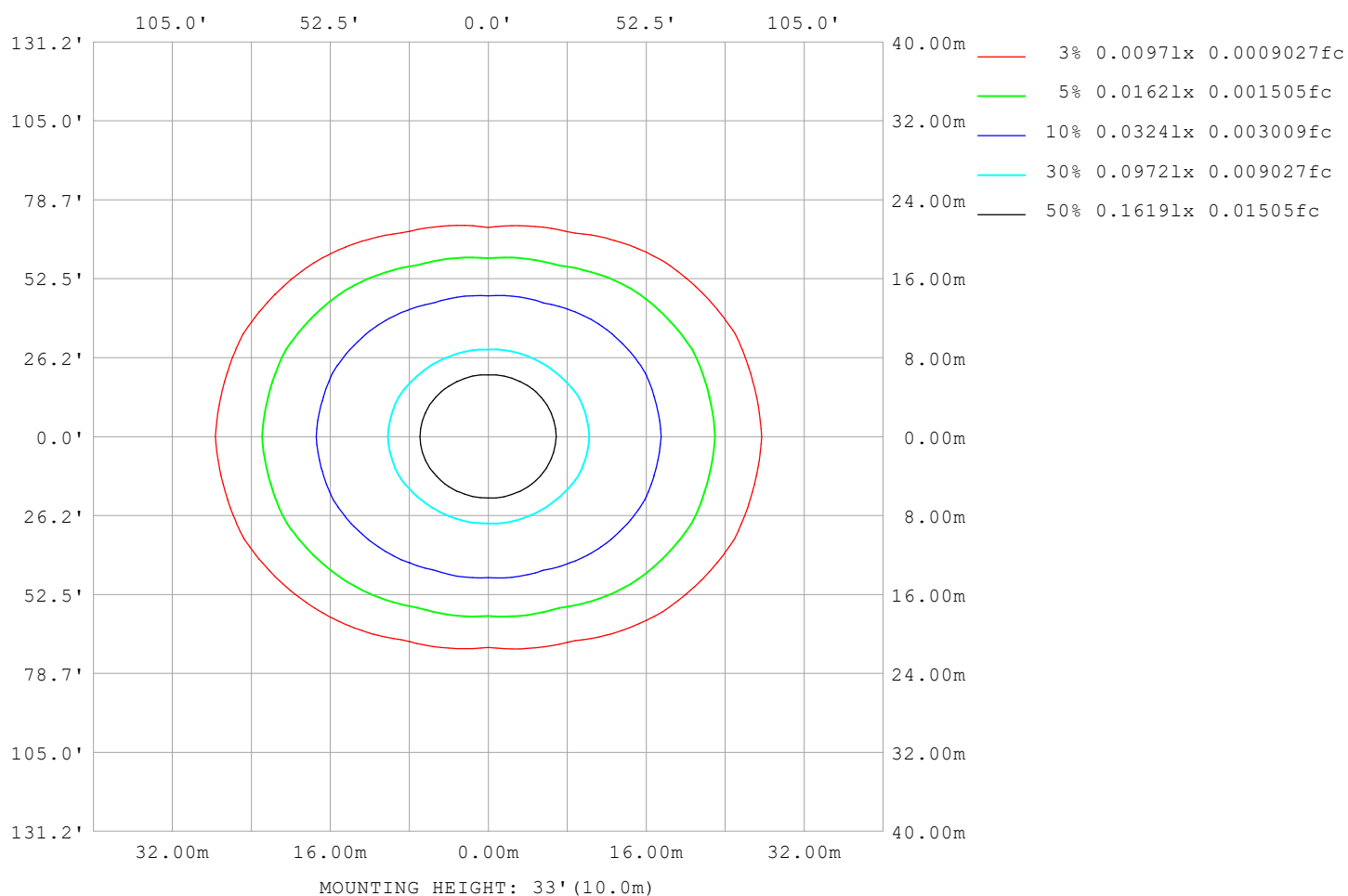
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	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: 2024-10-07

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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

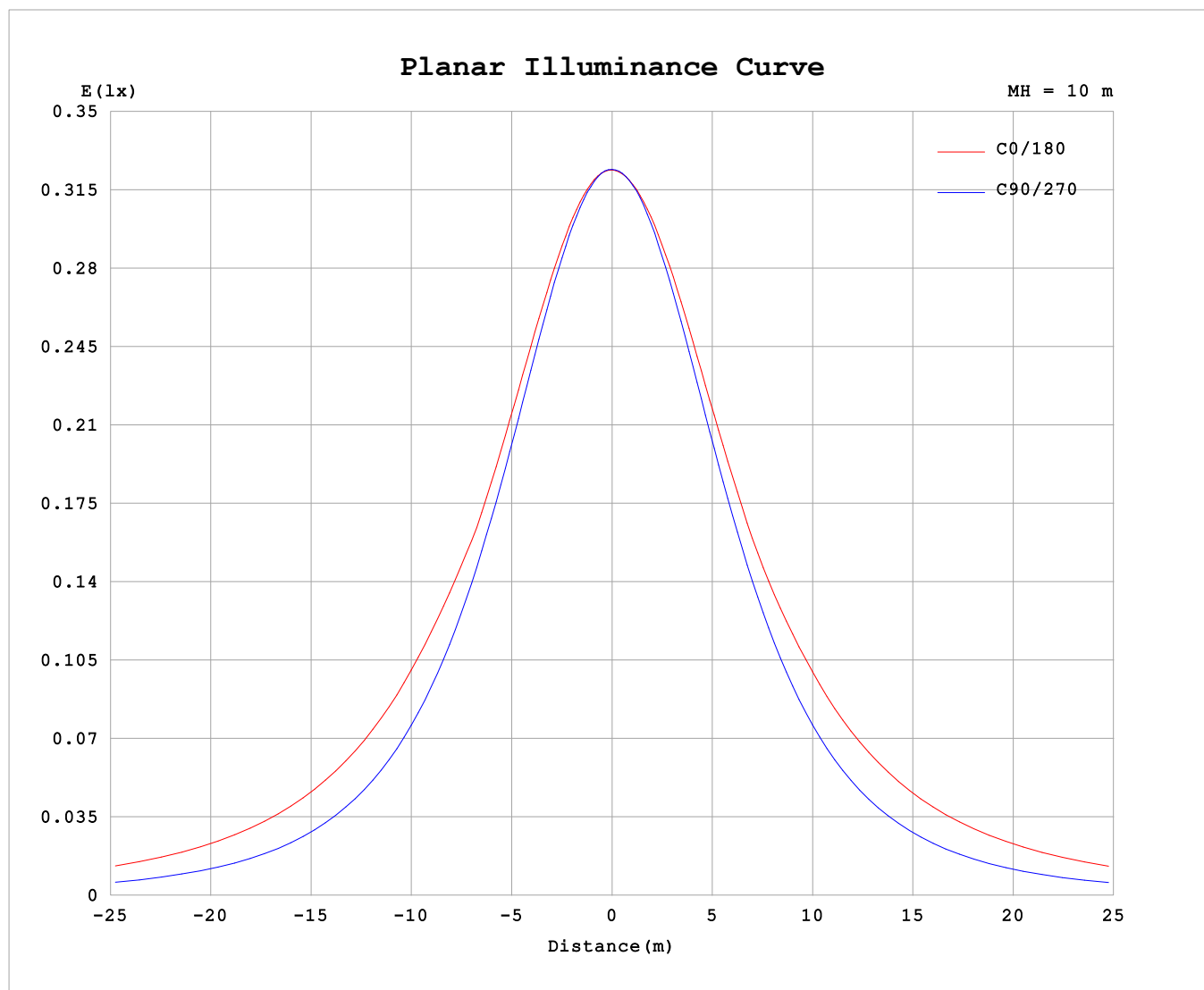
AvgL	cd/m2
L_0~180 (65) av	4044
L_0~180 (75) av	6139
L_0~180 (85) av	16629
L_90~270 (65) av	1979
L_90~270 (75) av	2031
L_90~270 (85) av	2486
L_45 (65) av	3101
L_45 (75) av	4426
L_45 (85) av	11452

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-07

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: 2024-10-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2252A P:5.405W PF:1.000 Freq:0Hz Lamp Flux:187.394x1 lm																		
NAME: SF21-24V-5050-60-RGBW(3000)									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

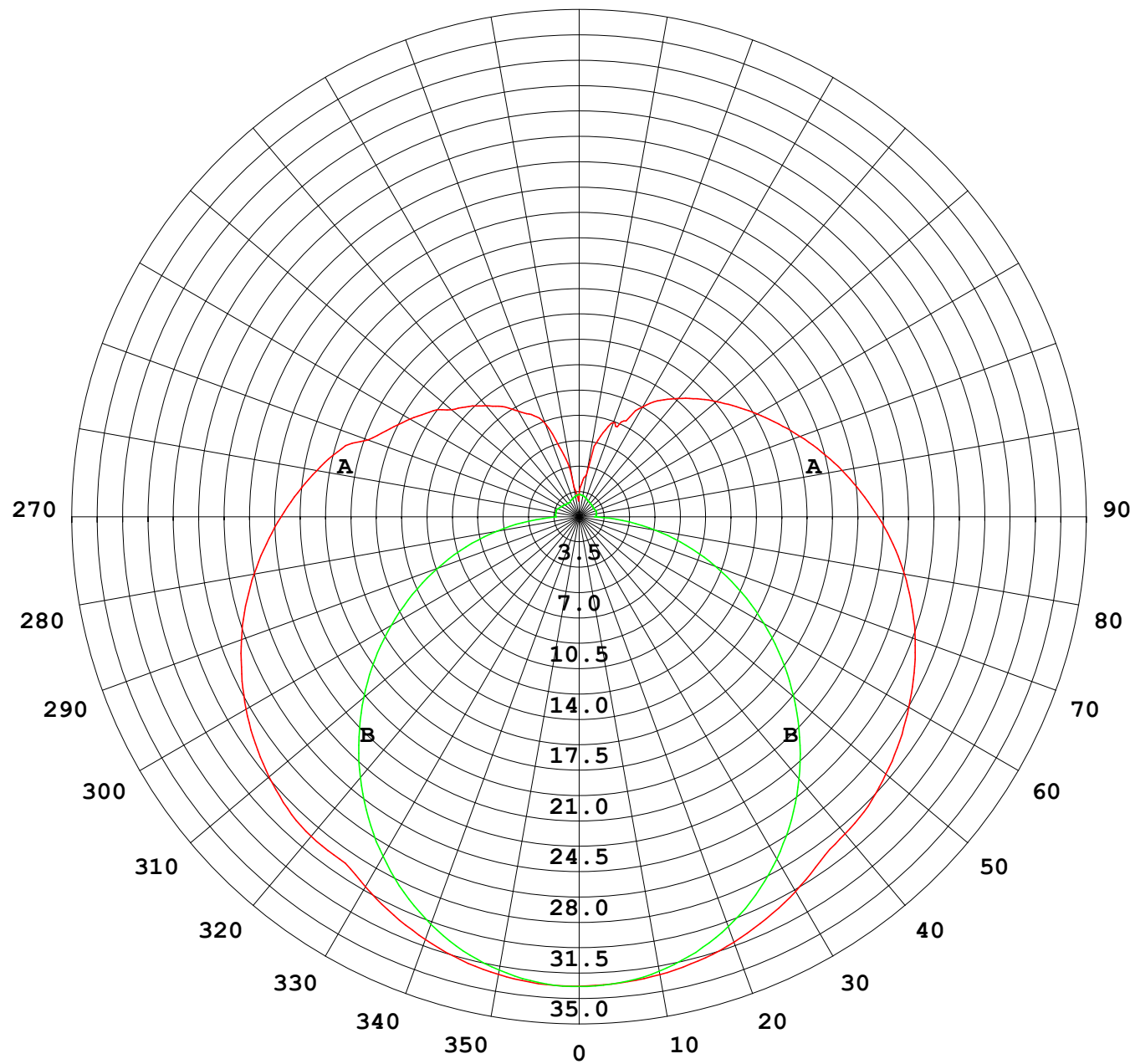
UNIT: cd

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	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4		
5	32.4	32.4	32.4	32.3	32.3	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4		
10	32.1	32.1	32.1	31.9	31.8	31.8	31.9	32.0	32.1	32.1	32.0	31.9	31.9	32.0	32.1	32.2		
15	31.7	31.7	31.5	31.2	31.0	31.0	31.3	31.6	31.8	31.7	31.4	31.2	31.1	31.3	31.6	31.8		
20	31.1	31.0	30.7	30.3	29.9	30.1	30.5	31.0	31.3	31.1	30.7	30.3	30.1	30.4	30.8	31.1		
25	30.4	30.2	29.7	29.1	28.6	28.9	29.5	30.3	30.6	30.4	29.7	29.1	28.8	29.2	29.9	30.3		
30	29.5	29.3	28.5	27.6	27.1	27.4	28.3	29.4	29.9	29.5	28.6	27.7	27.3	27.8	28.7	29.4		
35	28.9	28.3	27.2	26.0	25.4	25.8	27.0	28.3	29.1	28.5	27.3	26.1	25.6	26.2	27.4	28.4		
40	28.8	27.8	25.7	24.3	23.5	24.0	25.5	27.5	28.6	27.7	25.9	24.3	23.6	24.4	26.0	27.8		
45	28.5	27.4	24.3	22.4	21.5	22.2	24.1	27.0	28.3	27.3	24.5	22.4	21.5	22.5	24.4	27.5		
50	28.0	26.8	23.4	20.4	19.4	20.2	23.0	26.2	27.7	26.5	23.4	20.4	19.4	20.4	23.5	26.9		
55	27.3	26.0	22.4	18.4	17.2	18.2	21.8	25.4	27.0	25.7	22.2	18.3	17.1	18.4	22.5	26.1		
60	26.6	25.1	21.1	16.3	15.0	16.2	20.4	24.5	26.3	24.9	21.0	16.3	14.7	16.3	21.3	25.2		
65	25.7	24.2	19.9	14.7	12.7	14.5	19.1	23.6	25.5	23.9	19.7	14.6	12.4	14.5	20.0	24.3		
70	24.8	23.2	18.6	13.0	10.4	12.8	17.8	22.7	24.7	23.0	18.4	12.9	10.0	12.9	18.7	23.3		
75	23.9	22.2	17.4	11.4	8.10	11.1	16.7	21.7	23.8	22.0	17.2	11.2	7.67	11.2	17.5	22.3		
80	22.8	21.1	16.3	9.84	5.78	9.54	15.5	20.7	22.8	21.0	16.1	9.69	5.34	9.66	16.3	21.2		
85	21.7	20.1	15.2	8.57	3.47	8.25	14.5	19.6	21.8	19.9	15.0	8.45	3.03	8.38	15.2	20.1		
90	20.6	19.0	14.2	7.61	1.59	7.27	13.5	18.5	20.7	18.8	14.0	7.47	1.07	7.37	14.2	19.0		
95	19.5	18.0	13.4	7.02	1.64	6.68	12.7	17.5	19.5	17.8	13.1	6.88	1.19	6.62	13.4	18.0		
100	18.4	17.0	12.6	5.61	1.64	6.36	11.9	16.5	18.5	16.8	12.3	6.56	1.21	5.11	12.7	17.0		
105	17.3	15.8	10.9	5.03	1.65	6.24	11.3	15.5	17.3	15.8	11.7	6.46	1.23	3.69	11.1	15.9		
110	15.5	14.0	9.99	5.20	1.60	6.21	10.8	14.6	16.3	14.8	11.1	6.45	1.24	4.38	10.2	14.3		
115	14.4	13.0	9.34	5.28	1.50	6.17	10.3	13.7	15.2	13.9	10.6	6.44	1.19	4.89	7.77	12.9		
120	13.5	12.2	8.92	4.90	1.42	6.07	9.87	12.9	14.2	13.0	10.1	6.38	1.18	5.29	8.07	12.1		
125	12.6	11.5	8.35	4.62	1.36	5.81	9.46	12.1	13.3	12.3	9.67	6.10	1.18	5.24	7.78	10.4		
130	11.5	10.9	7.35	4.60	1.30	5.68	9.01	11.4	12.4	11.5	9.19	5.92	1.19	4.88	7.33	9.59		
135	10.8	10.2	6.76	4.27	1.25	5.60	8.55	10.6	11.5	10.7	8.71	5.84	1.20	4.57	6.75	9.17		
140	10.0	9.41	5.64	3.86	1.21	5.24	7.90	9.87	10.7	9.98	8.06	5.51	1.22	4.14	6.29	8.71		
145	9.31	7.43	5.11	3.36	1.20	4.87	7.33	9.07	9.83	9.18	7.44	5.08	1.25	3.66	5.57	7.67		
150	8.44	5.89	4.72	2.94	1.24	4.56	6.87	8.10	8.77	8.19	6.99	4.85	1.27	3.14	4.99	6.61		
155	7.80	5.13	4.00	2.79	1.29	3.91	6.18	7.40	7.32	7.48	6.34	4.21	1.32	2.86	4.27	5.56		
160	6.81	4.20	3.37	2.64	1.33	3.42	5.41	6.56	6.94	6.68	5.48	3.65	1.38	2.71	3.45	4.43		
165	4.75	2.98	3.14	2.47	1.40	2.88	4.70	5.50	5.78	5.56	4.85	3.06	1.43	2.51	3.21	3.32		
170	2.09	2.30	2.72	2.22	1.45	2.40	3.62	4.54	2.94	4.66	3.75	2.52	1.49	2.27	2.75	2.56		
175	1.43	1.93	2.16	1.94	1.51	1.93	2.58	3.09	2.39	3.16	2.64	2.01	1.53	2.00	2.19	1.99		
180	1.54	1.56	1.49	1.53	1.55	1.56	1.52	1.51	1.57	1.58	1.48	1.53	1.55	1.58	1.54	1.51		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-07

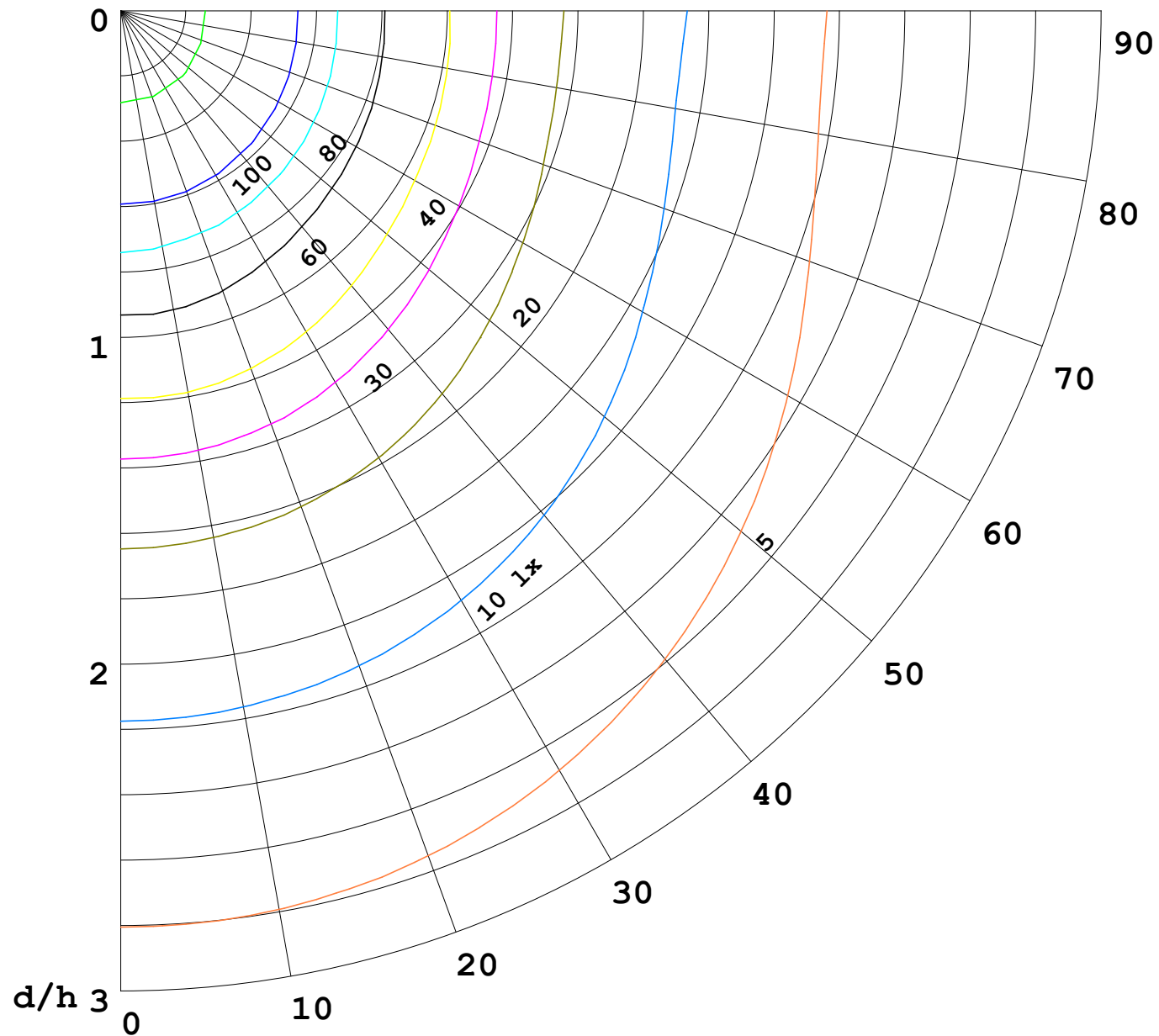
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: WHITE

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

