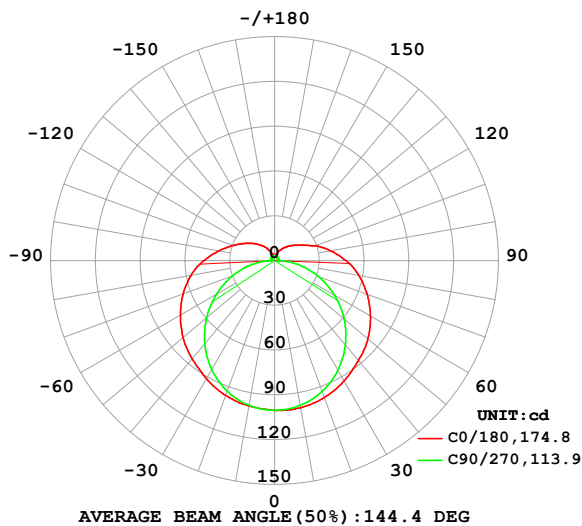


## LUMINAIRE PHOTOMETRIC TEST REPORT

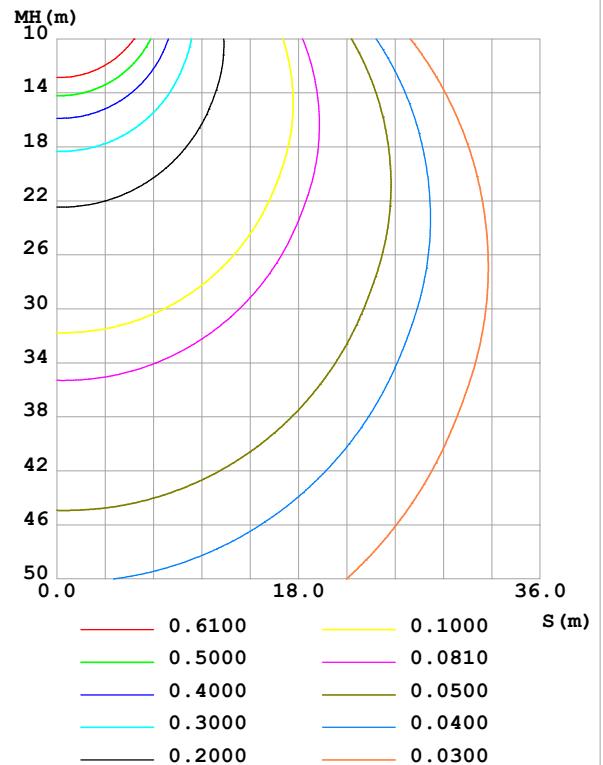
Test:U:24.00V I:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 37.81 lm/W
MODEL		I <sub>max</sub> (cd)	100.5	S/MH(C0/180)	1.36	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	478.66	η UP,DN(C0-180)	9.2,40.7	
NOMINAL FLUX(lm)	478.659	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	9.5,40.6	
LAMPS INSIDE	1	η up (%)	18.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)		η down (%)	81.3	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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	100.1	99.62	98.51	98.47	98.97	98.56	98.56	99.63	0- 10	9.514	9.514	1.99,1.99
20	97.65	96.05	93.26	94.48	96.12	94.58	93.08	96.06	10- 20	27.53	37.04	7.74,7.74
30	93.17	89.76	84.80	87.97	91.42	88.00	84.32	89.73	20- 30	42.54	79.59	16.6,16.6
40	87.35	81.21	73.76	79.25	86.00	79.31	72.81	81.26	30- 40	52.99	132.6	27.7,27.7
50	81.67	71.41	60.83	69.84	80.09	70.08	59.43	71.53	40- 50	58.40	191.0	39.9,39.9
60	74.22	61.90	46.35	59.93	72.94	60.46	44.98	62.27	50- 60	58.80	249.8	52.2,52.2
70	65.94	51.75	31.09	49.86	65.23	50.55	30.16	52.11	60- 70	54.59	304.4	63.6,63.6
80	57.31	42.19	16.00	40.53	56.86	41.37	15.47	42.61	70- 80	47.11	351.5	73.4,73.4
90	47.85	33.14	2.655	31.54	47.44	32.47	2.712	33.70	80- 90	37.67	389.2	81.3,81.3
100	38.23	25.08	2.351	23.85	37.99	24.70	2.802	25.67	90-100	28.56	417.7	87.3,87.3
110	29.00	16.94	2.380	18.35	29.71	19.09	2.247	16.84	100-110	20.96	438.7	91.6,91.6
120	20.99	12.68	2.461	14.47	23.15	15.12	2.990	12.24	110-120	14.88	453.6	94.8,94.8
130	15.96	9.276	2.524	11.17	17.85	11.70	3.201	9.349	120-130	10.50	464.1	96.9,96.9
140	12.10	6.861	2.594	8.089	13.15	8.554	3.221	6.584	130-140	6.936	471.0	98.4,98.4
150	8.584	5.127	2.925	5.468	8.871	5.774	3.265	5.223	140-150	4.131	475.1	99.3,99.3
160	5.680	4.093	3.053	3.623	5.021	3.760	3.311	3.857	150-160	2.206	477.3	99.7,99.7
170	3.182	3.344	3.178	3.245	2.912	3.266	3.311	3.436	160-170	1.018	478.3	99.9,99.9
180	2.961	3.318	3.293	3.401	2.955	3.326	3.308	3.387	170-180	0.3111	478.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 161.41 lm

%lum = 33.7%

%lamp = 33.7%

Conical surface Flux(130deg): 277.84 lm

%lum = 58.0%

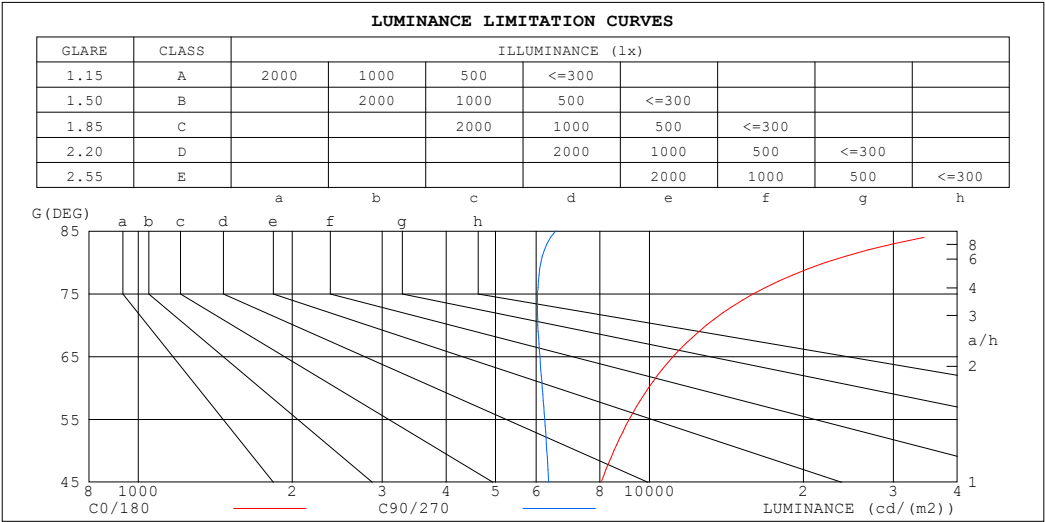
%lamp = 58.0%

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

$\gamma$  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:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



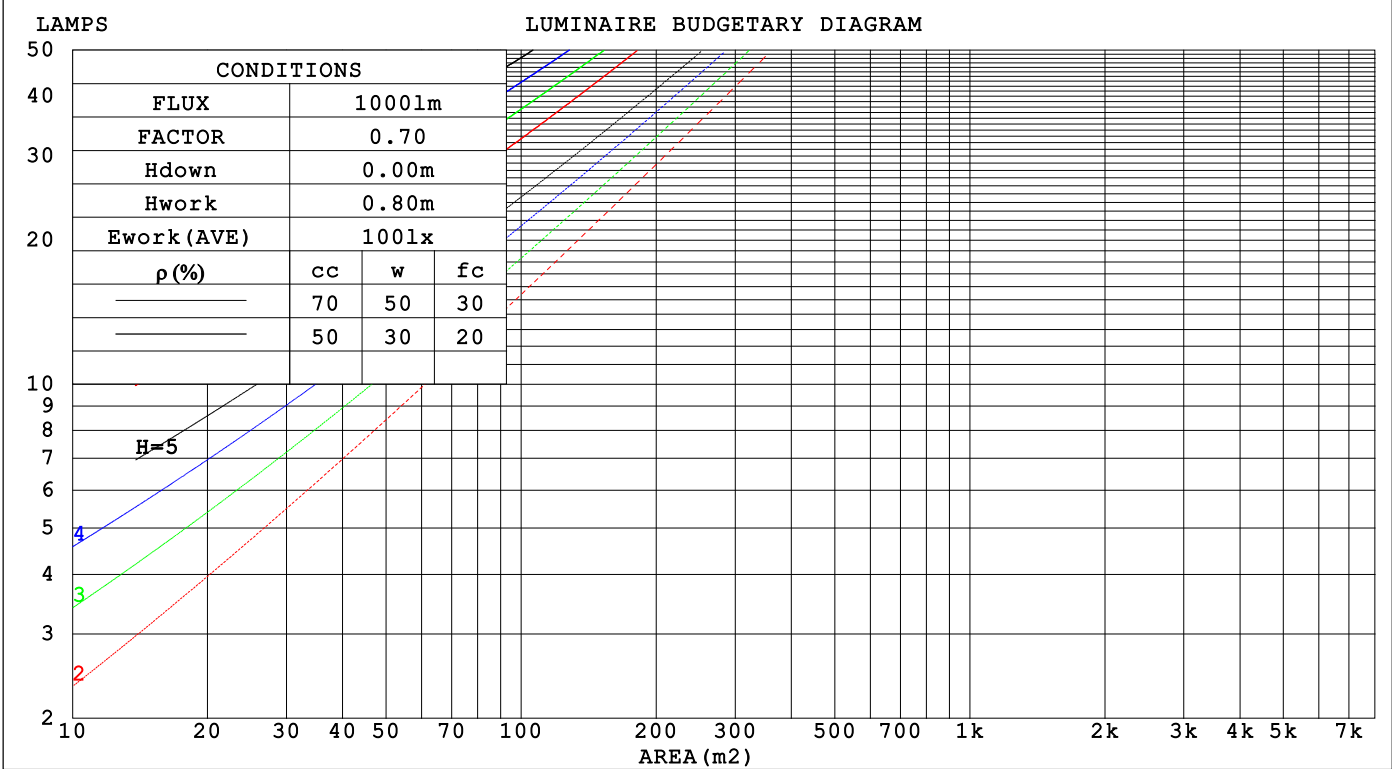
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	40615	6549
80	22137	6131
75	15974	6040
70	12931	6049
65	11123	6102
60	9955	6168
55	9128	6240
50	8522	6298
45	8041	6352

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.5275A P:12.66W PF:1.000 Freq:0Hz		
Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.92	.92	.92	.85	.85	.85	.81
1.0	.95	.90	.85	.91	.86	.82	.83	.79	.76	.76	.73	.70	.69	.67	.65	.61
2.0	.81	.73	.67	.78	.70	.64	.71	.65	.60	.65	.60	.56	.59	.55	.52	.48
3.0	.70	.61	.54	.67	.59	.52	.62	.55	.49	.56	.51	.46	.51	.47	.43	.39
4.0	.62	.52	.45	.59	.50	.44	.54	.47	.41	.50	.43	.38	.45	.40	.36	.33
5.0	.55	.45	.38	.52	.44	.37	.48	.41	.35	.44	.38	.33	.40	.35	.31	.28
6.0	.49	.40	.33	.47	.38	.32	.43	.36	.30	.40	.33	.28	.37	.31	.27	.24
7.0	.44	.35	.29	.42	.34	.28	.39	.32	.26	.36	.30	.25	.33	.28	.24	.21
8.0	.40	.31	.25	.39	.30	.25	.36	.29	.23	.33	.27	.22	.30	.25	.21	.19
9.0	.37	.28	.23	.35	.27	.22	.33	.26	.21	.30	.24	.20	.28	.23	.19	.17
10.0	.34	.26	.20	.33	.25	.20	.30	.23	.19	.28	.22	.18	.26	.21	.17	.15



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:

## WEC AND CCEC

Test:U:24.00V I:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm					
NAME: SF21-24V-5050-60-4000-80			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	.379	.216	.069	.354	.203	.065	.332	.191	.061	.311	.181	.058															
2.0	.337	.185	.057	.326	.179	.055	.304	.169	.052	.283	.159	.050	.265	.150	.047															
3.0	.299	.159	.048	.288	.154	.046	.268	.145	.044	.250	.137	.042	.233	.129	.040															
4.0	.268	.139	.041	.259	.135	.040	.241	.128	.038	.224	.120	.036	.209	.113	.035															
5.0	.244	.124	.036	.235	.121	.035	.219	.114	.034	.203	.107	.032	.189	.101	.030															
6.0	.223	.112	.032	.215	.109	.031	.200	.103	.030	.186	.097	.028	.173	.091	.027															
7.0	.206	.102	.029	.198	.099	.028	.185	.093	.027	.172	.088	.026	.160	.083	.024															
8.0	.190	.093	.026	.184	.091	.026	.171	.086	.024	.160	.081	.023	.149	.076	.022															
9.0	.177	.086	.024	.171	.084	.023	.160	.079	.022	.149	.075	.021	.139	.070	.020															
10.0	.166	.080	.022	.160	.077	.022	.150	.073	.021	.140	.069	.020	.130	.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	.333	.333	.333	.285	.285	.285	.194	.194	.194	.112	.112	.112	.036	.036	.036	
1.0	.330	.299	.272	.282	.257	.234	.193	.177	.162	.111	.102	.094	.036	.033	.030	
2.0	.323	.276	.237	.277	.238	.205	.190	.165	.143	.109	.096	.084	.035	.031	.027	
3.0	.315	.260	.216	.270	.224	.187	.186	.156	.131	.107	.091	.077	.034	.030	.025	
4.0	.308	.247	.201	.264	.214	.175	.182	.149	.123	.105	.087	.073	.034	.028	.024	
5.0	.300	.238	.192	.258	.206	.167	.177	.144	.118	.103	.084	.070	.033	.028	.023	
6.0	.292	.230	.185	.251	.199	.161	.173	.139	.114	.101	.082	.068	.032	.027	.022	
7.0	.285	.223	.180	.245	.193	.157	.170	.136	.111	.099	.080	.066	.032	.026	.022	
8.0	.279	.218	.176	.240	.189	.153	.166	.133	.109	.097	.078	.065	.031	.026	.021	
9.0	.272	.213	.173	.235	.185	.151	.163	.130	.107	.095	.077	.064	.031	.025	.021	
10.0	.266	.209	.170	.230	.181	.149	.159	.127	.106	.093	.075	.063	.030	.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:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm										
NAME: SF21-24V-5050-60-4000-80					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	22.4	23.8	22.9	24.3	24.9	20.4	21.7	20.9	22.3	22.8
3H	25.1	26.4	25.7	26.9	27.6	22.1	23.4	22.6	23.9	24.5
4H	26.6	27.8	27.2	28.4	29.1	22.9	24.1	23.4	24.7	25.3
6H	28.3	29.5	28.9	30.0	30.7	23.6	24.7	24.1	25.3	25.9
8H	29.2	30.3	29.8	30.9	31.6	23.8	24.9	24.4	25.5	26.2
12H	30.3	31.4	30.9	32.0	32.7	24.0	25.1	24.6	25.7	26.4
4H 2H	23.0	24.2	23.5	24.7	25.4	21.5	22.7	22.1	23.3	23.9
3H	25.9	27.0	26.6	27.6	28.3	23.5	24.5	24.1	25.1	25.8
4H	27.7	28.6	28.3	29.3	30.0	24.4	25.4	25.1	26.0	26.8
6H	29.6	30.4	30.2	31.1	31.8	25.3	26.2	25.9	26.8	27.6
8H	30.6	31.4	31.3	32.1	32.9	25.7	26.5	26.3	27.1	27.9
12H	31.8	32.6	32.5	33.3	34.1	26.0	26.7	26.7	27.4	28.2
8H 4H	28.0	28.8	28.7	29.5	30.3	25.5	26.3	26.1	27.0	27.7
6H	30.2	30.9	30.9	31.6	32.4	26.7	27.4	27.4	28.1	28.9
8H	31.5	32.1	32.2	32.8	33.7	27.3	27.9	28.0	28.6	29.4
12H	33.0	33.5	33.7	34.3	35.1	27.8	28.3	28.5	29.1	29.9
12H 4H	28.0	28.8	28.7	29.5	30.3	25.8	26.6	26.5	27.3	28.0
6H	30.4	31.0	31.1	31.7	32.5	27.3	27.9	28.0	28.6	29.4
8H	31.7	32.3	32.5	33.0	33.9	28.0	28.5	28.7	29.3	30.1
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, 478.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.6)  
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:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

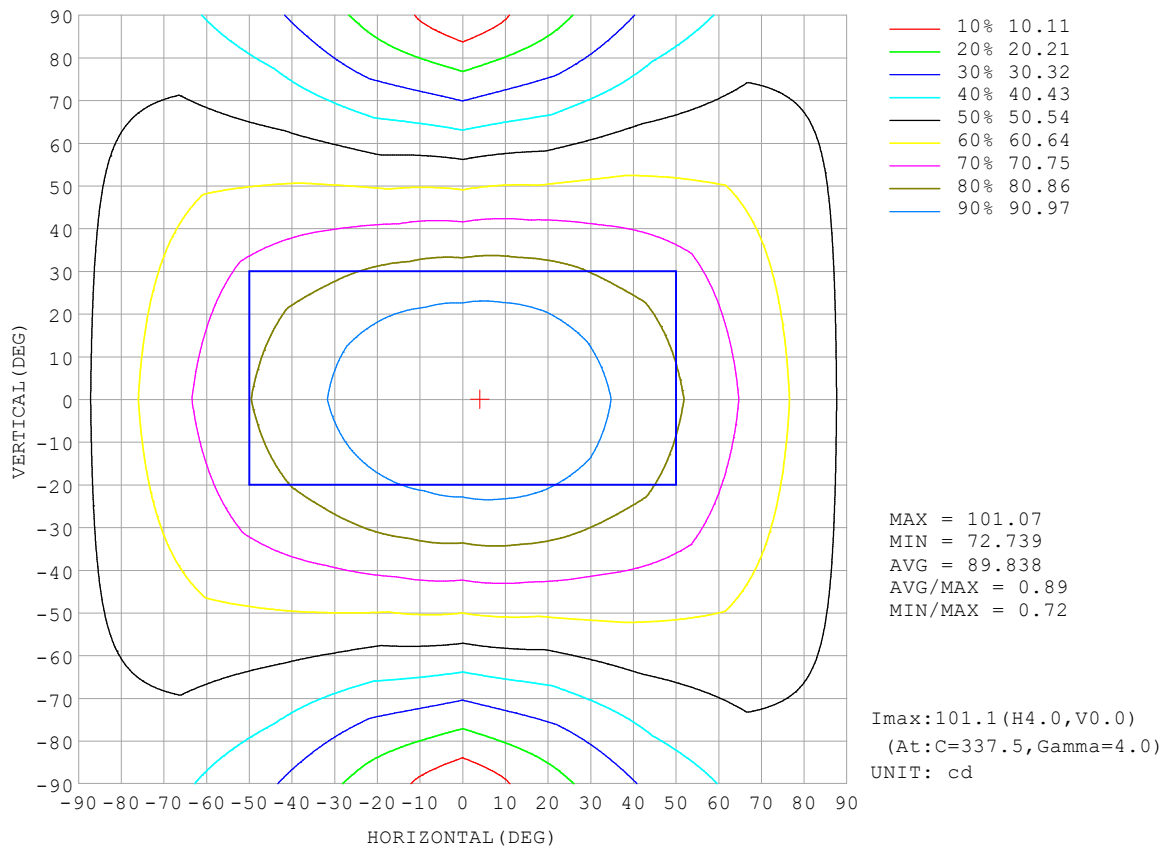
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	35	27	46	34	27	44	33	27	20
0.80	56	43	35	55	42	35	52	41	34	26
1.00	64	51	42	62	50	42	58	50	41	32
1.25	71	58	49	68	57	49	64	54	47	37
1.50	76	64	55	73	62	54	68	59	52	41
2.00	83	72	64	80	70	62	74	66	59	47
2.50	88	77	69	84	75	68	78	70	64	51
3.00	92	82	75	88	79	72	81	74	68	55
4.00	96	88	82	92	85	79	85	79	74	60
5.00	99	92	86	95	89	83	88	83	78	63
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:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



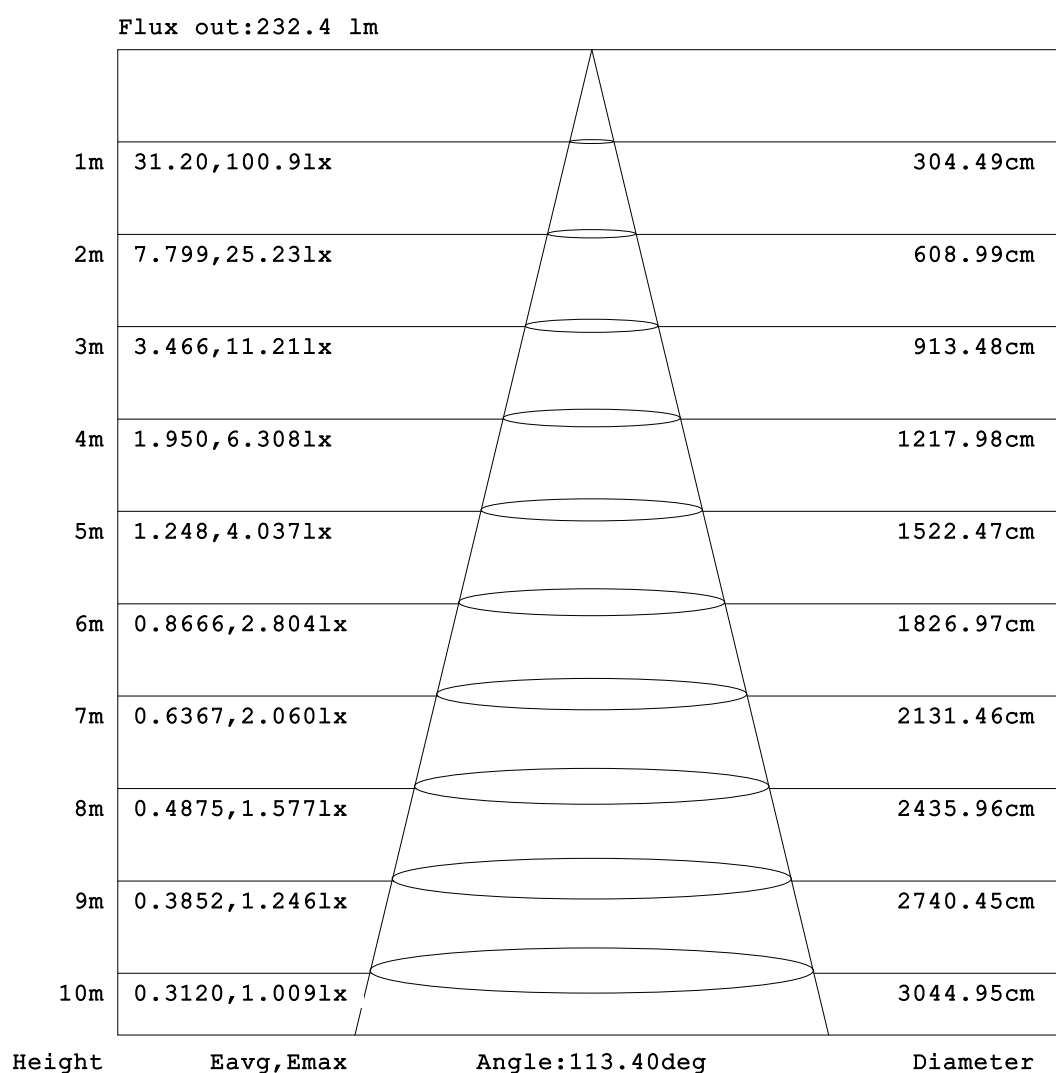
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-25

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:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



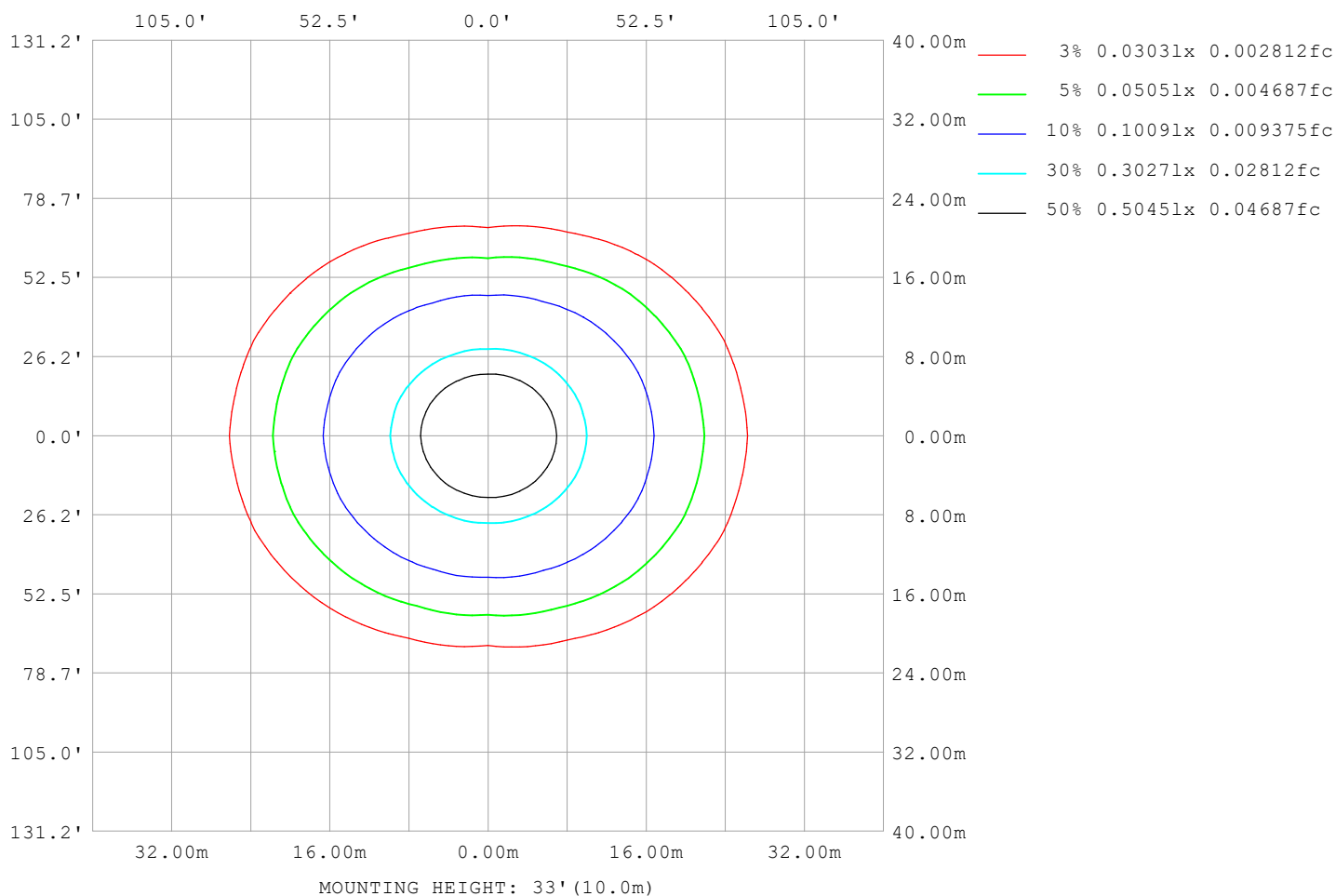
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°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:

## ISOLUX DIAGRAM

Test:U:24.00V I:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	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:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm		
NAME: SF21-24V-5050-60-4000-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

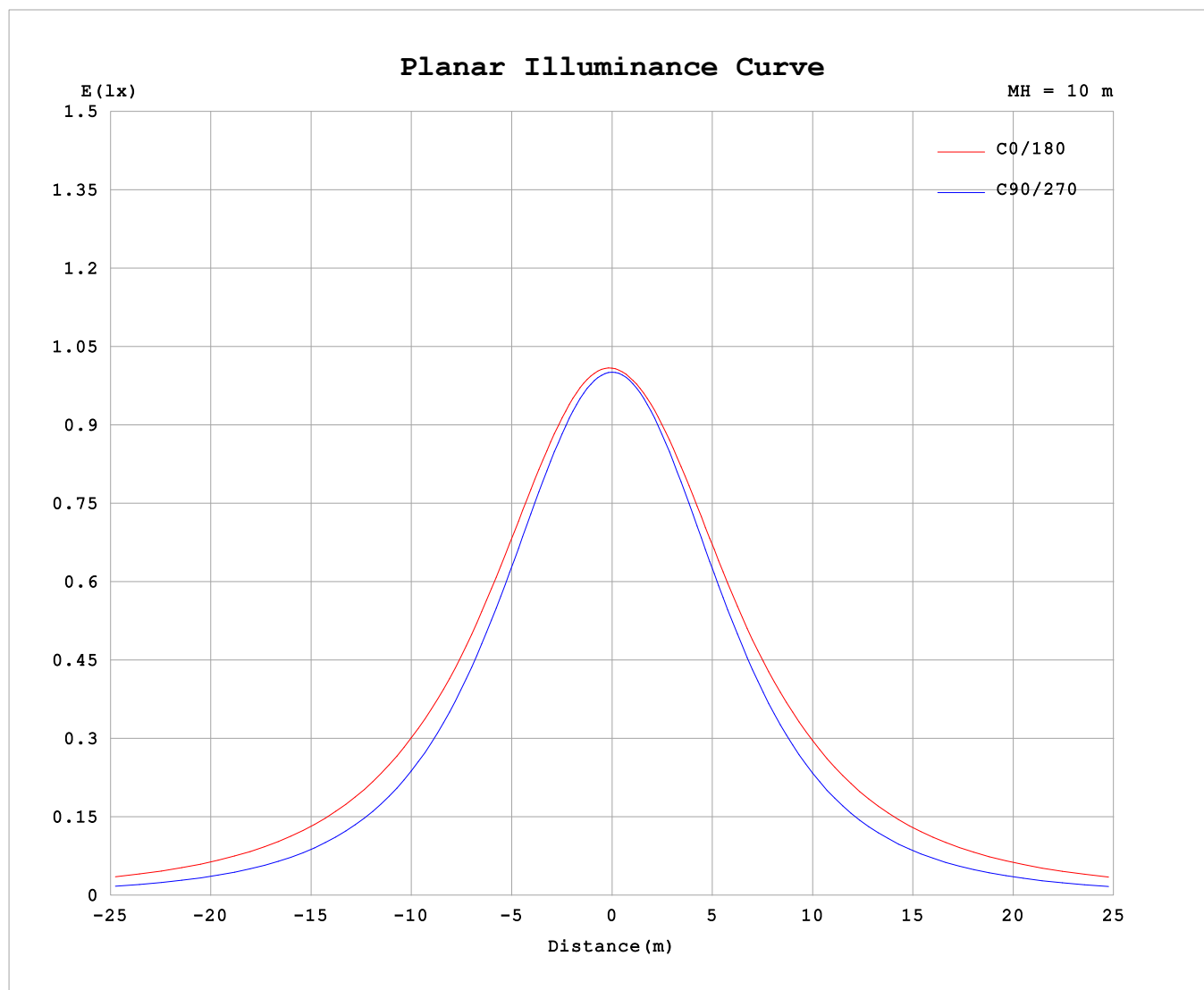
AvgL	cd/m2
L_0~180 (65) av	10982
L_0~180 (75) av	15812
L_0~180 (85) av	40192
L_90~270 (65) av	6021
L_90~270 (75) av	5964
L_90~270 (85) av	6416
L_45 (65) av	8845
L_45 (75) av	11914
L_45 (85) av	28455

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

$\gamma$  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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5275A P:12.66W PF:1.000 Freq:0Hz Lamp Flux:478.659x1 lm																		
NAME: SF21-24V-5050-60-4000-80									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

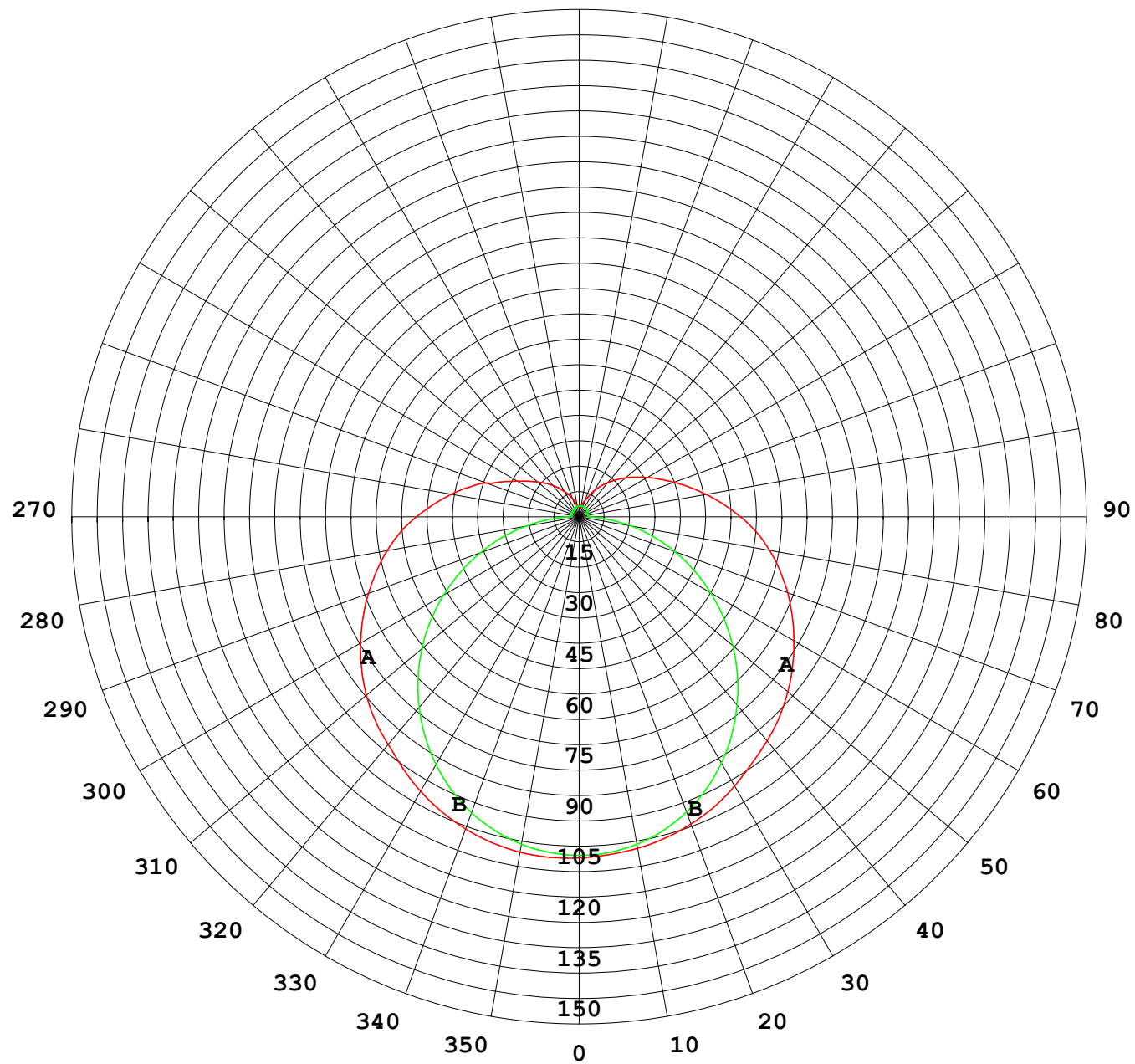
UNIT: cd

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	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
5	100	100	100	100	99.8	99.7	99.6	99.6	99.7	99.6	99.7	99.7	99.9	100	100	100		
10	100	100	99.6	99.0	98.5	98.3	98.5	98.8	99.0	98.8	98.6	98.3	98.6	99.0	99.6	100		
15	99.2	99.0	98.2	97.1	96.3	96.2	96.8	97.5	97.8	97.5	96.9	96.1	96.3	97.1	98.2	99.0		
20	97.7	97.3	96.1	94.5	93.3	93.4	94.5	95.6	96.1	95.6	94.6	93.2	93.1	94.3	96.1	97.4		
25	95.6	95.1	93.2	91.0	89.4	89.8	91.5	93.3	94.0	93.3	91.6	89.6	89.1	90.7	93.2	95.1		
30	93.2	92.3	89.8	86.9	84.8	85.6	88.0	90.4	91.4	90.4	88.0	85.2	84.3	86.4	89.7	92.4		
35	90.3	89.0	85.7	82.1	79.5	80.8	83.8	87.0	88.5	87.1	83.9	80.2	78.9	81.5	85.7	89.2		
40	87.4	85.5	81.2	76.7	73.8	75.4	79.2	83.8	86.0	83.9	79.3	74.7	72.8	76.0	81.3	85.7		
45	84.8	82.3	76.3	70.8	67.5	69.6	74.4	80.6	83.3	80.8	74.5	68.8	66.3	70.1	76.4	82.6		
50	81.7	78.9	71.4	64.6	60.8	63.4	69.8	77.1	80.1	77.3	70.1	62.5	59.4	63.8	71.5	79.4		
55	78.1	75.0	66.8	58.1	53.8	56.9	65.0	73.3	76.6	73.5	65.4	56.0	52.3	57.3	67.0	75.6		
60	74.2	70.9	61.9	51.4	46.3	50.2	59.9	69.2	72.9	69.4	60.5	49.5	45.0	50.8	62.3	71.5		
65	70.1	66.6	56.8	44.9	38.8	43.8	54.8	65.0	69.2	65.3	55.5	43.5	37.6	44.4	57.2	67.2		
70	65.9	62.2	51.8	38.8	31.1	37.5	49.9	60.9	65.2	61.2	50.6	37.5	30.2	38.5	52.1	62.8		
75	61.6	57.8	46.8	32.8	23.5	31.4	45.1	56.6	61.1	57.0	45.9	31.7	22.8	32.6	47.2	58.5		
80	57.3	53.4	42.2	27.2	16.0	25.8	40.5	52.3	56.9	52.6	41.4	26.1	15.5	27.0	42.6	54.1		
85	52.8	48.9	37.7	22.2	8.58	20.8	36.0	47.7	52.3	48.1	36.9	21.5	8.20	22.1	38.1	49.6		
90	47.9	44.2	33.1	17.8	2.65	16.5	31.5	43.0	47.4	43.3	32.5	17.4	2.71	17.9	33.7	44.9		
95	42.9	39.4	28.9	14.3	2.39	13.3	27.5	38.3	42.6	38.7	28.3	14.2	2.79	14.6	29.4	40.1		
100	38.2	34.9	25.1	10.3	2.35	11.1	23.9	34.0	38.0	34.3	24.7	12.1	2.80	10.7	25.7	35.6		
105	33.6	30.4	20.2	8.25	2.39	9.77	20.8	30.0	33.7	30.3	21.6	10.8	2.83	8.16	21.1	31.0		
110	29.0	25.2	16.9	7.76	2.38	8.71	18.3	26.4	29.7	26.7	19.1	9.69	2.25	7.31	16.8	25.9		
115	24.6	21.7	14.5	7.05	2.43	7.74	16.3	23.3	26.2	23.6	17.0	8.68	2.57	6.28	15.2	21.2		
120	21.0	18.8	12.7	6.08	2.46	6.84	14.5	20.6	23.1	20.8	15.1	7.71	2.99	6.50	12.2	19.0		
125	18.3	16.4	11.0	5.54	2.50	5.83	12.8	18.2	20.4	18.4	13.4	6.64	3.16	5.96	11.2	16.8		
130	16.0	14.6	9.28	5.04	2.52	5.02	11.2	15.9	17.8	16.1	11.7	5.73	3.20	5.40	9.35	14.7		
135	14.0	12.8	8.08	4.54	2.57	4.36	9.65	13.8	15.4	13.9	10.1	4.99	3.20	4.78	7.65	12.9		
140	12.1	10.7	6.86	4.13	2.59	3.86	8.09	11.7	13.2	11.9	8.55	4.36	3.22	4.32	6.58	9.87		
145	10.3	8.23	5.91	3.76	2.73	3.32	6.67	9.82	11.0	9.95	7.02	3.75	3.25	3.96	6.04	8.52		
150	8.58	6.70	5.13	3.32	2.92	3.10	5.47	7.86	8.87	7.93	5.77	3.43	3.26	3.58	5.22	7.01		
155	7.14	5.56	4.38	3.40	3.00	3.00	4.52	6.30	6.74	6.30	4.73	3.24	3.30	3.48	4.44	5.65		
160	5.68	4.53	4.09	3.24	3.05	3.06	3.62	4.98	5.02	4.92	3.76	3.20	3.31	3.45	3.86	4.43		
165	4.54	3.62	3.58	3.23	3.12	3.14	3.27	3.79	3.91	3.73	3.31	3.22	3.31	3.40	3.58	3.28		
170	3.18	3.08	3.34	3.24	3.18	3.21	3.24	3.34	2.91	3.26	3.27	3.27	3.31	3.38	3.44	3.24		
175	2.97	3.18	3.30	3.28	3.24	3.29	3.33	3.39	2.94	3.28	3.33	3.30	3.31	3.37	3.40	3.37		
180	2.96	3.32	3.32	3.31	3.29	3.33	3.40	3.41	2.95	3.32	3.33	3.31	3.31	3.34	3.39	3.40		

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

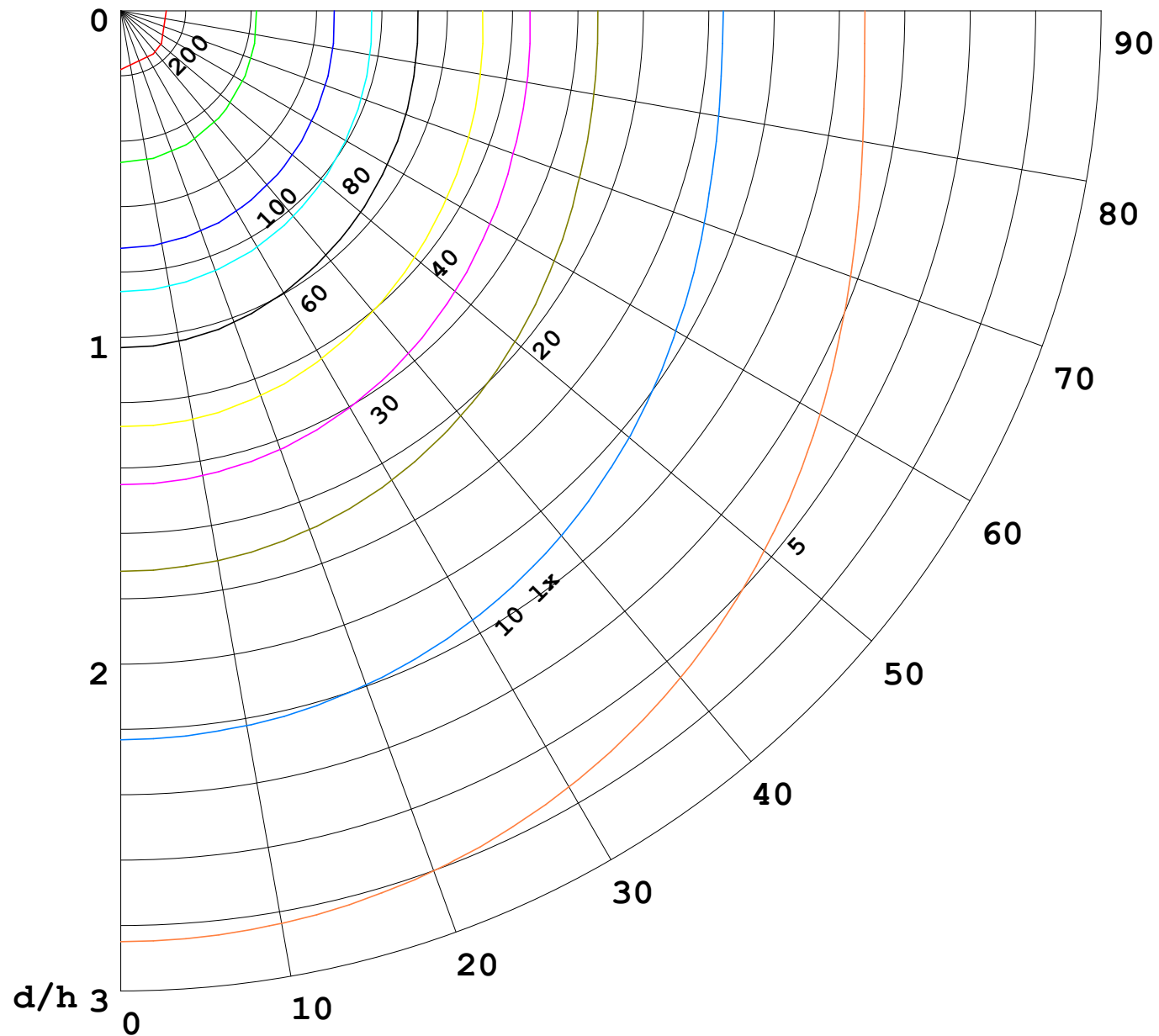
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

