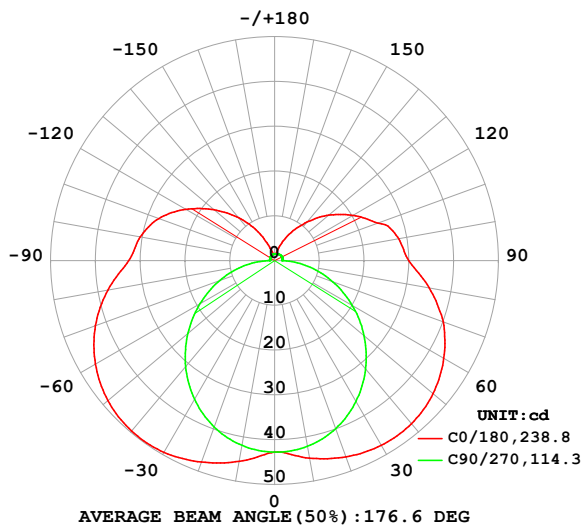


## LUMINAIRE PHOTOMETRIC TEST REPORT

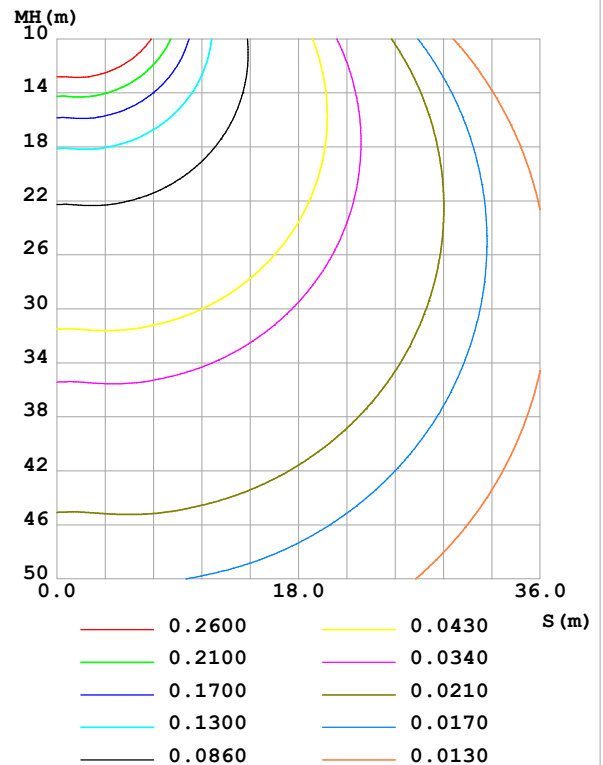
Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.49 lm/W			
MODEL		Imax (cd)	49.75	S/MH(C0/180)	1.74
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	284.26	$\eta$ UP,DN(C0-180)	12.8,37.4
NOMINAL FLUX(lm)	284.26	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	12.6,37.2
LAMPS INSIDE	1	$\eta$ up (%)	25.4	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		$\eta$ down (%)	74.6	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

$\gamma$  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	44.80	43.72	42.11	44.44	45.50	44.28	41.91	43.55	0- 10	4.143	4.143	1.46,1.46
20	46.64	44.24	39.92	45.23	47.86	44.94	39.54	43.85	10- 20	12.49	16.64	5.85,5.85
30	47.63	43.69	36.34	44.93	49.43	44.51	35.79	43.08	20- 30	20.28	36.92	13,13
40	47.56	42.02	31.63	43.47	49.69	43.01	30.94	41.25	30- 40	26.66	63.58	22.4,22.4
50	46.19	39.30	26.10	40.81	48.60	40.38	25.28	38.48	40- 50	30.96	94.54	33.3,33.3
60	43.62	35.58	20.04	37.06	46.19	36.75	19.23	34.85	50- 60	32.78	127.3	44.8,44.8
70	40.08	31.08	13.79	32.41	42.57	32.32	13.06	30.34	60- 70	32.04	159.3	56.1,56.1
80	35.06	25.95	7.610	27.02	37.78	27.19	6.964	25.25	70- 80	28.87	188.2	66.2,66.2
90	29.97	20.64	1.714	21.81	32.58	22.02	1.218	20.11	80- 90	23.80	212.0	74.6,74.6
100	28.14	19.25	1.724	20.45	30.47	20.59	1.161	14.26	90-100	20.14	232.2	81.7,81.7
110	24.58	15.24	1.808	17.96	27.53	18.03	1.204	14.68	100-110	17.40	249.6	87.8,87.8
120	20.26	12.31	1.825	14.43	22.93	14.42	1.259	11.39	110-120	13.72	263.3	92.6,92.6
130	15.82	8.644	1.805	10.80	17.69	10.74	1.317	7.766	120-130	9.708	273.0	96,96
140	11.22	5.666	1.739	7.061	12.51	7.029	1.389	5.241	130-140	6.085	279.1	98.2,98.2
150	7.173	3.398	1.686	3.829	7.389	3.823	1.432	3.061	140-150	3.195	282.3	99.3,99.3
160	3.499	1.829	1.583	1.641	2.952	1.639	1.499	1.725	150-160	1.355	283.6	99.8,99.8
170	1.560	1.548	1.513	1.567	1.539	1.571	1.545	1.602	160-170	0.4874	284.1	99.9,99.9
180	1.562	1.579	1.554	1.608	1.565	1.591	1.557	1.605	170-180	0.1500	284.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 78.669 lm

%lum = 27.7%

%lamp = 27.7%

Conical surface Flux(130deg): 143.58 lm

%lum = 50.5%

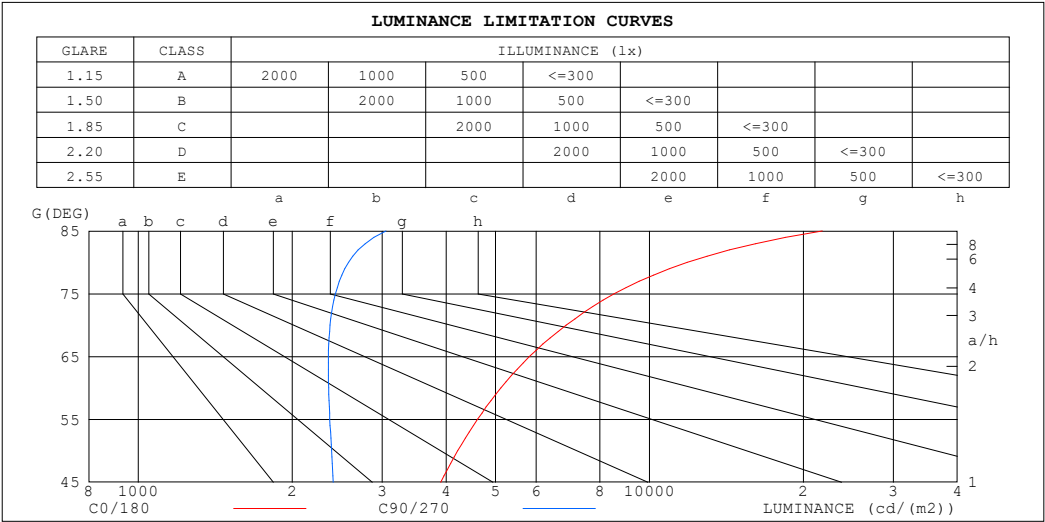
%lamp = 50.5%

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: WHITE

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 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	21767	3054
80	11849	2576
75	8526	2431
70	6877	2371
65	5825	2354
60	5120	2357
55	4610	2369
50	4217	2387
45	3904	2406

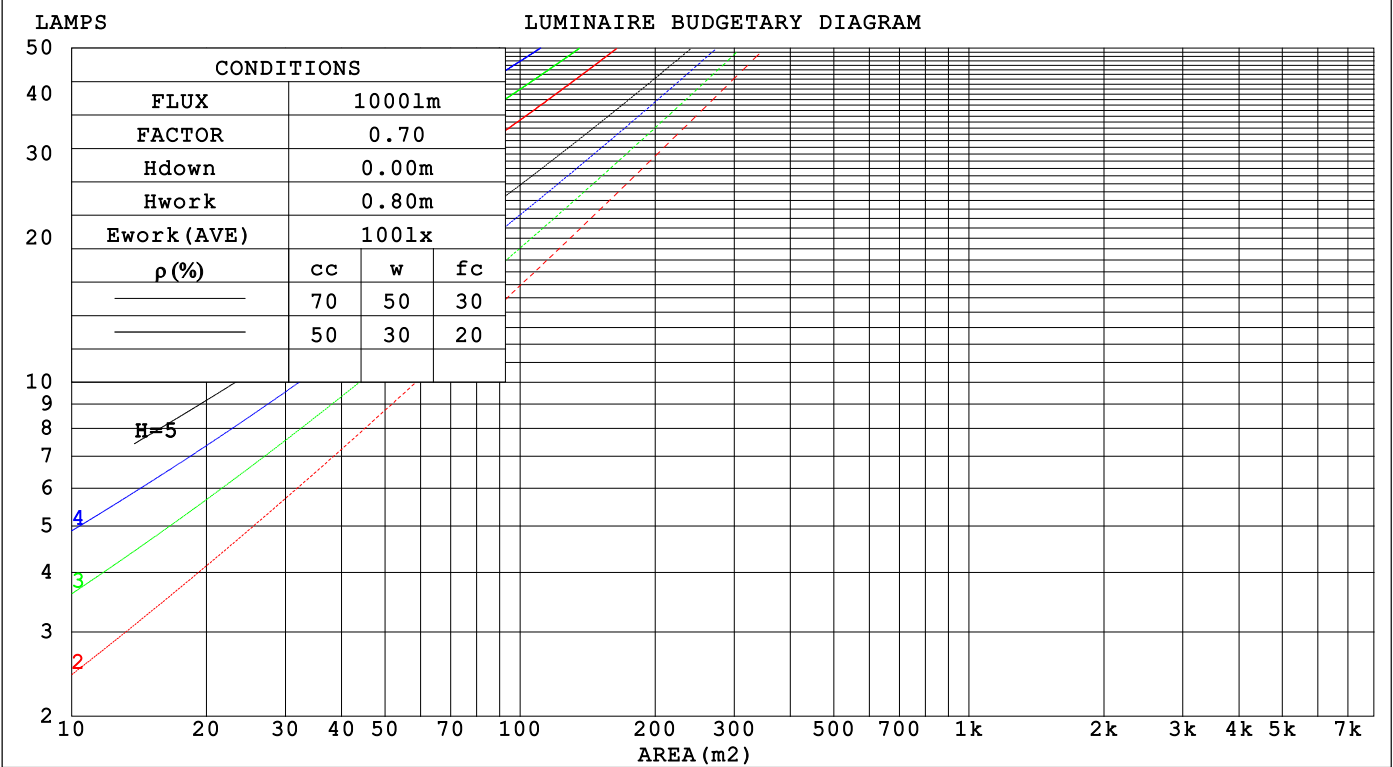
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-12

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: WHITE

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz		
Lamp Flux:284.26x1 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	.75
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	.65	.56	.49	.58	.51	.45	.52	.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	.31	.26	.24
6.0	.47	.37	.31	.45	.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	.25	.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: WHITE

## WEC AND CCEC

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 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	.228	.072	.387	.220	.070	.358	.206	.066	.333	.192	.062	.309	.179	.058															
2.0	.343	.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	.235	.121	.035	.216	.113	.033	.198	.105	.031	.182	.097	.029															
6.0	.224	.113	.032	.215	.109	.031	.198	.101	.029	.181	.094	.028	.166	.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	.132	.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	.384	.384	.384	.328	.328	.328	.224	.224	.224	.129	.129	.129	.041	.041	.041	
1.0	.382	.351	.322	.327	.301	.277	.223	.207	.192	.129	.120	.112	.041	.039	.036	
2.0	.376	.328	.288	.322	.283	.249	.220	.195	.174	.127	.114	.102	.041	.037	.033	
3.0	.368	.312	.267	.316	.269	.232	.217	.187	.163	.125	.109	.096	.040	.035	.031	
4.0	.361	.300	.253	.310	.259	.220	.213	.181	.155	.123	.106	.092	.040	.034	.030	
5.0	.353	.290	.244	.303	.251	.212	.209	.175	.150	.121	.103	.089	.039	.034	.029	
6.0	.346	.283	.237	.297	.245	.207	.205	.171	.146	.119	.101	.087	.038	.033	.029	
7.0	.339	.276	.232	.291	.239	.203	.201	.168	.143	.117	.099	.085	.038	.032	.028	
8.0	.332	.271	.229	.286	.235	.199	.198	.165	.141	.115	.097	.084	.037	.032	.028	
9.0	.326	.266	.226	.280	.231	.197	.194	.162	.140	.113	.096	.083	.037	.031	.028	
10.0	.320	.262	.223	.276	.227	.195	.191	.160	.138	.112	.095	.083	.036	.031	.027	

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: WHITE

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 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	24.2	18.7	20.0	19.3	20.6	21.3
3H	24.5	25.7	25.1	26.4	27.1	20.4	21.6	21.1	22.3	23.0
4H	26.1	27.2	26.7	27.9	28.7	21.2	22.4	21.9	23.0	23.8
6H	27.8	28.9	28.5	29.6	30.4	21.9	23.0	22.6	23.7	24.5
8H	28.7	29.8	29.4	30.5	31.3	22.2	23.3	22.9	24.0	24.8
12H	29.8	30.8	30.5	31.5	32.4	22.5	23.5	23.1	24.2	25.0
4H 2H	22.2	23.3	22.8	24.0	24.8	20.2	21.3	20.8	22.0	22.8
3H	25.3	26.3	26.0	27.0	27.9	22.2	23.2	22.9	23.9	24.7
4H	27.1	28.0	27.8	28.7	29.6	23.2	24.1	23.9	24.9	25.7
6H	29.0	29.9	29.8	30.6	31.5	24.1	24.9	24.8	25.7	26.6
8H	30.1	30.9	30.9	31.6	32.5	24.5	25.3	25.2	26.0	26.9
12H	31.3	32.0	32.1	32.8	33.7	24.8	25.5	25.6	26.3	27.2
8H 4H	27.5	28.2	28.2	29.0	29.9	24.5	25.3	25.2	26.0	26.9
6H	29.7	30.4	30.5	31.2	32.1	25.8	26.4	26.6	27.2	28.2
8H	31.0	31.6	31.8	32.4	33.3	26.4	27.0	27.2	27.8	28.7
12H	32.5	33.0	33.3	33.8	34.8	26.9	27.5	27.8	28.3	29.3
12H 4H	27.5	28.2	28.2	29.0	29.9	24.9	25.6	25.6	26.4	27.3
6H	29.8	30.4	30.6	31.2	32.2	26.4	27.0	27.2	27.8	28.8
8H	31.2	31.8	32.0	32.6	33.5	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, 284.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.4)  
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: WHITE

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

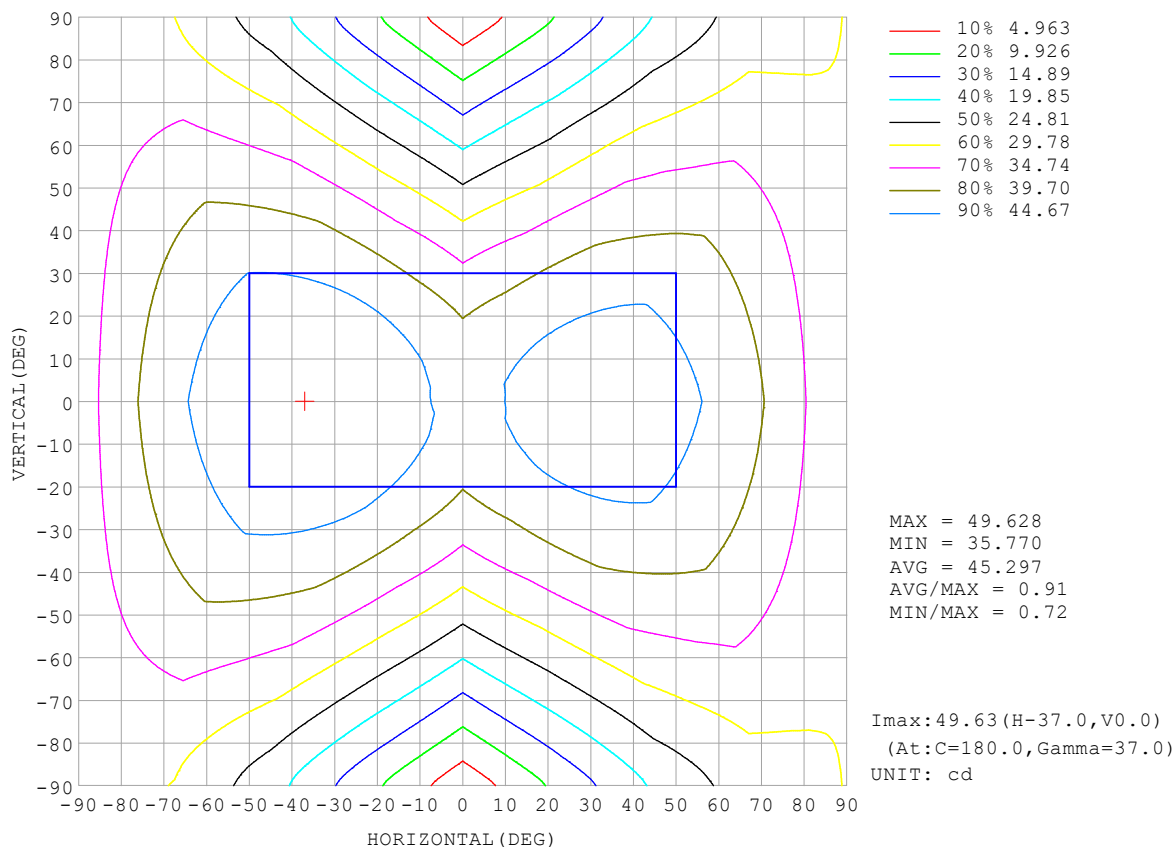
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	31	24	43	31	23	40	29	23	16
0.80	53	39	31	51	38	31	48	37	29	21
1.00	60	47	38	58	46	37	54	46	36	26
1.25	67	54	45	65	52	44	60	49	42	31
1.50	73	60	51	69	58	49	64	54	47	35
2.00	80	68	59	77	66	58	70	61	54	41
2.50	85	74	65	81	71	63	74	66	59	45
3.00	89	79	71	85	76	68	77	70	64	48
4.00	94	85	78	89	82	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: WHITE

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



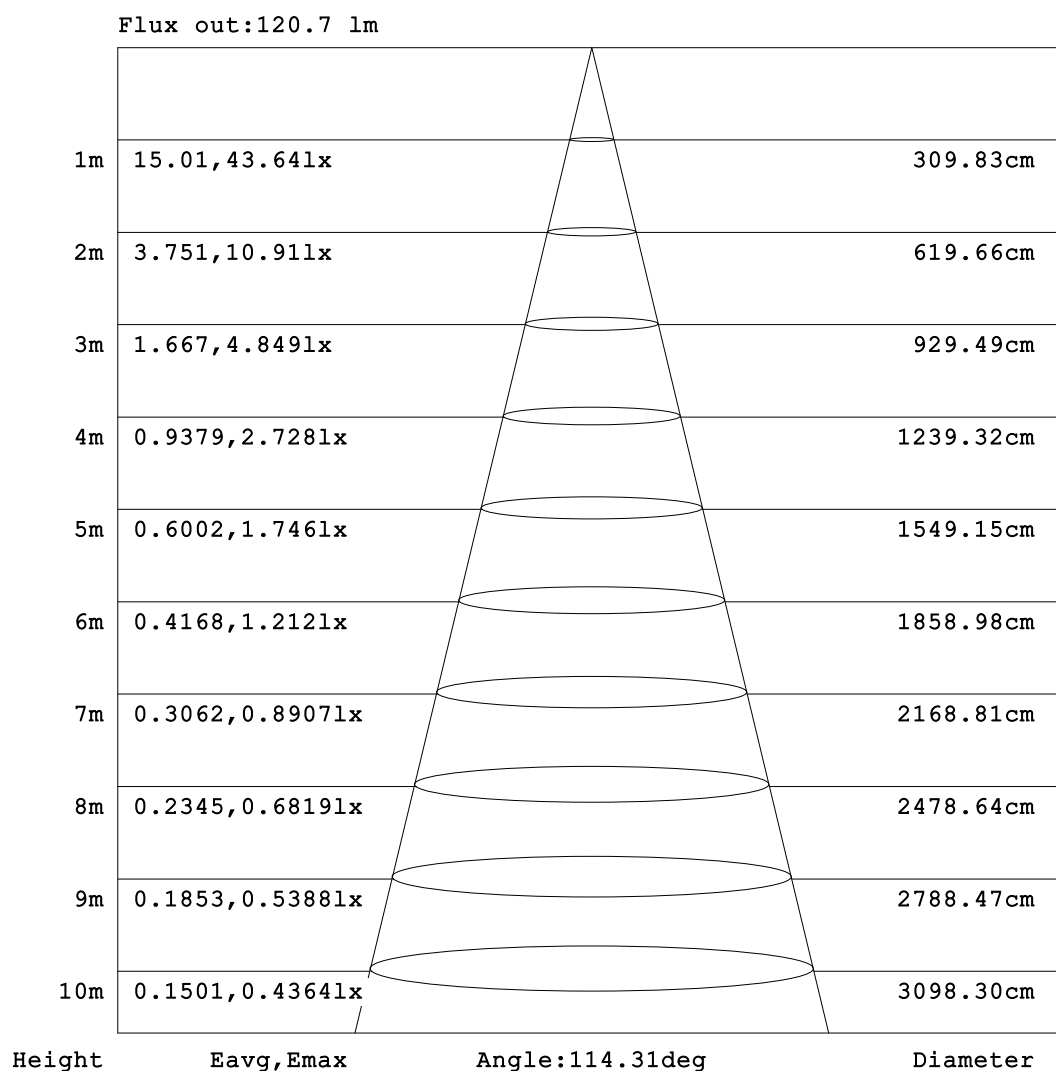
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-12

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: WHITE



## AAI Figure

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



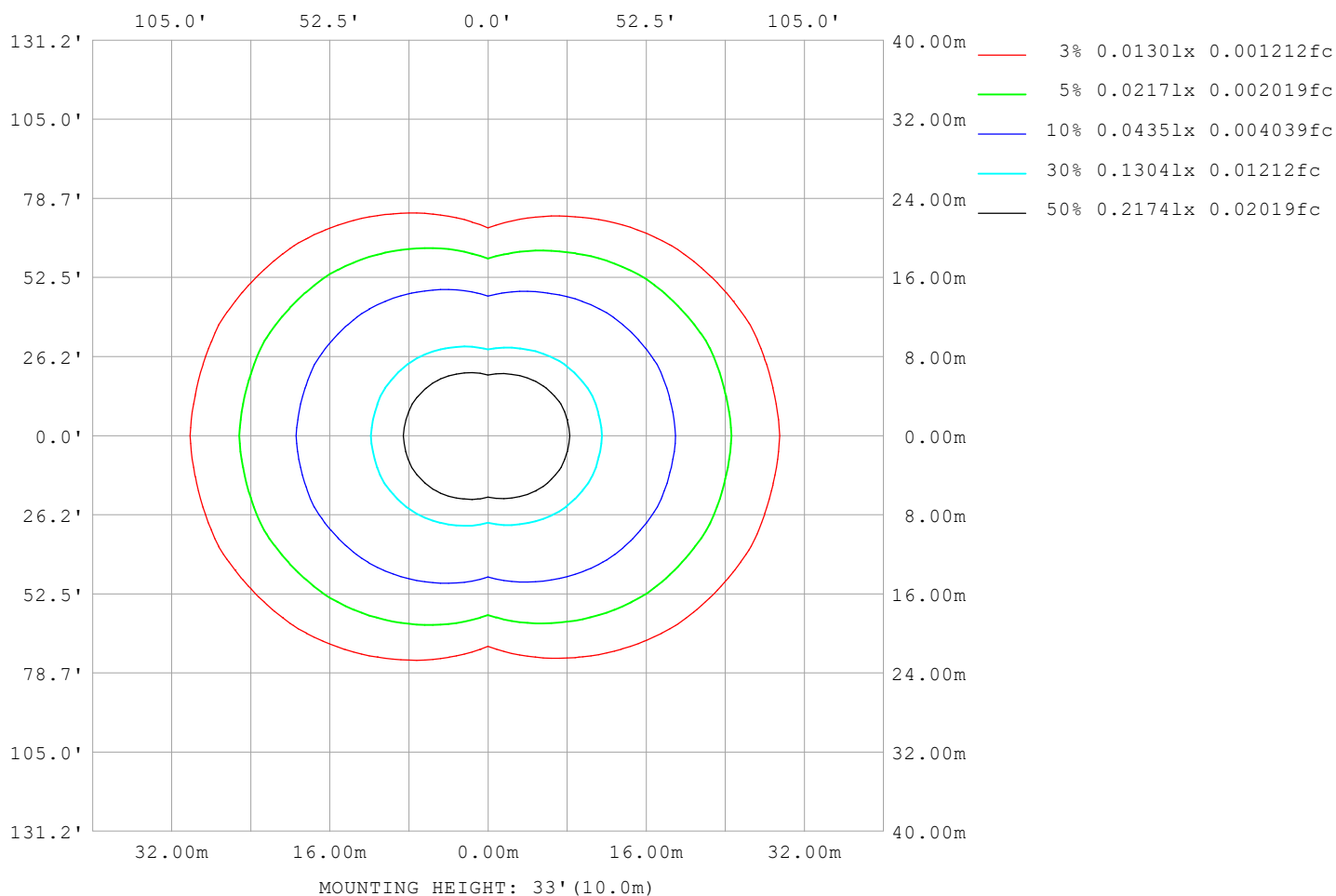
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: WHITE

## ISOLUX DIAGRAM

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 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: WHITE

## LED Avg.L Report

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 lm		
NAME: SF18-24V-5050-72-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

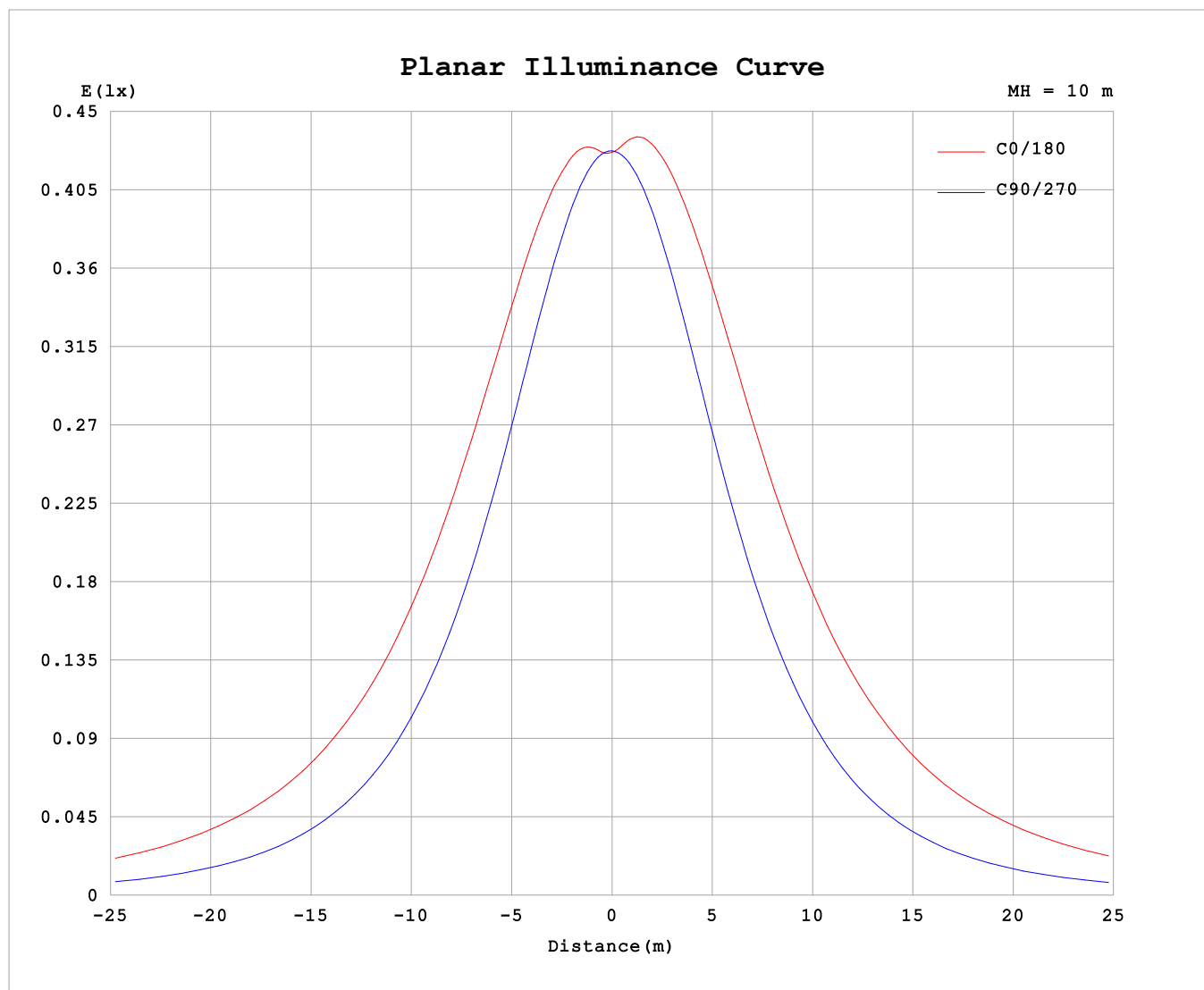
AvgL	cd/m2
L_0~180 (65) av	6019
L_0~180 (75) av	8854
L_0~180 (85) av	22726
L_90~270 (65) av	2302
L_90~270 (75) av	2353
L_90~270 (85) av	2857
L_45 (65) av	4721
L_45 (75) av	6595
L_45 (85) av	15902

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: WHITE

## Planar Illuminance Curve



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

$\gamma$  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: WHITE

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2025A P:4.860W PF:1.000 Freq:0Hz Lamp Flux:284.26x1 lm																	
NAME: SF18-24V-5050-72-RGBW(4000K)-80									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

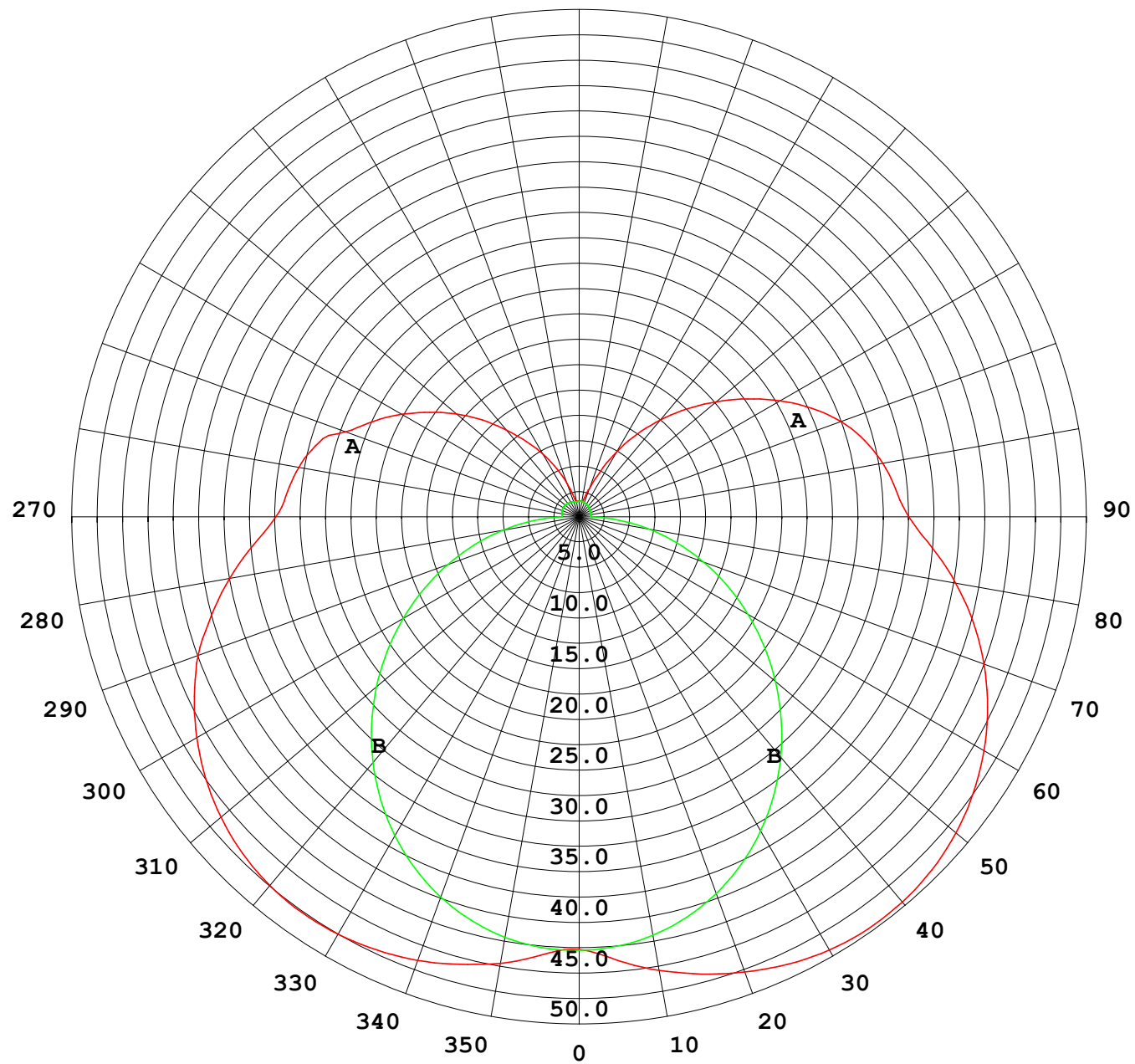
UNIT: cd

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		42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8			
5		43.5	43.4	43.0	42.6	42.6	43.0	43.6	43.9	44.0	43.9	43.5	42.9	42.5	42.5	42.9	43.3			
10		44.8	44.6	43.7	42.5	42.1	43.1	44.4	45.3	45.5	45.2	44.3	43.0	41.9	42.3	43.5	44.4			
15		45.8	45.4	44.2	42.3	41.2	43.0	45.0	46.3	46.8	46.2	44.8	42.8	40.9	42.0	43.9	45.2			
20		46.6	46.1	44.2	41.8	39.9	42.5	45.2	47.2	47.9	47.1	44.9	42.2	39.5	41.3	43.9	45.8			
25		47.2	46.5	44.1	40.9	38.3	41.6	45.2	47.9	48.8	47.7	44.9	41.2	37.8	40.3	43.6	46.1			
30		47.6	46.7	43.7	39.6	36.3	40.4	44.9	48.3	49.4	48.1	44.5	39.9	35.8	38.9	43.1	46.3			
35		47.7	46.6	43.0	38.1	34.1	38.9	44.4	48.3	49.7	48.2	43.9	38.4	33.5	37.2	42.3	46.2			
40		47.6	46.2	42.0	36.4	31.6	37.2	43.5	48.1	49.7	47.9	43.0	36.6	30.9	35.4	41.2	45.7			
45		47.0	45.5	40.8	34.4	28.9	35.2	42.3	47.4	49.3	47.3	41.8	34.5	28.2	33.3	40.0	45.0			
50		46.2	44.5	39.3	32.2	26.1	33.0	40.8	46.5	48.6	46.4	40.4	32.4	25.3	31.1	38.5	44.0			
55		45.1	43.2	37.6	29.9	23.1	30.7	39.1	45.2	47.6	45.2	38.7	30.1	22.3	28.7	36.7	42.7			
60		43.6	41.6	35.6	27.4	20.0	28.2	37.1	43.7	46.2	43.6	36.8	27.6	19.2	26.3	34.9	41.2			
65		42.0	39.8	33.5	24.9	16.9	25.6	34.8	41.8	44.5	41.9	34.6	25.0	16.2	23.8	32.8	39.4			
70		40.1	37.8	31.1	22.2	13.8	22.9	32.4	39.7	42.6	39.8	32.3	22.4	13.1	21.2	30.3	37.3			
75		37.6	35.4	28.6	19.5	10.7	20.0	29.8	37.3	40.3	37.5	29.8	19.6	10.0	18.4	27.8	35.0			
80		35.1	32.8	26.0	16.6	7.61	17.1	27.0	34.7	37.8	35.0	27.2	16.8	6.96	15.6	25.2	32.4			
85		32.3	30.0	23.2	13.8	4.53	14.1	24.2	31.8	35.0	32.2	24.4	13.9	3.94	12.8	22.5	29.7			
90		30.0	27.5	20.6	11.3	1.71	11.6	21.8	29.5	32.6	29.8	22.0	11.5	1.22	10.4	20.1	27.3			
95		28.9	26.5	19.9	10.9	1.68	11.2	21.1	28.5	31.4	28.8	21.3	11.1	1.16	7.15	19.4	26.3			
100		28.1	25.8	19.2	8.98	1.72	10.6	20.5	27.6	30.5	27.9	20.6	10.5	1.16	7.22	14.3	25.1			
105		27.0	24.5	17.0	7.61	1.77	9.62	19.4	26.4	29.2	26.7	19.5	9.41	1.18	6.23	16.2	21.3			
110		24.6	21.9	15.2	6.91	1.81	8.53	18.0	24.8	27.5	25.0	18.0	8.30	1.20	5.91	14.7	21.5			
115		22.4	20.0	13.6	6.21	1.83	7.44	16.2	22.7	25.4	23.0	16.3	7.18	1.23	5.53	12.5	19.2			
120		20.3	18.1	12.3	5.38	1.83	6.32	14.4	20.4	22.9	20.6	14.4	6.06	1.26	4.90	11.4	17.2			
125		18.0	16.1	10.5	4.61	1.82	5.10	12.6	18.1	20.3	18.2	12.6	4.83	1.29	4.00	9.54	14.6			
130		15.8	14.1	8.64	3.86	1.80	4.08	10.8	15.7	17.7	15.8	10.7	3.82	1.32	3.22	7.77	13.2			
135		13.5	12.2	7.30	3.18	1.78	3.19	8.97	13.3	15.1	13.4	8.91	2.96	1.35	2.58	6.53	11.0			
140		11.2	9.63	5.67	2.58	1.74	2.40	7.06	10.9	12.5	11.0	7.03	2.22	1.39	2.08	5.24	9.17			
145		9.10	7.23	4.46	2.08	1.71	1.79	5.33	8.60	9.96	8.68	5.28	1.64	1.42	1.70	4.05	6.94			
150		7.17	5.30	3.40	1.70	1.69	1.64	3.83	6.25	7.39	6.29	3.82	1.46	1.43	1.49	3.06	5.21			
155		5.26	3.72	2.48	1.59	1.65	1.59	2.56	4.33	4.81	4.37	2.58	1.46	1.46	1.48	2.28	3.61			
160		3.50	2.55	1.83	1.54	1.58	1.55	1.64	2.72	2.95	2.75	1.64	1.49	1.50	1.49	1.73	2.47			
165		2.08	1.74	1.55	1.52	1.53	1.52	1.56	1.60	1.79	1.62	1.55	1.50	1.53	1.52	1.59	1.73			
170		1.56	1.56	1.55	1.54	1.51	1.55	1.57	1.60	1.54	1.56	1.57	1.53	1.55	1.54	1.60	1.62			
175		1.56	1.60	1.57	1.57	1.53	1.57	1.59	1.63	1.56	1.58	1.59	1.55	1.56	1.56	1.61	1.62			
180		1.56	1.60	1.58	1.57	1.55	1.57	1.61	1.63	1.57	1.59	1.59	1.56	1.56	1.57	1.60	1.62			

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

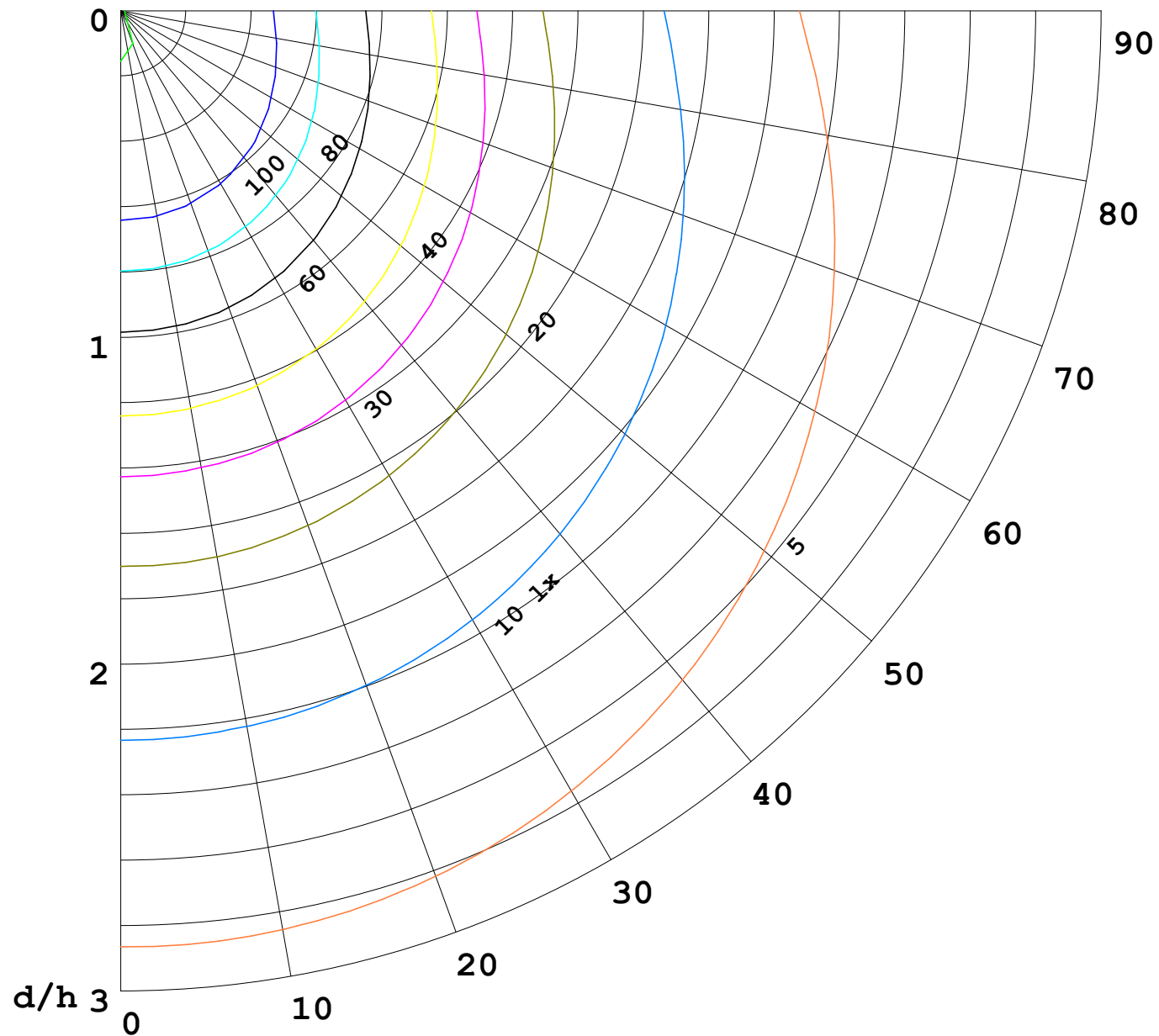
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: WHITE

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

