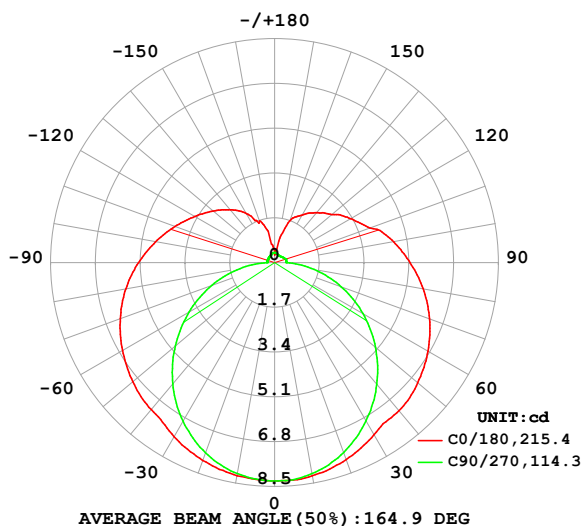


## LUMINAIRE PHOTOMETRIC TEST REPORT

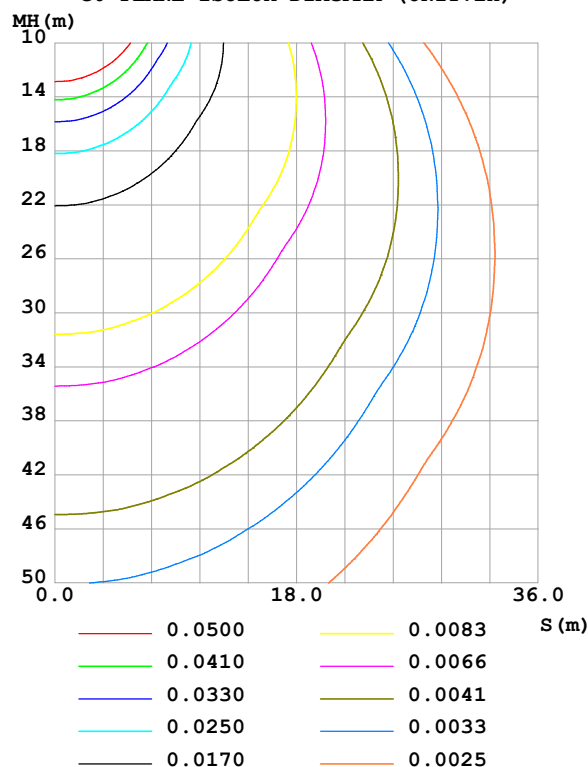
Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.08 lm/W			
MODEL		Imax (cd)	8.292	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	47.352	$\eta$ UP,DN(C0-180)	14.1,35.8
NOMINAL FLUX(lm)	47.3523	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	14.2,35.9
LAMPS INSIDE	1	$\eta$ up (%)	28.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		$\eta$ down (%)	71.7	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:2024-10-07

$\gamma$  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: RED

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	8.220	8.209	8.136	8.165	8.214	8.159	8.133	8.197	0- 10	0.7861	0.7861	1.66,1.66
20	7.957	7.859	7.674	7.817	7.989	7.826	7.684	7.862	10- 20	2.270	3.056	6.45,6.45
30	7.548	7.302	6.943	7.252	7.630	7.289	6.953	7.308	20- 30	3.497	6.553	13.8,13.8
40	7.342	6.588	6.036	6.541	7.284	6.595	6.019	6.605	30- 40	4.358	10.91	23,23
50	7.097	5.978	5.001	5.880	7.030	5.951	4.924	5.968	40- 50	4.878	15.79	33.3,33.3
60	6.727	5.378	3.874	5.226	6.672	5.312	3.747	5.372	50- 60	5.044	20.83	44,44
70	6.257	4.719	2.701	4.537	6.233	4.648	2.533	4.709	60- 70	4.866	25.70	54.3,54.3
80	5.723	4.109	1.522	3.943	5.733	4.041	1.340	4.072	70- 80	4.434	30.13	63.6,63.6
90	5.148	3.592	0.4455	3.413	5.167	3.507	0.2833	3.513	80- 90	3.835	33.97	71.7,71.7
100	4.591	3.161	0.4451	3.009	4.596	3.077	0.2977	3.115	90-100	3.291	37.26	78.7,78.7
110	3.861	2.505	0.4422	2.692	4.024	2.742	0.2977	2.012	100-110	2.761	40.02	84.5,84.5
120	3.341	2.231	0.3816	2.470	3.507	2.496	0.2977	2.081	110-120	2.267	42.29	89.3,89.3
130	2.848	1.807	0.3498	2.248	3.048	2.268	0.3006	1.807	120-130	1.834	44.12	93.2,93.2
140	2.478	1.402	0.3237	1.975	2.621	1.982	0.3121	1.547	130-140	1.399	45.52	96.1,96.1
150	2.088	1.182	0.3121	1.718	2.153	1.719	0.3267	1.236	140-150	0.9533	46.47	98.1,98.1
160	1.684	0.8438	0.3324	1.352	1.680	1.352	0.3584	0.8731	150-160	0.5648	47.04	99.3,99.3
170	0.5373	0.6879	0.3613	0.9200	0.7245	0.9182	0.3873	0.6741	160-170	0.2585	47.30	99.9,99.9
180	0.3840	0.3872	0.3902	0.3891	0.4042	0.3785	0.3873	0.3949	170-180	0.0566	47.35	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13.306 lm

%lum = 28.1%

%lamp = 28.1%

Conical surface Flux(130deg): 23.304 lm

%lum = 49.2%

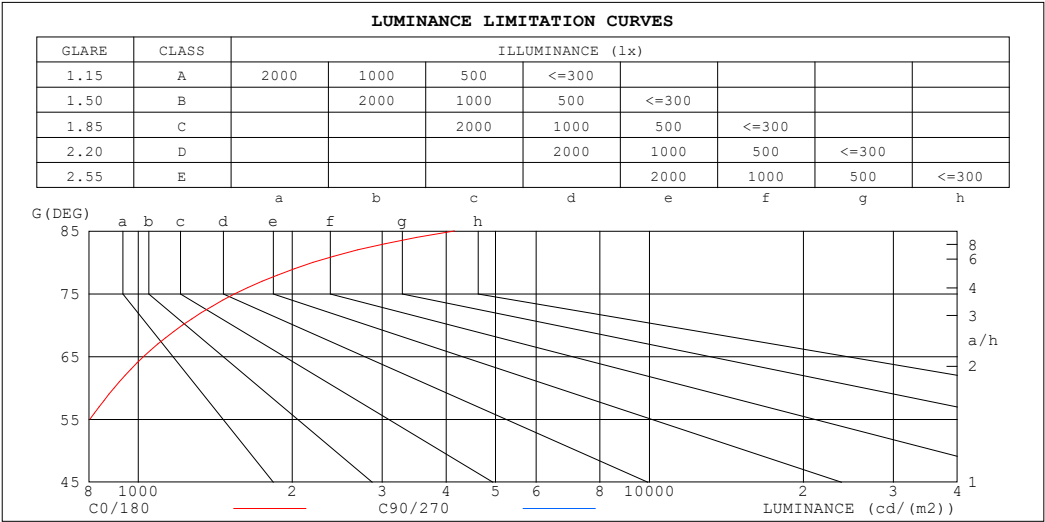
%lamp = 49.2%

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: RED

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz		
Lamp Flux:47.3523x1 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	4153	710
80	2196	583
75	1544	543
70	1219	526
65	1025	519
60	897	516
55	804	516
50	736	518
45	684	521

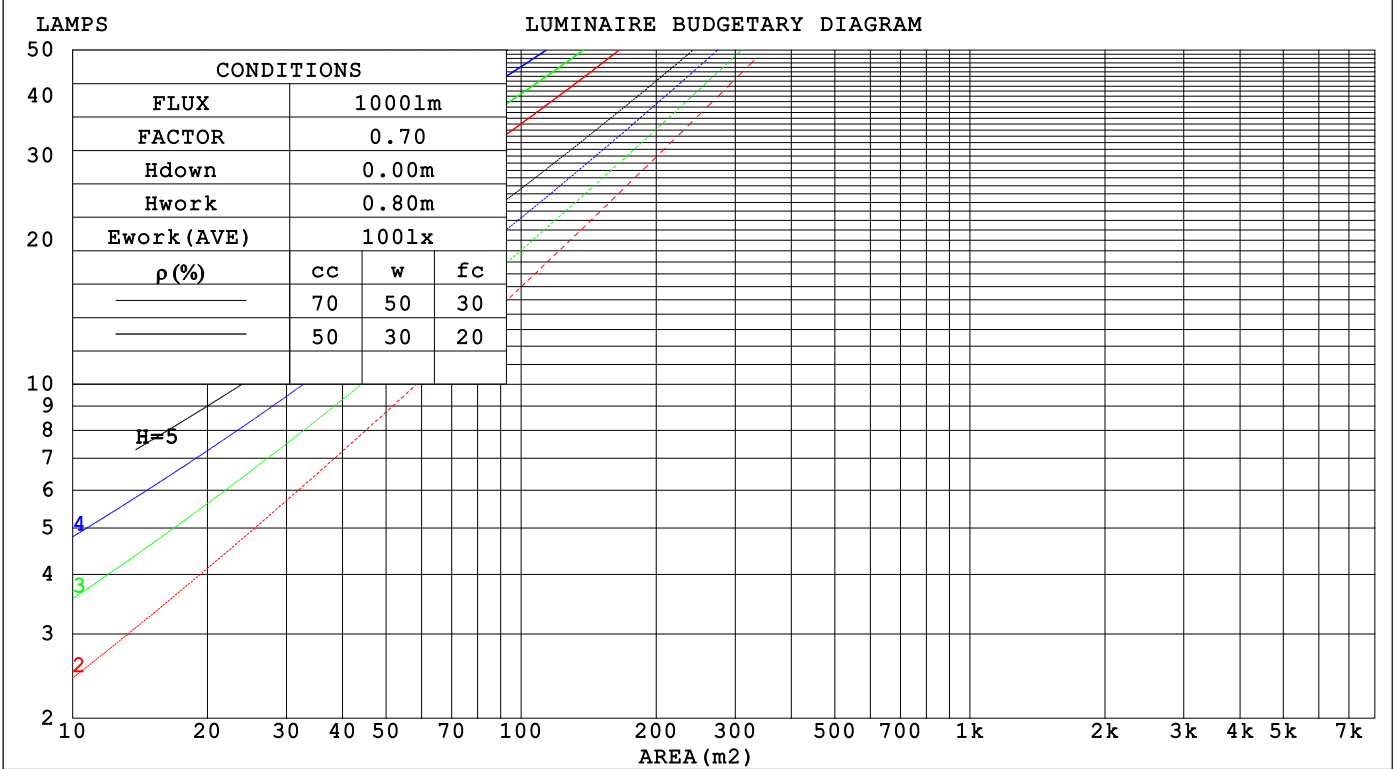
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-07

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: RED

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz		
Lamp Flux:47.3523x1 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			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	.72
1.0	.93	.87	.82	.88	.83	.78	.78	.74	.71	.69	.66	.64	.61	.59	.57	.53
2.0	.79	.71	.65	.75	.68	.62	.67	.61	.56	.59	.54	.50	.52	.48	.45	.41
3.0	.68	.59	.52	.65	.57	.50	.58	.51	.46	.51	.46	.41	.45	.41	.37	.33
4.0	.60	.51	.43	.57	.48	.42	.51	.44	.38	.45	.39	.34	.40	.35	.31	.28
5.0	.53	.44	.37	.50	.42	.35	.45	.38	.32	.40	.34	.29	.35	.30	.27	.24
6.0	.48	.38	.32	.45	.37	.30	.40	.33	.28	.36	.30	.25	.32	.27	.23	.20
7.0	.43	.34	.28	.41	.32	.26	.37	.29	.24	.33	.27	.22	.29	.24	.20	.18
8.0	.39	.30	.24	.37	.29	.23	.33	.26	.22	.30	.24	.20	.27	.22	.18	.16
9.0	.35	.27	.22	.34	.26	.21	.30	.24	.19	.27	.22	.18	.25	.20	.16	.14
10.0	.33	.25	.19	.31	.24	.19	.28	.22	.17	.25	.20	.16	.23	.18	.15	.13



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: RED

## WEC AND CCEC

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 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	.214	.068	.346	.199	.063	.319	.184	.059	.294	.170	.055															
2.0	.335	.184	.056	.321	.177	.054	.294	.163	.051	.269	.151	.047	.246	.139	.044															
3.0	.296	.157	.047	.283	.151	.046	.258	.140	.043	.236	.129	.040	.215	.119	.037															
4.0	.265	.138	.041	.253	.133	.039	.231	.123	.037	.210	.113	.034	.191	.104	.032															
5.0	.241	.123	.036	.230	.118	.034	.209	.109	.032	.190	.100	.030	.173	.092	.028															
6.0	.220	.110	.032	.210	.106	.031	.192	.098	.029	.174	.090	.027	.158	.083	.025															
7.0	.203	.100	.028	.194	.096	.028	.176	.089	.026	.160	.082	.024	.145	.075	.022															
8.0	.188	.092	.026	.180	.088	.025	.164	.082	.023	.149	.075	.022	.135	.069	.020															
9.0	.175	.085	.024	.167	.082	.023	.153	.075	.021	.139	.070	.020	.126	.064	.018															
10.0	.164	.078	.022	.156	.076	.021	.143	.070	.020	.130	.065	.018	.118	.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	.406	.406	.406	.347	.347	.347	.237	.237	.237	.136	.136	.136	.043	.043	.043	
1.0	.403	.373	.345	.345	.320	.297	.236	.220	.205	.136	.127	.119	.043	.041	.039	
2.0	.397	.350	.311	.340	.302	.269	.233	.209	.188	.134	.121	.110	.043	.039	.036	
3.0	.389	.334	.290	.334	.288	.252	.229	.200	.177	.132	.117	.104	.043	.038	.034	
4.0	.382	.322	.277	.327	.278	.240	.225	.194	.169	.130	.114	.100	.042	.037	.033	
5.0	.374	.313	.267	.321	.270	.232	.221	.189	.164	.128	.111	.097	.041	.036	.032	
6.0	.367	.305	.260	.315	.264	.227	.217	.185	.160	.126	.109	.095	.041	.036	.031	
7.0	.360	.298	.255	.309	.259	.223	.214	.181	.158	.124	.107	.094	.040	.035	.031	
8.0	.353	.293	.252	.304	.254	.219	.210	.178	.156	.122	.105	.093	.040	.034	.031	
9.0	.347	.288	.249	.299	.250	.217	.207	.176	.154	.121	.104	.092	.039	.034	.030	
10.0	.341	.284	.246	.294	.247	.215	.204	.174	.153	.119	.103	.091	.039	.034	.030	

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: RED

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 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		21.4	22.7	22.0	23.3	24.1	18.9	20.2	19.6	20.8	21.6
3H		24.4	25.5	25.0	26.2	27.0	20.7	21.9	21.4	22.6	23.4
4H		26.0	27.1	26.7	27.8	28.6	21.6	22.7	22.3	23.4	24.2
6H		27.8	28.9	28.5	29.6	30.4	22.4	23.4	23.1	24.2	25.0
8H		28.9	29.9	29.6	30.6	31.4	22.8	23.8	23.5	24.5	25.3
12H		30.0	31.0	30.7	31.7	32.6	23.1	24.0	23.8	24.8	25.6
4H 2H		22.0	23.1	22.6	23.8	24.6	20.2	21.3	20.9	22.0	22.8
3H		25.2	26.1	25.9	26.9	27.7	22.2	23.2	23.0	23.9	24.8
4H		27.0	27.9	27.8	28.6	29.5	23.3	24.1	24.0	24.9	25.8
6H		29.1	29.9	29.8	30.6	31.6	24.2	25.0	25.0	25.8	26.7
8H		30.2	30.9	31.0	31.7	32.7	24.6	25.4	25.4	26.2	27.1
12H		31.5	32.2	32.3	33.0	34.0	25.1	25.7	25.8	26.5	27.5
8H 4H		27.4	28.1	28.1	28.9	29.8	24.5	25.2	25.2	26.0	26.9
6H		29.7	30.4	30.5	31.2	32.2	25.8	26.4	26.6	27.2	28.2
8H		31.1	31.7	31.9	32.5	33.5	26.4	27.0	27.2	27.8	28.8
12H		32.7	33.2	33.5	34.0	35.0	27.0	27.5	27.8	28.3	29.4
12H 4H		27.4	28.1	28.2	28.9	29.8	24.9	25.6	25.7	26.4	27.3
6H		29.9	30.4	30.7	31.2	32.3	26.4	27.0	27.2	27.8	28.8
8H		31.3	31.8	32.2	32.7	33.7	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, 47.35 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -10.6)  
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: RED

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

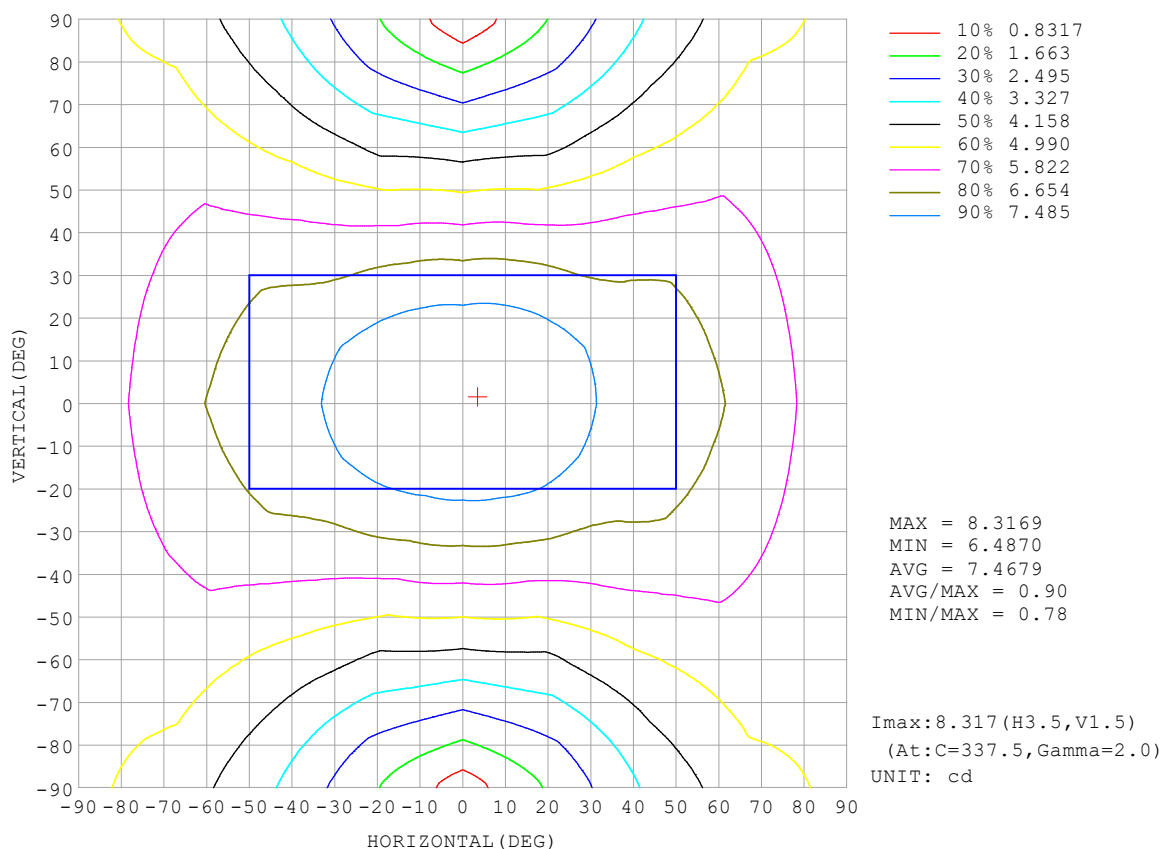
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	25	43	31	24	40	30	24	17
0.80	53	40	32	51	39	31	48	37	30	22
1.00	61	47	39	58	46	38	54	46	36	27
1.25	68	54	46	65	53	44	59	49	42	31
1.50	73	60	51	69	58	50	63	54	47	35
2.00	80	68	60	76	66	58	69	61	54	40
2.50	85	74	66	81	71	63	73	65	59	44
3.00	89	79	71	84	75	68	76	69	63	47
4.00	93	85	78	89	81	75	80	74	69	51
5.00	97	89	83	92	85	79	82	77	73	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: RED

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



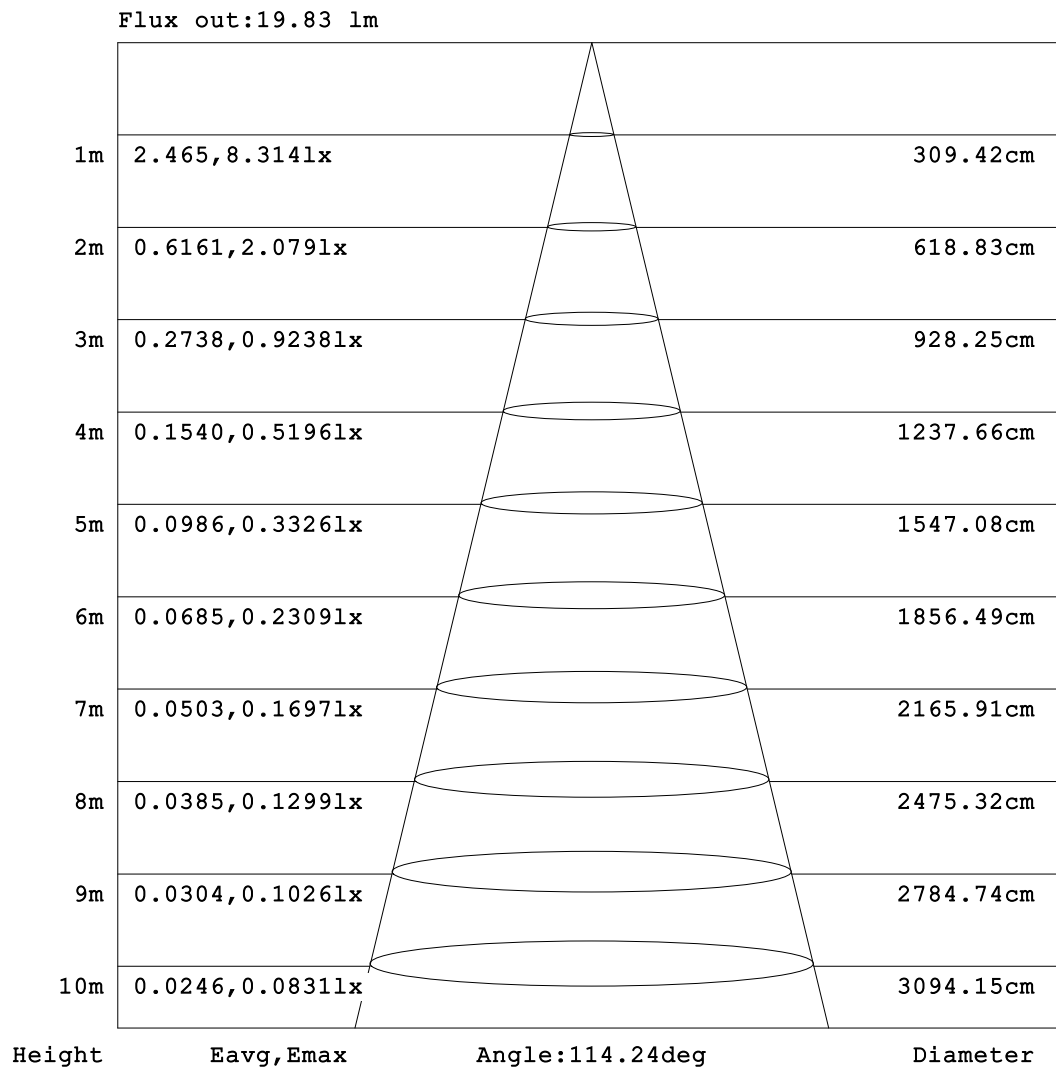
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-07

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: RED



## AAI Figure

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



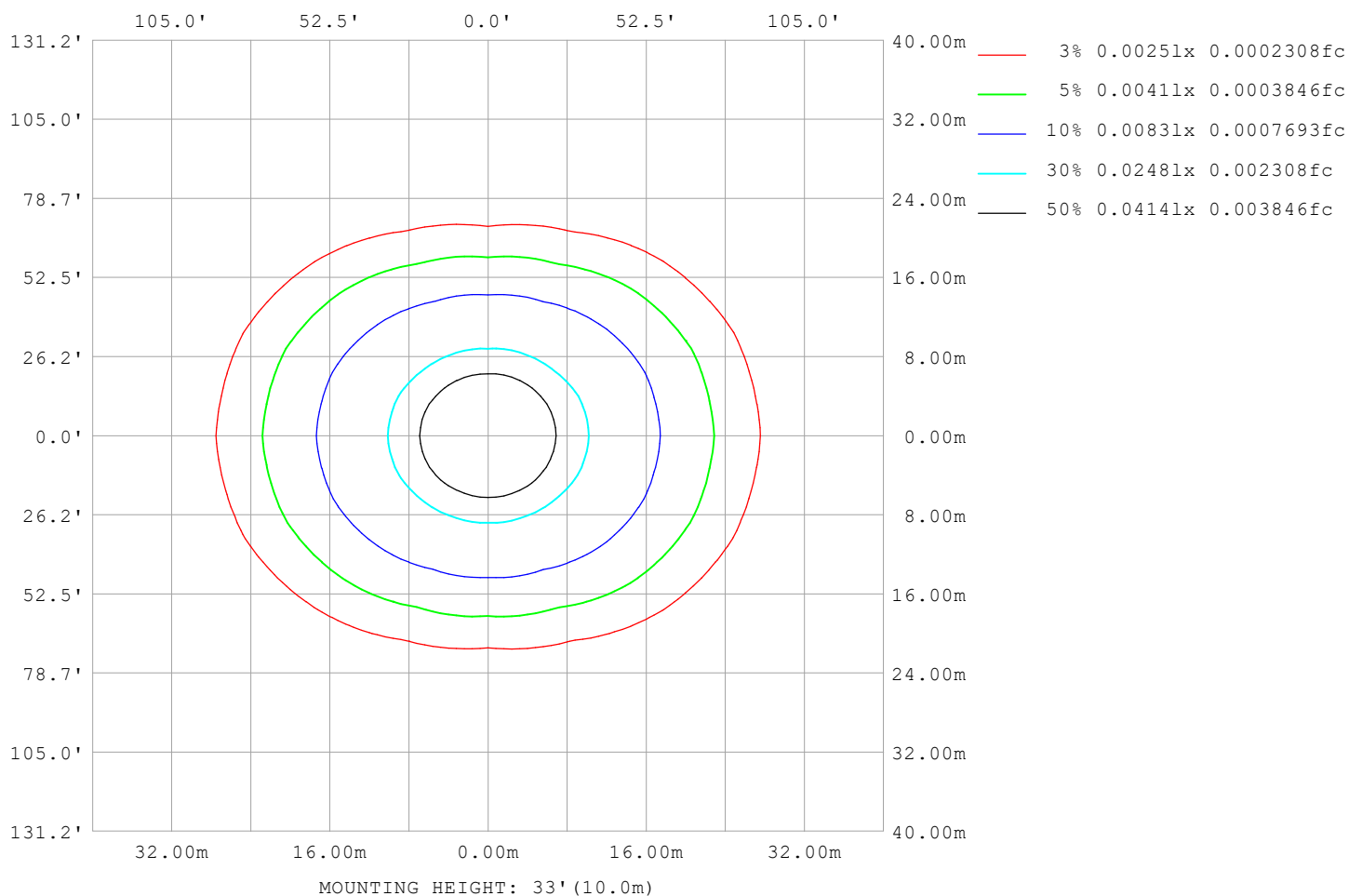
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: RED

## ISOLUX DIAGRAM

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 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: RED

## LED Avg.L Report

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 lm		
NAME: SF21-24V-5050-60-RGBW(3000)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

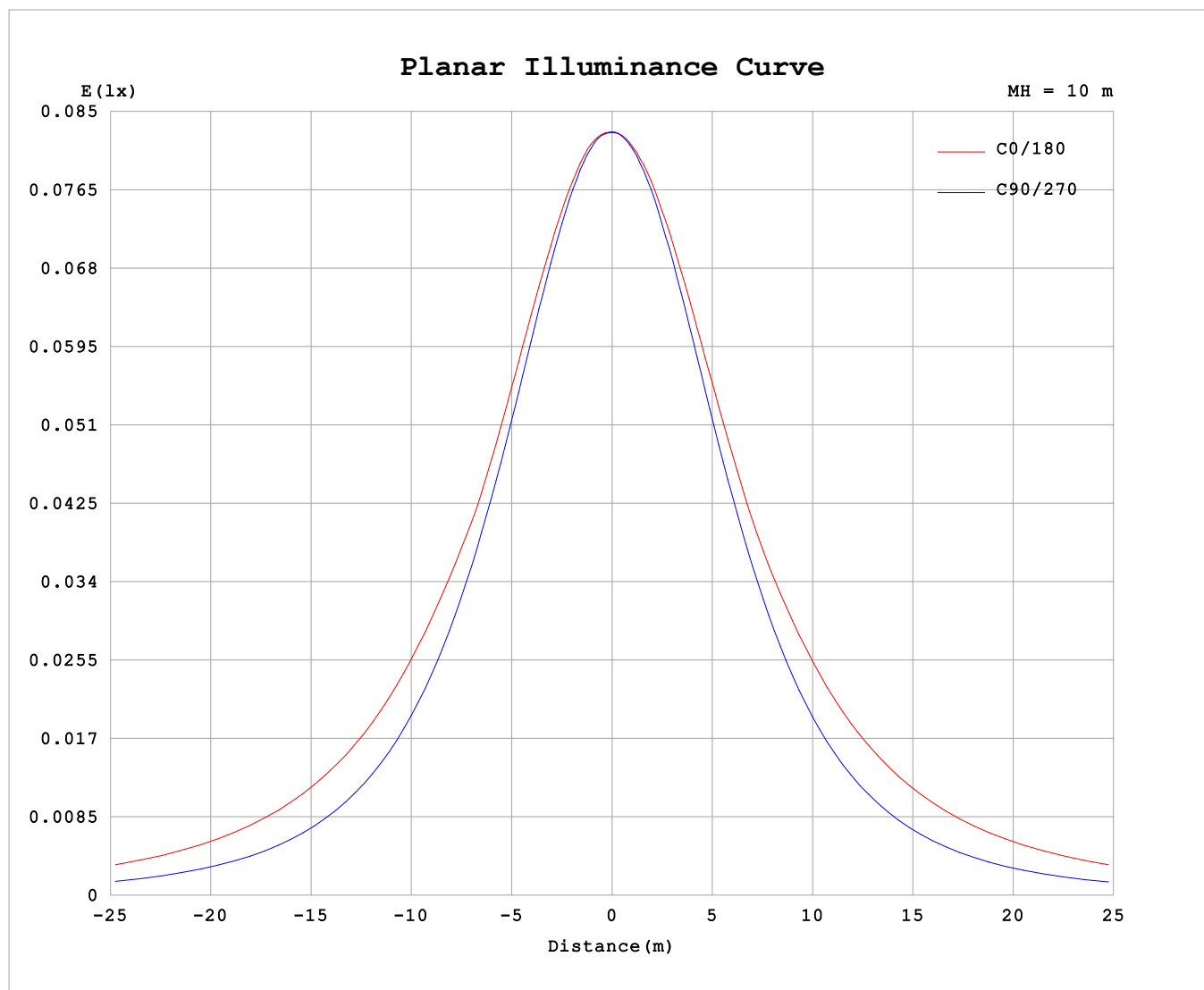
AvgL	cd/m2
L_0~180 (65) av	1022
L_0~180 (75) av	1544
L_0~180 (85) av	4165
L_90~270 (65) av	507
L_90~270 (75) av	523
L_90~270 (85) av	641
L_45 (65) av	787
L_45 (75) av	1119
L_45 (85) av	2878

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: RED

## 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: RED

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1633A P:3.919W PF:1.000 Freq:0Hz Lamp Flux:47.3523x1 lm																	
NAME: SF21-24V-5050-60-RGBW(3000)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

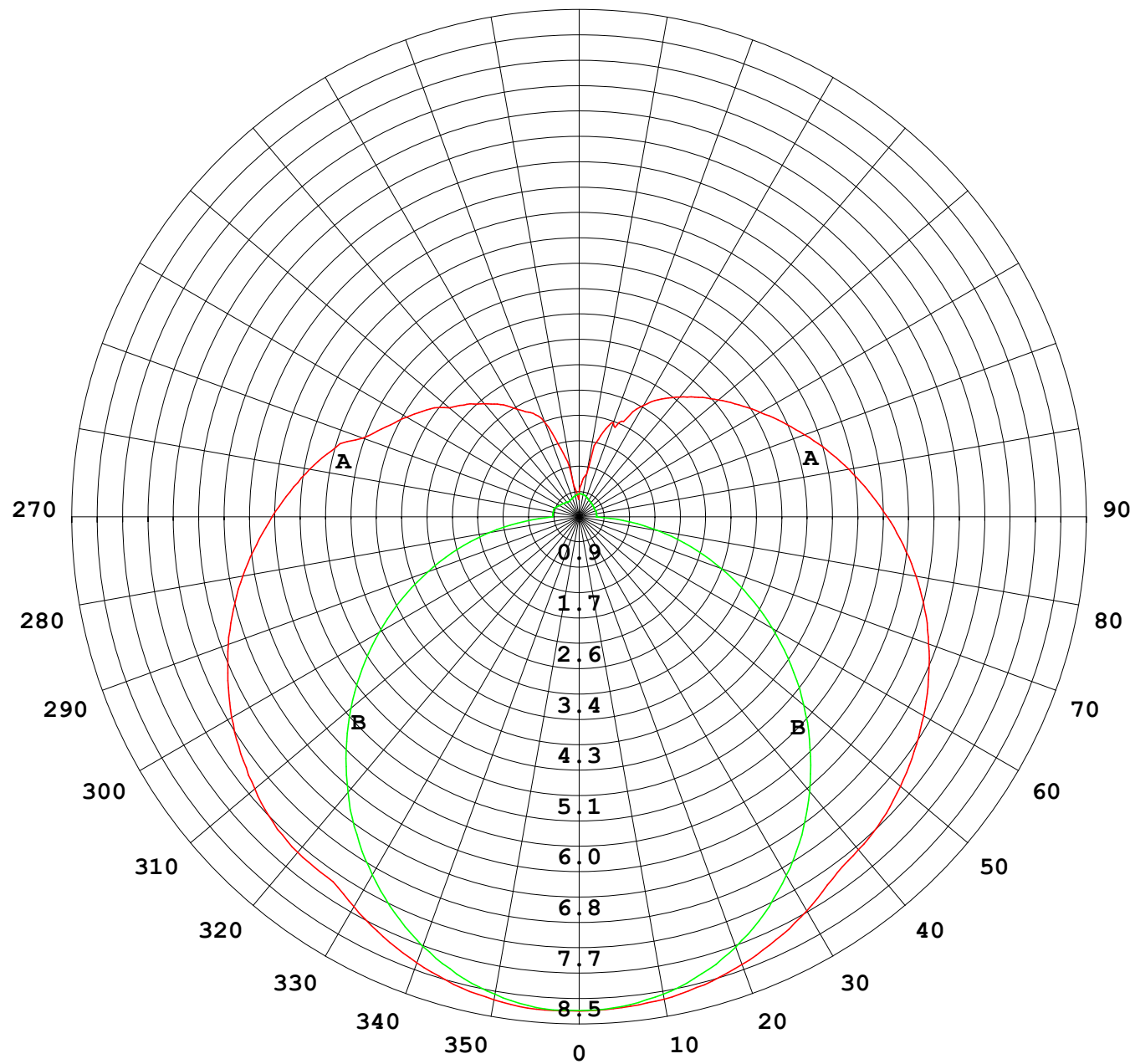
UNIT: cd

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	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28	8.28			
5	8.29	8.27	8.29	8.25	8.27	8.23	8.25	8.25	8.26	8.27	8.25	8.27	8.25	8.28	8.26	8.29				
10	8.22	8.21	8.21	8.15	8.14	8.10	8.17	8.18	8.21	8.21	8.16	8.16	8.13	8.19	8.20	8.25				
15	8.12	8.09	8.06	7.97	7.95	7.93	8.03	8.07	8.12	8.12	8.02	7.98	7.94	8.02	8.06	8.13				
20	7.96	7.91	7.86	7.73	7.67	7.67	7.82	7.92	7.99	7.96	7.83	7.74	7.68	7.78	7.86	7.97				
25	7.77	7.71	7.60	7.41	7.33	7.36	7.55	7.72	7.82	7.77	7.59	7.43	7.35	7.47	7.61	7.75				
30	7.55	7.47	7.30	7.05	6.94	6.99	7.25	7.50	7.63	7.54	7.29	7.08	6.95	7.10	7.31	7.52				
35	7.37	7.20	6.96	6.65	6.51	6.59	6.91	7.24	7.41	7.29	6.96	6.66	6.52	6.69	6.97	7.25				
40	7.34	7.07	6.59	6.19	6.04	6.13	6.54	7.02	7.28	7.08	6.60	6.21	6.02	6.23	6.60	7.10				
45	7.25	6.95	6.21	5.72	5.53	5.66	6.16	6.88	7.18	6.96	6.23	5.72	5.48	5.74	6.21	6.99				
50	7.10	6.79	5.98	5.22	5.00	5.17	5.88	6.69	7.03	6.77	5.95	5.21	4.92	5.23	5.97	6.83				
55	6.92	6.57	5.70	4.70	4.44	4.66	5.56	6.46	6.85	6.55	5.65	4.68	4.34	4.69	5.70	6.61				
60	6.73	6.33	5.38	4.19	3.87	4.15	5.23	6.21	6.67	6.32	5.31	4.15	3.75	4.16	5.37	6.39				
65	6.50	6.09	5.05	3.75	3.29	3.71	4.88	5.97	6.46	6.07	4.99	3.72	3.14	3.70	5.04	6.14				
70	6.26	5.83	4.72	3.32	2.70	3.28	4.54	5.73	6.23	5.83	4.65	3.28	2.53	3.28	4.71	5.88				
75	6.00	5.56	4.41	2.88	2.11	2.84	4.23	5.48	5.99	5.57	4.35	2.85	1.95	2.84	4.39	5.61				
80	5.72	5.29	4.11	2.49	1.52	2.44	3.94	5.21	5.73	5.31	4.04	2.47	1.34	2.45	4.07	5.33				
85	5.43	5.02	3.83	2.17	0.93	2.10	3.67	4.93	5.46	5.02	3.77	2.14	0.75	2.11	3.78	5.04				
90	5.15	4.73	3.59	1.91	0.45	1.85	3.41	4.65	5.17	4.74	3.51	1.89	0.28	1.84	3.51	4.77				
95	4.86	4.47	3.37	1.76	0.45	1.69	3.20	4.38	4.88	4.47	3.28	1.74	0.30	1.63	3.31	4.50				
100	4.59	4.21	3.16	1.40	0.45	1.61	3.01	4.12	4.60	4.20	3.08	1.64	0.30	1.25	3.11	4.25				
105	4.29	3.91	2.74	1.25	0.45	1.57	2.84	3.87	4.31	3.95	2.90	1.62	0.30	1.03	2.72	3.95				
110	3.86	3.47	2.51	1.32	0.44	1.56	2.69	3.63	4.02	3.69	2.74	1.61	0.30	1.12	2.01	3.55				
115	3.57	3.22	2.33	1.31	0.41	1.54	2.58	3.40	3.76	3.47	2.61	1.60	0.29	1.27	2.09	3.19				
120	3.34	3.00	2.23	1.19	0.38	1.51	2.47	3.20	3.51	3.24	2.50	1.58	0.30	1.34	2.08	2.64				
125	3.13	2.82	2.08	1.14	0.37	1.44	2.36	2.99	3.27	3.04	2.38	1.52	0.30	1.31	1.96	2.54				
130	2.85	2.68	1.81	1.13	0.35	1.41	2.25	2.81	3.05	2.85	2.27	1.47	0.30	1.23	1.81	2.48				
135	2.67	2.51	1.66	1.06	0.33	1.39	2.13	2.62	2.83	2.66	2.15	1.45	0.31	1.15	1.68	2.32				
140	2.48	2.31	1.40	0.95	0.32	1.30	1.97	2.43	2.62	2.47	1.98	1.37	0.31	1.05	1.55	2.17				
145	2.30	1.83	1.27	0.83	0.31	1.20	1.83	2.24	2.41	2.27	1.83	1.26	0.32	0.94	1.39	1.91				
150	2.09	1.44	1.18	0.73	0.31	1.11	1.72	2.00	2.15	2.03	1.72	1.21	0.33	0.81	1.24	1.68				
155	1.93	1.26	1.00	0.69	0.32	0.96	1.55	1.82	1.77	1.86	1.56	1.05	0.34	0.73	1.06	1.40				
160	1.68	1.02	0.84	0.66	0.33	0.84	1.35	1.62	1.68	1.66	1.35	0.91	0.36	0.69	0.87	1.13				
165	1.17	0.73	0.79	0.61	0.35	0.71	1.18	1.35	1.41	1.39	1.19	0.78	0.38	0.64	0.79	0.85				
170	0.54	0.57	0.69	0.55	0.36	0.59	0.92	1.12	0.72	1.16	0.92	0.64	0.39	0.58	0.67	0.65				
175	0.38	0.48	0.55	0.49	0.38	0.48	0.66	0.76	0.59	0.80	0.65	0.52	0.39	0.52	0.54	0.52				
180	0.38	0.39	0.39	0.38	0.39	0.39	0.39	0.39	0.40	0.40	0.38	0.38	0.39	0.41	0.39	0.38				

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

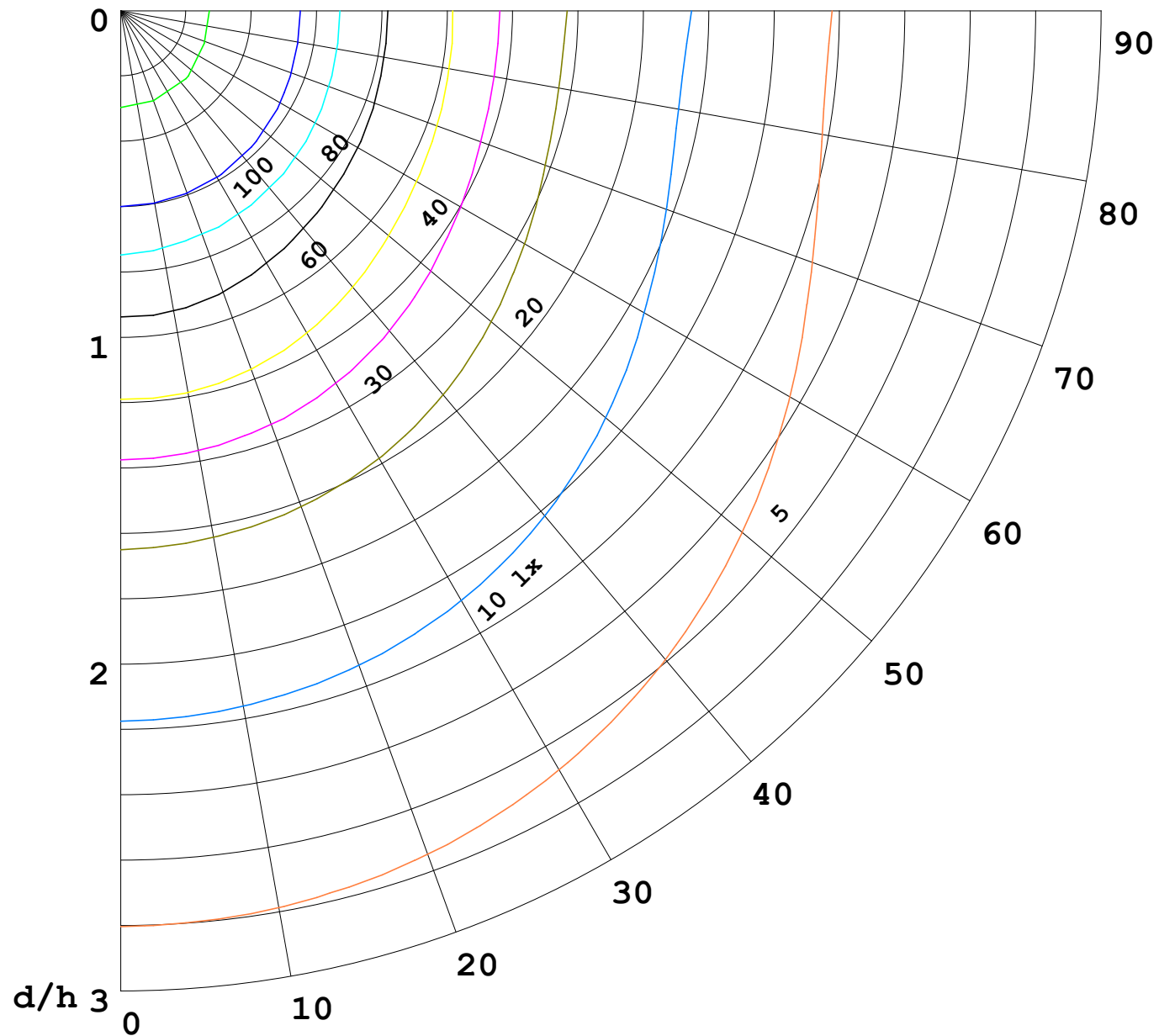
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: RED

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

