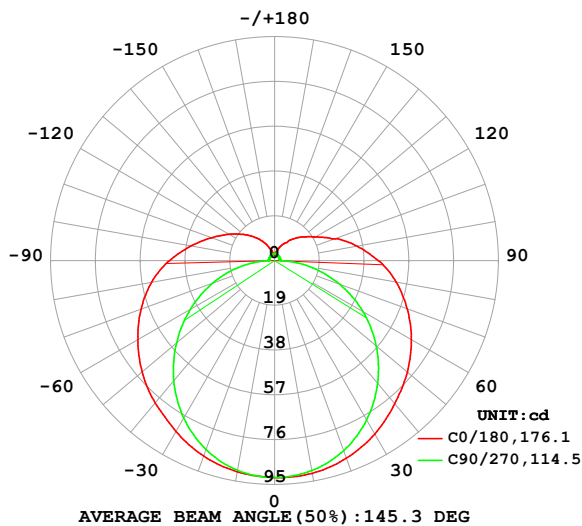


LUMINAIRE PHOTOMETRIC TEST REPORT

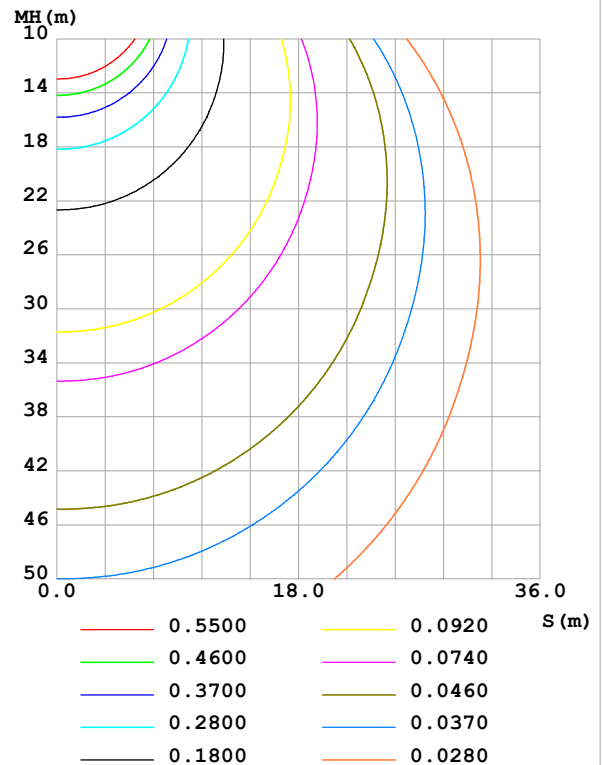
Test:U:24.00V I:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 36.27 lm/W			
MODEL		I _{max} (cd)	92.12	S/MH(C0/180)	1.36
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	441.46	η UP,DN(C0-180)	9.6,40.5
NOMINAL FLUX(lm)	441.458	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	9.7,40.3
LAMPS INSIDE	1	η up (%)	19.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	80.8	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:2024-10-25

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	91.64	91.32	90.50	90.67	90.99	90.63	90.36	91.21	0- 10	8.733	8.733	1.98,1.98
20	89.20	87.95	85.79	86.99	88.23	86.83	85.26	87.74	10- 20	25.26	33.99	7.7,7.7
30	84.96	82.09	78.09	80.97	83.71	80.59	77.14	81.75	20- 30	38.98	72.97	16.5,16.5
40	79.27	74.16	68.02	72.95	78.87	72.54	66.56	73.88	30- 40	48.50	121.5	27.5,27.5
50	73.53	64.91	56.33	64.54	73.39	64.31	54.36	64.67	40- 50	53.36	174.8	39.6,39.6
60	67.04	55.90	43.33	55.44	67.04	55.50	41.27	55.80	50- 60	53.67	228.5	51.8,51.8
70	59.87	46.96	29.32	46.32	60.32	46.60	27.89	46.87	60- 70	49.96	278.5	63.1,63.1
80	52.36	38.53	15.21	37.96	52.99	38.47	14.56	38.58	70- 80	43.31	321.8	72.9,72.9
90	44.05	30.59	2.565	29.96	44.59	30.47	2.581	30.81	80- 90	34.86	356.6	80.8,80.8
100	35.57	23.52	2.215	22.99	36.09	23.43	2.651	22.60	90-100	26.62	383.2	86.8,86.8
110	27.37	16.13	2.226	17.88	28.53	18.27	2.648	14.59	100-110	19.44	402.7	91.2,91.2
120	20.25	12.16	2.304	14.14	22.42	14.45	2.648	12.40	110-120	14.20	416.9	94.4,94.4
130	15.70	9.033	2.353	10.99	17.33	11.24	2.695	9.505	120-130	10.18	427.1	96.7,96.7
140	12.00	6.970	2.397	8.062	12.91	8.299	2.781	7.209	130-140	6.807	433.9	98.3,98.3
150	8.582	5.230	2.638	5.547	8.830	5.670	2.871	5.328	140-150	4.099	438.0	99.2,99.2
160	5.956	4.176	2.813	3.591	5.184	3.615	2.960	3.831	150-160	2.188	440.2	99.7,99.7
170	3.237	3.363	2.926	3.008	2.766	2.973	3.012	3.294	160-170	0.9986	441.2	99.9,99.9
180	2.724	3.063	3.012	3.060	2.712	3.063	3.018	3.063	170-180	0.2899	441.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 147.84 lm

%lum = 33.5%

%lamp = 33.5%

Conical surface Flux(130deg): 254.15 lm

%lum = 57.6%

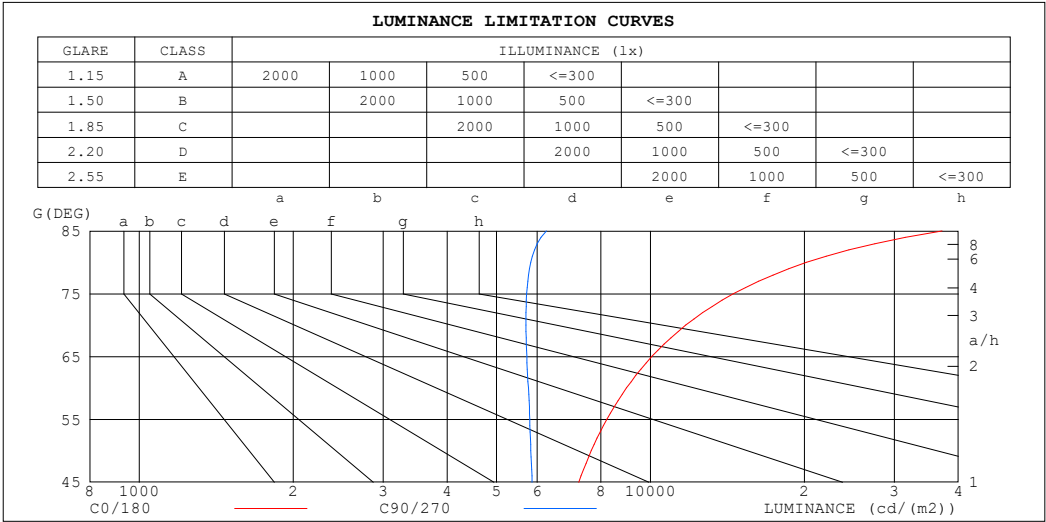
%lamp = 57.6%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Cloud
 Test Date:2024-10-25

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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	37172	6259
80	20192	5831
75	14525	5725
70	11724	5706
65	10061	5727
60	8980	5768
55	8214	5803
50	7661	5832
45	7238	5868

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:2024-10-25	Remarks:

WEC AND CCEC

Test:U:24.00V I:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm					
NAME: SF21-24V-5050-60-3000-80			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	.391	.223	.071	.378	.216	.069	.354	.203	.065	.331	.191	.061	.310	.180	.058															
2.0	.337	.185	.057	.325	.179	.055	.303	.168	.052	.282	.158	.050	.264	.149	.047															
3.0	.298	.159	.048	.288	.154	.046	.268	.145	.044	.249	.136	.042	.232	.128	.040															
4.0	.268	.139	.041	.258	.135	.040	.240	.127	.038	.223	.120	.036	.208	.113	.034															
5.0	.243	.124	.036	.235	.120	.035	.218	.114	.033	.203	.107	.032	.188	.101	.030															
6.0	.223	.112	.032	.215	.108	.031	.200	.102	.030	.186	.096	.028	.172	.091	.027															
7.0	.205	.101	.029	.198	.099	.028	.184	.093	.027	.171	.088	.026	.159	.083	.024															
8.0	.190	.093	.026	.184	.090	.026	.171	.085	.024	.159	.081	.023	.148	.076	.022															
9.0	.177	.086	.024	.171	.083	.023	.159	.079	.022	.148	.074	.021	.138	.070	.020															
10.0	.166	.079	.022	.160	.077	.022	.149	.073	.021	.139	.069	.020	.129	.065	.019															

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	.337	.337	.337	.288	.288	.288	.197	.197	.197	.113	.113	.113	.036	.036	.036	
1.0	.334	.303	.276	.285	.260	.237	.195	.179	.164	.112	.104	.095	.036	.033	.031	
2.0	.327	.280	.241	.280	.241	.208	.192	.167	.145	.111	.097	.085	.035	.031	.028	
3.0	.319	.264	.220	.274	.228	.190	.188	.158	.134	.109	.092	.079	.035	.030	.026	
4.0	.312	.251	.206	.267	.217	.179	.184	.151	.126	.106	.089	.074	.034	.029	.024	
5.0	.304	.242	.196	.261	.209	.170	.180	.146	.120	.104	.086	.071	.034	.028	.024	
6.0	.296	.234	.189	.255	.202	.164	.176	.142	.116	.102	.083	.069	.033	.027	.023	
7.0	.289	.227	.184	.249	.197	.160	.172	.138	.113	.100	.081	.068	.032	.027	.022	
8.0	.283	.222	.180	.243	.192	.157	.168	.135	.111	.098	.080	.066	.032	.026	.022	
9.0	.276	.217	.177	.238	.188	.154	.165	.132	.109	.096	.078	.065	.031	.026	.022	
10.0	.270	.213	.174	.233	.185	.152	.162	.130	.108	.094	.077	.065	.031	.025	.021	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm											
NAME: SF21-24V-5050-60-3000-80					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	23.6	25.0	24.2	25.5	26.1	21.7	23.1	22.3	23.6	24.2
	3H	26.4	27.6	26.9	28.2	28.8	23.5	24.7	24.0	25.3	25.9
	4H	27.9	29.1	28.5	29.7	30.3	24.3	25.5	24.9	26.1	26.7
	6H	29.6	30.7	30.2	31.3	32.0	25.0	26.1	25.6	26.7	27.4
	8H	30.5	31.6	31.1	32.2	32.9	25.3	26.4	25.9	27.0	27.6
	12H	31.6	32.7	32.2	33.3	34.0	25.5	26.5	26.1	27.2	27.9
4H	2H	24.2	25.4	24.8	26.0	26.6	22.8	24.0	23.4	24.6	25.3
	3H	27.2	28.3	27.8	28.9	29.6	24.8	25.9	25.4	26.5	27.2
	4H	28.9	29.9	29.6	30.5	31.3	25.8	26.8	26.4	27.4	28.1
	6H	30.9	31.7	31.5	32.4	33.1	26.7	27.5	27.3	28.2	29.0
	8H	31.9	32.7	32.6	33.4	34.2	27.1	27.9	27.7	28.5	29.3
	12H	33.1	33.9	33.8	34.6	35.4	27.4	28.1	28.1	28.8	29.6
8H	4H	29.3	30.1	30.0	30.8	31.6	26.8	27.6	27.5	28.3	29.1
	6H	31.5	32.2	32.2	32.9	33.7	28.0	28.7	28.8	29.4	30.3
	8H	32.8	33.4	33.5	34.1	35.0	28.6	29.2	29.3	30.0	30.8
	12H	34.3	34.8	35.0	35.6	36.4	29.2	29.7	29.9	30.4	31.3
12H	4H	29.3	30.1	30.0	30.8	31.6	27.2	27.9	27.8	28.6	29.4
	6H	31.7	32.3	32.4	33.0	33.8	28.6	29.2	29.3	29.9	30.8
	8H	33.1	33.6	33.8	34.3	35.2	29.4	29.9	30.1	30.6	31.5
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					+ 0.2 / - 0.4				

CIE Pub.117, 441.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.8)
Area: 0.015 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

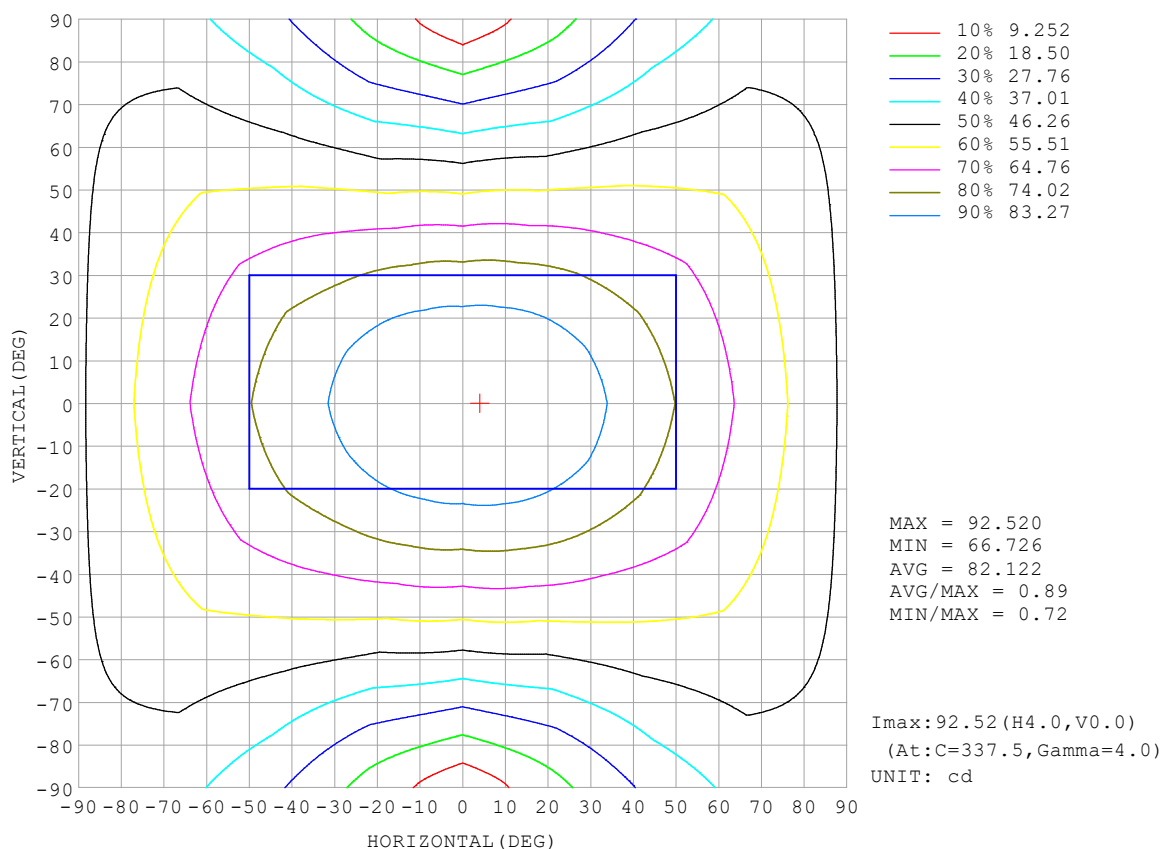
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	35	27	46	34	27	44	33	27	20
0.80	56	43	35	55	42	35	52	41	34	26
1.00	64	51	42	62	50	42	58	50	40	32
1.25	71	58	49	68	57	48	64	54	47	37
1.50	76	63	55	73	62	54	68	59	52	41
2.00	83	72	63	80	70	62	74	66	59	47
2.50	88	77	69	84	75	67	78	70	64	51
3.00	91	82	74	88	79	72	81	74	68	55
4.00	96	88	81	92	85	79	85	79	74	59
5.00	99	92	86	95	89	83	87	82	78	62
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: 2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

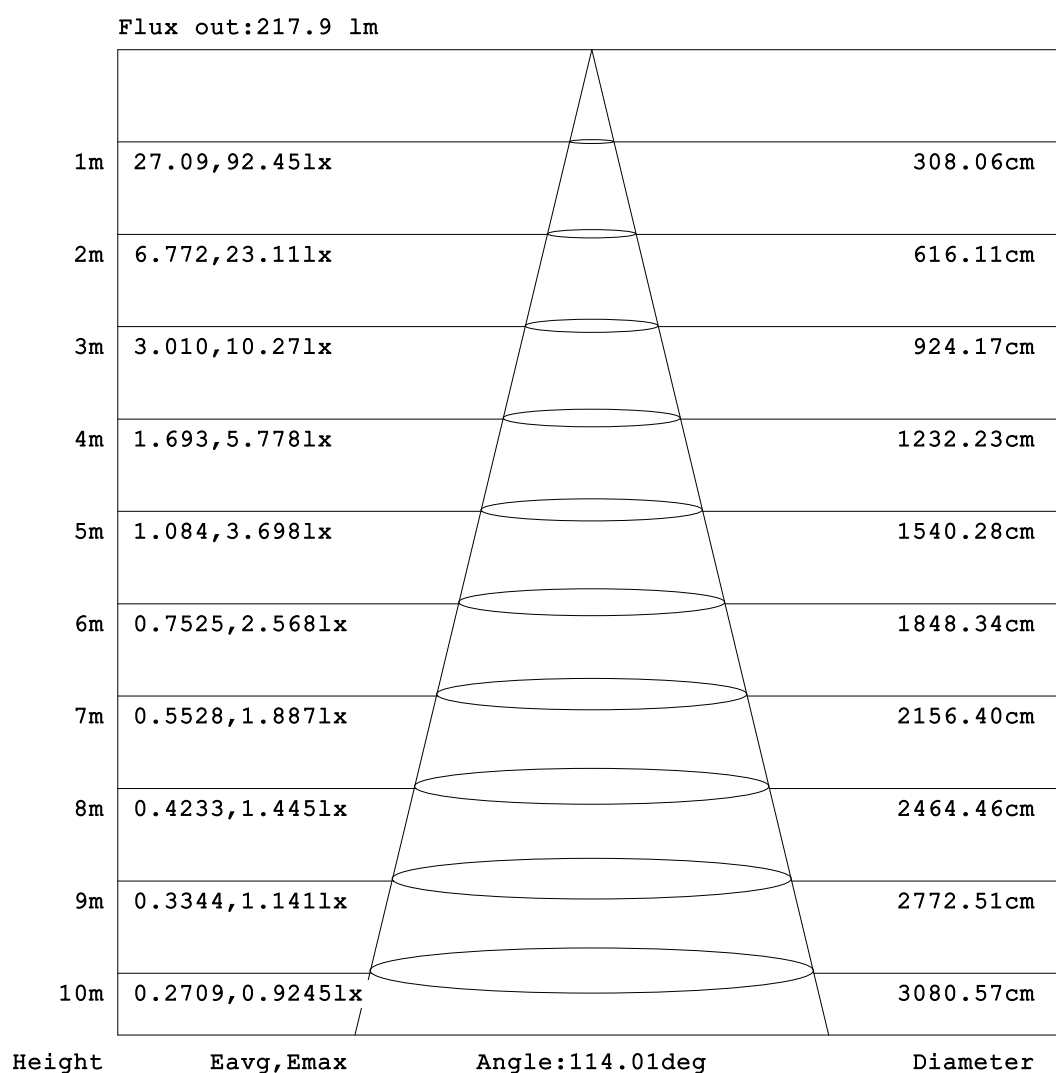


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



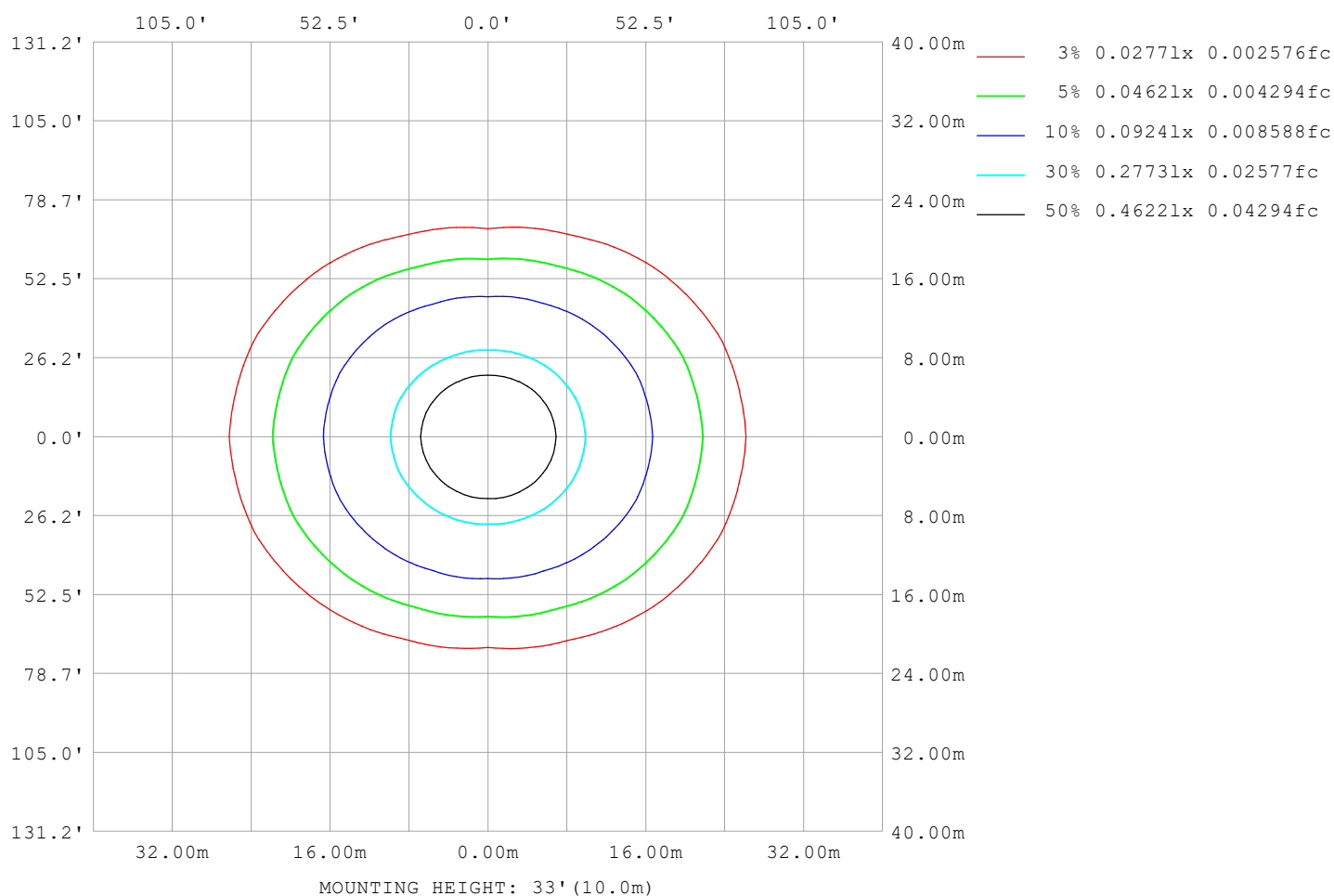
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	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: 2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm		
NAME: SF21-24V-5050-60-3000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

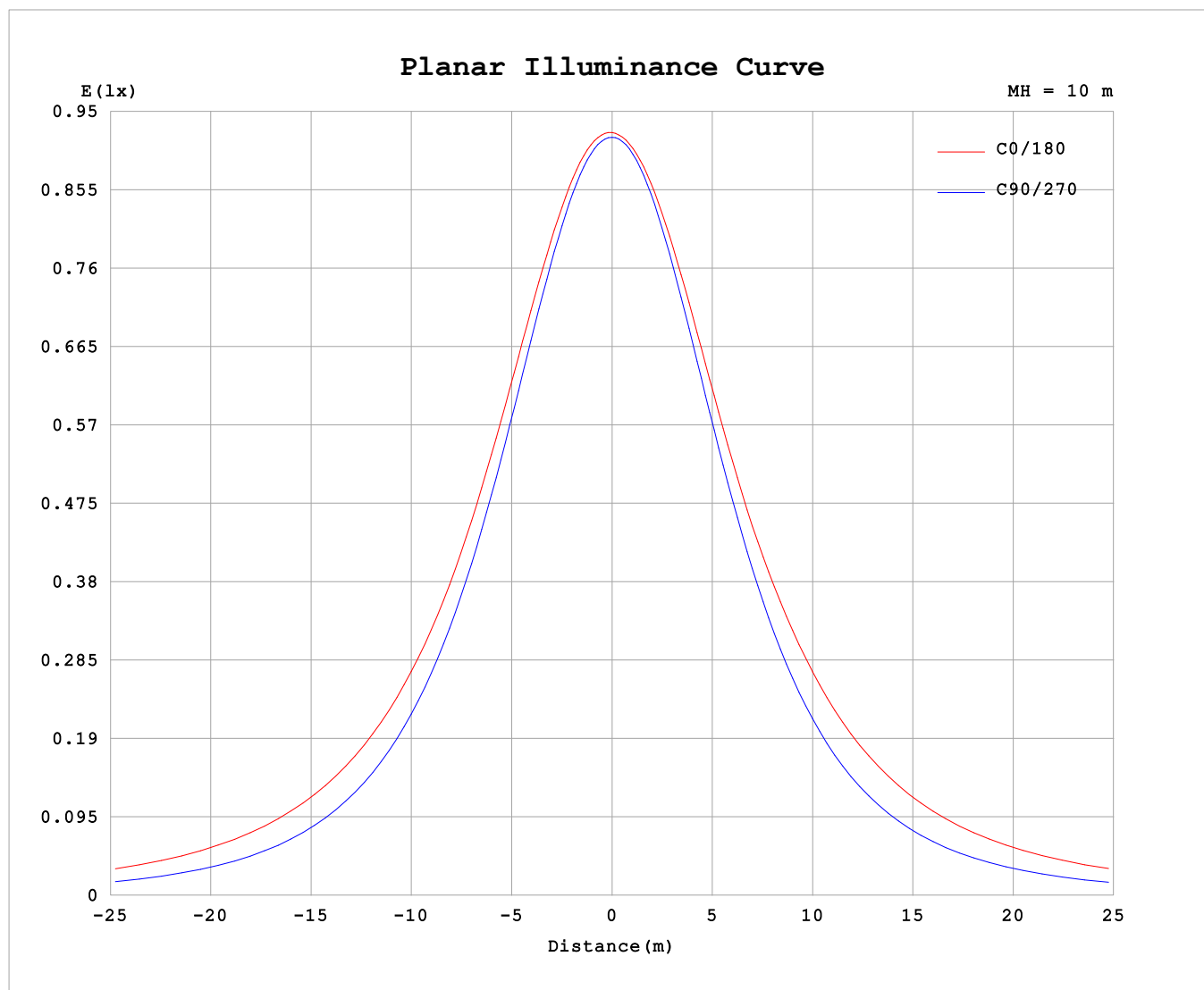
AvgL	cd/m2
L_0~180 (65) av	10035
L_0~180 (75) av	14539
L_0~180 (85) av	37228
L_90~270 (65) av	5597
L_90~270 (75) av	5601
L_90~270 (85) av	6158
L_45 (65) av	8065
L_45 (75) av	10933
L_45 (85) av	26335

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-25

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: 2024-10-25

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:0.5072A P:12.17W PF:1.000 Freq:0Hz Lamp Flux:441.458x1 lm																		
NAME: SF21-24V-5050-60-3000-80									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

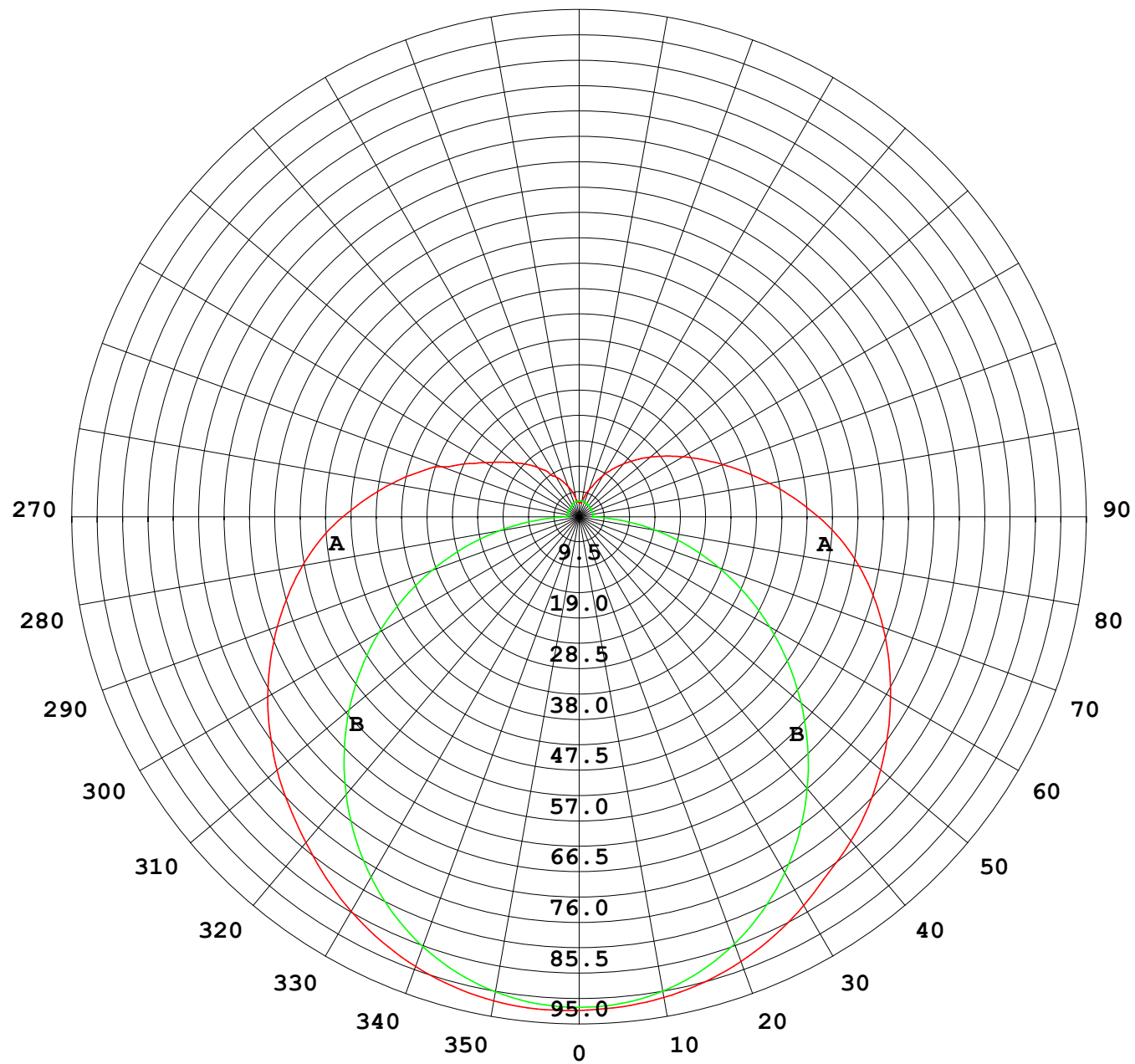
UNIT: cd

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	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0			
5	92.1	92.1	92.0	91.8	91.7	91.6	91.6	91.6	91.7	91.6	91.6	91.6	91.6	91.8	91.9	92.1			
10	91.6	91.6	91.3	90.8	90.5	90.5	90.7	90.9	91.0	90.8	90.6	90.3	90.4	90.7	91.2	91.6			
15	90.7	90.6	90.0	89.1	88.5	88.7	89.2	89.7	89.9	89.6	89.0	88.3	88.2	88.8	89.8	90.5			
20	89.2	88.9	87.9	86.7	85.8	86.1	87.0	87.9	88.2	87.8	86.8	85.6	85.3	86.2	87.7	88.9			
25	87.3	86.8	85.3	83.5	82.3	82.8	84.3	85.7	86.2	85.5	84.0	82.2	81.6	82.8	85.0	86.8			
30	85.0	84.2	82.1	79.7	78.1	79.0	81.0	82.9	83.7	82.8	80.6	78.1	77.1	78.8	81.8	84.2			
35	82.2	81.2	78.3	75.3	73.3	74.6	77.2	79.9	81.1	79.7	76.7	73.5	72.1	74.2	78.0	81.3			
40	79.3	77.8	74.2	70.3	68.0	69.7	72.9	77.1	78.9	77.0	72.5	68.4	66.6	69.1	73.9	77.9			
45	76.4	74.4	69.6	64.9	62.3	64.3	68.6	74.2	76.3	74.2	68.3	62.9	60.6	63.7	69.4	74.5			
50	73.5	71.0	64.9	59.2	56.3	58.7	64.5	71.0	73.4	70.9	64.3	57.1	54.4	58.0	64.7	71.2			
55	70.3	67.5	60.4	53.2	50.0	52.7	60.1	67.4	70.3	67.5	60.0	51.2	47.9	52.1	60.2	67.8			
60	67.0	63.9	55.9	47.1	43.3	46.7	55.4	63.8	67.0	63.9	55.5	45.4	41.3	46.1	55.8	64.3			
65	63.5	60.2	51.4	41.1	36.4	40.9	50.8	60.1	63.7	60.3	51.0	39.9	34.6	40.2	51.3	60.6			
70	59.9	56.4	47.0	35.4	29.3	35.0	46.3	56.5	60.3	56.6	46.6	34.5	27.9	34.6	46.9	56.8			
75	56.1	52.6	42.6	29.9	22.3	29.3	42.1	52.7	56.8	52.9	42.5	29.1	21.2	29.3	42.6	53.0			
80	52.4	48.8	38.5	24.8	15.2	24.1	38.0	48.8	53.0	49.1	38.5	24.2	14.6	24.3	38.6	49.2			
85	48.4	44.8	34.6	20.3	8.20	19.5	33.9	44.8	49.0	45.0	34.5	19.9	7.90	19.7	34.7	45.3			
90	44.0	40.7	30.6	16.4	2.56	15.6	30.0	40.6	44.6	40.7	30.5	16.2	2.58	15.8	30.8	41.2			
95	39.7	36.5	26.9	13.4	2.28	12.7	26.3	36.4	40.2	36.5	26.7	13.2	2.61	12.8	27.0	37.0			
100	35.6	32.6	23.5	9.61	2.21	10.7	23.0	32.4	36.1	32.6	23.4	11.3	2.65	7.99	22.6	32.9			
105	31.5	28.6	19.1	7.82	2.23	9.38	20.2	28.8	32.1	28.9	20.6	9.97	2.65	6.47	17.7	25.4			
110	27.4	23.9	16.1	7.50	2.23	8.36	17.9	25.5	28.5	25.6	18.3	8.95	2.65	6.74	14.6	22.2			
115	23.4	20.8	13.8	7.07	2.29	7.47	15.9	22.7	25.3	22.7	16.2	8.01	2.65	6.84	13.5	19.8			
120	20.2	18.2	12.2	6.10	2.30	6.66	14.1	20.1	22.4	20.1	14.4	7.14	2.65	6.52	12.4	17.8			
125	17.8	15.9	10.7	5.49	2.33	5.72	12.5	17.7	19.8	17.7	12.8	6.17	2.66	5.88	11.2	16.2			
130	15.7	13.8	9.03	4.98	2.35	5.00	11.0	15.5	17.3	15.5	11.2	5.38	2.69	5.23	9.51	14.3			
135	13.9	12.5	7.96	4.61	2.38	4.38	9.55	13.5	15.1	13.5	9.78	4.72	2.74	4.71	8.28	12.5			
140	12.0	10.8	6.97	4.23	2.40	3.86	8.06	11.5	12.9	11.5	8.30	4.13	2.78	4.27	7.21	10.9			
145	10.2	8.16	5.98	3.87	2.42	3.25	6.70	9.72	10.9	9.73	6.83	3.51	2.83	3.87	6.24	8.92			
150	8.58	6.74	5.23	3.44	2.64	2.99	5.55	7.77	8.83	7.78	5.67	3.19	2.87	3.45	5.33	7.24			
155	7.32	5.71	4.49	3.49	2.74	2.83	4.57	6.23	6.73	6.23	4.66	2.96	2.92	3.27	4.50	5.88			
160	5.96	4.66	4.18	3.31	2.81	2.85	3.59	4.89	5.18	4.91	3.62	2.90	2.96	3.25	3.83	4.72			
165	4.77	3.77	3.75	3.16	2.87	2.92	3.13	3.61	3.93	3.62	3.11	2.91	2.99	3.17	3.51	3.77			
170	3.24	3.25	3.36	3.05	2.93	2.98	3.01	3.05	2.77	3.06	2.97	2.96	3.01	3.09	3.29	3.29			
175	2.79	3.12	3.12	3.03	2.97	3.02	3.03	3.05	2.70	3.03	3.04	2.99	3.02	3.06	3.09	3.16			
180	2.72	3.05	3.06	3.03	3.01	3.04	3.06	3.09	2.71	3.05	3.06	3.01	3.02	3.05	3.06	3.09			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-25

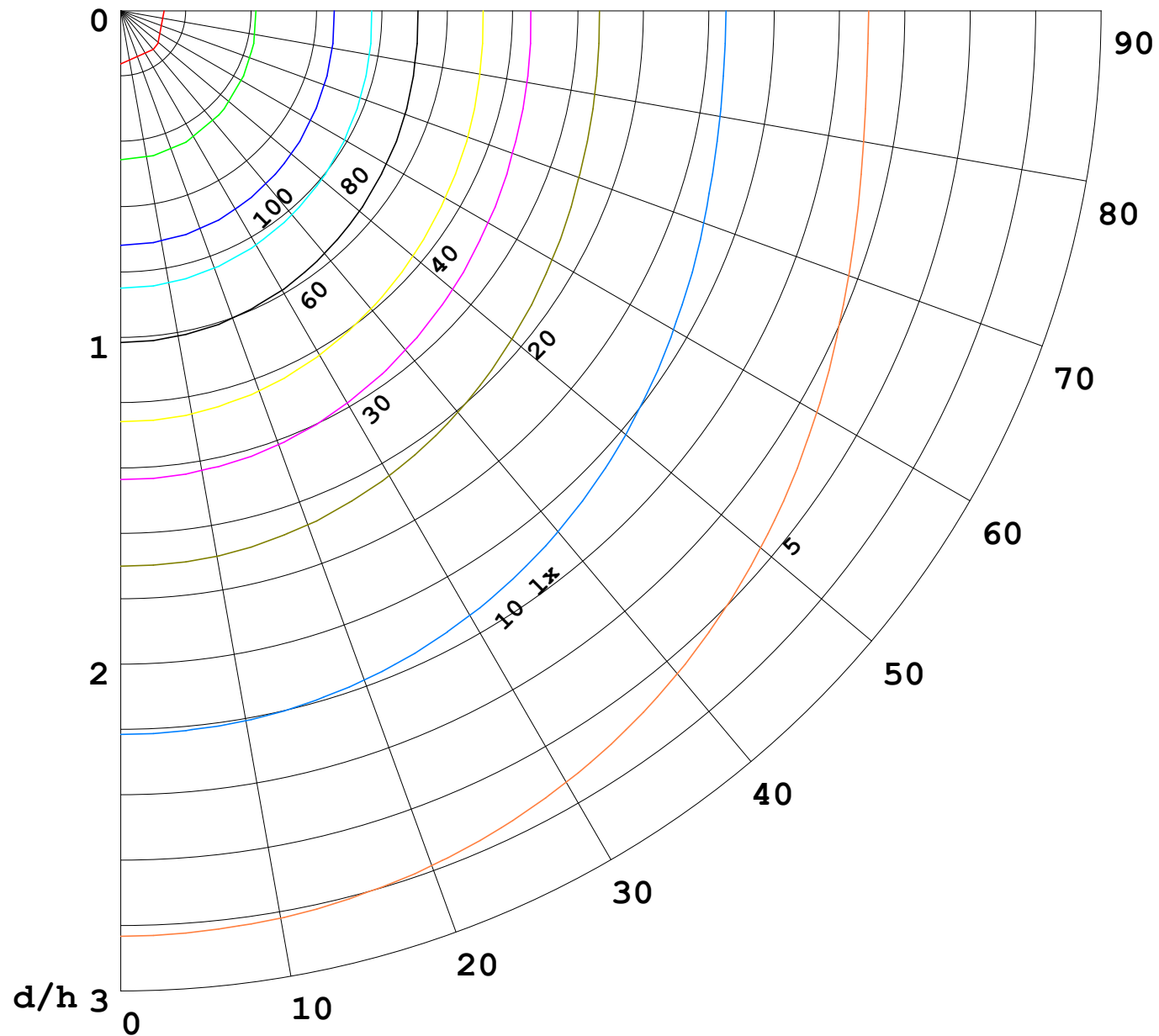
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks:

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

