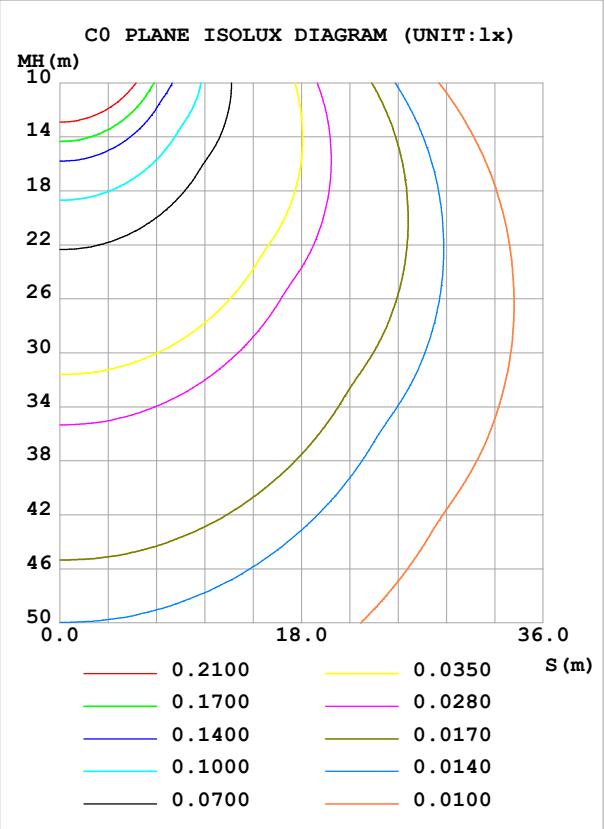
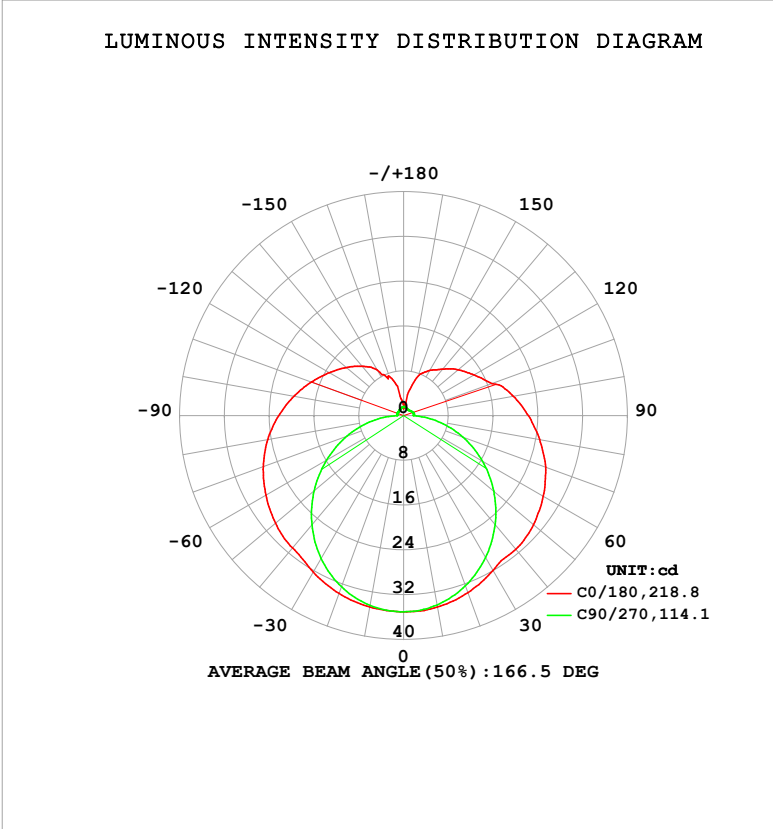


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 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: 37.35 lm/W
MODEL		Imax (cd)	35.07	S/MH(C0/180)		1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)		1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	202.49	η UP,DN(C0-180)		14.3,35.6
NOMINAL FLUX(lm)	202.489	CIE CLASS	SEMI-D.	η UP,DN(C180-360)		14.4,35.7
LAMPS INSIDE	1	η up (%)	28.7	CIBSE SHR NOM		1.50
TEST VOLTAGE(V)		η down (%)	71.3	CIBSE SHR MAX		1.55



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: WHITE

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	34.75	34.66	34.35	34.46	34.73	34.55	34.42	34.73	0- 10	3.324	3.324	1.64,1.64
20	33.64	33.19	32.35	32.98	33.81	33.16	32.53	33.30	10- 20	9.596	12.92	6.38,6.38
30	31.96	30.79	29.29	30.58	32.29	30.88	29.49	30.96	20- 30	14.79	27.71	13.7,13.7
40	31.19	27.78	25.46	27.54	30.88	27.93	25.50	27.98	30- 40	18.43	46.14	22.8,22.8
50	30.31	25.31	21.05	24.81	29.88	25.26	20.88	25.38	40- 50	20.66	66.80	33,33
60	28.81	22.83	16.27	22.08	28.41	22.63	15.88	23.01	50- 60	21.41	88.21	43.6,43.6
70	27.06	20.15	11.28	19.25	26.69	19.88	10.80	20.20	60- 70	20.72	108.9	53.8,53.8
80	24.66	17.63	6.295	16.77	24.64	17.38	5.712	17.60	70- 80	18.94	127.9	63.2,63.2
90	22.29	15.41	1.769	14.57	22.31	15.12	1.112	15.37	80- 90	16.46	144.3	71.3,71.3
100	19.96	13.63	1.813	12.89	19.93	13.35	1.262	13.66	90-100	14.22	158.6	78.3,78.3
110	16.84	10.80	1.765	11.60	17.55	11.96	1.279	10.94	100-110	11.99	170.5	84.2,84.2
120	14.54	9.676	1.560	10.66	15.36	10.92	1.207	9.297	110-120	9.884	180.4	89.1,89.1
130	12.76	7.926	1.409	9.733	13.40	9.934	1.219	7.802	120-130	7.983	188.4	93,93
140	10.85	6.305	1.305	8.507	11.53	8.705	1.285	6.840	130-140	6.107	194.5	96.1,96.1
150	9.322	5.180	1.331	7.415	9.415	7.562	1.323	5.423	140-150	4.164	198.7	98.1,98.1
160	7.445	3.668	1.412	5.837	7.463	5.914	1.438	3.756	150-160	2.452	201.1	99.3,99.3
170	2.334	2.955	1.539	3.792	3.151	3.919	1.562	2.939	160-170	1.113	202.3	99.9,99.9
180	1.595	1.584	1.626	1.592	1.627	1.566	1.620	1.612	170-180	0.2388	202.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 56.28 lm

%lum = 27.8%

%lamp = 27.8%

Conical surface Flux(130deg): 98.725 lm

%lum = 48.8%

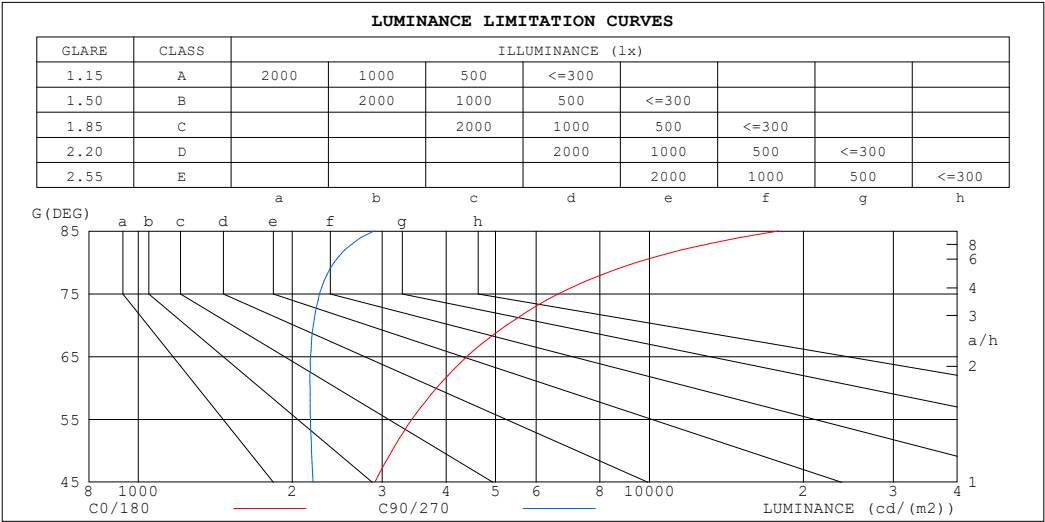
%lamp = 48.8%

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

$\gamma$  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:0.2259A P:5.422W PF:1.000 Freq:0Hz		
Lamp Flux:202.489x1 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	17891	2894
80	9442	2415
75	6634	2262
70	5259	2198
65	4393	2172
60	3830	2169
55	3431	2170
50	3134	2182
45	2901	2195

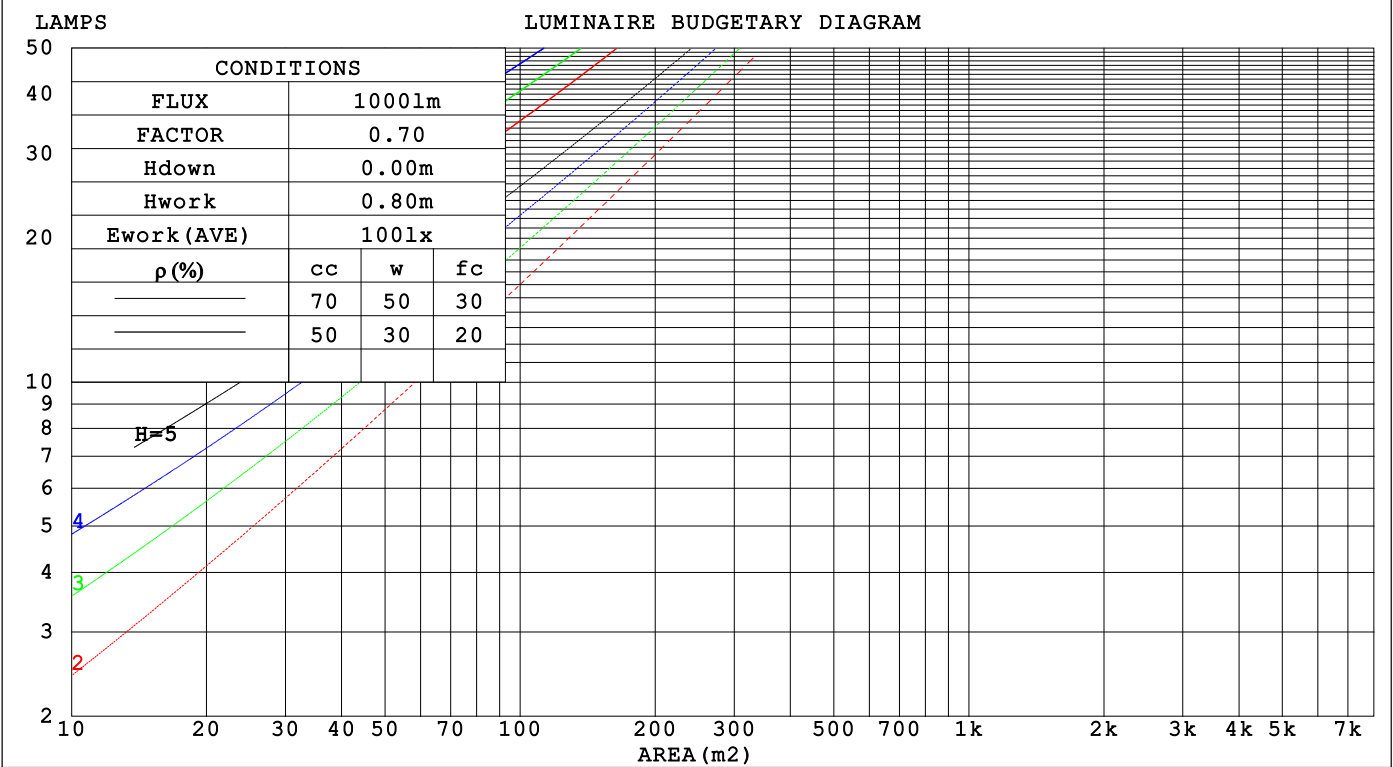
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-08

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: WHITE

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz																	
Lamp Flux:202.489x1 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	.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	.50	.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:2024-10-08

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: WHITE

## WEC AND CCEC

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 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	.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	.107	.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:2024-10-08

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: WHITE

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 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	25.5	25.1	26.2	27.0	20.6	21.8	21.3	22.5	23.3
	4H	26.0	27.1	26.7	27.8	28.7	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	30.1	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	26.9	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	30.7	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	28.2	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	31.1	31.7	32.0	32.5	33.5	26.3	26.9	27.2	27.7	28.7
	12H	32.7	33.2	33.6	34.0	35.1	26.9	27.4	27.8	28.3	29.3
12H	4H	27.4	28.1	28.2	28.9	29.9	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	32.2	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, 202.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.5)  
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: WHITE

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

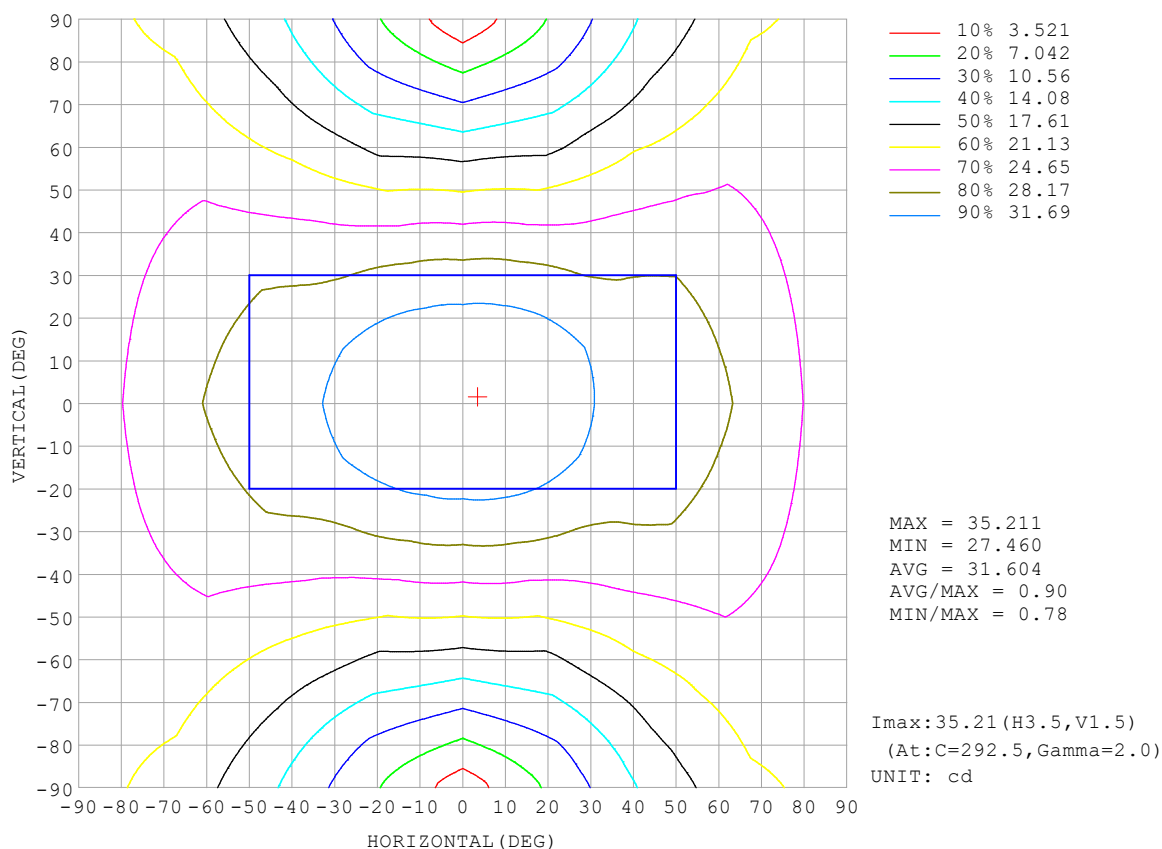
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	24	43	31	24	40	30	23	16
0.80	53	40	32	51	39	31	47	37	30	21
1.00	60	47	39	58	46	38	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: 2024-10-08

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: WHITE

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

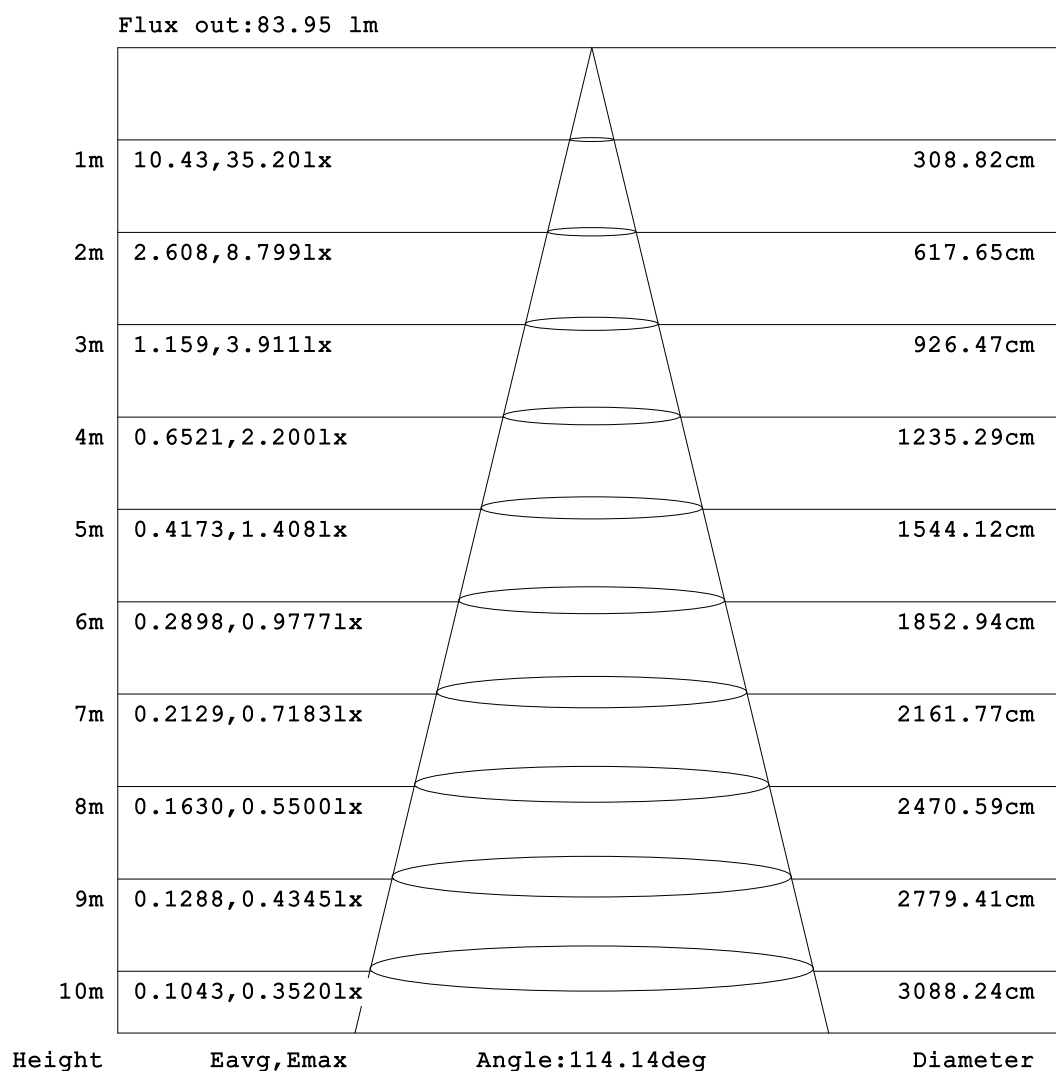


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-08

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: WHITE

## AAI Figure

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



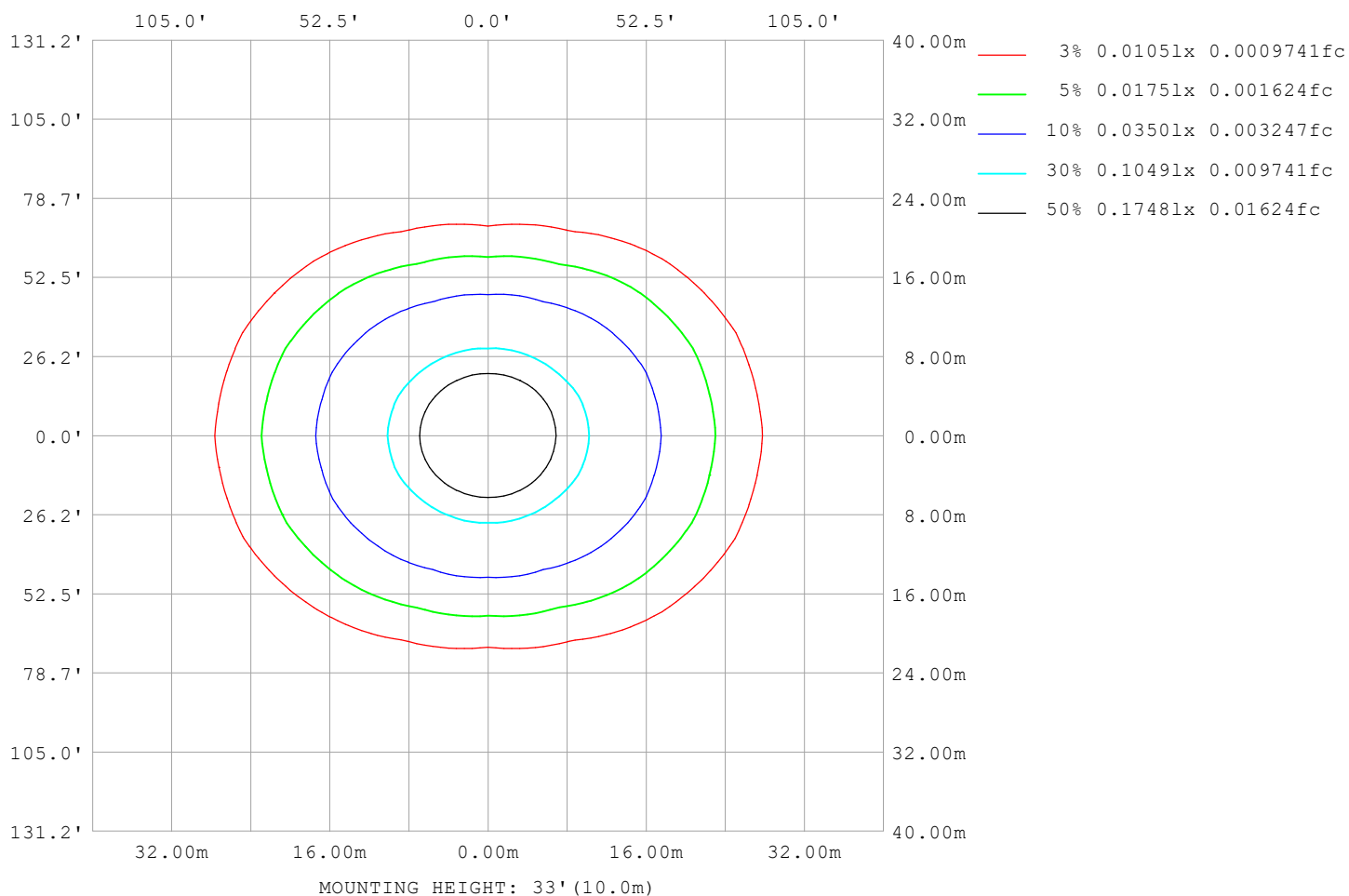
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: WHITE

## ISOLUX DIAGRAM

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 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: WHITE

## LED Avg.L Report

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 lm		
NAME: SF21-24V-5050-60-RGBW(4000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

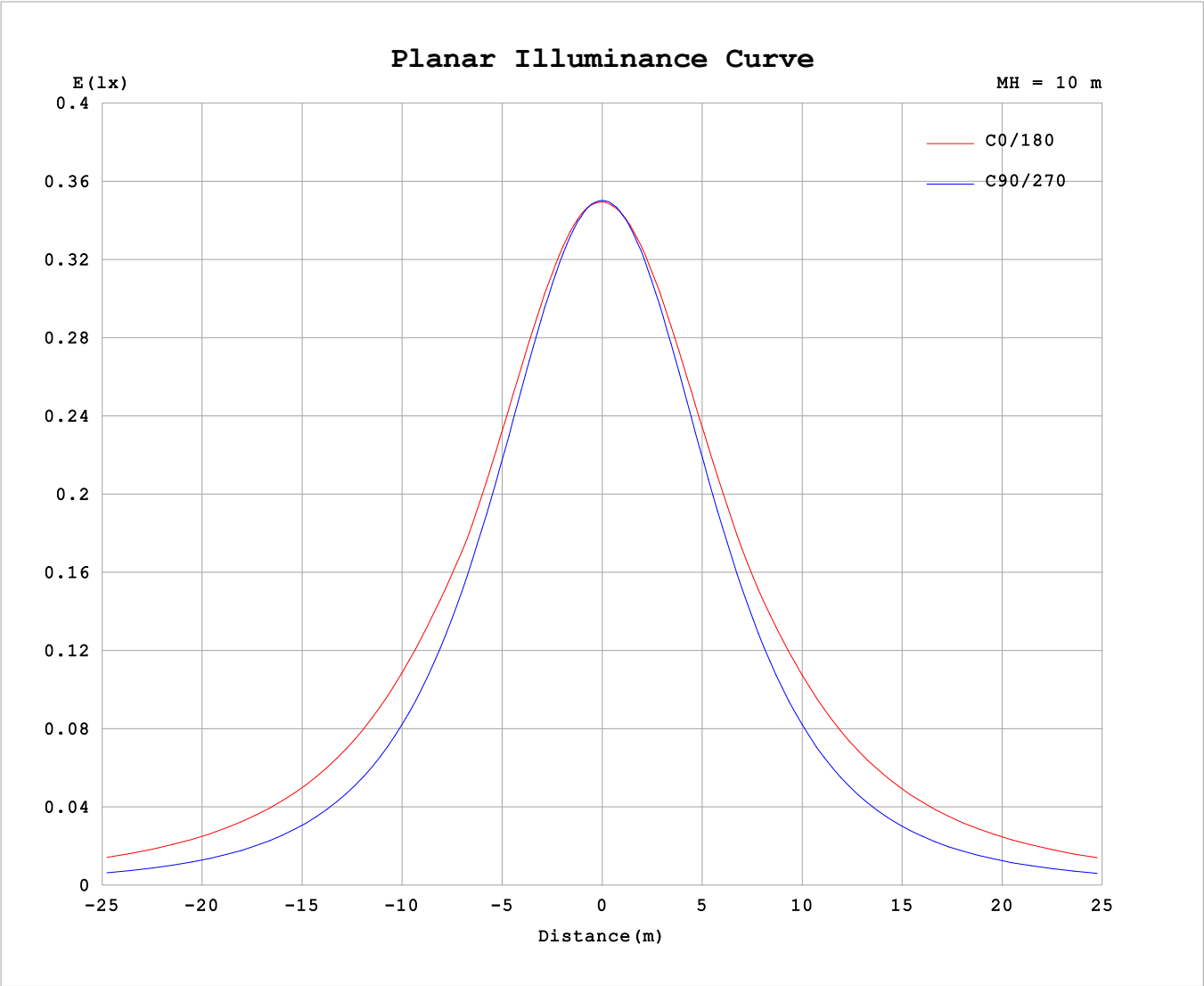
AvgL	cd/m2
L_0~180 (65) av	4378
L_0~180 (75) av	6638
L_0~180 (85) av	17962
L_90~270 (65) av	2139
L_90~270 (75) av	2192
L_90~270 (85) av	2685
L_45 (65) av	3354
L_45 (75) av	4778
L_45 (85) av	12383

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: WHITE

Planar Illuminance Curve



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: WHITE

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:202.489x1 lm																	
NAME: SF21-24V-5050-60-RGBW(4000)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

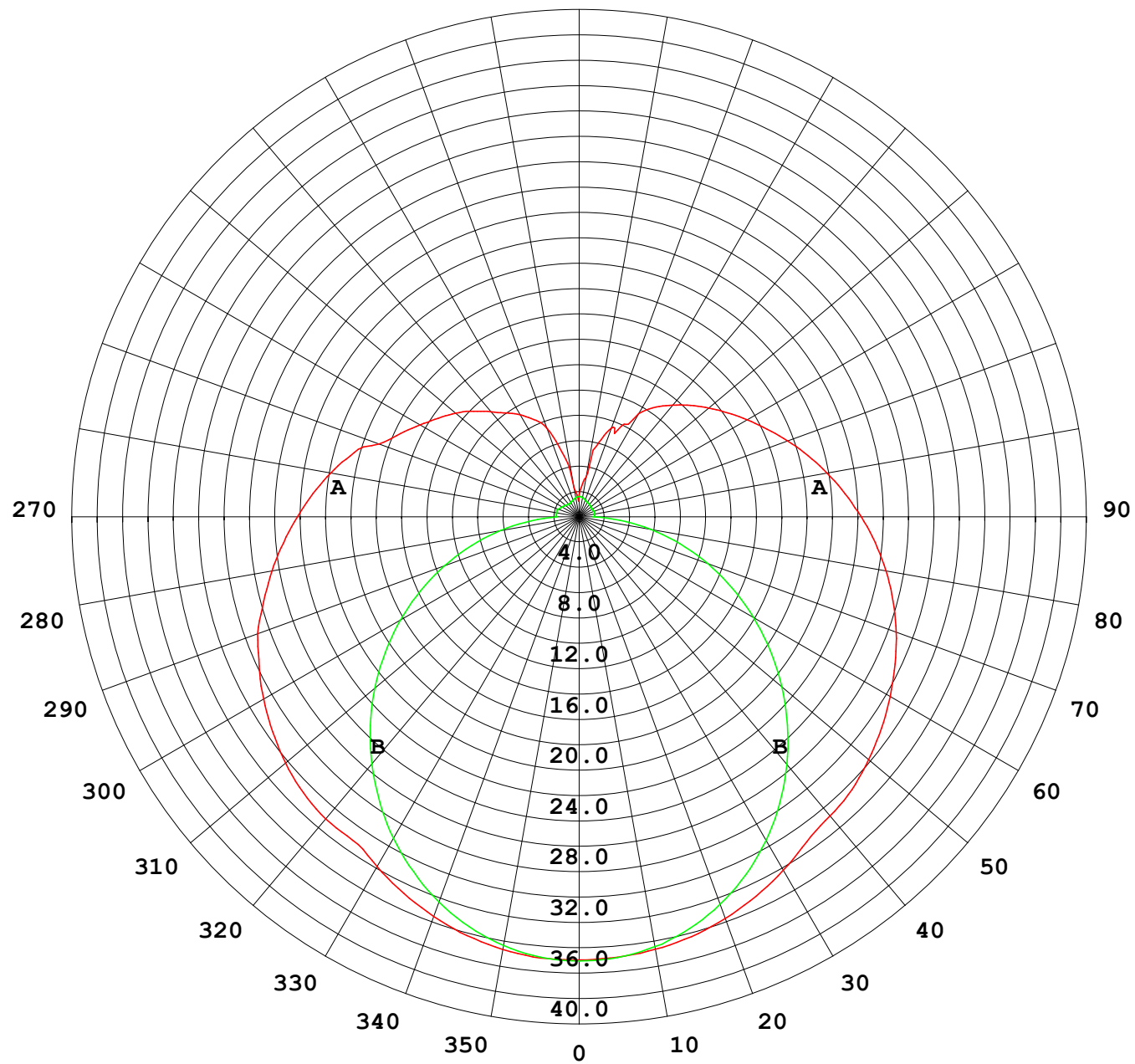
UNIT: cd

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	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	
5	35.0	35.0	35.0	34.9	34.9	34.8	34.9	34.9	35.0	34.9	34.9	34.9	34.9	35.0	35.0	35.0	
10	34.8	34.7	34.7	34.5	34.4	34.3	34.5	34.6	34.7	34.7	34.5	34.5	34.4	34.6	34.7	34.8	
15	34.3	34.3	34.0	33.7	33.5	33.5	33.8	34.1	34.4	34.2	34.0	33.7	33.6	33.9	34.1	34.3	
20	33.6	33.5	33.2	32.7	32.4	32.5	33.0	33.5	33.8	33.6	33.2	32.7	32.5	32.9	33.3	33.7	
25	32.9	32.7	32.1	31.4	30.9	31.2	31.8	32.7	33.1	32.8	32.1	31.4	31.1	31.6	32.2	32.8	
30	32.0	31.7	30.8	29.8	29.3	29.6	30.6	31.7	32.3	31.8	30.9	29.9	29.5	30.0	31.0	31.8	
35	31.2	30.6	29.4	28.1	27.4	27.9	29.1	30.6	31.4	30.8	29.5	28.2	27.6	28.3	29.5	30.7	
40	31.2	30.0	27.8	26.2	25.5	26.0	27.5	29.7	30.9	30.0	27.9	26.2	25.5	26.3	28.0	30.1	
45	30.9	29.6	26.2	24.1	23.3	24.0	26.0	29.1	30.5	29.4	26.4	24.2	23.3	24.2	26.3	29.7	
50	30.3	28.9	25.3	22.0	21.0	21.9	24.8	28.3	29.9	28.6	25.3	22.0	20.9	22.1	25.4	29.1	
55	29.6	28.1	24.2	19.8	18.7	19.8	23.5	27.4	29.2	27.7	24.0	19.8	18.4	19.8	24.2	28.2	
60	28.8	27.2	22.8	17.6	16.3	17.6	22.1	26.4	28.4	26.8	22.6	17.6	15.9	17.6	23.0	27.4	
65	27.9	26.2	21.5	15.8	13.8	15.8	20.6	25.4	27.6	25.8	21.2	15.7	13.4	15.6	21.7	26.4	
70	27.1	25.2	20.1	14.0	11.3	13.9	19.3	24.4	26.7	24.8	19.9	13.9	10.8	13.9	20.2	25.2	
75	25.8	24.1	18.8	12.2	8.79	12.1	18.0	23.4	25.7	23.8	18.6	12.1	8.23	12.0	18.8	24.1	
80	24.7	22.9	17.6	10.6	6.29	10.4	16.8	22.3	24.6	22.7	17.4	10.5	5.71	10.3	17.6	22.9	
85	23.5	21.7	16.5	9.28	3.79	8.98	15.6	21.1	23.5	21.5	16.2	9.12	3.23	8.94	16.4	21.8	
90	22.3	20.6	15.4	8.23	1.77	7.91	14.6	20.0	22.3	20.3	15.1	8.07	1.11	7.92	15.4	20.6	
95	21.1	19.5	14.5	7.60	1.81	7.26	13.7	18.9	21.1	19.2	14.2	7.43	1.24	7.28	14.5	19.5	
100	20.0	18.4	13.6	6.09	1.81	6.90	12.9	17.8	19.9	18.1	13.3	7.07	1.26	5.78	13.7	18.4	
105	18.7	17.1	11.8	5.43	1.84	6.78	12.2	16.7	18.7	17.0	12.6	6.96	1.28	4.42	12.1	17.2	
110	16.8	15.2	10.8	5.60	1.76	6.72	11.6	15.7	17.6	16.0	12.0	6.94	1.28	5.08	10.9	15.5	
115	15.6	14.2	10.1	5.69	1.65	6.69	11.1	14.8	16.4	15.0	11.4	6.93	1.23	5.55	8.60	13.9	
120	14.5	13.2	9.68	5.18	1.56	6.56	10.7	13.9	15.4	14.1	10.9	6.87	1.21	5.78	9.30	13.0	
125	13.6	12.5	8.98	5.28	1.48	6.28	10.2	13.0	14.3	13.2	10.4	6.56	1.21	5.62	8.61	10.4	
130	12.8	11.8	7.93	5.01	1.41	6.14	9.73	12.3	13.4	12.4	9.93	6.38	1.22	5.30	7.80	10.9	
135	11.8	11.1	7.15	4.71	1.35	6.04	9.23	11.4	12.5	11.6	9.41	6.29	1.26	4.95	7.51	10.1	
140	10.9	10.1	6.30	4.12	1.31	5.62	8.51	10.6	11.5	10.8	8.71	5.90	1.29	4.46	6.84	9.25	
145	10.0	8.17	5.73	3.68	1.30	5.26	7.92	9.75	10.6	9.88	8.05	5.45	1.31	3.93	6.12	8.40	
150	9.32	6.53	5.18	3.21	1.33	4.87	7.42	8.71	9.41	8.82	7.56	5.19	1.32	3.36	5.42	7.33	
155	8.50	5.62	4.31	3.02	1.37	4.15	6.63	7.96	7.94	8.05	6.81	4.43	1.37	3.00	4.60	6.14	
160	7.45	4.55	3.67	2.88	1.41	3.59	5.84	7.02	7.46	7.13	5.91	3.82	1.44	2.85	3.76	4.85	
165	5.33	3.33	3.42	2.68	1.48	3.02	4.97	5.91	6.10	5.96	5.14	3.19	1.50	2.68	3.37	3.60	
170	2.33	2.55	2.95	2.41	1.54	2.51	3.79	4.70	3.15	4.83	3.92	2.63	1.56	2.45	2.94	2.76	
175	1.62	2.12	2.35	2.13	1.59	2.03	2.69	3.15	2.47	3.21	2.76	2.13	1.61	2.18	2.37	2.19	
180	1.59	1.59	1.58	1.59	1.63	1.63	1.59	1.58	1.63	1.61	1.57	1.59	1.62	1.65	1.61	1.56	

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

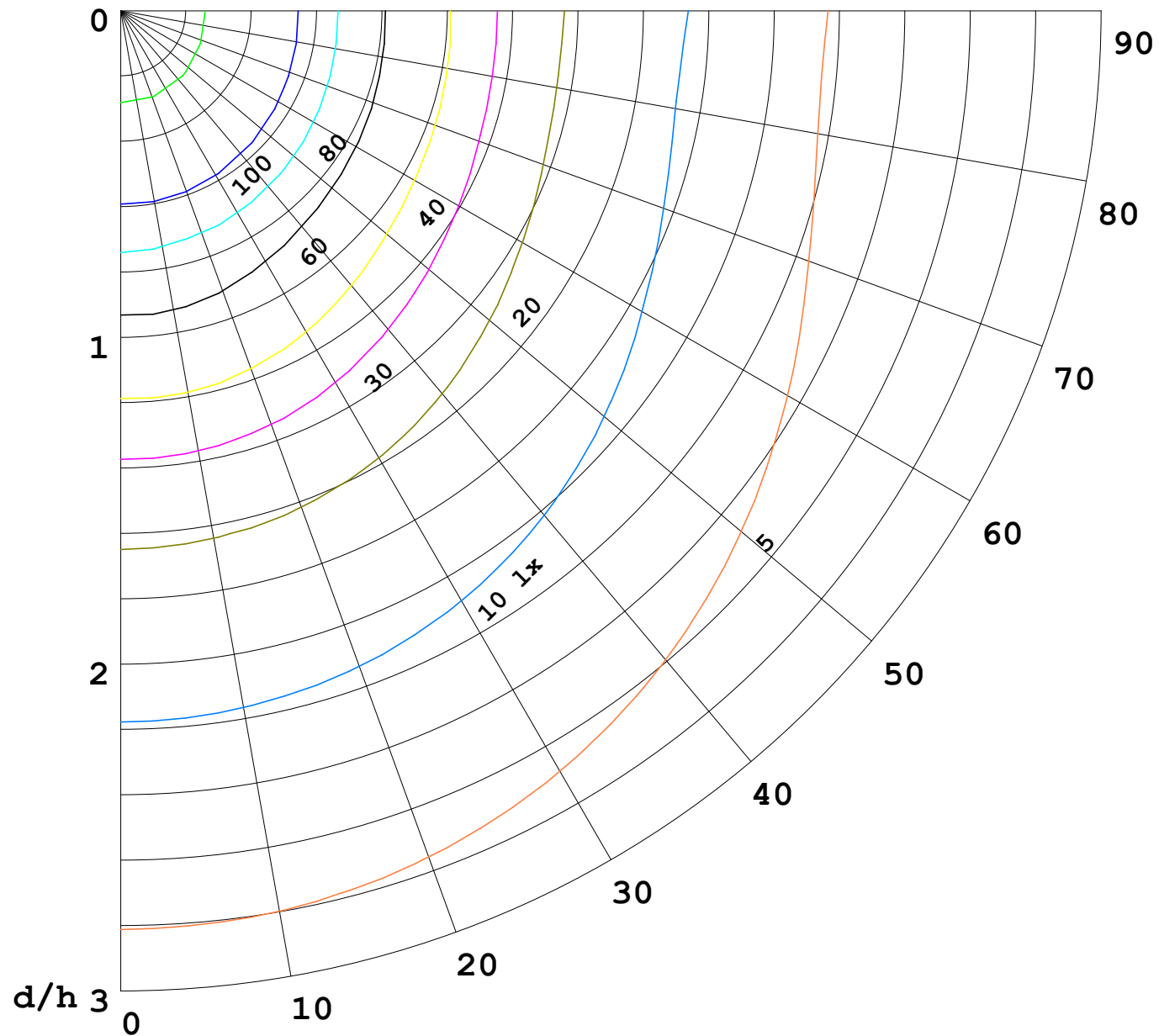
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: WHITE

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

