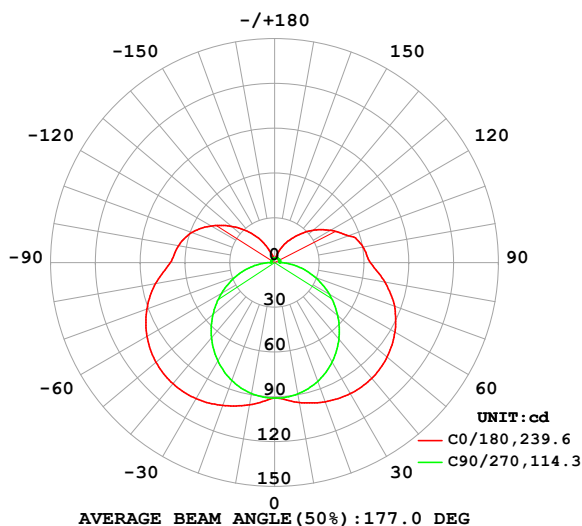


## LUMINAIRE PHOTOMETRIC TEST REPORT

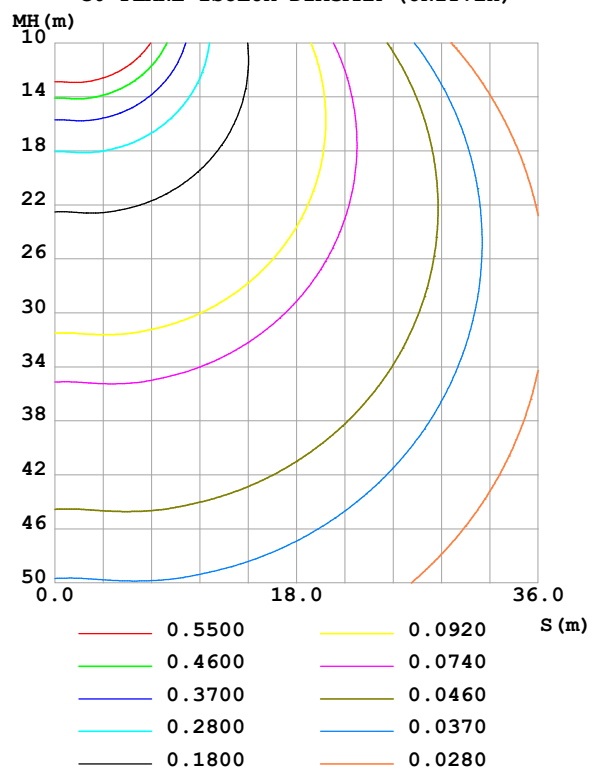
Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 35.35 lm/W			
MODEL		I <sub>max</sub> (cd)	106.1	S/MH(C0/180)	1.74
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	607.83	η UP,DN(C0-180)	12.8,37.2
NOMINAL FLUX(lm)	607.83	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.7,37.2
LAMPS INSIDE	1	η up (%)	25.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	74.4	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:2024-10-12

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: ALL

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	95.24	92.88	89.39	94.39	96.72	94.10	89.09	92.50	0- 10	8.803	8.803	1.45,1.45
20	99.22	94.01	84.70	96.10	101.8	95.65	84.06	93.28	10- 20	26.55	35.36	5.82,5.82
30	101.4	92.83	77.07	95.48	105.3	94.83	76.15	91.75	20- 30	43.13	78.49	12.9,12.9
40	101.3	89.32	67.03	92.49	106.0	91.78	65.87	87.97	30- 40	56.76	135.3	22.3,22.3
50	98.46	83.63	55.24	86.94	103.8	86.25	53.91	82.20	40- 50	65.98	201.2	33.1,33.1
60	93.08	75.80	42.33	79.06	98.74	78.63	41.06	74.58	50- 60	69.94	271.2	44.6,44.6
70	85.61	66.24	29.04	69.24	91.10	69.29	27.97	65.04	60- 70	68.46	339.6	55.9,55.9
80	74.96	55.39	15.87	57.89	80.96	58.40	14.96	54.29	70- 80	61.80	401.4	66,66
90	64.17	44.15	3.366	46.85	69.92	47.47	2.730	43.39	80- 90	51.07	452.5	74.4,74.4
100	60.25	41.16	3.439	43.92	65.45	44.42	2.574	36.76	90-100	43.41	495.9	81.6,81.6
110	52.63	32.57	3.630	38.64	59.11	38.87	2.621	31.76	100-110	37.34	533.3	87.7,87.7
120	43.42	26.26	3.642	31.03	49.24	31.09	2.754	24.57	110-120	29.48	562.7	92.6,92.6
130	33.87	18.23	3.625	23.20	37.96	23.13	2.861	16.99	120-130	20.87	583.6	96,96
140	23.98	12.05	3.538	15.17	26.81	15.14	2.994	11.41	130-140	13.09	596.7	98.2,98.2
150	15.33	7.192	3.455	8.206	15.83	8.232	3.089	6.639	140-150	6.856	603.6	99.3,99.3
160	7.546	3.884	3.315	3.498	6.759	3.557	3.211	3.748	150-160	2.902	606.5	99.8,99.8
170	3.323	3.317	3.225	3.362	3.271	3.374	3.315	3.432	160-170	1.044	607.5	99.9,99.9
180	3.337	3.392	3.332	3.443	3.343	3.409	3.347	3.446	170-180	0.3210	607.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 167.41 lm

%lum = 27.5%

%lamp = 27.5%

Conical surface Flux(130deg): 305.92 lm

%lum = 50.3%

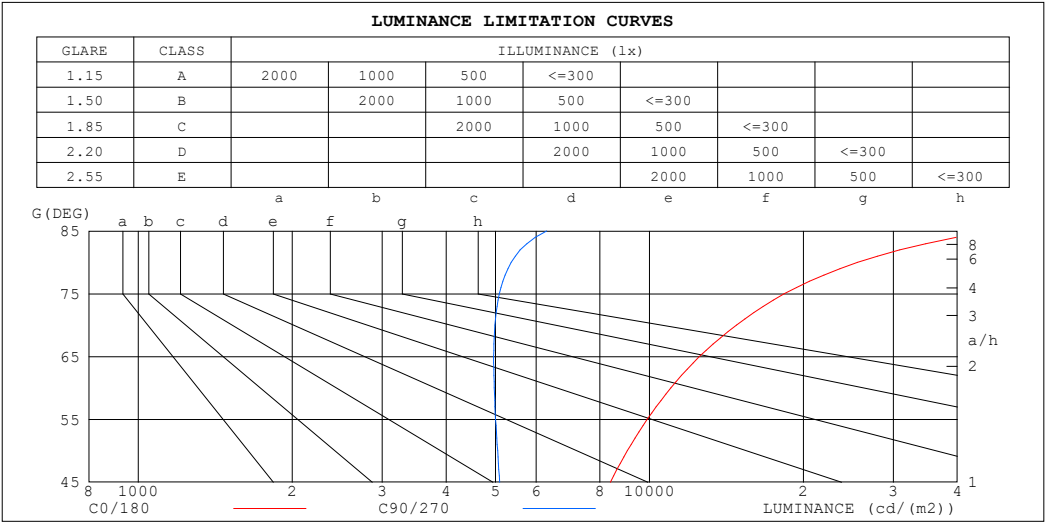
%lamp = 50.3%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Cloud  
 Test Date:2024-10-12

$\gamma$  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: ALL

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



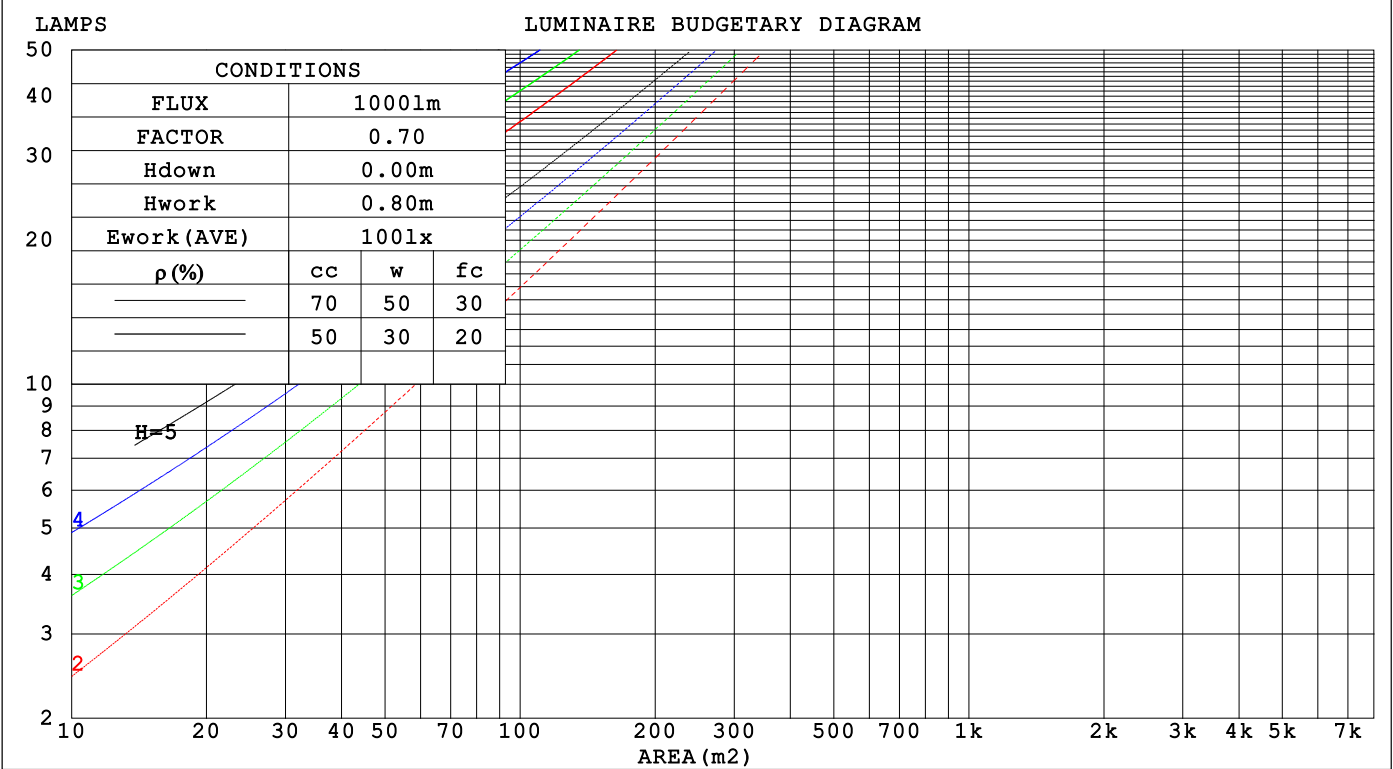
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	46932	6293
80	25520	5363
75	18356	5087
70	14798	4983
65	12528	4956
60	11005	4969
55	9901	5001
50	9055	5044
45	8380	5089

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:2024-10-12	Remarks: ALL

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz		
Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.79	.79	.79	.74
1.0	.93	.87	.82	.88	.83	.79	.79	.75	.71	.71	.68	.65	.63	.61	.58	.54
2.0	.79	.71	.64	.75	.67	.61	.67	.61	.56	.60	.55	.51	.53	.49	.46	.42
3.0	.68	.59	.51	.64	.56	.49	.58	.51	.45	.51	.46	.41	.46	.41	.37	.34
4.0	.59	.50	.42	.56	.48	.41	.51	.43	.37	.45	.39	.34	.40	.35	.31	.28
5.0	.53	.43	.36	.50	.41	.34	.45	.37	.32	.40	.34	.29	.36	.30	.26	.23
6.0	.47	.37	.31	.44	.36	.29	.40	.33	.27	.36	.30	.25	.32	.27	.23	.20
7.0	.42	.33	.27	.40	.32	.26	.36	.29	.24	.33	.26	.22	.29	.24	.20	.17
8.0	.38	.29	.23	.36	.28	.22	.33	.26	.21	.30	.24	.19	.27	.21	.18	.15
9.0	.35	.26	.21	.33	.25	.20	.30	.23	.18	.27	.21	.17	.24	.19	.16	.14
10.0	.32	.24	.18	.30	.23	.18	.28	.21	.17	.25	.19	.15	.23	.18	.14	.12



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: ALL

## WEC AND CCEC

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm					
NAME: SF18-24V-5050-72-RGBW(4000K)-80			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	.402	.229	.072	.387	.221	.070	.359	.206	.066	.333	.192	.062	.309	.179	.058															
2.0	.344	.188	.058	.330	.182	.056	.304	.169	.053	.281	.157	.049	.259	.146	.046															
3.0	.303	.161	.048	.291	.156	.047	.267	.145	.044	.246	.135	.041	.226	.125	.039															
4.0	.271	.141	.041	.260	.136	.040	.239	.127	.038	.219	.118	.036	.201	.109	.033															
5.0	.246	.125	.036	.236	.121	.035	.216	.113	.033	.198	.105	.031	.181	.097	.029															
6.0	.224	.113	.032	.215	.109	.031	.197	.101	.029	.181	.094	.028	.165	.087	.026															
7.0	.207	.102	.029	.198	.099	.028	.182	.092	.026	.167	.085	.025	.152	.079	.023															
8.0	.191	.093	.026	.183	.090	.026	.168	.084	.024	.154	.078	.023	.141	.072	.021															
9.0	.178	.086	.024	.171	.083	.023	.157	.078	.022	.144	.072	.021	.131	.067	.019															
10.0	.166	.080	.022	.160	.077	.021	.147	.072	.020	.135	.067	.019	.123	.062	.018															

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	.385	.385	.385	.329	.329	.329	.225	.225	.225	.129	.129	.129	.041	.041	.041	
1.0	.383	.352	.323	.328	.302	.278	.224	.208	.192	.129	.120	.112	.041	.039	.036	
2.0	.377	.329	.289	.323	.283	.250	.221	.196	.174	.128	.114	.102	.041	.037	.033	
3.0	.370	.313	.268	.317	.270	.233	.217	.188	.163	.126	.110	.096	.040	.036	.032	
4.0	.362	.301	.255	.311	.260	.221	.214	.181	.156	.124	.106	.092	.040	.035	.030	
5.0	.354	.291	.245	.304	.252	.213	.210	.176	.151	.121	.103	.089	.039	.034	.029	
6.0	.347	.284	.238	.298	.246	.208	.206	.172	.147	.119	.101	.087	.038	.033	.029	
7.0	.340	.277	.233	.292	.240	.203	.202	.168	.144	.117	.099	.086	.038	.033	.028	
8.0	.333	.272	.230	.287	.236	.200	.198	.166	.142	.115	.098	.085	.037	.032	.028	
9.0	.327	.267	.227	.281	.232	.198	.195	.163	.140	.114	.096	.084	.037	.032	.028	
10.0	.321	.263	.225	.277	.228	.196	.192	.161	.139	.112	.095	.083	.036	.031	.028	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: ALL

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm										
NAME: SF18-24V-5050-72-RGBW(4000K)-80					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	21.6	22.9	22.2	23.5	24.3	18.6	19.9	19.2	20.6	21.3
3H	24.5	25.7	25.2	26.4	27.1	20.4	21.6	21.0	22.2	23.0
4H	26.1	27.3	26.8	27.9	28.7	21.2	22.3	21.8	23.0	23.7
6H	27.8	28.9	28.5	29.6	30.4	21.8	22.9	22.5	23.6	24.4
8H	28.8	29.8	29.5	30.5	31.3	22.1	23.2	22.8	23.9	24.7
12H	29.9	30.9	30.6	31.6	32.4	22.4	23.4	23.0	24.1	24.9
4H 2H	22.2	23.3	22.8	24.0	24.8	20.1	21.3	20.8	22.0	22.7
3H	25.3	26.3	26.0	27.0	27.9	22.2	23.2	22.9	23.9	24.7
4H	27.1	28.1	27.8	28.8	29.6	23.2	24.1	23.9	24.8	25.7
6H	29.1	29.9	29.8	30.6	31.5	24.0	24.9	24.8	25.6	26.5
8H	30.1	30.9	30.9	31.7	32.6	24.4	25.2	25.2	25.9	26.8
12H	31.4	32.1	32.1	32.8	33.8	24.7	25.4	25.5	26.2	27.1
8H 4H	27.5	28.3	28.2	29.0	29.9	24.4	25.2	25.2	26.0	26.9
6H	29.7	30.4	30.5	31.2	32.1	25.7	26.4	26.5	27.2	28.1
8H	31.0	31.6	31.8	32.4	33.4	26.3	26.9	27.1	27.7	28.7
12H	32.5	33.0	33.3	33.8	34.8	26.9	27.4	27.7	28.2	29.2
12H 4H	27.5	28.2	28.3	29.0	29.9	24.9	25.6	25.6	26.3	27.3
6H	29.9	30.5	30.7	31.3	32.2	26.4	27.0	27.2	27.8	28.7
8H	31.3	31.8	32.1	32.6	33.6	27.2	27.7	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 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.5				

CIE Pub.117, 607.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.7)  
Area: 0.017 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: ALL

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

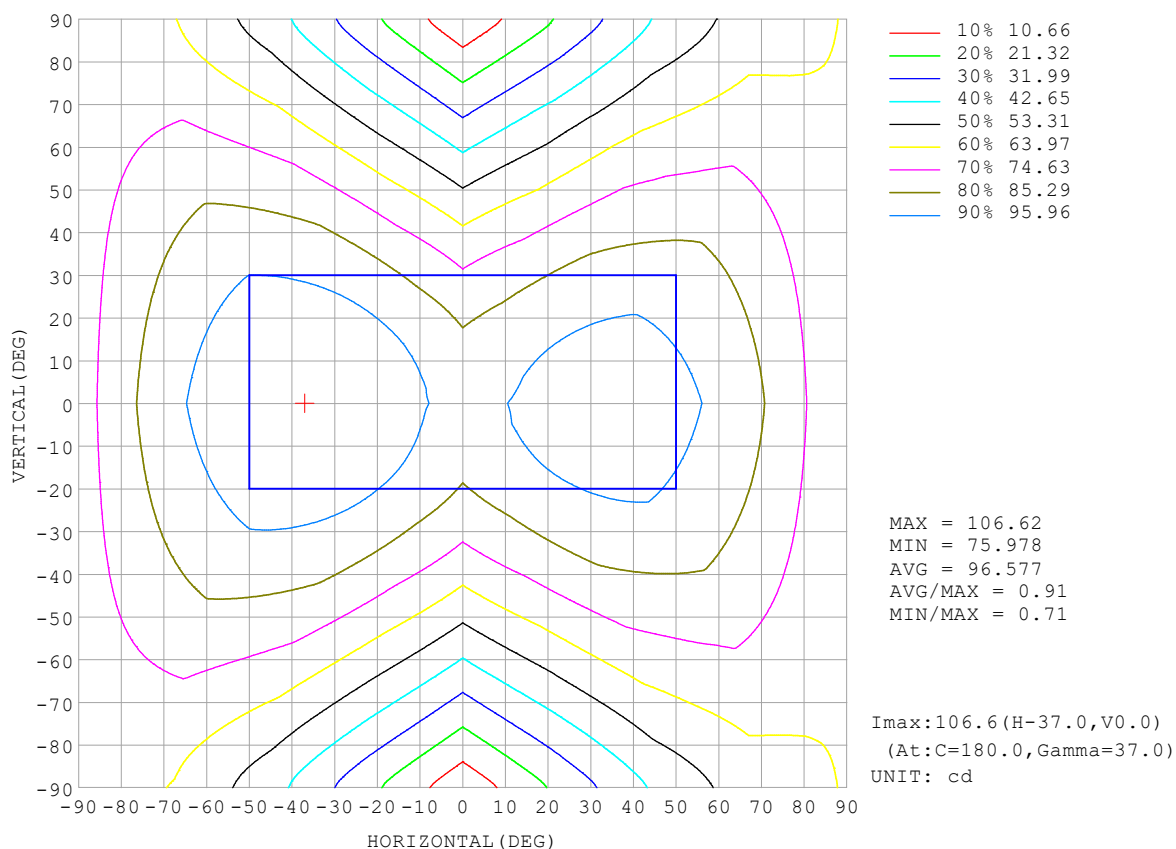
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	31	24	42	30	23	40	29	23	16
0.80	53	39	31	51	38	30	48	37	29	21
1.00	60	47	38	58	45	37	54	46	36	26
1.25	67	54	45	65	52	44	60	49	42	31
1.50	73	60	50	69	58	49	64	54	47	35
2.00	80	68	59	76	66	58	70	61	54	41
2.50	85	74	65	81	71	63	74	65	59	45
3.00	89	79	71	84	75	68	77	69	63	48
4.00	94	85	78	89	81	75	81	75	69	53
5.00	97	89	83	92	85	80	83	78	73	56
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: 2024-10-12

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: ALL

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



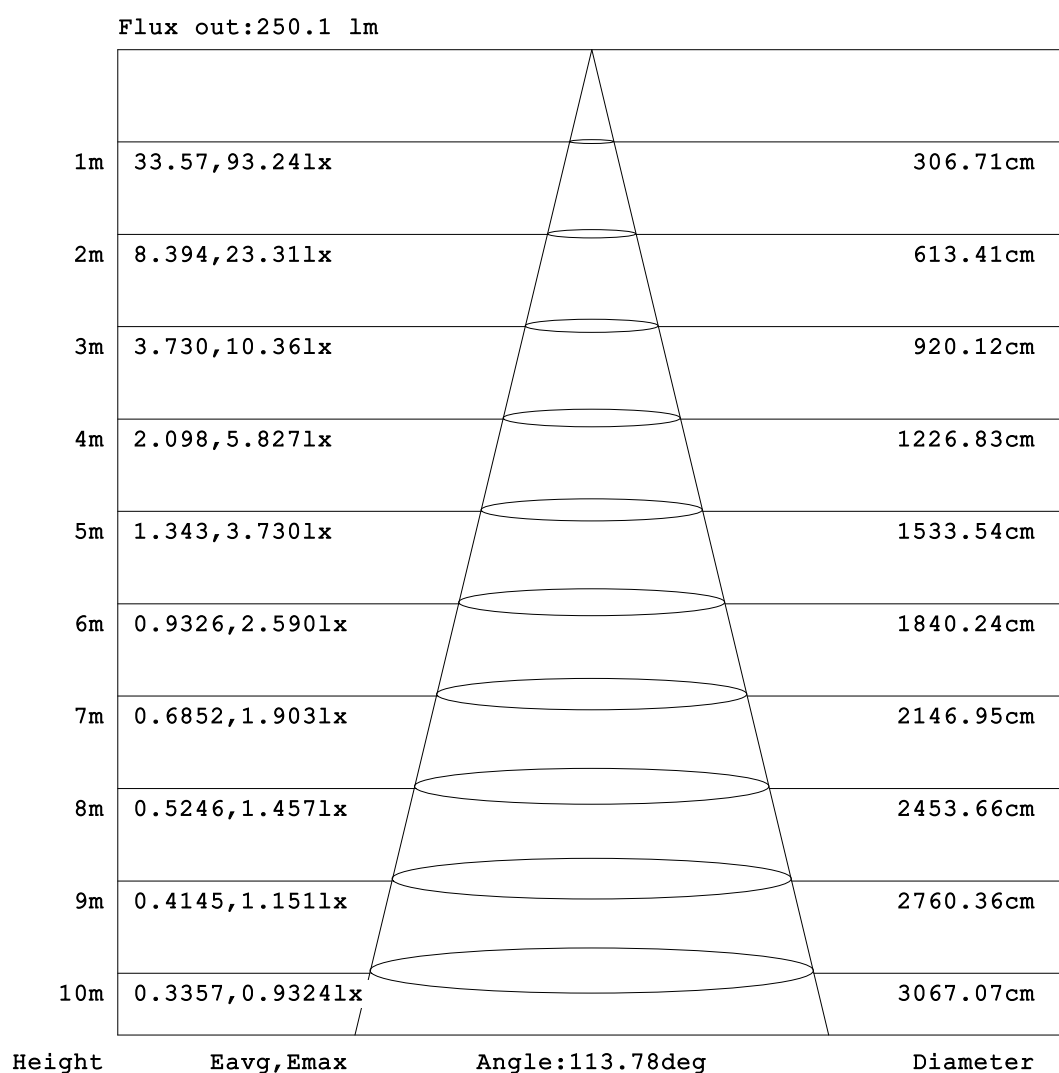
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: ALL



## AAI Figure

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



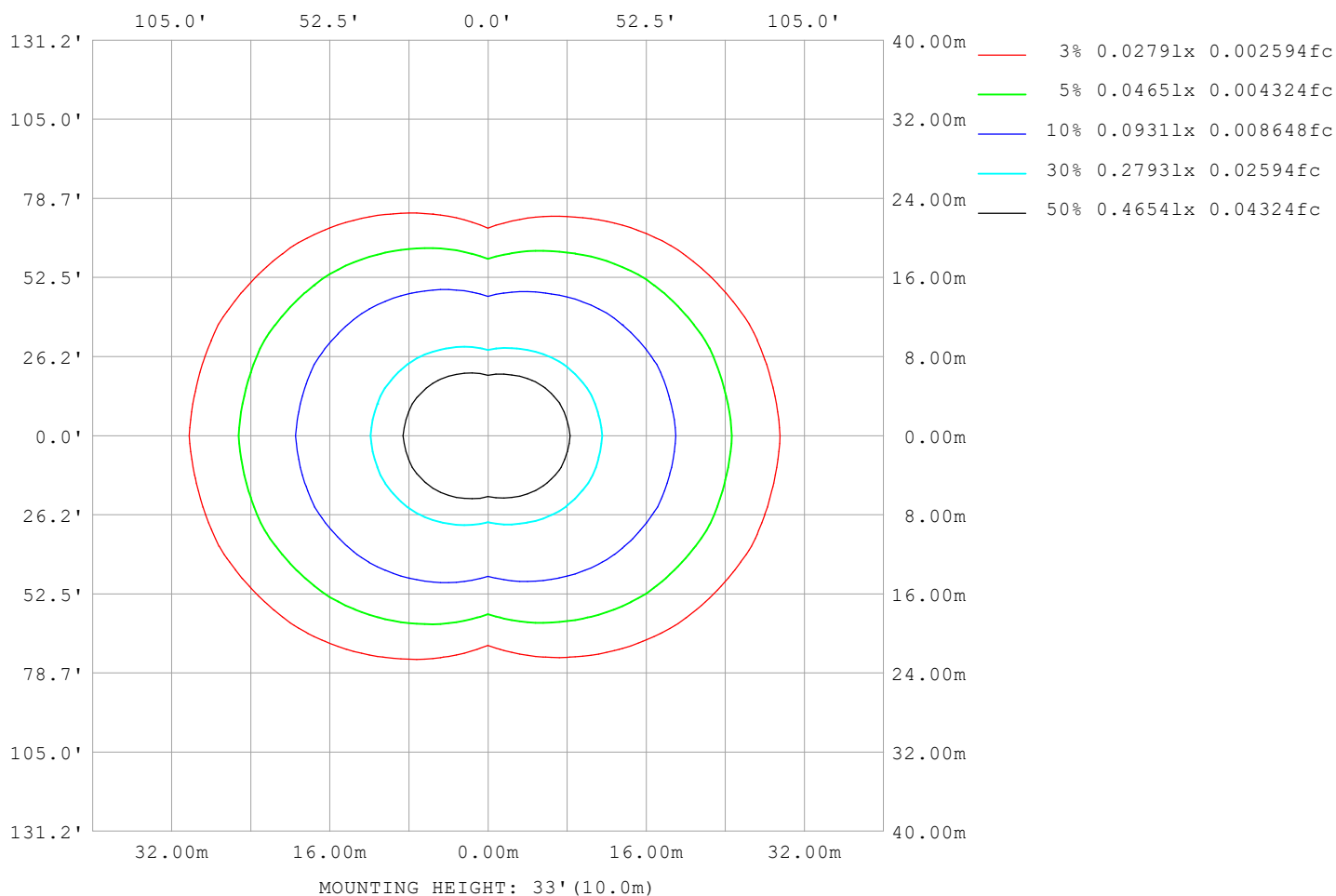
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: ALL

## ISOLUX DIAGRAM

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	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: 2024-10-12

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: ALL

## LED Avg.L Report

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

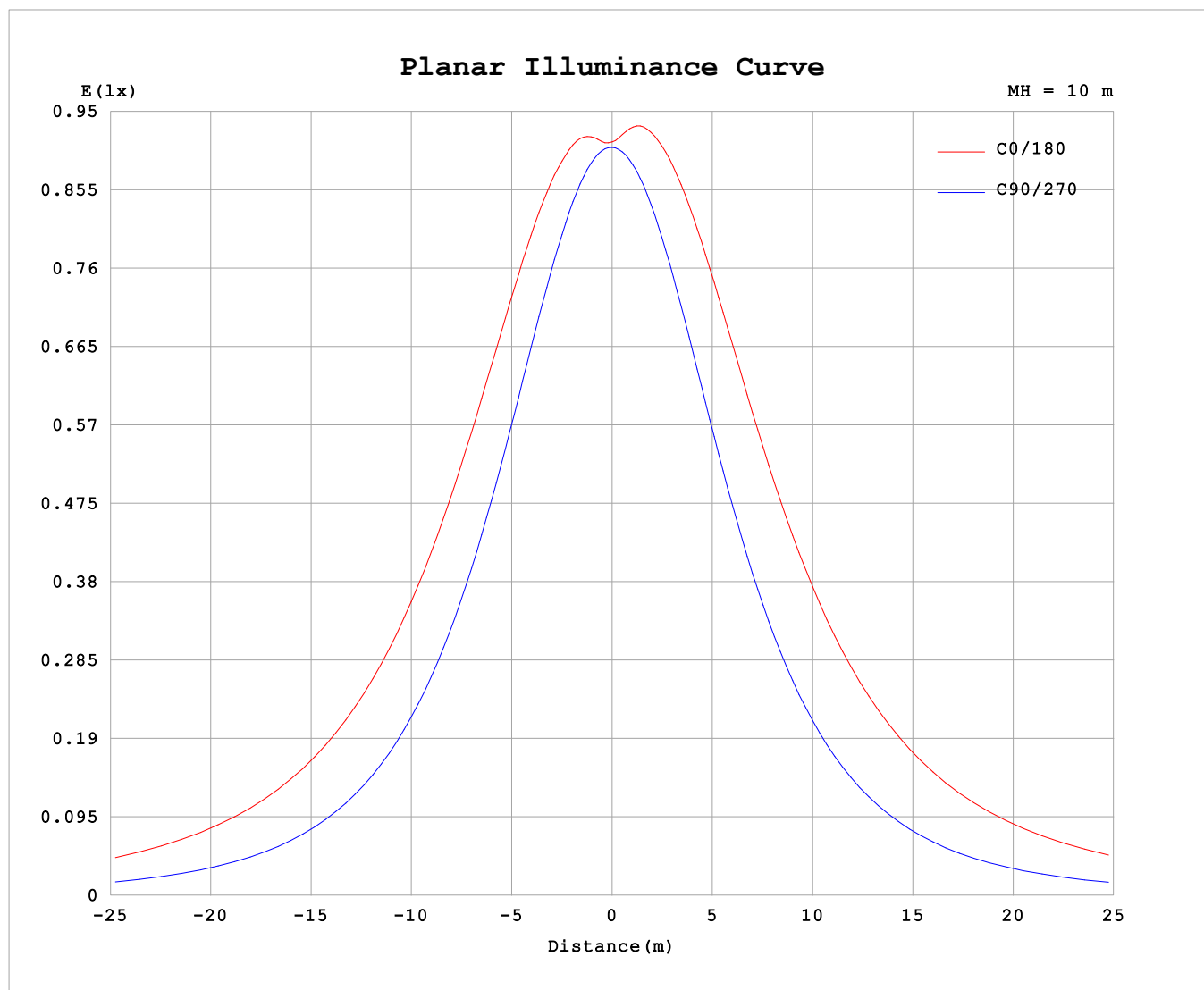
AvgL	cd/m2
L_0~180 (65) av	12861
L_0~180 (75) av	18941
L_0~180 (85) av	48682
L_90~270 (65) av	4886
L_90~270 (75) av	4990
L_90~270 (85) av	6041
L_45 (65) av	10088
L_45 (75) av	14118
L_45 (85) av	34135

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: ALL

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-12

$\gamma$  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: ALL

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz Lamp Flux:607.83x1 lm																		
NAME: SF18-24V-5050-72-RGBW(4000K)-80										TYPE:					WEIGHT:			
SPEC.:										DIM.: Length=1m					SERIAL No.:			
MFR.:										SUR.:					Shielding Angle:			

Table--1

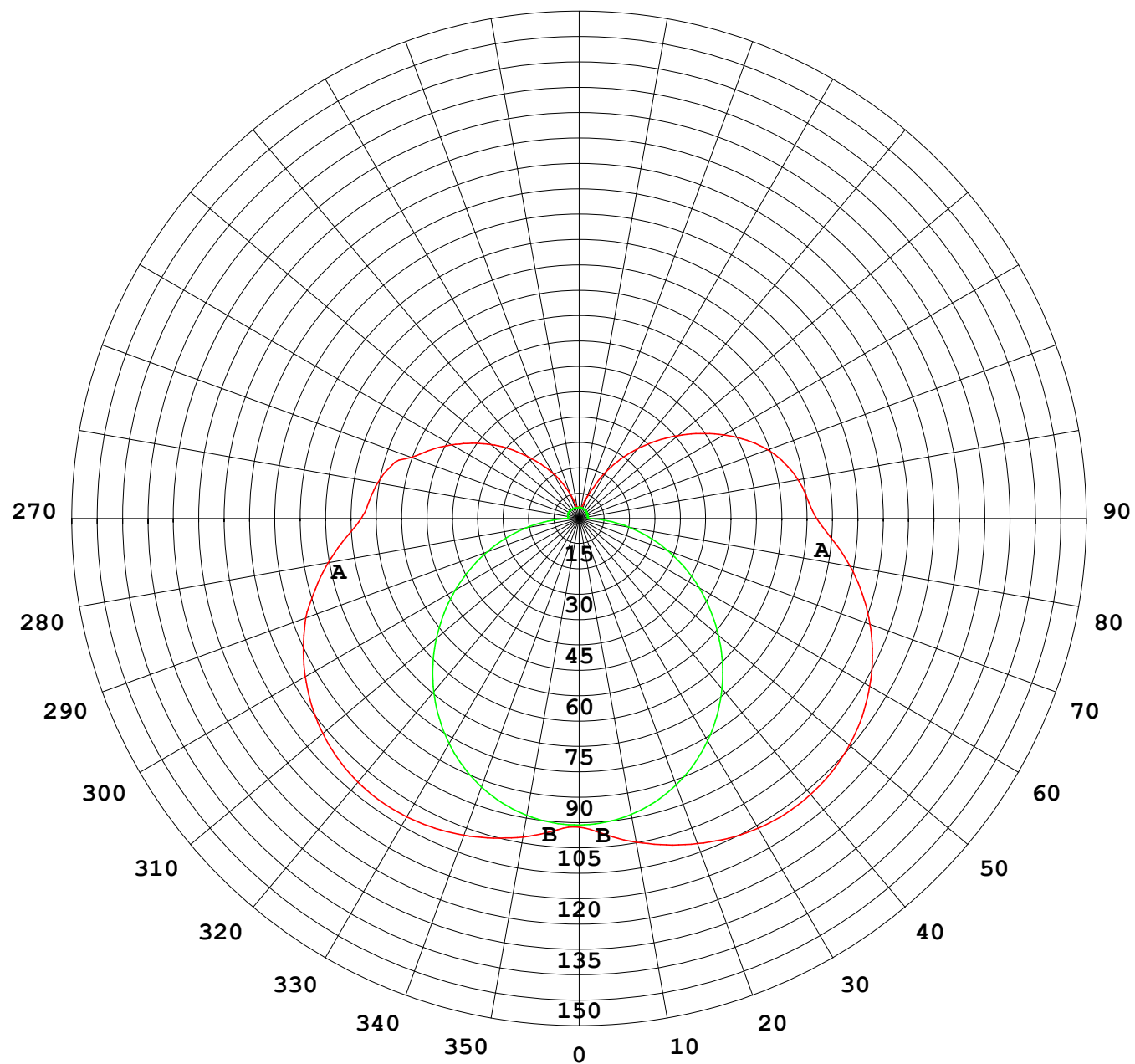
UNIT: cd

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	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8		
5	92.4	92.1	91.3	90.5	90.5	91.4	92.5	93.3	93.5	93.2	92.3	91.2	90.4	90.4	91.1	92.0		
10	95.2	94.7	92.9	90.3	89.4	91.6	94.4	96.2	96.7	96.0	94.1	91.4	89.1	89.9	92.5	94.4		
15	97.4	96.5	93.9	89.8	87.4	91.3	95.5	98.5	99.5	98.3	95.2	90.9	87.0	89.2	93.3	96.1		
20	99.2	98.0	94.0	88.7	84.7	90.2	96.1	100	102	100	95.7	89.6	84.1	87.8	93.3	97.5		
25	101	98.9	93.8	86.8	81.2	88.3	96.1	102	104	102	95.5	87.6	80.5	85.7	92.8	98.3		
30	101	99.3	92.8	84.1	77.1	85.7	95.5	103	105	102	94.8	84.9	76.1	82.8	91.8	98.6		
35	102	99.1	91.3	80.8	72.3	82.6	94.3	103	106	103	93.6	81.7	71.3	79.3	90.1	98.4		
40	101	98.4	89.3	77.1	67.0	78.9	92.5	103	106	102	91.8	77.9	65.9	75.4	88.0	97.5		
45	100	96.9	86.7	72.9	61.3	74.7	90.0	101	105	101	89.3	73.6	60.0	71.1	85.3	96.1		
50	98.5	94.8	83.6	68.3	55.2	70.1	86.9	99.4	104	99.0	86.2	69.1	53.9	66.3	82.2	94.0		
55	96.1	92.0	80.0	63.4	48.9	65.2	83.3	96.7	102	96.5	82.7	64.2	47.6	61.4	78.5	91.3		
60	93.1	88.7	75.8	58.2	42.3	59.9	79.1	93.4	98.7	93.3	78.6	59.0	41.1	56.3	74.6	88.2		
65	89.6	84.8	71.3	52.8	35.7	54.4	74.4	89.5	95.2	89.5	74.1	53.6	34.5	51.0	70.2	84.4		
70	85.6	80.6	66.2	47.1	29.0	48.6	69.2	85.0	91.1	85.2	69.3	47.9	28.0	45.5	65.0	79.9		
75	80.4	75.7	60.9	41.3	22.4	42.6	63.7	80.0	86.3	80.4	64.0	42.1	21.5	39.5	59.8	75.1		
80	75.0	70.1	55.4	35.3	15.9	36.4	57.9	74.4	81.0	75.0	58.4	36.1	15.0	33.6	54.3	69.7		
85	69.2	64.1	49.6	29.3	9.34	30.0	51.8	68.5	75.1	69.1	52.5	30.0	8.56	27.6	48.4	64.0		
90	64.2	58.9	44.1	23.9	3.37	24.7	46.8	63.5	69.9	64.1	47.5	24.9	2.73	22.5	43.4	58.9		
95	61.9	56.8	42.5	23.1	3.35	23.9	45.3	61.4	67.4	61.9	45.9	24.0	2.60	19.9	41.9	56.8		
100	60.3	55.3	41.2	19.0	3.44	22.7	43.9	59.5	65.4	60.0	44.4	22.6	2.57	15.1	36.8	55.3		
105	57.8	52.4	36.3	16.1	3.54	20.5	41.8	56.9	62.7	57.4	42.1	20.3	2.58	13.3	33.1	47.2		
110	52.6	47.0	32.6	14.6	3.63	18.2	38.6	53.5	59.1	53.9	38.9	17.9	2.62	12.6	31.8	45.4		
115	48.0	42.9	29.1	13.2	3.64	15.8	34.9	49.1	54.5	49.4	35.0	15.5	2.70	11.9	27.0	41.6		
120	43.4	38.7	26.3	11.2	3.64	13.4	31.0	44.1	49.2	44.4	31.1	13.1	2.75	10.6	24.6	37.1		
125	38.6	34.4	22.2	9.72	3.64	10.8	27.1	39.0	43.6	39.2	27.1	10.4	2.80	8.72	21.0	31.5		
130	33.9	30.2	18.2	8.12	3.62	8.64	23.2	33.9	38.0	33.9	23.1	8.23	2.86	7.02	17.0	28.5		
135	29.0	26.0	15.3	6.63	3.58	6.71	19.3	28.7	32.4	28.8	19.2	6.38	2.93	5.59	14.1	24.2		
140	24.0	20.9	12.1	5.37	3.54	5.06	15.2	23.6	26.8	23.6	15.1	4.80	2.99	4.50	11.4	19.9		
145	19.4	15.5	9.39	4.35	3.48	3.75	11.4	18.6	21.3	18.6	11.3	3.55	3.05	3.68	8.82	15.0		
150	15.3	11.3	7.19	3.56	3.46	3.41	8.21	13.5	15.8	13.5	8.23	3.16	3.09	3.21	6.64	11.3		
155	11.3	8.02	5.24	3.34	3.41	3.34	5.47	9.33	10.1	9.39	5.59	3.16	3.14	3.20	4.96	7.83		
160	7.55	5.44	3.88	3.27	3.32	3.27	3.50	5.85	6.76	5.93	3.56	3.20	3.21	3.23	3.75	5.32		
165	4.43	3.71	3.30	3.23	3.25	3.26	3.32	3.46	3.84	3.47	3.33	3.25	3.27	3.28	3.40	3.71		
170	3.32	3.32	3.32	3.28	3.23	3.30	3.36	3.42	3.27	3.35	3.37	3.29	3.32	3.32	3.43	3.47		
175	3.32	3.43	3.36	3.34	3.29	3.36	3.41	3.46	3.32	3.38	3.40	3.32	3.34	3.36	3.44	3.48		
180	3.34	3.43	3.39	3.36	3.33	3.38	3.44	3.49	3.34	3.41	3.41	3.34	3.35	3.38	3.45	3.49		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

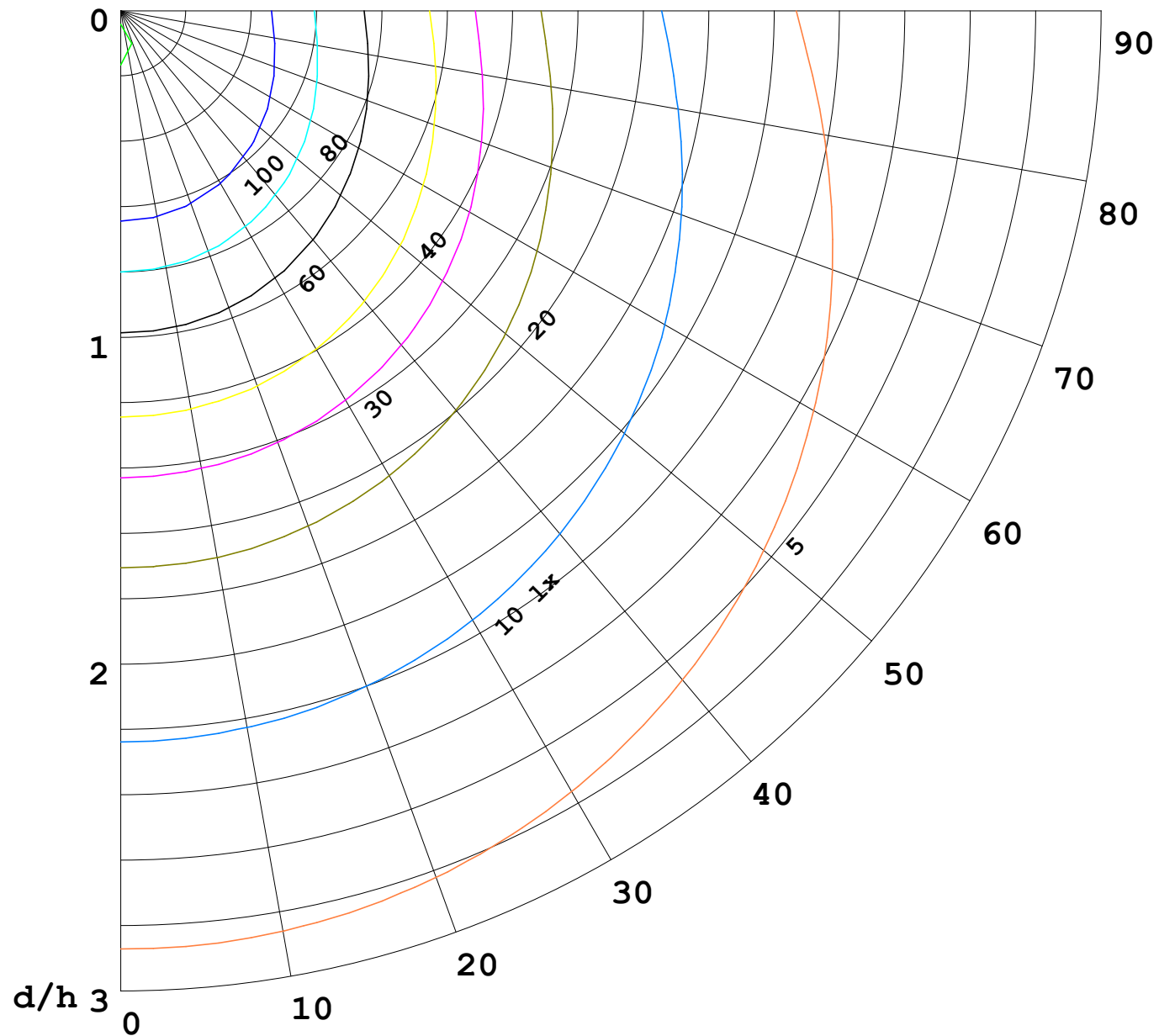
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: ALL

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

