

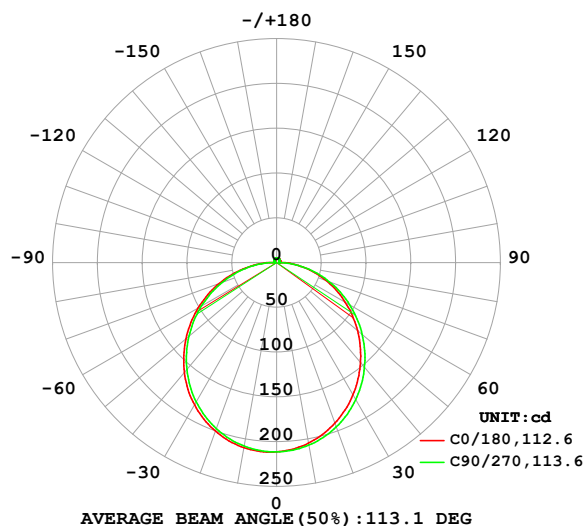
## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz  
Lamp Flux:647.77x1 lm

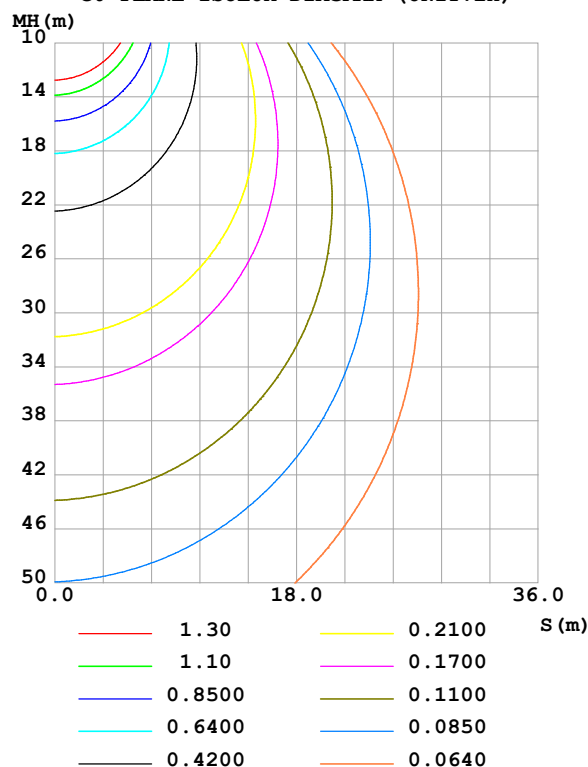
NAME: SF08-24V-2835-120-5000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 63.17 lm/W
MODEL		I <sub>max</sub> (cd)	211.8	S/MH(C0/180)	1.29	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	647.77	η UP,DN(C0-180)	1.9,47.5	
NOMINAL FLUX(lm)	647.77	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,48.8	
LAMPS INSIDE	1	η up (%)	3.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down (%)	96.3	CIBSE SHR MAX	1.35	

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:2024-11-05

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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	204.8	205.4	207.0	208.8	209.8	209.5	208.1	206.3	0- 10	19.99	19.99	3.09,3.09
20	190.7	191.9	195.2	198.7	200.3	199.8	197.3	193.7	10- 20	57.17	77.16	11.9,11.9
30	170.6	172.0	176.8	181.4	183.5	182.9	179.6	175.0	20- 30	86.45	163.6	25.3,25.3
40	145.8	147.1	152.8	158.0	160.3	159.6	156.0	150.6	30- 40	104.1	267.7	41.3,41.3
50	118.0	119.2	124.8	129.8	132.3	131.5	127.9	122.6	40- 50	108.1	375.8	58,58
60	88.65	89.41	94.32	98.69	101.0	100.3	96.96	92.63	50- 60	98.99	474.8	73.3,73.3
70	59.12	59.39	62.68	66.03	68.23	67.48	64.81	61.97	60- 70	78.71	553.5	85.4,85.4
80	30.20	29.82	31.08	33.34	35.26	34.57	32.80	31.70	70- 80	50.63	604.2	93.3,93.3
90	8.231	6.124	2.598	6.969	9.594	7.382	2.516	6.712	80- 90	19.65	623.8	96.3,96.3
100	3.127	2.987	2.894	2.885	2.609	2.607	2.554	2.901	90-100	3.821	627.6	96.9,96.9
110	3.501	3.388	3.269	3.301	2.987	3.008	2.993	3.288	100-110	3.180	630.8	97.4,97.4
120	3.890	3.613	3.601	3.703	3.355	3.409	3.429	3.669	110-120	3.372	634.2	97.9,97.9
130	4.250	3.913	3.922	4.079	3.724	3.819	3.868	3.756	120-130	3.375	637.5	98.4,98.4
140	4.538	4.205	4.240	4.434	4.101	4.229	4.313	4.354	130-140	3.188	640.7	98.9,98.9
150	4.812	4.511	4.772	4.792	4.478	4.627	4.740	4.721	140-150	2.807	643.5	99.3,99.3
160	5.108	5.088	5.144	5.150	4.864	5.028	5.119	5.088	150-160	2.242	645.8	99.7,99.7
170	5.054	5.354	5.424	5.405	4.945	5.345	5.425	5.385	160-170	1.471	647.3	99.9,99.9
180	5.149	5.501	5.569	5.541	5.149	5.501	5.569	5.555	170-180	0.5154	647.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 322.1 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(130deg): 517.27 lm

%lum = 79.9%

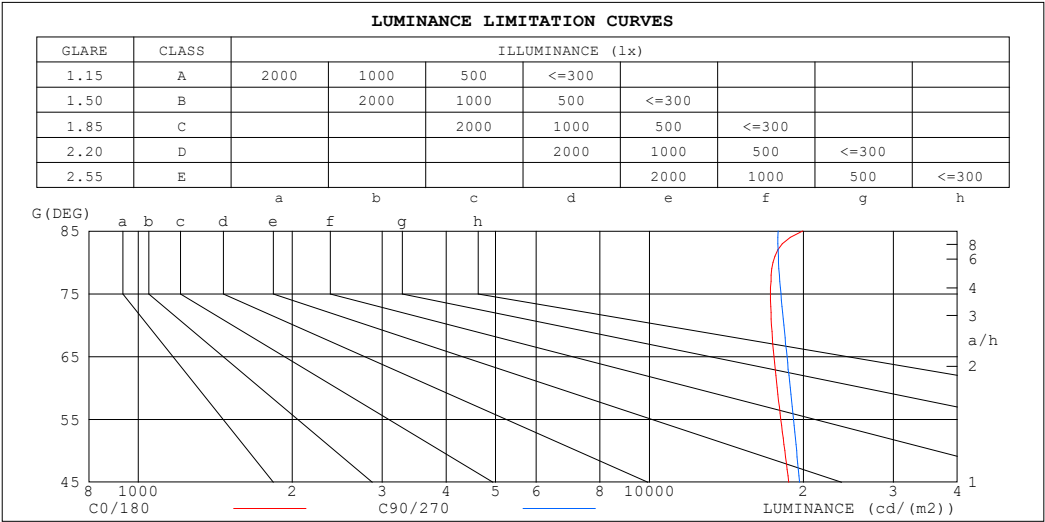
%lamp = 79.9%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

$\gamma$  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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm		
NAME: SF08-24V-2835-120-5000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



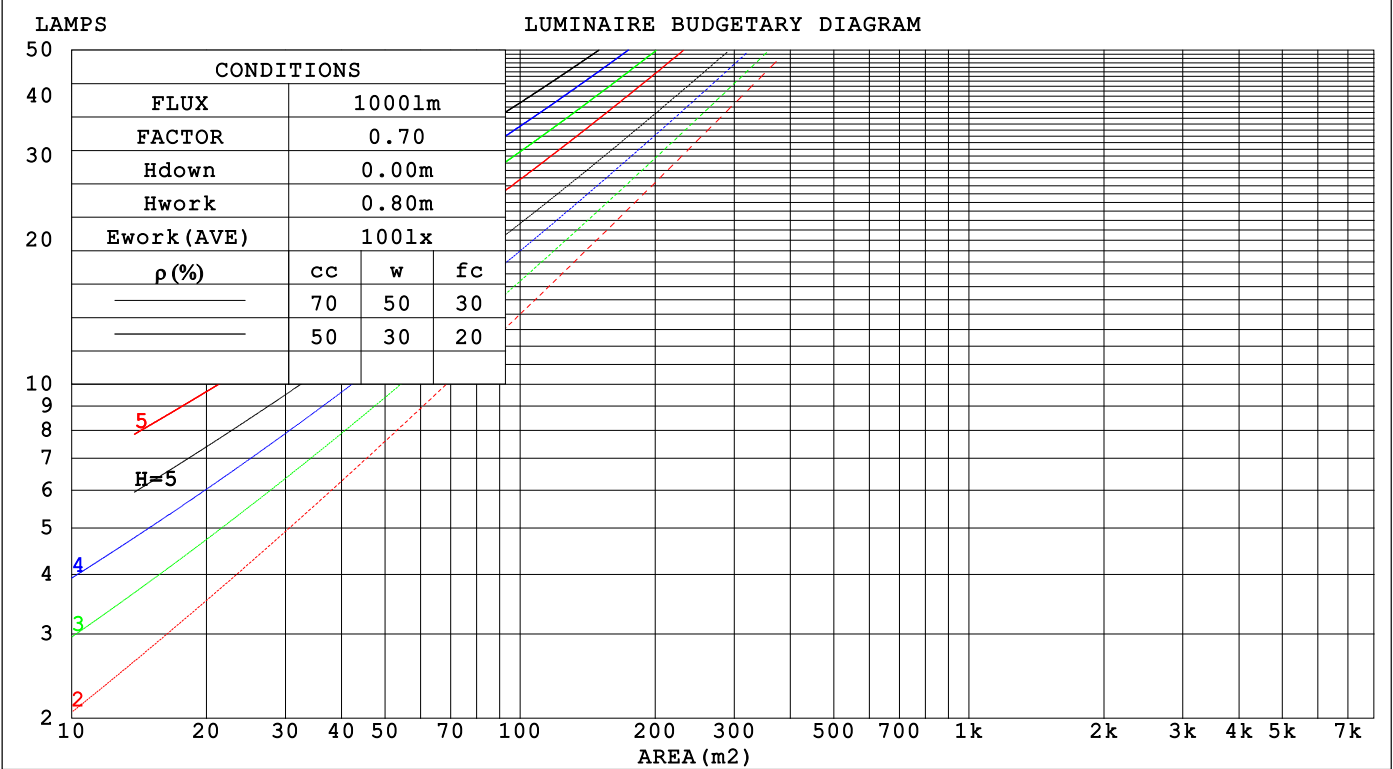
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	19942	17849
80	17433	17885
75	17257	18079
70	17325	18313
65	17518	18578
60	17770	18851
55	18068	19126
50	18398	19402
45	18726	19669

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:2024-11-05	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz															
Lamp Flux:647.77x1 lm															
NAME: SF08-24V-2835-120-5000-80								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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99		.96
1.0	1.02	.98	.93	.99	.95	.92	.95	.91	.88	.90	.87	.85	.86	.84	.81		.79
2.0	.89	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68		.65
3.0	.78	.69	.62	.76	.68	.62	.72	.65	.60	.69	.63	.59	.66	.61	.57		.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49		.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42		.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37		.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.37	.33		.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.29		.27
9.0	.42	.33	.28	.41	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27		.25
10.0	.38	.30	.25	.38	.30	.25	.36	.30	.25	.35	.29	.24	.34	.28	.24	.22	



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

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:

## WEC AND CCEC

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm					
NAME: SF08-24V-2835-120-5000-80			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	.327	.186	.059	.318	.182	.058	.303	.174	.055	.289	.167	.053	.276	.160	.052															
2.0	.301	.165	.051	.294	.162	.050	.280	.156	.048	.268	.150	.047	.256	.145	.046															
3.0	.276	.147	.044	.270	.144	.043	.257	.139	.042	.246	.135	.041	.235	.130	.040															
4.0	.253	.132	.039	.247	.129	.038	.236	.125	.037	.226	.122	.037	.217	.118	.036															
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.201	.107	.032															
6.0	.216	.108	.031	.211	.107	.031	.202	.104	.030	.194	.101	.030	.186	.098	.029															
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.174	.090	.027															
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024															
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.159	.080	.023	.153	.078	.022															
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.144	.073	.021															

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	.219	.219	.219	.187	.187	.187	.128	.128	.128	.073	.073	.073	.023	.023	.023	
1.0	.210	.184	.161	.180	.158	.139	.123	.109	.096	.071	.063	.056	.023	.020	.018	
2.0	.202	.160	.125	.173	.138	.108	.119	.096	.076	.068	.056	.044	.022	.018	.014	
3.0	.194	.143	.102	.167	.123	.089	.114	.086	.062	.066	.050	.037	.021	.016	.012	
4.0	.187	.130	.087	.160	.112	.075	.110	.078	.053	.064	.046	.031	.021	.015	.010	
5.0	.179	.120	.076	.154	.104	.066	.106	.072	.047	.061	.042	.028	.020	.014	.009	
6.0	.172	.111	.068	.148	.096	.059	.102	.068	.042	.059	.040	.025	.019	.013	.008	
7.0	.165	.105	.062	.142	.091	.054	.098	.064	.038	.057	.037	.023	.018	.012	.008	
8.0	.159	.099	.058	.136	.086	.050	.094	.060	.036	.055	.036	.021	.018	.012	.007	
9.0	.152	.094	.054	.131	.082	.047	.091	.057	.034	.053	.034	.020	.017	.011	.007	
10.0	.147	.090	.052	.126	.078	.045	.088	.055	.032	.051	.032	.019	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

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:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm											
NAME: SF08-24V-2835-120-5000-80					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	2H	22.8	24.3	23.1	24.6	24.9	23.1	24.5	23.4	24.8	25.1
	3H	24.5	25.9	24.8	26.2	26.5	24.7	26.1	25.1	26.4	26.7
	4H	25.2	26.5	25.6	26.8	27.2	25.5	26.8	25.9	27.1	27.5
	6H	25.8	27.1	26.2	27.4	27.8	26.1	27.3	26.5	27.7	28.0
	8H	26.1	27.3	26.5	27.6	28.0	26.3	27.5	26.7	27.9	28.2
	12H	26.3	27.5	26.7	27.8	28.2	26.5	27.7	26.9	28.0	28.4
4H	2H	23.5	24.8	23.8	25.1	25.4	23.6	25.0	24.0	25.3	25.6
	3H	25.3	26.5	25.7	26.8	27.2	25.5	26.7	25.9	27.0	27.4
	4H	26.2	27.2	26.6	27.6	28.0	26.4	27.5	26.8	27.9	28.3
	6H	27.0	27.9	27.4	28.3	28.8	27.2	28.1	27.6	28.5	29.0
	8H	27.3	28.2	27.8	28.6	29.1	27.5	28.3	27.9	28.8	29.3
	12H	27.6	28.4	28.1	28.8	29.3	27.7	28.5	28.2	29.0	29.5
8H	4H	26.5	27.4	27.0	27.8	28.3	26.7	27.6	27.2	28.0	28.5
	6H	27.5	28.2	28.0	28.7	29.2	27.7	28.4	28.2	28.9	29.4
	8H	27.9	28.6	28.4	29.1	29.6	28.1	28.7	28.6	29.2	29.7
	12H	28.3	28.9	28.9	29.4	30.0	28.4	29.0	29.0	29.5	30.0
12H	4H	26.6	27.4	27.0	27.8	28.3	26.7	27.5	27.2	28.0	28.5
	6H	27.6	28.2	28.1	28.7	29.2	27.7	28.4	28.3	28.9	29.4
	8H	28.1	28.6	28.6	29.1	29.7	28.2	28.8	28.7	29.3	29.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117, 647.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.5)  
Area: 0.01 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

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:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm		
NAME: SF08-24V-2835-120-5000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

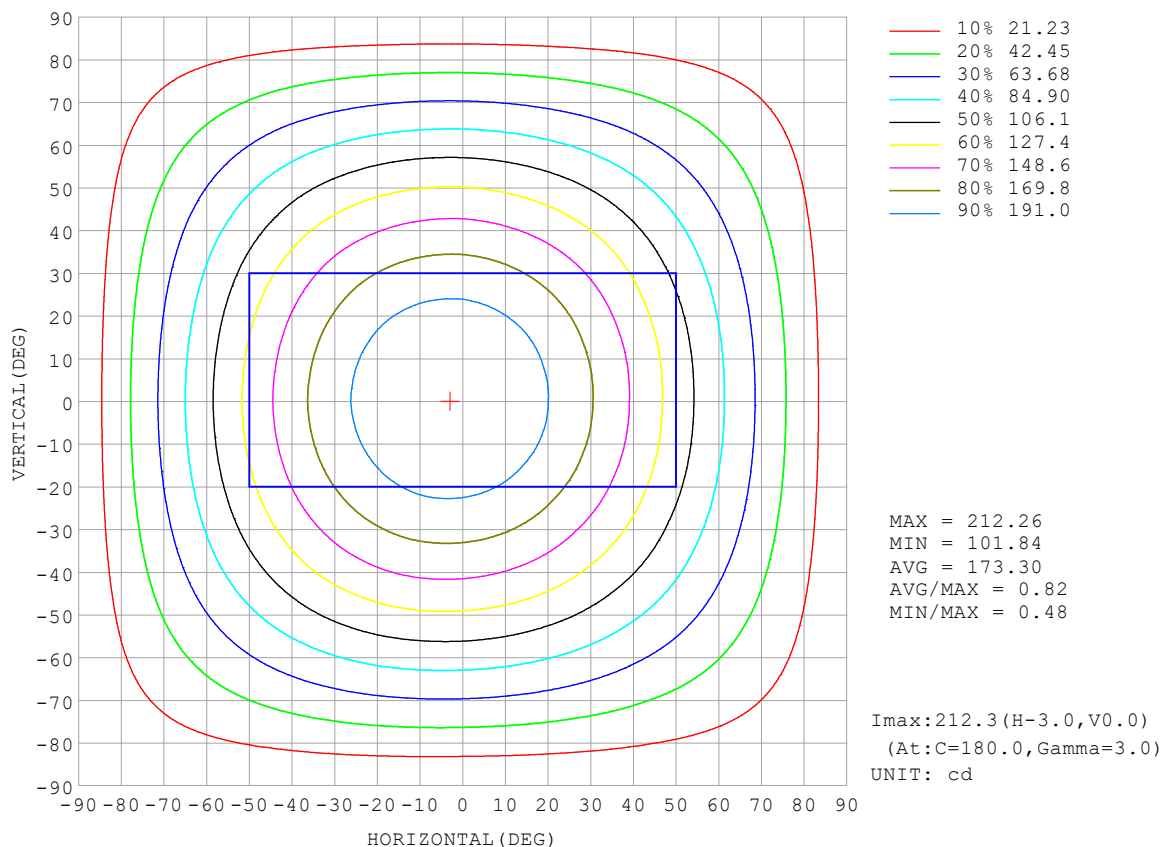
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	80	72	66	58
2.00	93	84	77	91	82	76	87	80	74	65
2.50	97	89	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	88	83	73
4.00	104	98	93	102	96	92	97	92	88	78
5.00	107	102	97	104	99	95	99	95	92	81
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: 2024-11-05

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:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm		
NAME: SF08-24V-2835-120-5000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



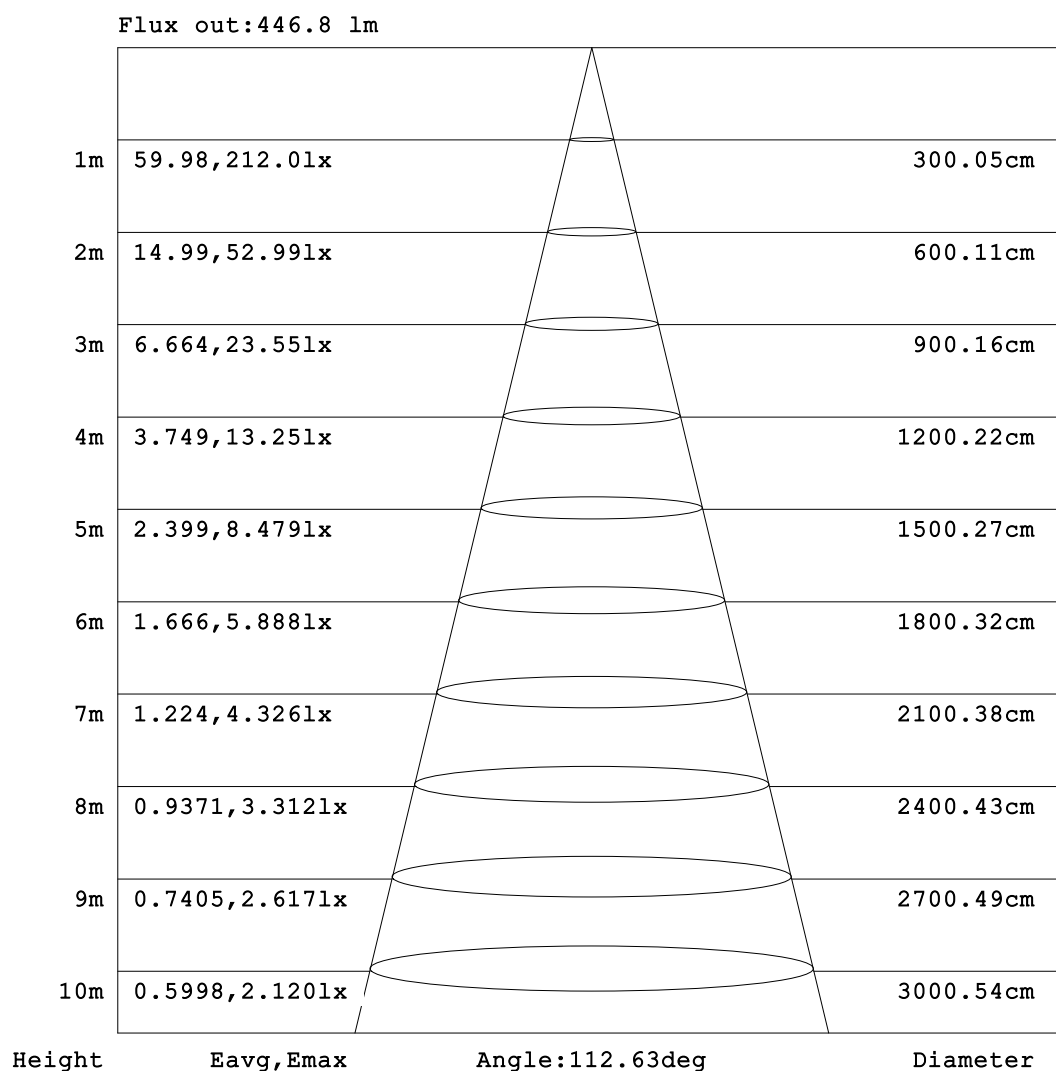
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-11-05

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:



## AAI Figure

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm		
NAME: SF08-24V-2835-120-5000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



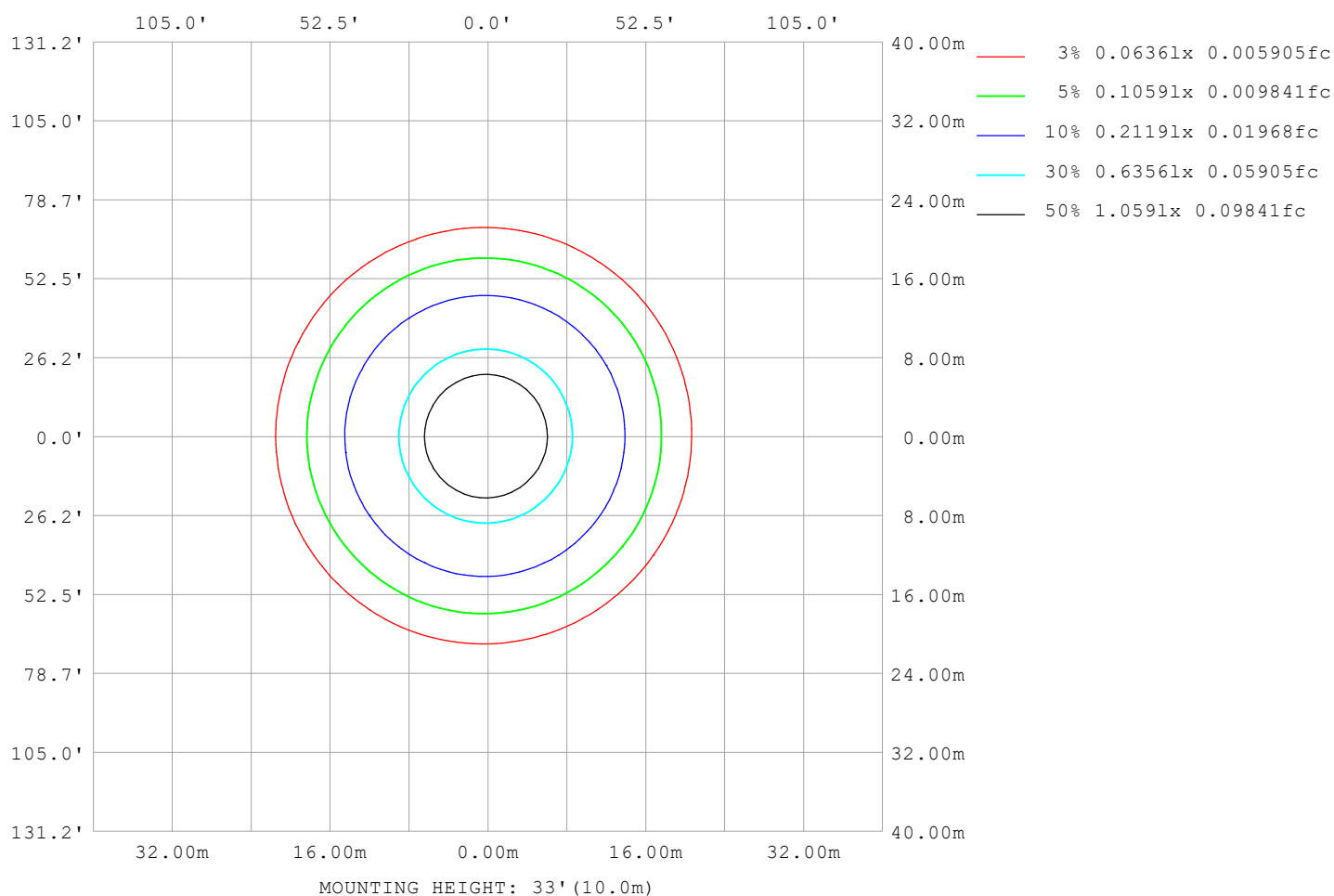
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

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:

## ISOLUX DIAGRAM

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm		
NAME: SF08-24V-2835-120-5000-80	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: 2024-11-05

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:

## LED Avg.L Report

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm		
NAME: SF08-24V-2835-120-5000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

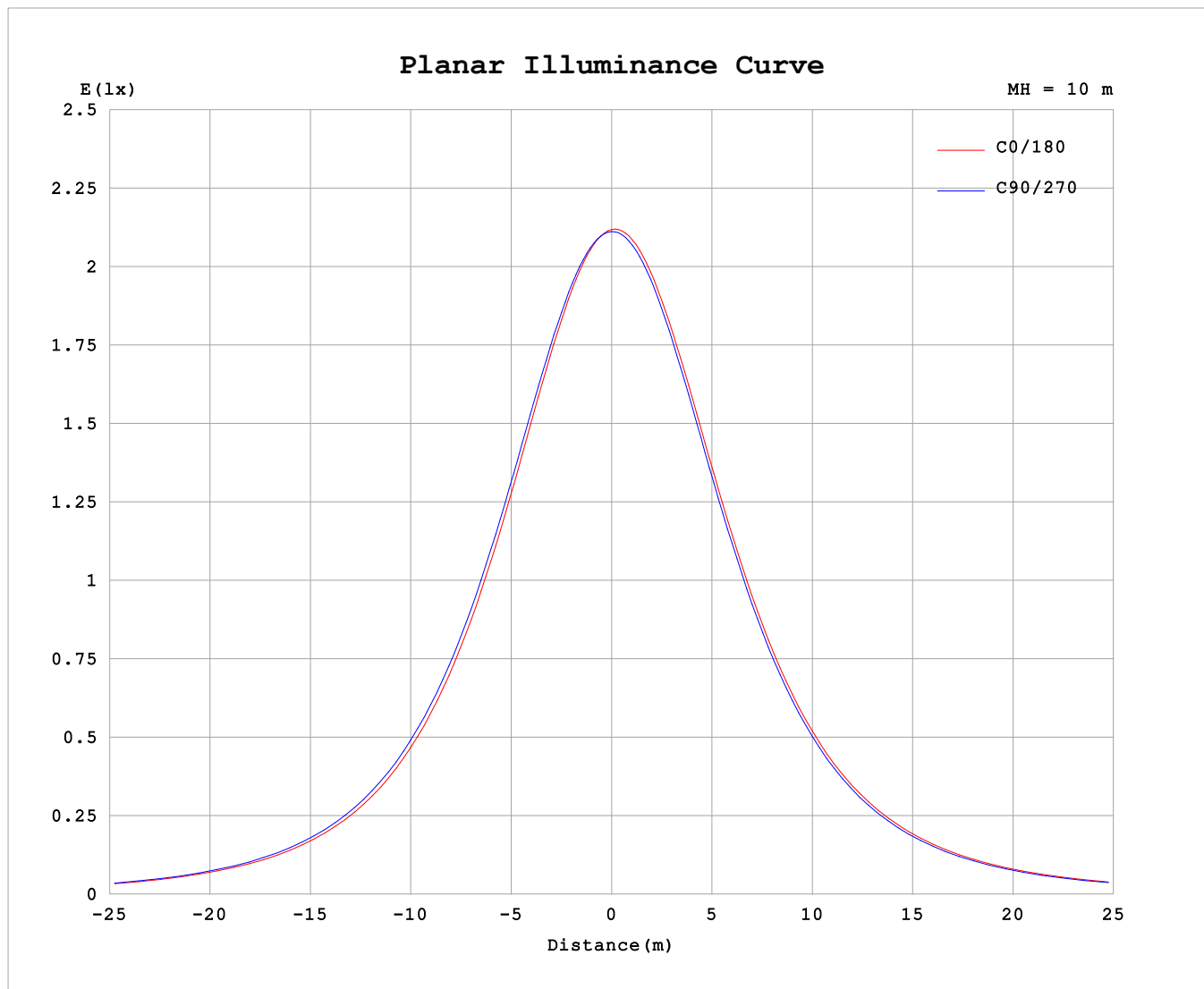
AvgL	cd/m2
L_0~180 (65) av	18765
L_0~180 (75) av	18594
L_0~180 (85) av	21400
L_90~270 (65) av	18874
L_90~270 (75) av	18456
L_90~270 (85) av	18717
L_45 (65) av	18820
L_45 (75) av	18531
L_45 (85) av	19862

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

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:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Cloud  
Test Date: 2024-11-05

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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4273A P:10.26W PF:1.000 Freq:0Hz Lamp Flux:647.77x1 lm																	
NAME: SF08-24V-2835-120-5000-80									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

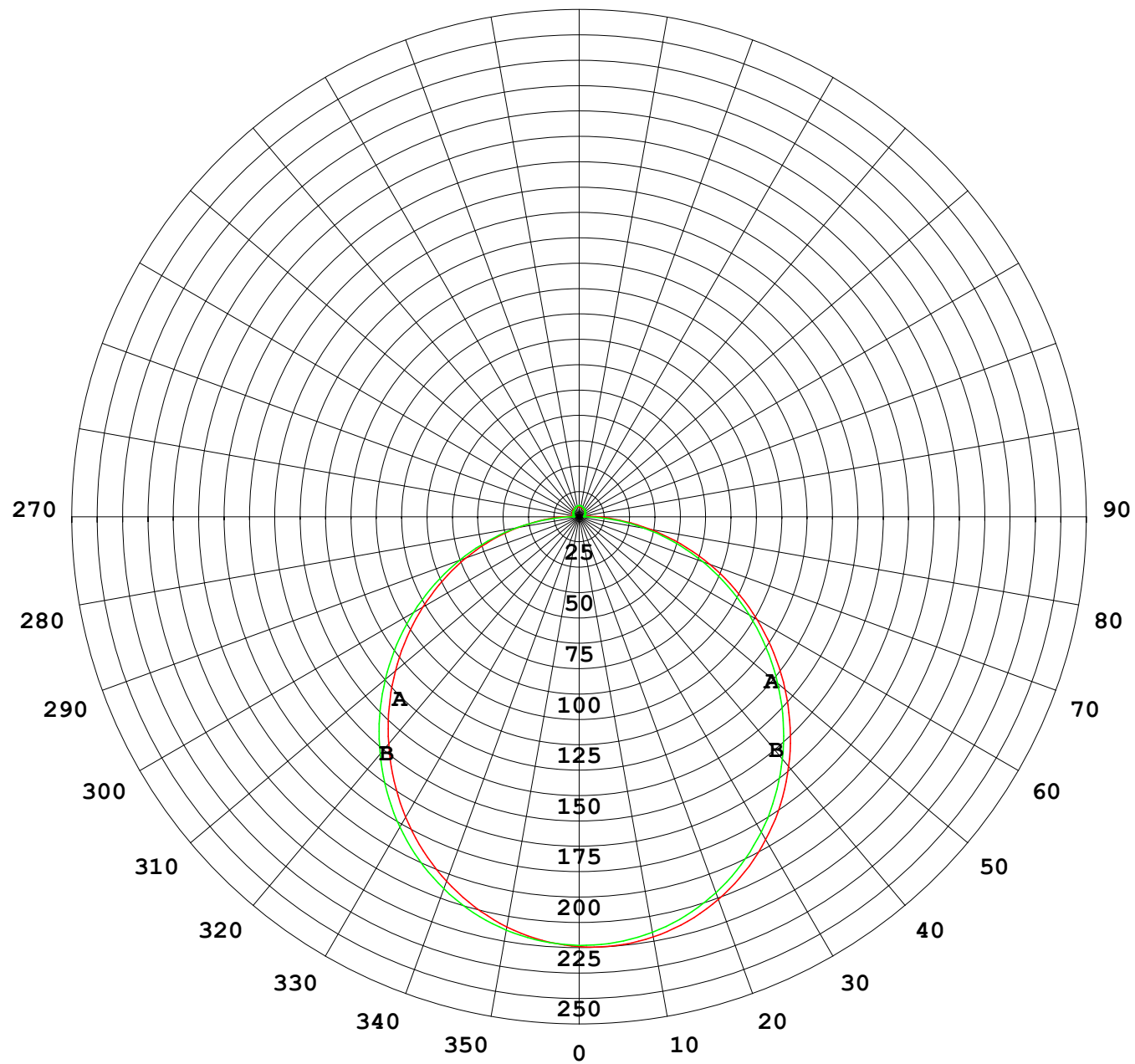
UNIT: cd

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	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211			
5	209	209	209	210	210	211	211	211	211	212	212	211	211	211	210	210	209			
10	205	205	205	206	207	208	209	209	210	210	210	209	208	207	206	205				
15	199	199	200	201	202	204	205	206	206	206	206	205	204	202	201	200				
20	191	191	192	193	195	197	199	200	200	200	200	199	197	195	194	192				
25	181	182	183	185	187	189	191	192	193	193	192	191	189	187	185	183				
30	171	171	172	175	177	180	181	183	183	183	183	181	180	177	175	172				
35	159	159	160	163	165	168	170	172	173	172	172	170	168	166	163	161				
40	146	146	147	150	153	156	158	160	160	160	160	158	156	153	151	148				
45	132	132	133	136	139	142	144	146	147	147	146	144	142	140	137	134				
50	118	118	119	122	125	128	130	131	132	132	131	130	128	125	123	120				
55	103	103	104	107	110	113	115	116	117	117	116	114	113	110	108	105				
60	88.7	88.5	89.4	91.7	94.3	97.0	98.7	100	101	101	100	98.6	97.0	94.8	92.6	90.5				
65	73.9	73.7	74.4	76.3	78.6	80.9	82.4	83.8	84.7	84.5	84.0	82.4	81.0	79.0	77.3	75.5				
70	59.1	59.0	59.4	60.9	62.7	64.7	66.0	67.3	68.2	68.0	67.5	66.1	64.8	63.3	62.0	60.5				
75	44.6	44.4	44.5	45.5	46.8	48.5	49.6	50.8	51.7	51.5	51.0	49.8	48.7	47.6	46.7	45.7				
80	30.2	30.1	29.8	30.4	31.1	32.4	33.3	34.4	35.3	35.0	34.6	33.5	32.8	32.1	31.7	31.1				
85	17.3	16.9	15.8	15.5	15.6	16.5	17.6	19.1	20.0	19.5	18.6	17.4	17.1	16.8	17.2	17.5				
90	8.23	7.69	6.12	4.16	2.60	4.54	6.97	8.85	9.59	8.99	7.38	4.84	2.52	4.44	6.71	7.95				
95	3.67	3.43	2.99	2.73	2.69	2.73	2.78	3.29	3.48	3.18	2.56	2.36	2.38	2.57	2.91	3.34				
100	3.13	3.07	2.99	2.91	2.89	2.91	2.89	2.90	2.61	2.60	2.61	2.52	2.55	2.70	2.90	2.89				
105	3.29	3.27	3.19	3.11	3.09	3.12	3.10	3.11	2.79	2.80	2.81	2.73	2.76	2.83	3.09	3.05				
110	3.50	3.47	3.39	3.30	3.27	3.33	3.30	3.32	2.99	2.98	3.01	2.94	2.99	2.94	3.29	3.25				
115	3.70	3.68	3.58	3.47	3.44	3.53	3.51	3.53	3.17	3.16	3.21	3.15	3.21	3.17	3.47	3.44				
120	3.89	3.86	3.61	3.61	3.60	3.72	3.70	3.73	3.36	3.35	3.41	3.36	3.43	3.43	3.67	3.63				
125	4.07	4.04	3.76	3.77	3.76	3.89	3.89	3.92	3.53	3.54	3.61	3.57	3.64	3.66	3.76	3.81				
130	4.25	4.21	3.91	3.93	3.92	4.07	4.08	4.10	3.72	3.74	3.82	3.80	3.87	3.88	3.76	3.99				
135	4.40	4.36	4.06	4.09	4.08	4.25	4.26	4.28	3.91	3.93	4.02	4.02	4.09	4.10	3.98	4.17				
140	4.54	4.24	4.20	4.25	4.24	4.44	4.43	4.46	4.10	4.13	4.23	4.24	4.31	4.32	4.35	4.29				
145	4.68	4.37	4.36	4.41	4.40	4.63	4.61	4.63	4.29	4.33	4.43	4.46	4.53	4.53	4.54	4.43				
150	4.81	4.51	4.51	4.57	4.77	4.82	4.79	4.80	4.48	4.52	4.63	4.68	4.74	4.73	4.72	4.51				
155	4.96	4.67	4.66	4.95	4.96	5.01	4.98	4.98	4.67	4.72	4.83	4.89	4.94	4.91	4.91	4.61				
160	5.11	4.82	5.09	5.13	5.14	5.19	5.15	5.15	4.86	4.92	5.03	5.06	5.12	5.08	5.09	4.99				
165	5.25	4.96	5.24	5.29	5.30	5.33	5.29	5.29	4.92	5.11	5.20	5.24	5.29	5.25	5.25	5.17				
170	5.05	5.12	5.35	5.42	5.42	5.45	5.40	5.41	4.94	5.27	5.35	5.38	5.42	5.39	5.38	5.33				
175	5.11	5.45	5.45	5.52	5.52	5.55	5.50	5.49	5.07	5.39	5.46	5.48	5.53	5.50	5.49	5.43				
180	5.15	5.46	5.50	5.55	5.57	5.57	5.54	5.53	5.15	5.46	5.50	5.55	5.57	5.57	5.56	5.52				

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-05

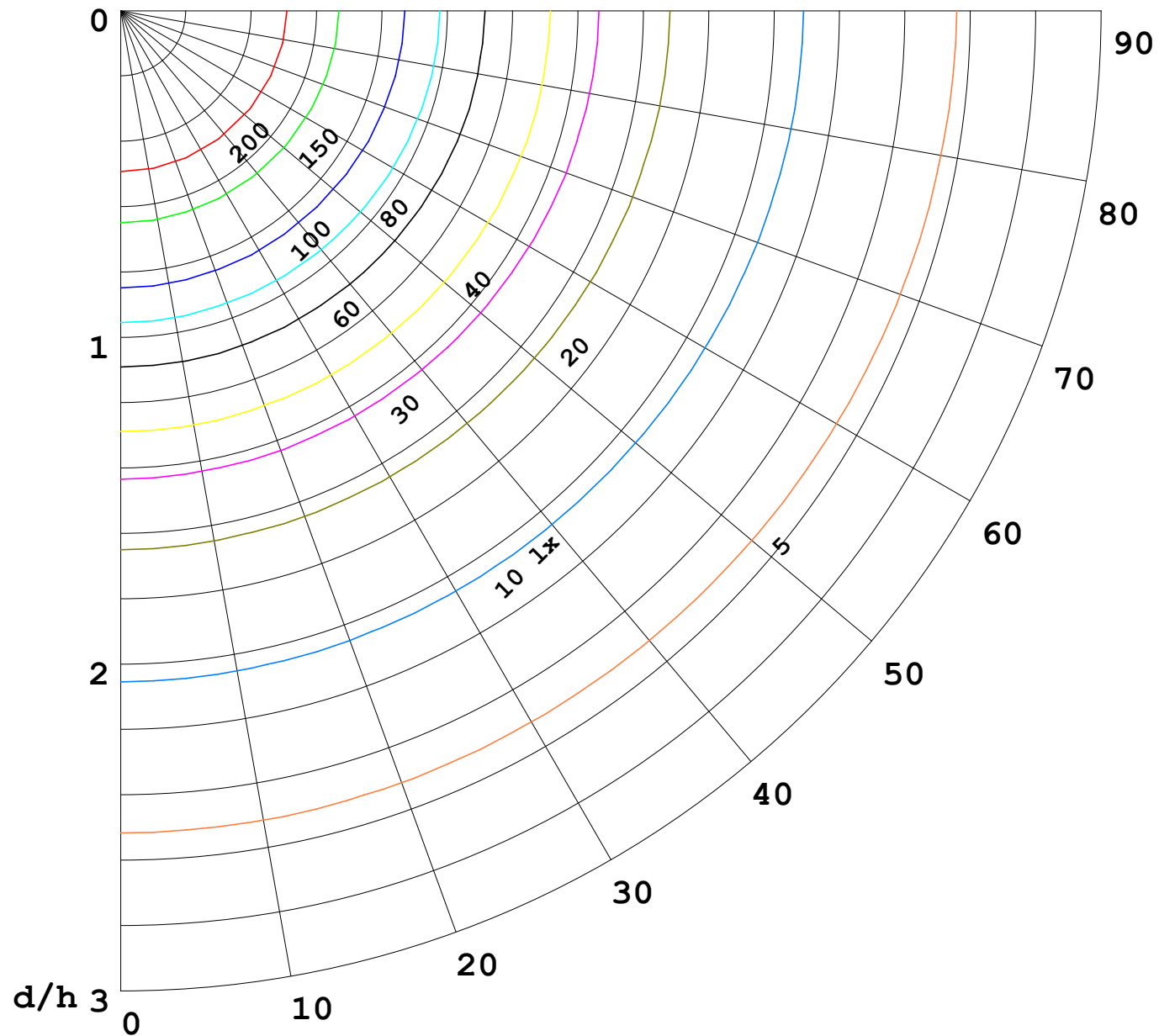
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

