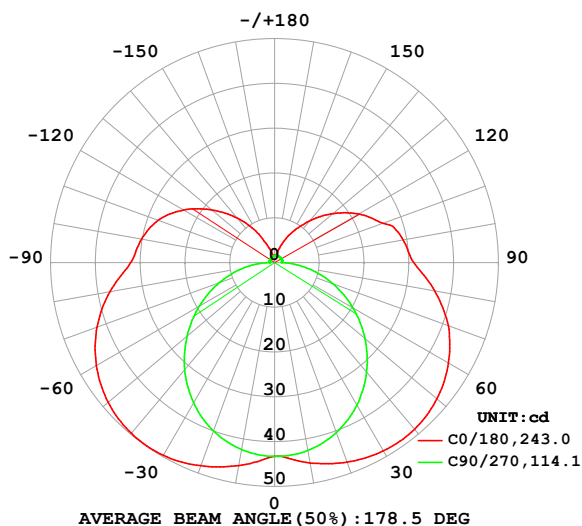


LUMINAIRE PHOTOMETRIC TEST REPORT

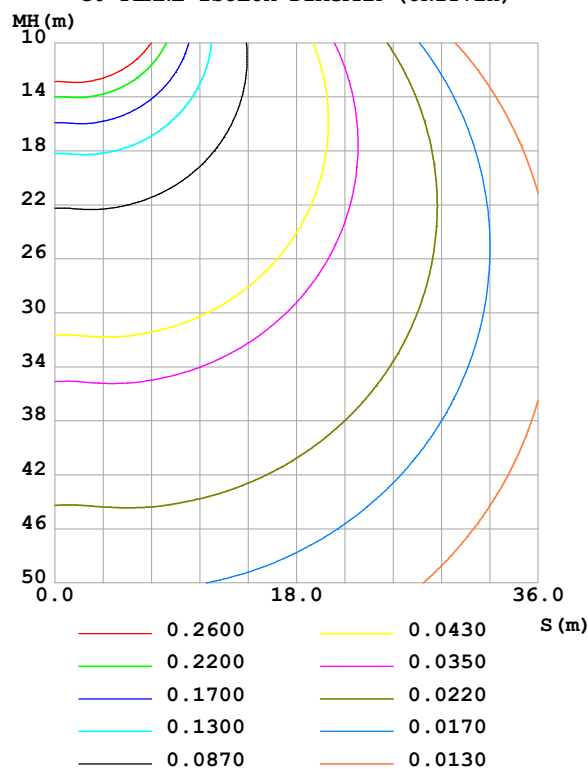
Test:U:24.00V I:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.25 lm/W			
MODEL		Imax (cd)	49.92	S/MH(C0/180)	1.73
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)		TOTAL FLUX(lm)	288.65	η UP,DN(C0-180)	13.0,37.3
NOMINAL FLUX(lm)	288.646	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.8,36.9
LAMPS INSIDE	1	η up (%)	25.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	74.2	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:2024-10-15

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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	45.43	44.27	42.61	44.97	46.01	44.81	42.38	44.10	0- 10	4.194	4.194	1.45,1.45
20	47.41	44.91	40.38	45.67	48.26	45.38	40.01	44.53	10- 20	12.64	16.84	5.83,5.83
30	48.56	44.44	36.74	45.28	49.69	44.84	36.17	43.80	20- 30	20.52	37.36	12.9,12.9
40	48.59	42.83	31.97	43.72	49.77	43.19	31.24	42.01	30- 40	26.97	64.32	22.3,22.3
50	47.30	40.14	26.37	40.89	48.53	40.38	25.53	39.28	40- 50	31.30	95.62	33.1,33.1
60	44.80	36.41	20.19	36.98	45.94	36.60	19.40	35.64	50- 60	33.10	128.7	44.6,44.6
70	41.32	31.87	13.85	32.16	42.20	32.04	13.15	31.09	60- 70	32.32	161.0	55.8,55.8
80	36.28	26.72	7.541	26.76	37.32	26.81	6.973	26.00	70- 80	29.10	190.1	65.9,65.9
90	31.08	21.31	1.589	21.51	32.15	21.68	1.192	20.79	80- 90	23.98	214.1	74.2,74.2
100	29.18	19.94	1.628	20.30	30.20	20.45	1.189	19.50	90-100	20.47	234.6	81.3,81.3
110	25.75	16.05	1.717	18.27	27.69	18.34	1.227	13.75	100-110	17.90	252.5	87.5,87.5
120	21.74	13.17	1.715	14.86	23.55	14.86	1.302	11.89	110-120	14.15	266.6	92.4,92.4
130	17.07	9.349	1.712	11.14	18.31	11.12	1.351	8.300	120-130	10.14	276.8	95.9,95.9
140	12.14	6.068	1.683	7.332	12.98	7.337	1.423	5.656	130-140	6.408	283.2	98.1,98.1
150	7.819	3.689	1.657	4.015	7.719	4.019	1.469	3.275	140-150	3.375	286.6	99.3,99.3
160	3.897	2.006	1.619	1.738	3.330	1.703	1.533	1.816	150-160	1.428	288.0	99.8,99.8
170	1.606	1.612	1.591	1.619	1.583	1.604	1.579	1.621	160-170	0.5090	288.5	99.9,99.9
180	1.609	1.612	1.579	1.619	1.609	1.615	1.579	1.621	170-180	0.1529	288.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 79.583 lm

%lum = 27.6%

%lamp = 27.6%

Conical surface Flux(130deg): 145.13 lm

%lum = 50.3%

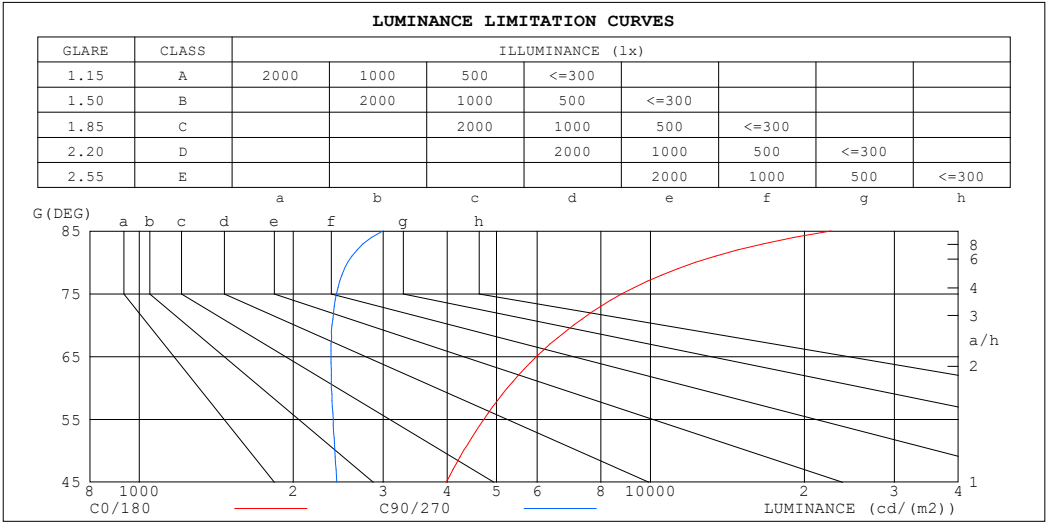
%lamp = 50.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Cloud
 Test Date:2024-10-15

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

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	22541	2993
80	12238	2554
75	8791	2429
70	7077	2381
65	5981	2372
60	5248	2375
55	4721	2394
50	4310	2413
45	3987	2433

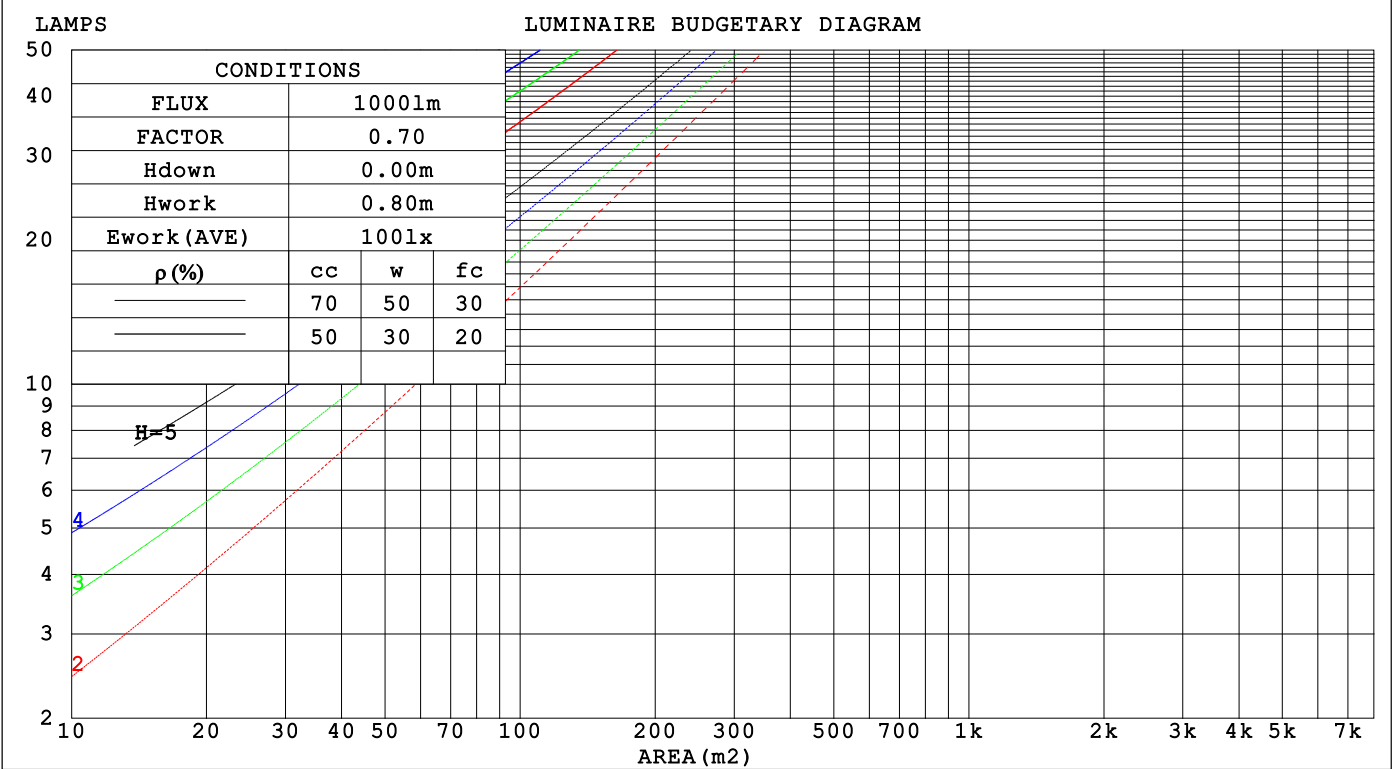
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz		
Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-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	.78	.78	.78	.74
1.0	.93	.87	.82	.88	.83	.79	.79	.75	.71	.71	.67	.65	.63	.60	.58	.54
2.0	.79	.71	.64	.75	.67	.61	.67	.61	.56	.60	.55	.51	.53	.49	.46	.42
3.0	.68	.59	.52	.64	.56	.49	.58	.51	.45	.51	.46	.41	.46	.41	.37	.34
4.0	.59	.50	.43	.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	.45	.36	.29	.40	.33	.27	.36	.30	.25	.32	.27	.23	.20
7.0	.42	.33	.27	.40	.32	.26	.36	.29	.24	.32	.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:2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm					
NAME: SF18-24V-5050-72-RGBW(2700K)-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	.400	.228	.072	.385	.220	.070	.357	.205	.065	.331	.191	.061	.307	.178	.057															
2.0	.343	.188	.058	.329	.181	.056	.303	.169	.052	.279	.157	.049	.257	.146	.046															
3.0	.302	.161	.048	.290	.155	.047	.266	.144	.044	.245	.134	.041	.225	.124	.038															
4.0	.271	.141	.041	.259	.136	.040	.238	.126	.038	.218	.117	.035	.200	.109	.033															
5.0	.245	.125	.036	.235	.121	.035	.216	.112	.033	.197	.104	.031	.181	.096	.029															
6.0	.224	.112	.032	.215	.108	.031	.197	.101	.029	.180	.094	.028	.165	.087	.026															
7.0	.206	.102	.029	.198	.098	.028	.181	.092	.026	.166	.085	.025	.152	.079	.023															
8.0	.191	.093	.026	.183	.090	.025	.168	.084	.024	.154	.078	.022	.140	.072	.021															
9.0	.178	.086	.024	.170	.083	.023	.156	.077	.022	.143	.072	.021	.131	.066	.019															
10.0	.166	.080	.022	.159	.077	.021	.146	.072	.020	.134	.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	.387	.387	.387	.331	.331	.331	.226	.226	.226	.130	.130	.130	.041	.041	.041	
1.0	.385	.354	.326	.329	.304	.280	.225	.209	.194	.130	.121	.113	.042	.039	.036	
2.0	.379	.331	.292	.324	.285	.252	.222	.197	.176	.128	.115	.103	.041	.037	.034	
3.0	.371	.315	.271	.318	.272	.235	.219	.189	.165	.126	.110	.097	.041	.036	.032	
4.0	.364	.303	.257	.312	.262	.223	.215	.183	.157	.124	.107	.093	.040	.035	.031	
5.0	.356	.294	.247	.306	.254	.215	.211	.177	.152	.122	.104	.090	.039	.034	.030	
6.0	.349	.286	.241	.300	.248	.210	.207	.173	.148	.120	.102	.088	.039	.033	.029	
7.0	.342	.279	.236	.294	.242	.205	.203	.170	.146	.118	.100	.087	.038	.033	.029	
8.0	.335	.274	.232	.288	.238	.202	.200	.167	.143	.116	.098	.085	.038	.032	.028	
9.0	.329	.269	.229	.283	.234	.200	.196	.164	.142	.114	.097	.085	.037	.032	.028	
10.0	.323	.265	.227	.278	.230	.198	.193	.162	.141	.113	.096	.084	.037	.031	.028	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm										
NAME: SF18-24V-5050-72-RGBW(2700K)-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	21.7	23.0	22.3	23.6	24.3	18.7	20.0	19.3	20.6	21.3
3H	24.6	25.8	25.2	26.4	27.2	20.4	21.6	21.1	22.3	23.0
4H	26.2	27.3	26.8	28.0	28.8	21.2	22.4	21.9	23.0	23.8
6H	27.9	29.0	28.6	29.7	30.5	21.9	23.0	22.6	23.7	24.5
8H	28.8	29.9	29.5	30.6	31.4	22.2	23.2	22.9	23.9	24.7
12H	29.9	30.9	30.6	31.6	32.5	22.4	23.4	23.1	24.1	24.9
4H 2H	22.2	23.4	22.9	24.0	24.8	20.2	21.3	20.9	22.0	22.8
3H	25.4	26.4	26.1	27.1	27.9	22.2	23.2	22.9	23.9	24.8
4H	27.2	28.1	27.9	28.8	29.7	23.2	24.1	23.9	24.9	25.7
6H	29.1	30.0	29.9	30.7	31.6	24.1	24.9	24.8	25.7	26.6
8H	30.2	31.0	31.0	31.7	32.6	24.5	25.2	25.2	26.0	26.9
12H	31.4	32.1	32.2	32.9	33.8	24.8	25.5	25.5	26.3	27.2
8H 4H	27.5	28.3	28.3	29.1	30.0	24.5	25.3	25.3	26.0	26.9
6H	29.8	30.5	30.6	31.2	32.2	25.8	26.5	26.6	27.2	28.2
8H	31.1	31.7	31.9	32.5	33.4	26.4	27.0	27.2	27.8	28.8
12H	32.6	33.1	33.4	33.9	34.9	27.0	27.5	27.8	28.3	29.3
12H 4H	27.6	28.3	28.3	29.0	30.0	24.9	25.6	25.7	26.4	27.3
6H	29.9	30.5	30.7	31.3	32.3	26.5	27.0	27.2	27.8	28.8
8H	31.3	31.8	32.1	32.7	33.6	27.2	27.8	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 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.5				

CIE Pub.117, 288.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.3)
Area: 0.017 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

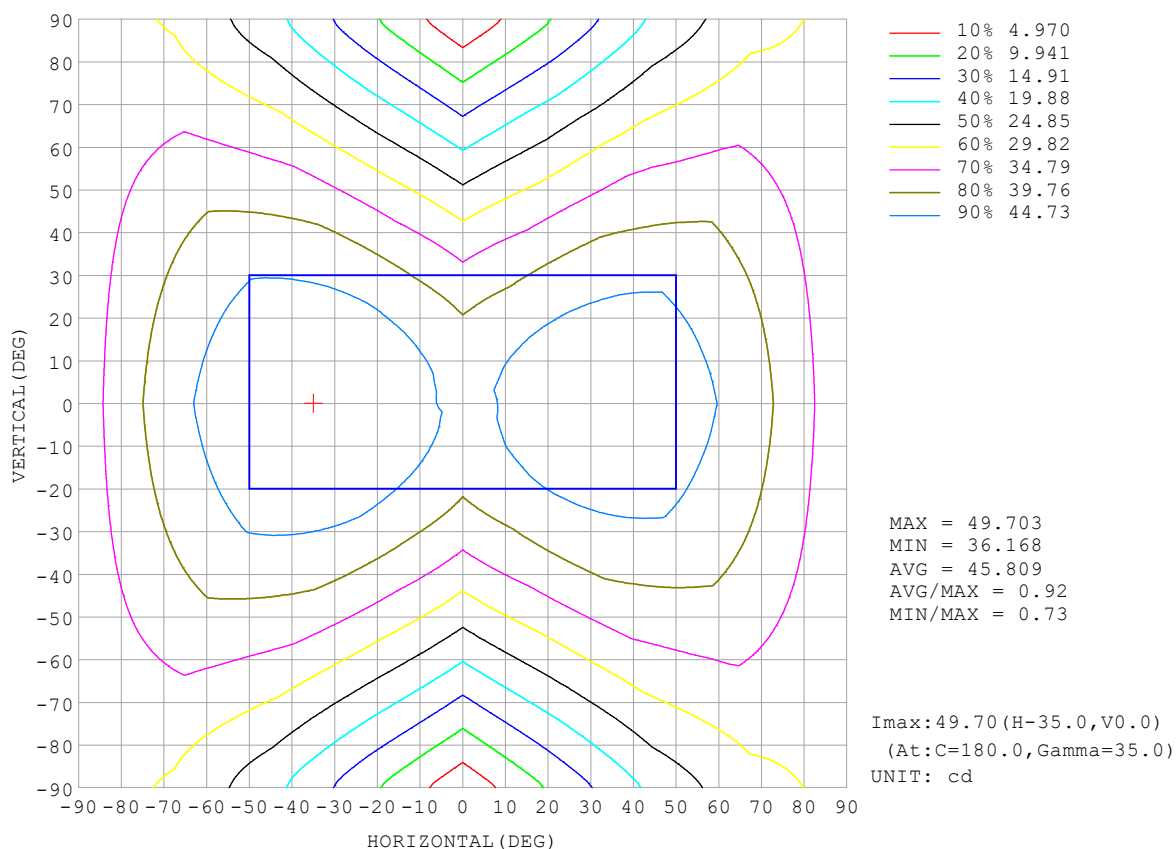
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	31	24	42	31	23	40	29	23	16
0.80	53	39	31	51	38	30	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	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	73	65	59	44
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: 2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

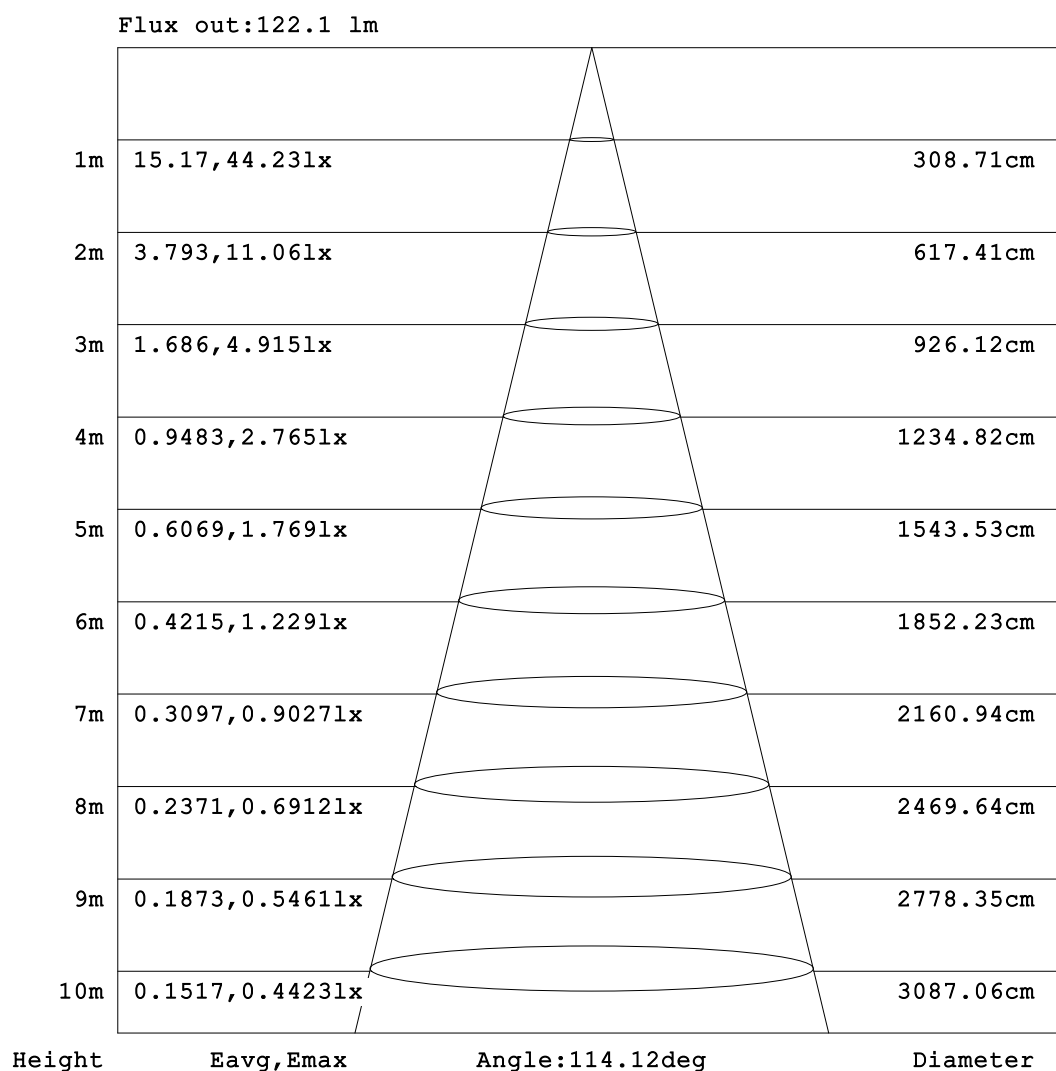


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



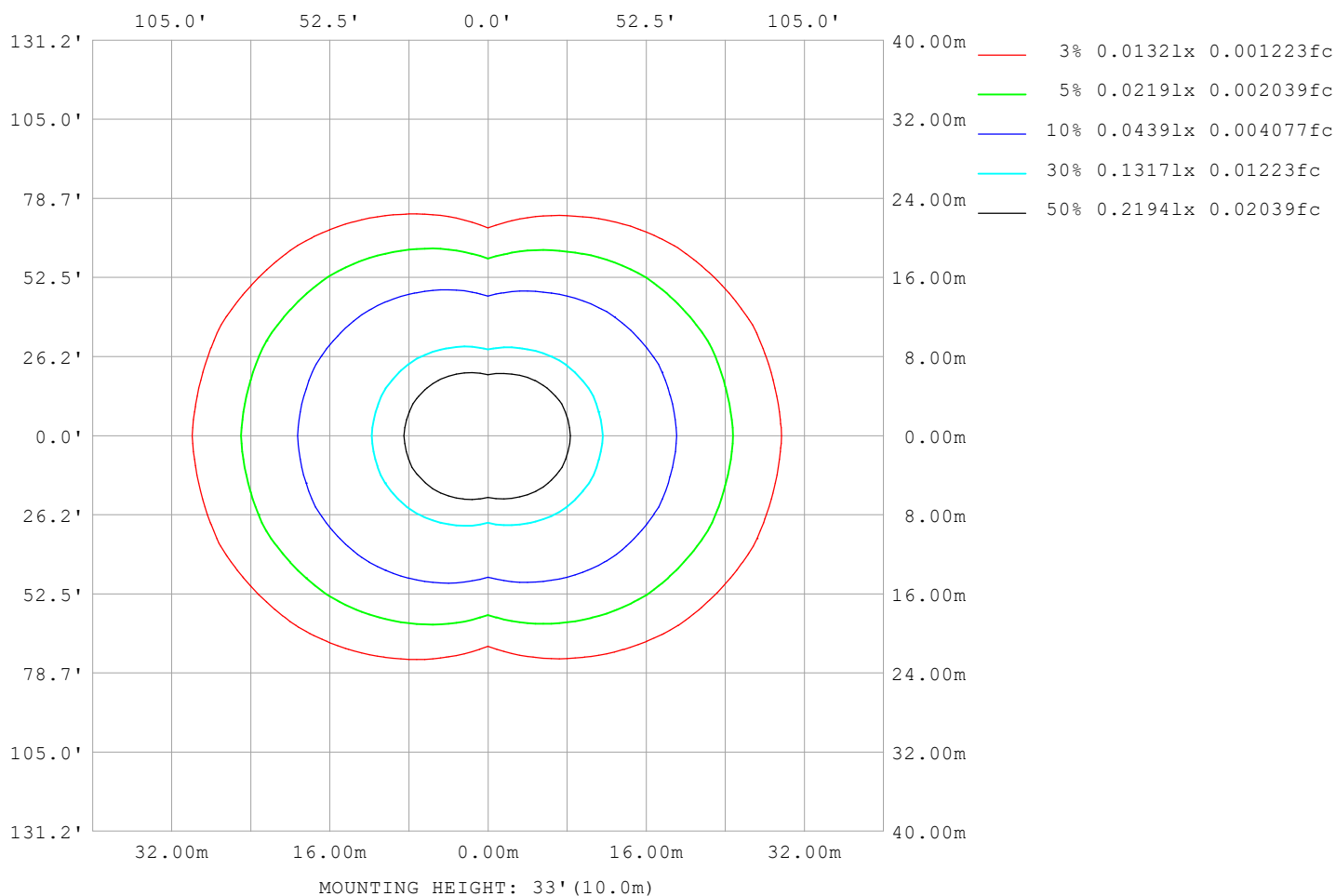
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-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: 2024-10-15

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:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm		
NAME: SF18-24V-5050-72-RGBW(2700K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

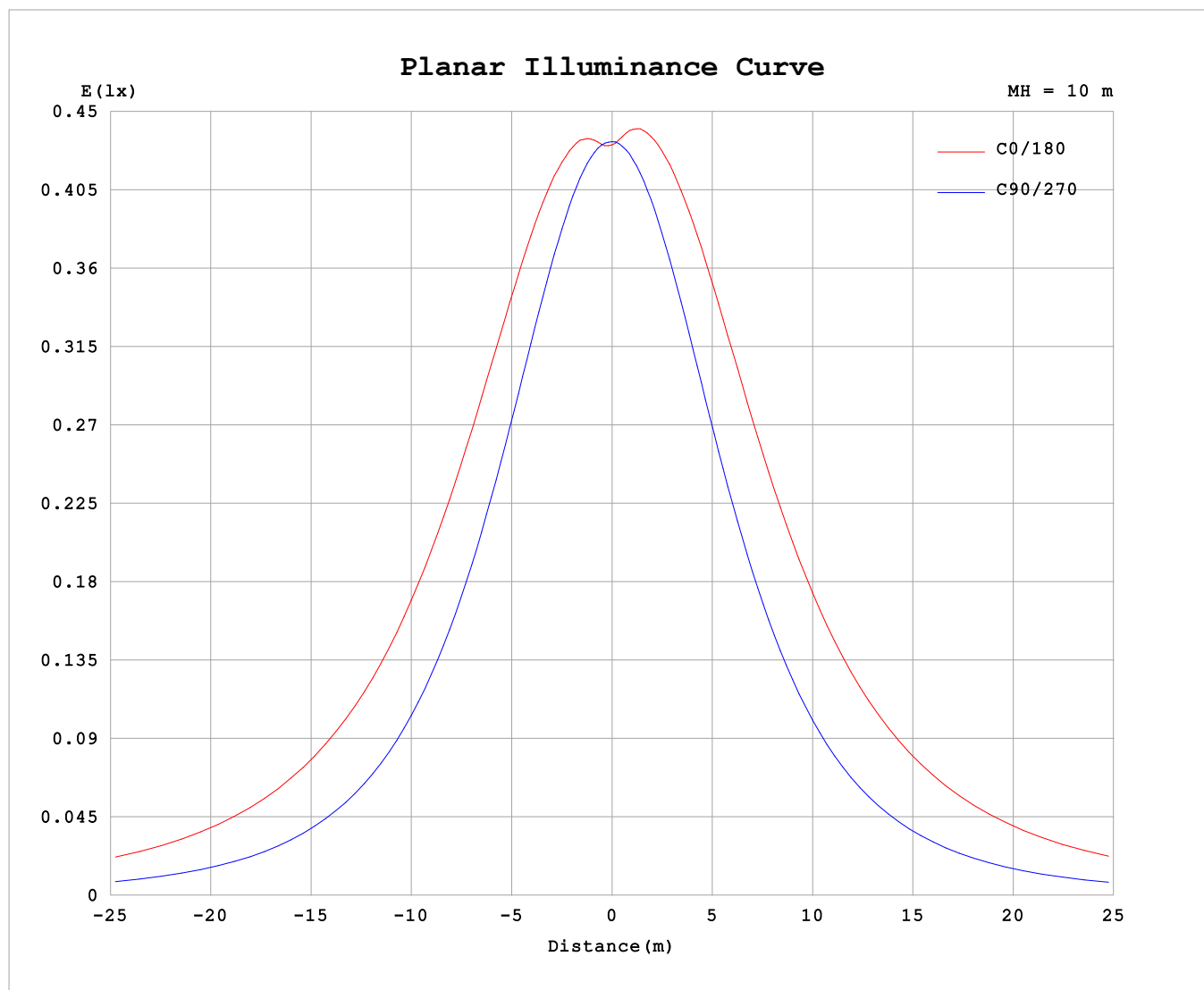
AvgL	cd/m2
L_0~180 (65) av	6082
L_0~180 (75) av	8947
L_0~180 (85) av	22967
L_90~270 (65) av	2319
L_90~270 (75) av	2356
L_90~270 (85) av	2822
L_45 (65) av	4762
L_45 (75) av	6648
L_45 (85) av	16034

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-15

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: 2024-10-15

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2030A P:4.872W PF:1.000 Freq:0Hz Lamp Flux:288.646x1 lm																		
NAME: SF18-24V-5050-72-RGBW(2700K)-80									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

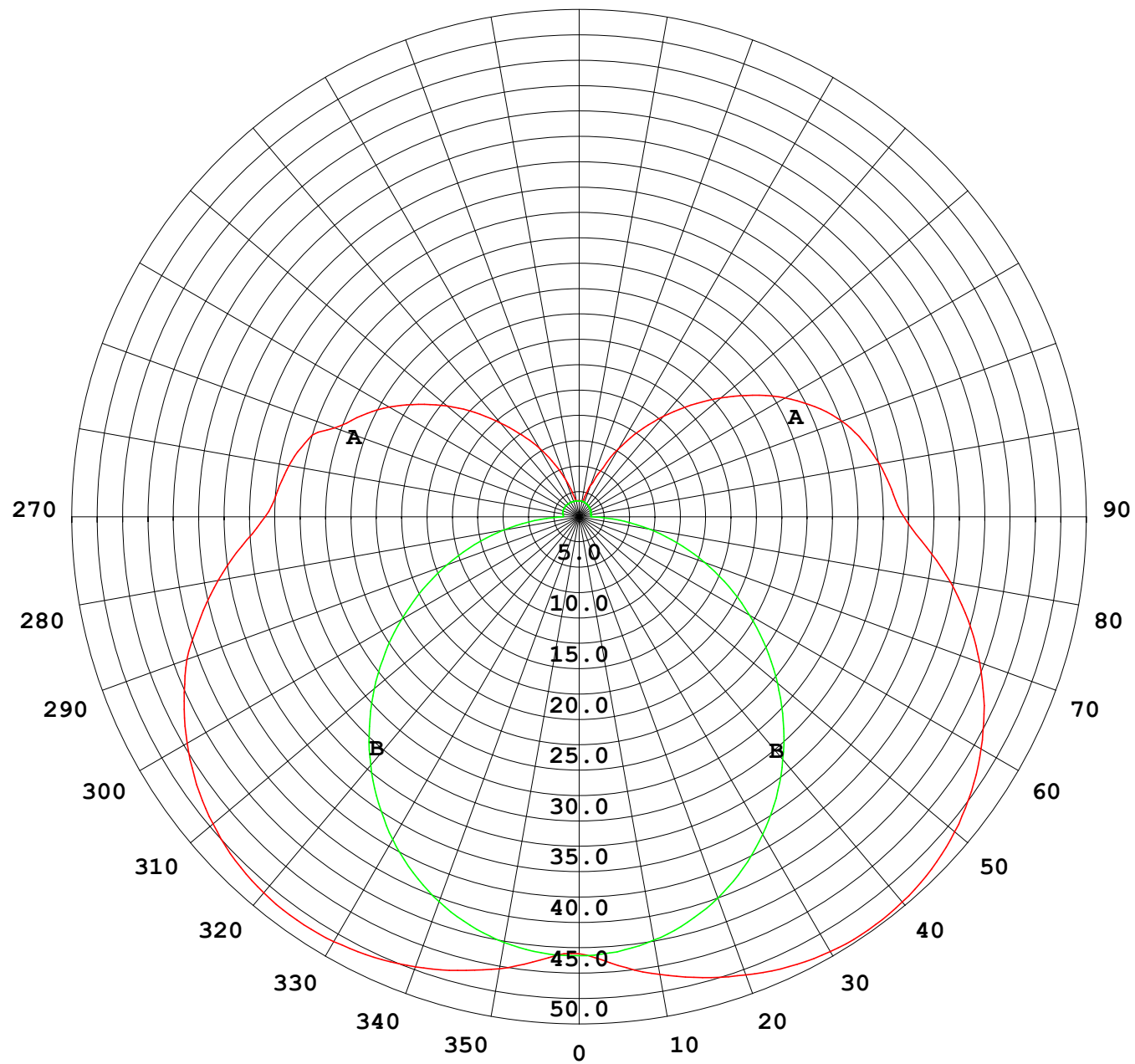
UNIT: cd

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	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3			
5	44.0	43.9	43.5	43.1	43.1	43.6	44.1	44.5	44.6	44.4	44.0	43.4	43.1	43.0	43.4	43.4	43.8			
10	45.4	45.2	44.3	43.0	42.6	43.7	45.0	45.7	46.0	45.6	44.8	43.5	42.4	42.8	44.1	45.0				
15	46.5	46.1	44.8	42.8	41.7	43.5	45.5	46.8	47.2	46.7	45.2	43.2	41.4	42.5	44.5	45.9				
20	47.4	46.8	44.9	42.3	40.4	43.0	45.7	47.6	48.3	47.4	45.4	42.6	40.0	41.8	44.5	46.5				
25	48.1	47.3	44.8	41.4	38.7	42.0	45.6	48.2	49.1	48.0	45.2	41.6	38.2	40.8	44.3	46.9				
30	48.6	47.5	44.4	40.1	36.7	40.8	45.3	48.6	49.7	48.4	44.8	40.3	36.2	39.4	43.8	47.1				
35	48.7	47.5	43.8	38.6	34.5	39.2	44.7	48.5	49.9	48.3	44.2	38.7	33.9	37.8	43.0	47.1				
40	48.6	47.1	42.8	36.9	32.0	37.5	43.7	48.2	49.8	48.0	43.2	36.8	31.2	35.9	42.0	46.7				
45	48.1	46.5	41.6	34.9	29.3	35.4	42.4	47.5	49.3	47.3	41.9	34.7	28.5	33.8	40.8	46.0				
50	47.3	45.5	40.1	32.7	26.4	33.2	40.9	46.4	48.5	46.3	40.4	32.5	25.5	31.6	39.3	45.0				
55	46.2	44.2	38.4	30.4	23.4	30.9	39.1	45.1	47.4	45.0	38.6	30.2	22.5	29.2	37.5	43.7				
60	44.8	42.6	36.4	27.9	20.2	28.3	37.0	43.4	45.9	43.4	36.6	27.6	19.4	26.8	35.6	42.2				
65	43.2	40.8	34.2	25.3	17.0	25.6	34.6	41.5	44.2	41.5	34.4	25.0	16.3	24.3	33.6	40.4				
70	41.3	38.8	31.9	22.6	13.8	22.8	32.2	39.3	42.2	39.4	32.0	22.3	13.2	21.6	31.1	38.3				
75	38.8	36.5	29.4	19.8	10.7	19.8	29.5	36.9	39.9	37.1	29.5	19.4	10.0	18.7	28.6	36.0				
80	36.3	33.9	26.7	17.0	7.54	16.8	26.8	34.2	37.3	34.5	26.8	16.6	6.97	15.9	26.0	33.5				
85	33.5	31.0	23.9	14.1	4.44	13.9	23.8	31.4	34.5	31.7	24.0	13.7	3.93	13.1	23.2	30.7				
90	31.1	28.5	21.3	11.5	1.59	11.4	21.5	29.1	32.2	29.4	21.7	11.3	1.19	10.7	20.8	28.3				
95	30.0	27.4	20.5	11.1	1.58	11.1	20.8	28.1	31.1	28.4	21.0	11.0	1.19	10.4	20.1	27.2				
100	29.2	26.7	19.9	9.33	1.63	10.7	20.3	27.3	30.2	27.6	20.4	10.6	1.19	6.70	19.5	26.6				
105	28.1	25.5	17.6	7.98	1.69	9.79	19.5	26.3	29.1	26.6	19.7	9.64	1.20	6.03	17.6	25.4				
110	25.7	23.0	16.1	7.23	1.72	8.71	18.3	25.0	27.7	25.2	18.3	8.52	1.23	5.85	13.7	23.2				
115	23.7	21.3	14.5	6.56	1.71	7.58	16.7	23.2	25.8	23.4	16.7	7.40	1.27	5.69	12.5	20.7				
120	21.7	19.4	13.2	5.48	1.71	6.44	14.9	21.1	23.5	21.2	14.9	6.26	1.30	5.17	11.9	17.1				
125	19.4	17.3	11.4	4.77	1.71	5.19	13.0	18.7	21.0	18.8	13.0	5.03	1.33	4.26	10.1	15.2				
130	17.1	15.2	9.35	4.05	1.71	4.15	11.1	16.2	18.3	16.3	11.1	4.00	1.35	3.44	8.30	14.2				
135	14.6	13.2	7.72	3.33	1.70	3.24	9.27	13.8	15.6	13.9	9.24	3.11	1.39	2.76	7.00	11.9				
140	12.1	11.0	6.07	2.67	1.68	2.43	7.33	11.4	13.0	11.4	7.34	2.33	1.42	2.23	5.66	9.81				
145	9.87	7.94	4.78	2.16	1.67	1.80	5.56	8.98	10.4	9.02	5.54	1.71	1.45	1.80	4.37	7.48				
150	7.82	5.75	3.69	1.76	1.66	1.62	4.01	6.56	7.72	6.59	4.02	1.48	1.47	1.52	3.28	5.56				
155	5.77	4.06	2.72	1.61	1.63	1.60	2.71	4.54	4.97	4.59	2.71	1.49	1.50	1.51	2.43	3.86				
160	3.90	2.81	2.01	1.60	1.62	1.59	1.74	2.84	3.33	2.88	1.70	1.52	1.53	1.53	1.82	2.60				
165	2.29	1.88	1.63	1.59	1.61	1.59	1.63	1.63	1.86	1.66	1.58	1.54	1.56	1.56	1.62	1.80				
170	1.61	1.61	1.61	1.59	1.59	1.59	1.62	1.61	1.58	1.59	1.60	1.56	1.58	1.57	1.62	1.64				
175	1.60	1.62	1.61	1.59	1.58	1.59	1.62	1.63	1.61	1.59	1.62	1.57	1.58	1.59	1.62	1.64				
180	1.61	1.62	1.61	1.59	1.58	1.59	1.62	1.64	1.61	1.62	1.62	1.58	1.58	1.59	1.62	1.64				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-15

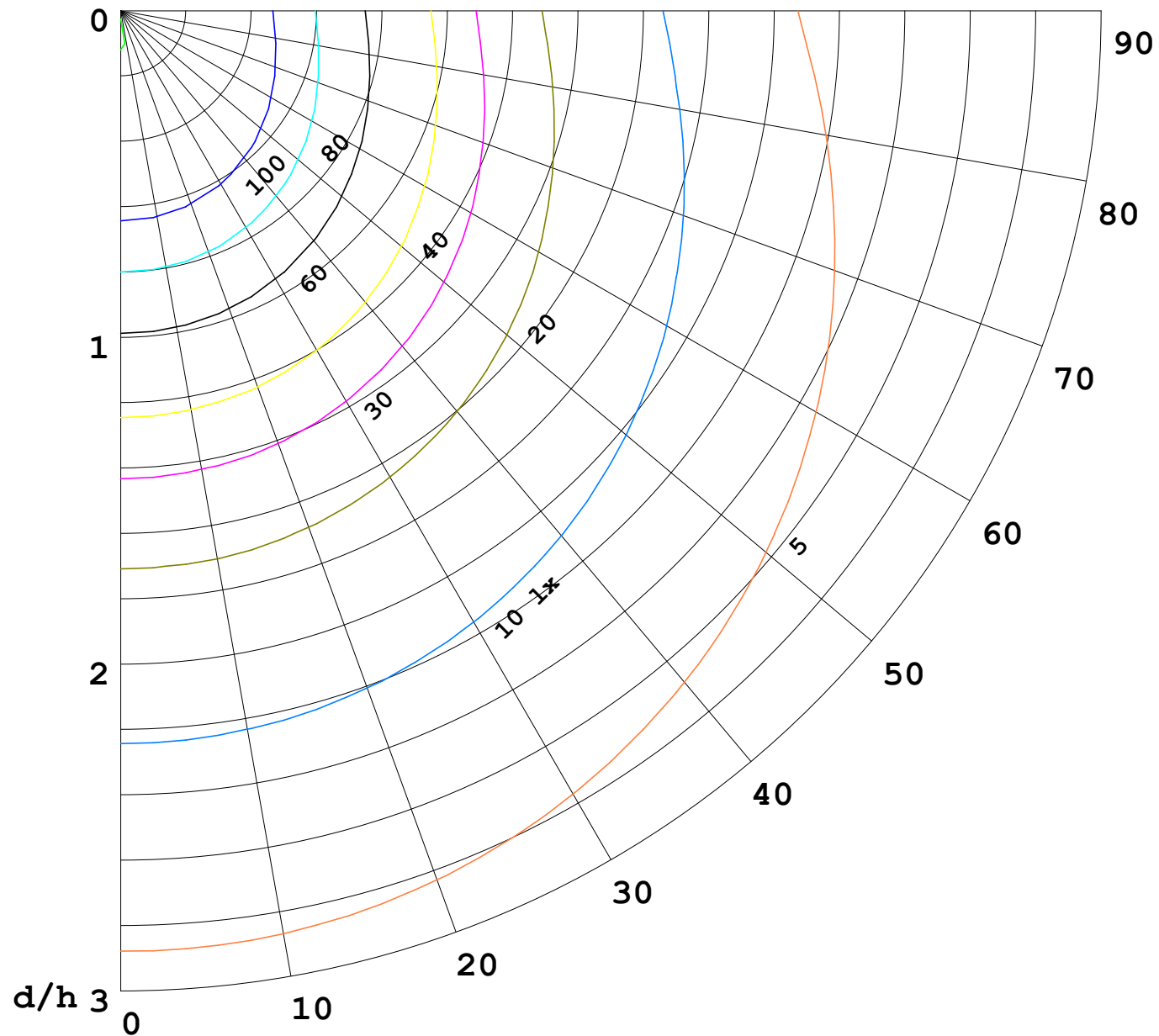
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

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

