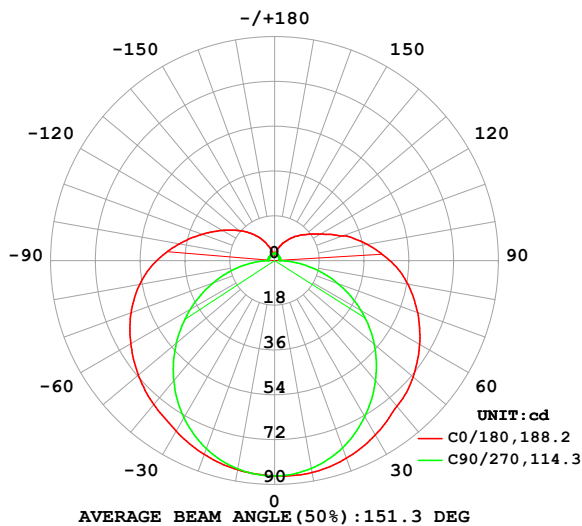


## LUMINAIRE PHOTOMETRIC TEST REPORT

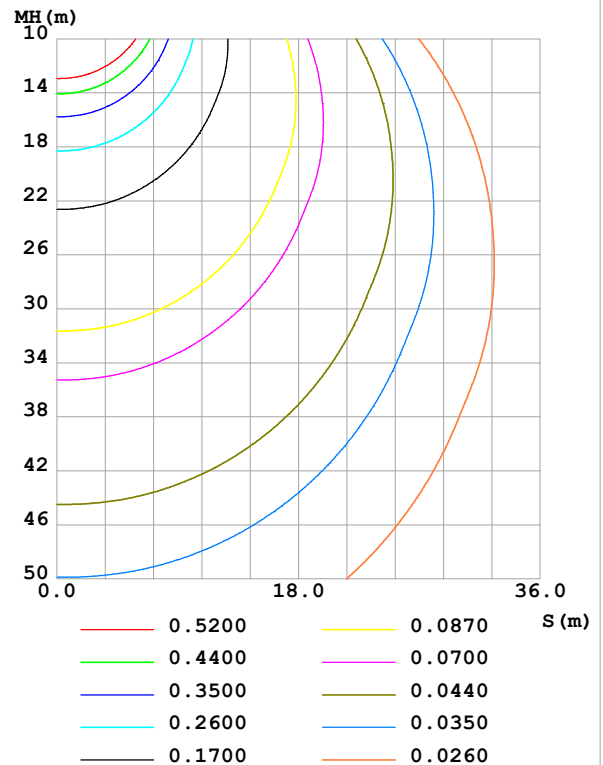
Test:U:24.00V I:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.68 lm/W			
MODEL		I <sub>max</sub> (cd)	86.71	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	437.37	η UP,DN(C0-180)	10.2,39.6
NOMINAL FLUX(lm)	437.368	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	10.5,39.7
LAMPS INSIDE	1	η up (%)	20.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	79.3	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:2024-10-30

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	86.47	85.86	84.83	84.94	85.38	85.12	85.06	85.98	0- 10	8.210	8.210	1.88,1.88
20	84.54	82.73	80.04	81.27	82.91	81.66	80.40	83.00	10- 20	23.75	31.96	7.31,7.31
30	80.98	77.36	72.51	75.61	79.17	76.15	72.90	77.70	20- 30	36.71	68.67	15.7,15.7
40	76.46	70.19	63.12	68.36	75.60	69.09	63.07	70.62	30- 40	45.87	114.5	26.2,26.2
50	72.73	62.08	52.29	61.45	71.53	62.28	51.55	62.47	40- 50	50.99	165.5	37.8,37.8
60	67.32	54.53	40.18	53.97	66.77	54.84	39.13	55.11	50- 60	52.05	217.6	49.7,49.7
70	61.18	46.71	27.11	46.35	61.40	47.23	26.40	47.24	60- 70	49.38	267.0	61,61
80	54.35	39.31	14.08	38.94	55.03	39.93	13.86	39.79	70- 80	43.83	310.8	71.1,71.1
90	46.37	31.97	2.255	31.41	47.37	32.46	2.609	31.91	80- 90	36.13	346.9	79.3,79.3
100	37.82	25.04	2.048	24.43	38.97	25.35	2.699	23.26	90-100	27.97	374.9	85.7,85.7
110	29.32	17.33	2.178	18.98	31.05	19.75	2.728	16.14	100-110	21.10	396.0	90.5,90.5
120	21.45	13.18	2.204	14.94	24.38	15.55	2.722	13.61	110-120	15.32	411.3	94,94
130	16.40	9.884	2.265	11.51	18.88	12.01	2.734	10.50	120-130	10.89	422.2	96.5,96.5
140	12.59	7.594	2.308	8.319	14.03	8.749	2.771	8.069	130-140	7.272	429.5	98.2,98.2
150	9.028	5.573	2.567	5.554	9.545	5.824	2.826	5.851	140-150	4.347	433.8	99.2,99.2
160	6.069	4.319	2.710	3.438	5.464	3.505	2.896	4.153	150-160	2.266	436.1	99.7,99.7
170	3.079	3.319	2.823	2.893	2.671	2.869	2.936	3.312	160-170	0.9947	437.1	99.9,99.9
180	2.603	2.953	2.924	3.006	2.588	2.935	2.930	3.029	170-180	0.2825	437.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 139.65 lm

%lum = 31.9%

%lamp = 31.9%

Conical surface Flux(130deg): 242.81 lm

%lum = 55.5%

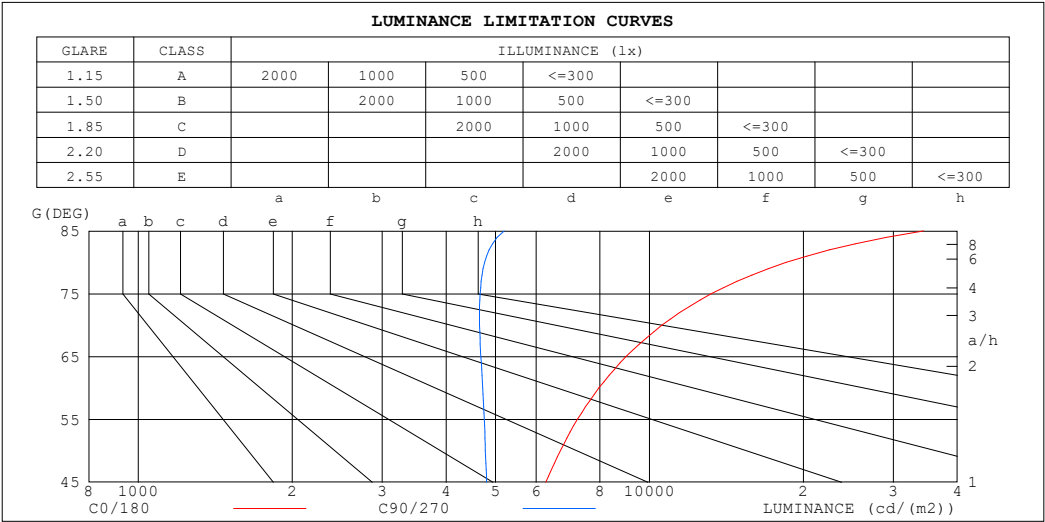
%lamp = 55.5%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Cloud  
 Test Date:2024-10-30

$\gamma$  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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



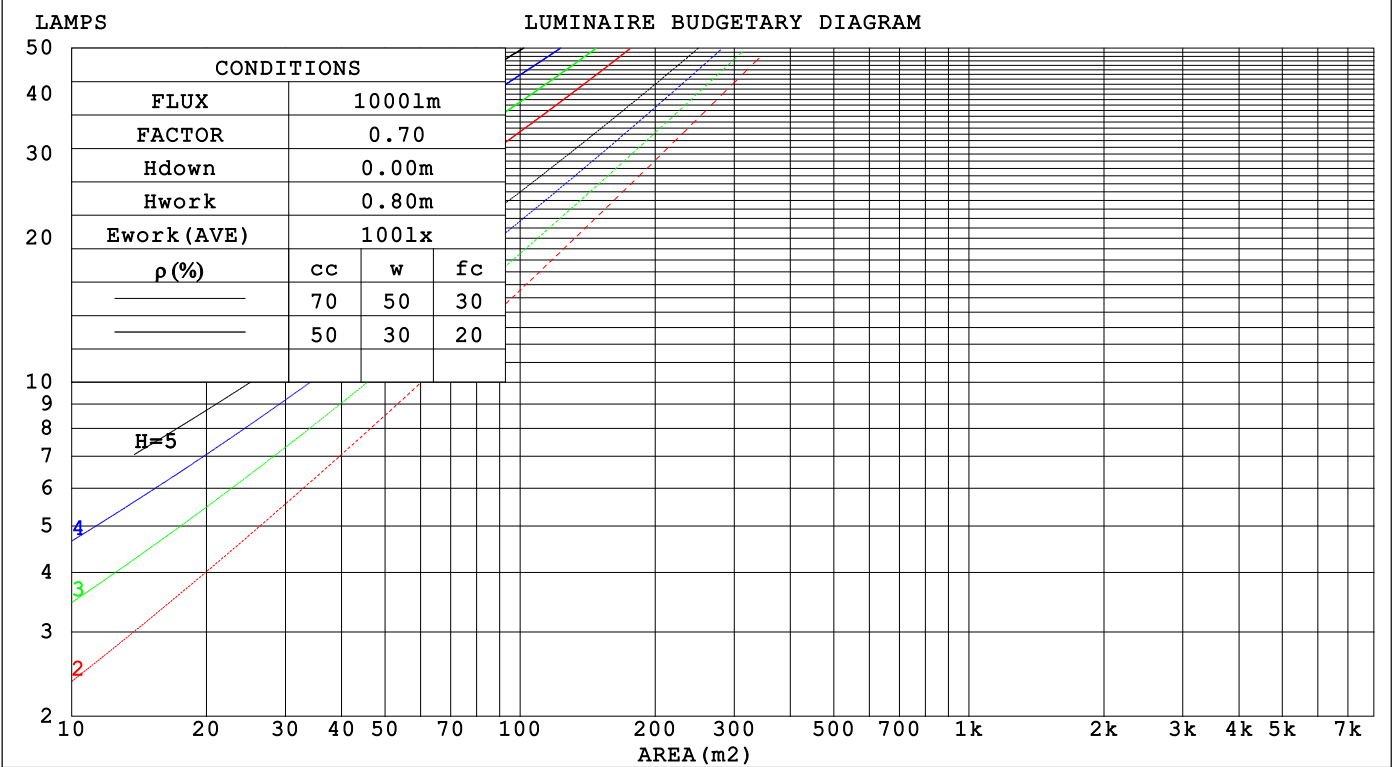
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	34347	5194
80	18516	4758
75	13215	4661
70	10583	4653
65	9006	4679
60	7966	4716
55	7229	4753
50	6694	4775
45	6270	4801

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:2024-10-30	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4711A P:11.31W PF:1.000 Freq:0Hz																	
Lamp Flux:437.368x1 lm																	
NAME: SF21-24V-5050-60-6500-80									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	1.14	1.14	1.14	1.09	1.09	1.09	.00	.00	.00	.91	.91	.91	.83	.83	.83	.79
1.0	.94	.89	.84	.90	.85	.81	.82	.78	.74	.74	.71	.68	.67	.65	.63	.59
2.0	.80	.72	.66	.77	.69	.63	.70	.64	.59	.63	.58	.54	.57	.53	.50	.47
3.0	.70	.60	.53	.66	.58	.51	.60	.53	.48	.55	.49	.44	.50	.45	.41	.38
4.0	.61	.51	.44	.58	.49	.43	.53	.46	.40	.48	.42	.37	.44	.39	.34	.31
5.0	.54	.44	.37	.52	.43	.36	.47	.40	.34	.43	.37	.32	.39	.34	.29	.27
6.0	.48	.39	.32	.46	.38	.31	.42	.35	.29	.39	.32	.27	.35	.30	.26	.23
7.0	.44	.34	.28	.42	.33	.27	.38	.31	.26	.35	.29	.24	.32	.27	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.32	.26	.21	.29	.24	.20	.18
9.0	.36	.28	.22	.35	.27	.21	.32	.25	.20	.29	.23	.19	.27	.22	.18	.16
10.0	.33	.25	.20	.32	.24	.19	.30	.23	.18	.27	.21	.17	.25	.20	.16	.14



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm					
NAME: SF21-24V-5050-60-6500-80			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	.397	.226	.071	.383	.219	.069	.358	.205	.066	.335	.193	.062	.313	.181	.058															
2.0	.340	.186	.057	.328	.181	.056	.305	.170	.053	.284	.159	.050	.264	.149	.047															
3.0	.300	.160	.048	.289	.155	.047	.269	.146	.044	.249	.137	.042	.231	.128	.040															
4.0	.269	.140	.041	.259	.136	.040	.241	.128	.038	.223	.120	.036	.207	.112	.034															
5.0	.244	.124	.036	.235	.121	.035	.218	.114	.033	.202	.107	.032	.187	.100	.030															
6.0	.223	.112	.032	.215	.109	.031	.199	.102	.030	.185	.096	.028	.171	.090	.027															
7.0	.206	.102	.029	.198	.099	.028	.184	.093	.027	.170	.087	.025	.158	.082	.024															
8.0	.191	.093	.026	.184	.090	.026	.170	.085	.024	.158	.080	.023	.146	.075	.022															
9.0	.177	.086	.024	.171	.083	.023	.159	.079	.022	.147	.074	.021	.137	.069	.020															
10.0	.166	.080	.022	.160	.077	.022	.149	.073	.021	.138	.069	.019	.128	.064	.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	.348	.348	.348	.297	.297	.297	.203	.203	.203	.117	.117	.117	.037	.037	.037	
1.0	.345	.314	.286	.295	.270	.246	.202	.186	.170	.116	.107	.099	.037	.035	.032	
2.0	.339	.292	.252	.290	.251	.218	.199	.174	.152	.115	.101	.089	.037	.033	.029	
3.0	.331	.275	.231	.284	.237	.200	.195	.165	.140	.113	.096	.083	.036	.031	.027	
4.0	.323	.263	.217	.277	.227	.188	.191	.158	.133	.110	.093	.078	.036	.030	.026	
5.0	.316	.253	.207	.271	.219	.180	.187	.153	.127	.108	.090	.075	.035	.029	.025	
6.0	.308	.245	.200	.265	.212	.174	.183	.149	.123	.106	.087	.073	.034	.029	.024	
7.0	.301	.239	.195	.259	.207	.170	.179	.145	.121	.104	.085	.072	.034	.028	.024	
8.0	.294	.233	.191	.253	.202	.167	.175	.142	.118	.102	.084	.071	.033	.027	.023	
9.0	.288	.228	.188	.248	.198	.164	.172	.139	.117	.100	.082	.070	.032	.027	.023	
10.0	.282	.224	.186	.243	.195	.162	.169	.137	.115	.098	.081	.069	.032	.027	.023	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm										
NAME: SF21-24V-5050-60-6500-80					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	21.8	23.1	22.3	23.7	24.3	19.5	20.9	20.1	21.4	22.0
3H	24.6	25.9	25.2	26.5	27.1	21.3	22.5	21.8	23.1	23.8
4H	26.2	27.4	26.8	28.0	28.7	22.1	23.3	22.7	23.9	24.5
6H	28.0	29.1	28.6	29.7	30.4	22.8	23.9	23.4	24.5	25.2
8H	28.9	30.0	29.5	30.6	31.3	23.0	24.1	23.7	24.8	25.5
12H	30.0	31.1	30.7	31.7	32.4	23.3	24.3	23.9	25.0	25.7
4H 2H	22.3	23.5	22.9	24.1	24.8	20.7	21.9	21.3	22.5	23.2
3H	25.4	26.5	26.1	27.1	27.8	22.7	23.8	23.3	24.4	25.1
4H	27.2	28.2	27.9	28.8	29.6	23.7	24.6	24.3	25.3	26.1
6H	29.2	30.1	29.9	30.7	31.5	24.6	25.4	25.2	26.1	26.9
8H	30.3	31.1	31.0	31.8	32.6	24.9	25.8	25.6	26.5	27.3
12H	31.5	32.3	32.2	33.0	33.8	25.3	26.0	26.0	26.7	27.6
8H 4H	27.6	28.4	28.3	29.1	29.9	24.8	25.6	25.5	26.3	27.1
6H	29.9	30.5	30.6	31.3	32.1	26.1	26.7	26.8	27.5	28.3
8H	31.2	31.8	31.9	32.5	33.4	26.7	27.3	27.4	28.0	28.9
12H	32.7	33.2	33.5	34.0	34.9	27.2	27.7	28.0	28.5	29.4
12H 4H	27.6	28.3	28.3	29.1	29.9	25.2	25.9	25.9	26.6	27.5
6H	30.0	30.6	30.7	31.3	32.2	26.7	27.3	27.4	28.0	28.9
8H	31.4	32.0	32.2	32.7	33.6	27.4	28.0	28.2	28.7	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					+ 0.2 / - 0.4				

CIE Pub.117, 437.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.9)  
Area: 0.017 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

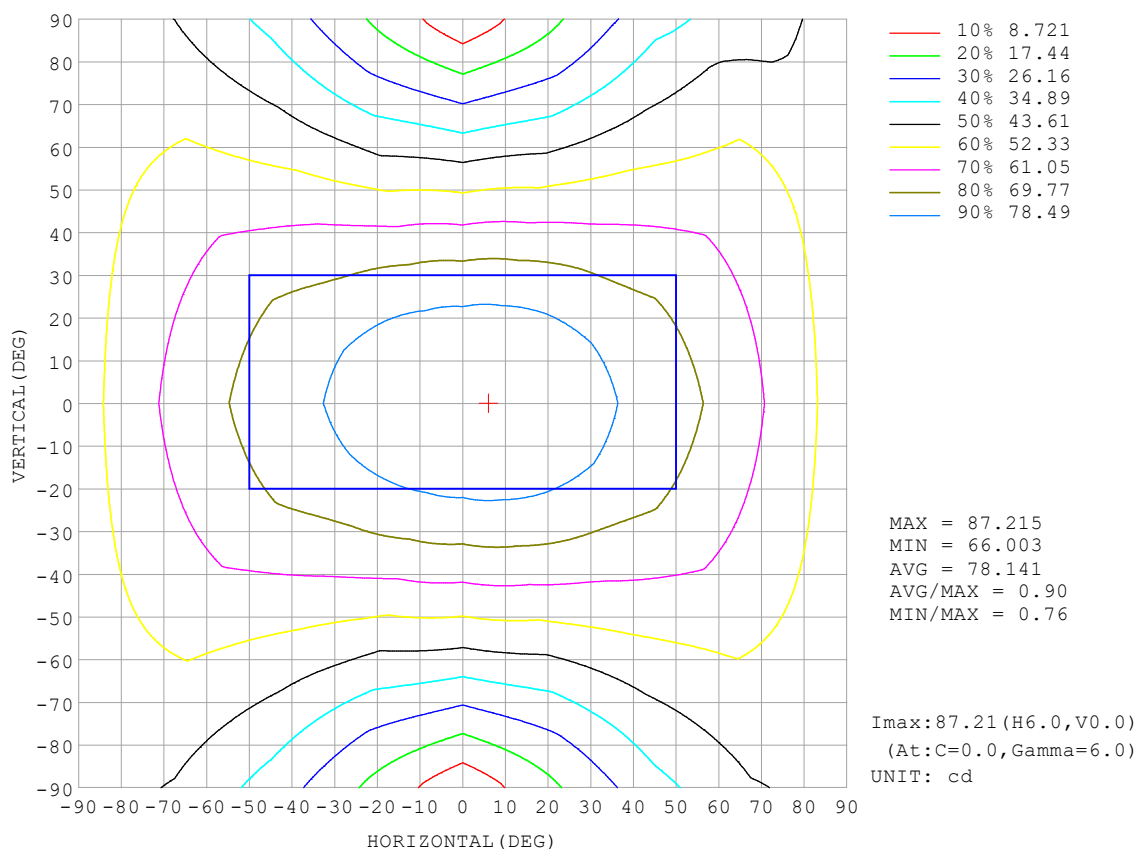
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	26	45	33	26	43	32	26	19
0.80	55	42	34	54	41	34	51	40	33	25
1.00	63	50	41	61	49	41	57	49	39	30
1.25	70	57	48	67	55	47	63	53	45	35
1.50	75	62	54	72	61	52	67	57	50	39
2.00	82	71	62	79	69	61	73	64	58	45
2.50	87	76	68	83	74	66	77	69	62	49
3.00	91	81	73	87	78	71	80	73	67	53
4.00	96	87	80	91	84	78	84	78	73	57
5.00	99	91	85	94	88	82	86	81	77	61
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: 2024-10-30

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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



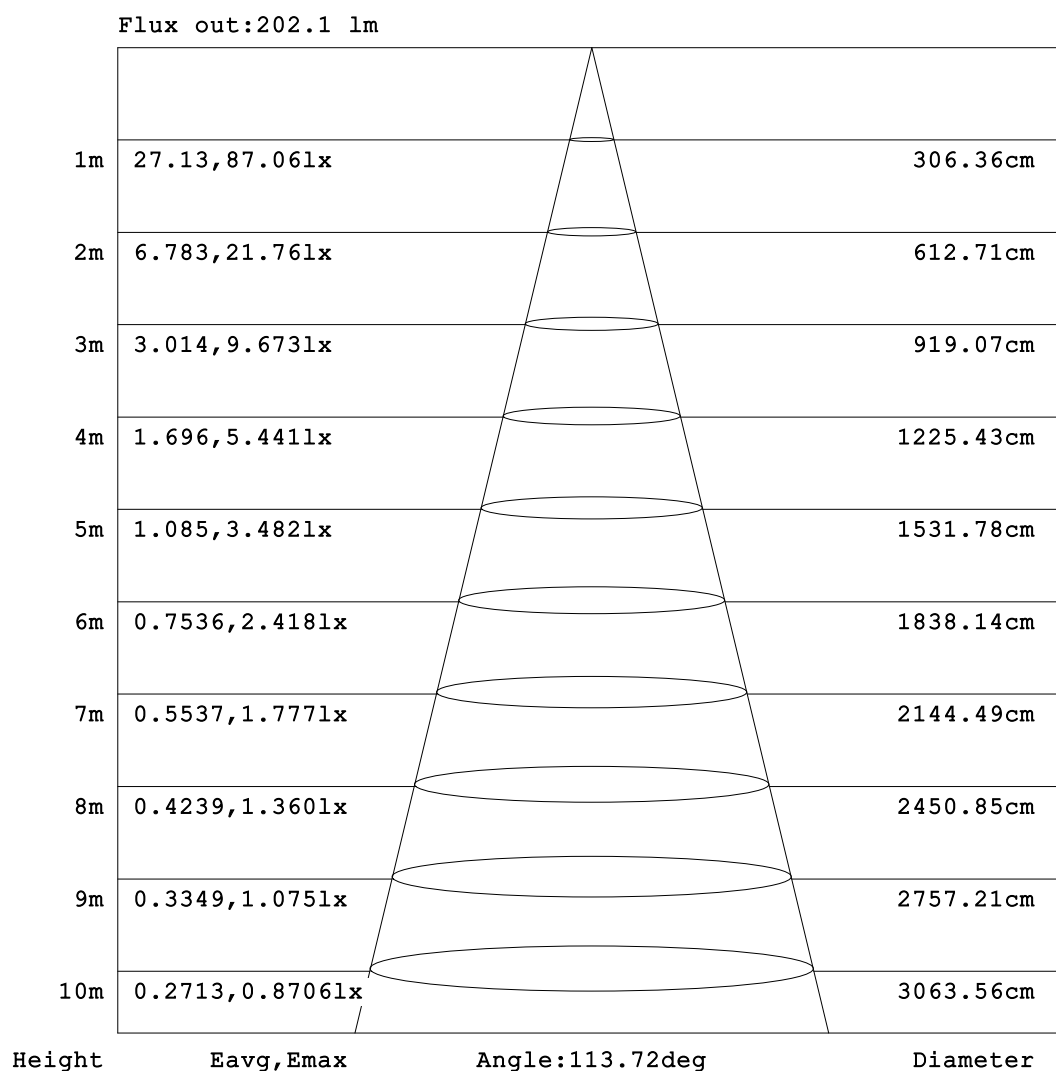
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



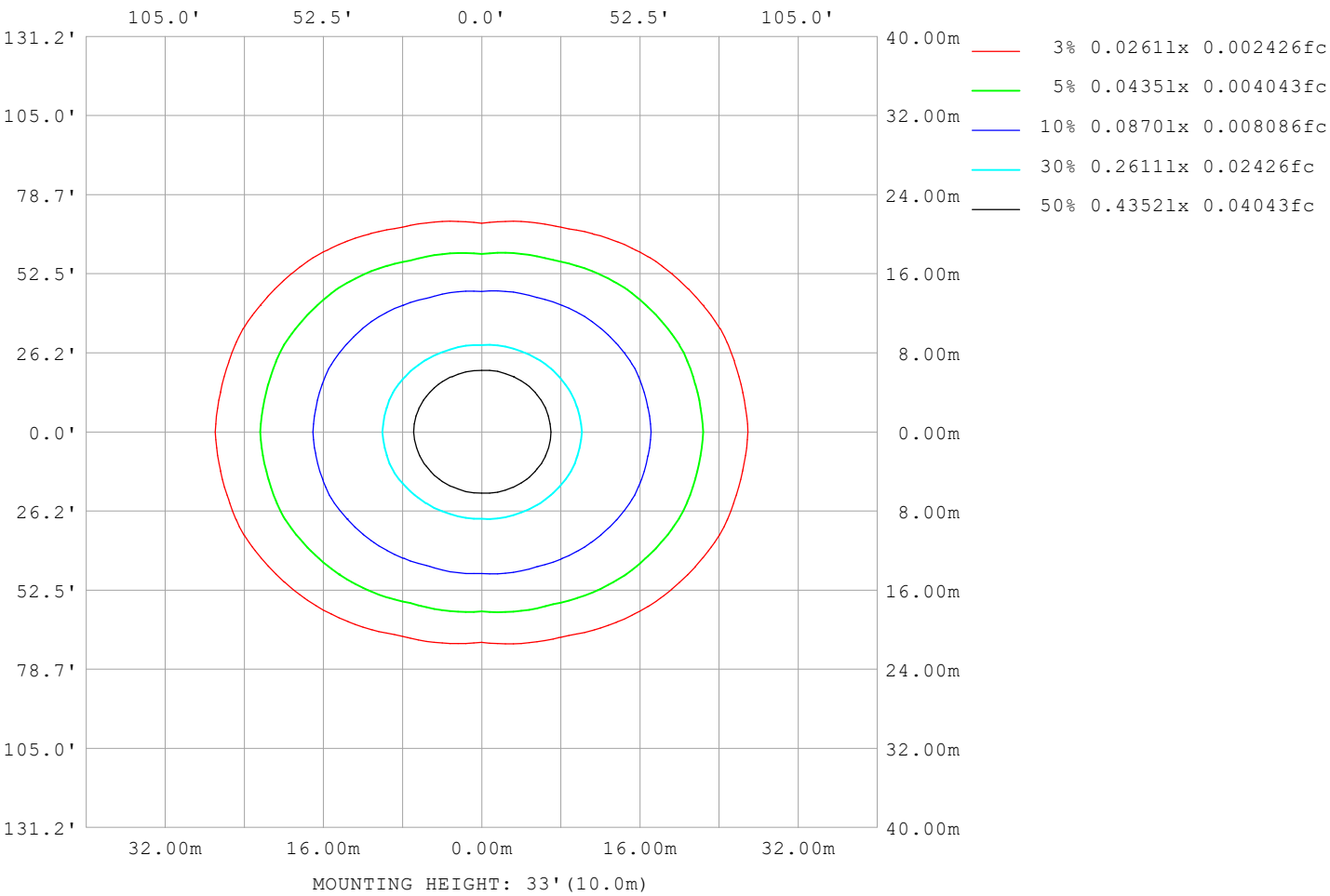
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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:2024-10-30	Remarks:

## LED Avg.L Report

Test:U:24.00V I:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm		
NAME: SF21-24V-5050-60-6500-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

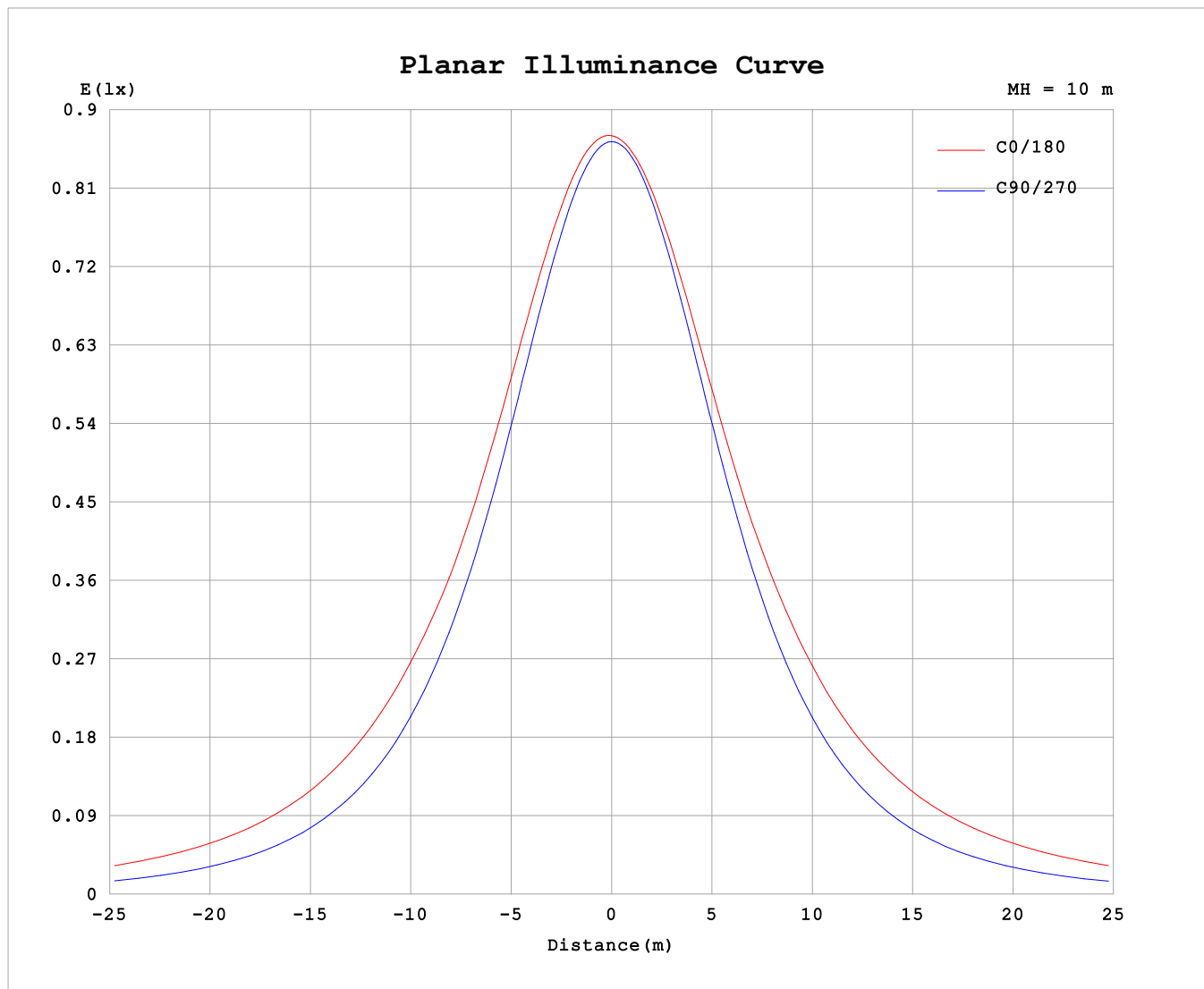
AvgL	cd/m2
L_0~180 (65) av	8945
L_0~180 (75) av	13200
L_0~180 (85) av	34419
L_90~270 (65) av	4625
L_90~270 (75) av	4618
L_90~270 (85) av	5229
L_45 (65) av	7059
L_45 (75) av	9808
L_45 (85) av	24158

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

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: 2024-10-30

$\gamma$  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:0.4711A P:11.31W PF:1.000 Freq:0Hz Lamp Flux:437.368x1 lm																		
NAME: SF21-24V-5050-60-6500-80									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

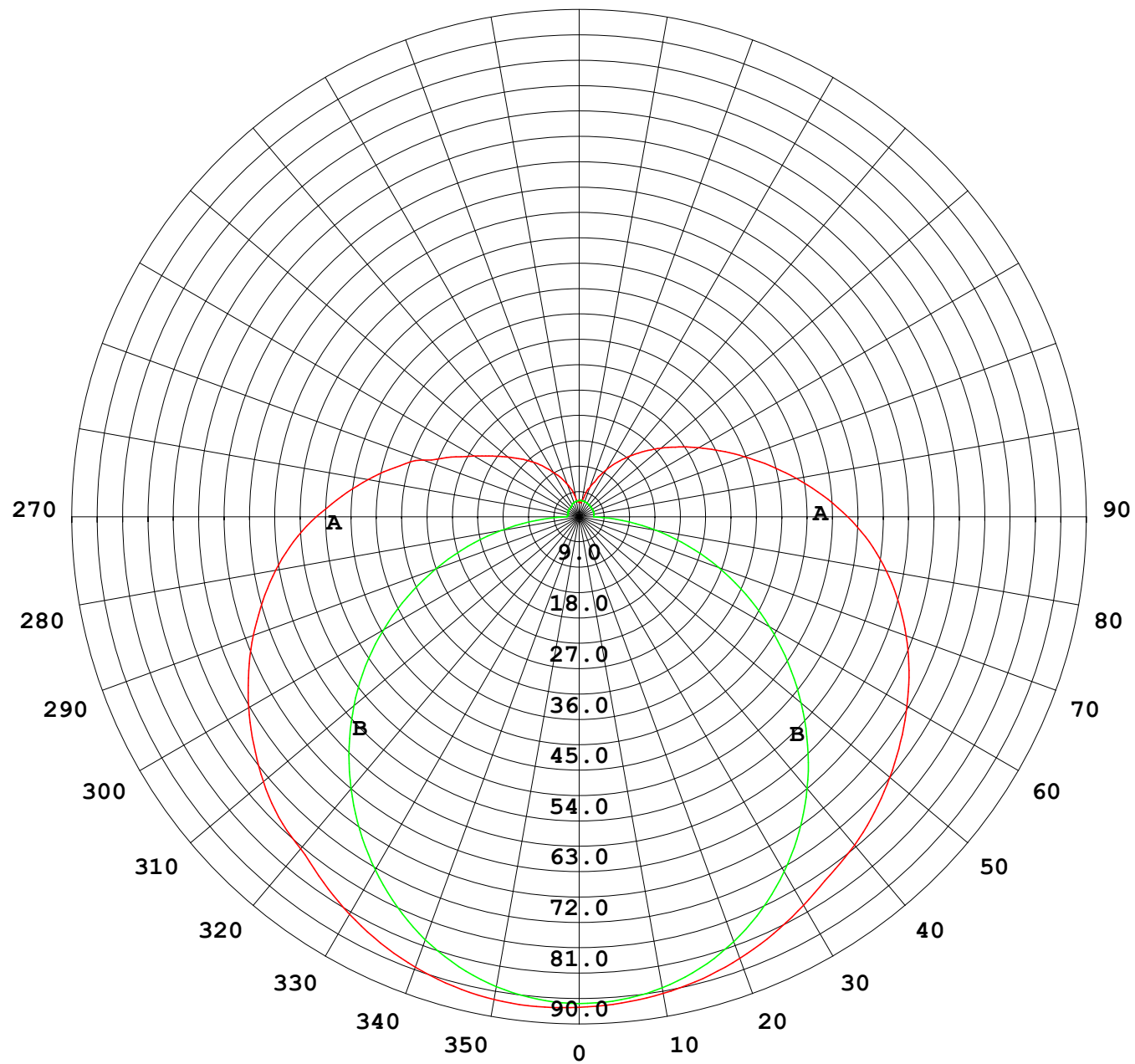
UNIT: cd

C (DEG) 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	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5		
5	86.7	86.7	86.5	86.3	86.1	86.0	86.0	86.0	86.1	86.0	86.1	86.1	86.2	86.4	86.5	86.7		
10	86.5	86.3	85.9	85.3	84.8	84.8	84.9	85.2	85.4	85.2	85.1	85.0	85.1	85.5	86.0	86.4		
15	85.7	85.4	84.6	83.6	82.8	82.8	83.4	84.0	84.3	84.1	83.7	83.1	83.1	83.8	84.8	85.6		
20	84.5	84.1	82.7	81.2	80.0	80.2	81.3	82.5	82.9	82.5	81.7	80.6	80.4	81.4	83.0	84.2		
25	82.9	82.2	80.3	78.1	76.6	77.0	78.7	80.5	81.2	80.6	79.1	77.4	77.0	78.4	80.6	82.4		
30	81.0	80.0	77.4	74.4	72.5	73.2	75.6	78.2	79.2	78.3	76.2	73.7	72.9	74.7	77.7	80.2		
35	78.7	77.3	74.0	70.3	68.0	69.0	72.1	75.7	77.1	75.9	72.8	69.4	68.3	70.5	74.4	77.7		
40	76.5	74.5	70.2	65.8	63.1	64.4	68.4	73.8	75.6	73.9	69.1	64.7	63.1	65.8	70.6	74.8		
45	74.9	72.1	66.1	60.8	57.8	59.5	64.8	71.6	73.7	71.7	65.6	59.7	57.5	60.7	66.6	72.3		
50	72.7	69.7	62.1	55.6	52.3	54.4	61.5	69.2	71.5	69.2	62.3	54.3	51.5	55.4	62.5	70.0		
55	70.1	66.7	58.4	50.1	46.4	49.0	57.8	66.5	69.2	66.5	58.6	48.9	45.4	49.9	58.9	67.2		
60	67.3	63.7	54.5	44.6	40.2	43.7	54.0	63.6	66.8	63.7	54.8	43.6	39.1	44.3	55.1	64.3		
65	64.3	60.6	50.6	39.1	33.7	38.7	50.1	60.7	64.2	60.8	51.0	38.8	32.8	38.8	51.2	61.2		
70	61.2	57.2	46.7	34.1	27.1	33.6	46.3	57.6	61.4	57.7	47.2	33.9	26.4	33.8	47.2	58.0		
75	57.8	53.8	43.0	29.2	20.6	28.7	42.6	54.3	58.4	54.5	43.6	29.2	20.1	28.8	43.4	54.8		
80	54.3	50.4	39.3	24.7	14.1	24.1	38.9	50.9	55.0	51.1	39.9	24.9	13.9	24.2	39.8	51.4		
85	50.6	46.7	35.8	20.6	7.71	20.0	35.2	47.1	51.4	47.4	36.2	21.0	7.78	20.2	36.0	47.1		
90	46.4	42.7	32.0	17.0	2.25	16.3	31.4	43.1	47.4	43.4	32.5	17.4	2.61	16.7	31.9	40.2		
95	42.0	38.6	28.3	14.0	2.07	13.4	27.8	39.0	43.2	39.3	28.8	14.4	2.63	12.0	26.3	37.7		
100	37.8	34.6	25.0	10.3	2.05	11.3	24.4	34.9	39.0	35.2	25.3	12.3	2.70	9.66	23.3	33.9		
105	33.6	30.5	20.5	8.37	2.11	9.86	21.5	31.2	34.9	31.4	22.3	10.8	2.73	8.01	19.3	29.9		
110	29.3	25.5	17.3	7.87	2.18	8.78	19.0	27.7	31.1	27.9	19.8	9.71	2.73	7.61	16.1	25.5		
115	25.0	22.1	15.0	7.22	2.20	7.80	16.8	24.5	27.6	24.7	17.5	8.67	2.72	7.38	14.9	21.6		
120	21.5	19.3	13.2	6.42	2.20	6.89	14.9	21.7	24.4	21.8	15.6	7.67	2.72	6.98	13.6	19.4		
125	18.7	16.9	11.6	5.87	2.24	5.86	13.2	19.1	21.5	19.2	13.7	6.56	2.72	6.38	12.0	17.5		
130	16.4	15.2	9.88	5.37	2.26	5.04	11.5	16.7	18.9	16.8	12.0	5.62	2.73	5.77	10.5	15.4		
135	14.4	13.4	8.68	4.91	2.29	4.35	9.95	14.4	16.4	14.6	10.4	4.86	2.75	5.20	9.23	13.3		
140	12.6	11.4	7.59	4.47	2.31	3.79	8.32	12.3	14.0	12.5	8.75	4.17	2.77	4.70	8.07	12.0		
145	10.8	8.78	6.47	4.07	2.34	3.12	6.83	10.2	11.8	10.4	7.10	3.45	2.80	4.24	6.90	10.0		
150	9.03	7.16	5.57	3.51	2.57	2.85	5.55	8.09	9.54	8.29	5.82	3.09	2.83	3.66	5.85	8.09		
155	7.57	5.99	4.71	3.50	2.64	2.70	4.49	6.39	7.23	6.60	4.69	2.84	2.87	3.41	4.92	6.54		
160	6.07	4.76	4.32	3.29	2.71	2.73	3.44	4.90	5.46	5.13	3.50	2.81	2.90	3.28	4.15	5.15		
165	4.87	3.68	3.73	3.11	2.77	2.79	2.99	3.49	3.98	3.62	2.97	2.81	2.92	3.17	3.61	4.04		
170	3.08	3.06	3.32	3.01	2.82	2.86	2.89	2.97	2.67	2.92	2.87	2.87	2.94	3.11	3.31	3.38		
175	2.71	3.02	3.07	2.96	2.88	2.92	2.94	3.00	2.58	2.86	2.91	2.89	2.94	3.06	3.12	3.18		
180	2.60	2.93	2.95	2.94	2.92	2.96	3.01	3.06	2.59	2.92	2.94	2.92	2.93	2.99	3.03	3.07		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-30

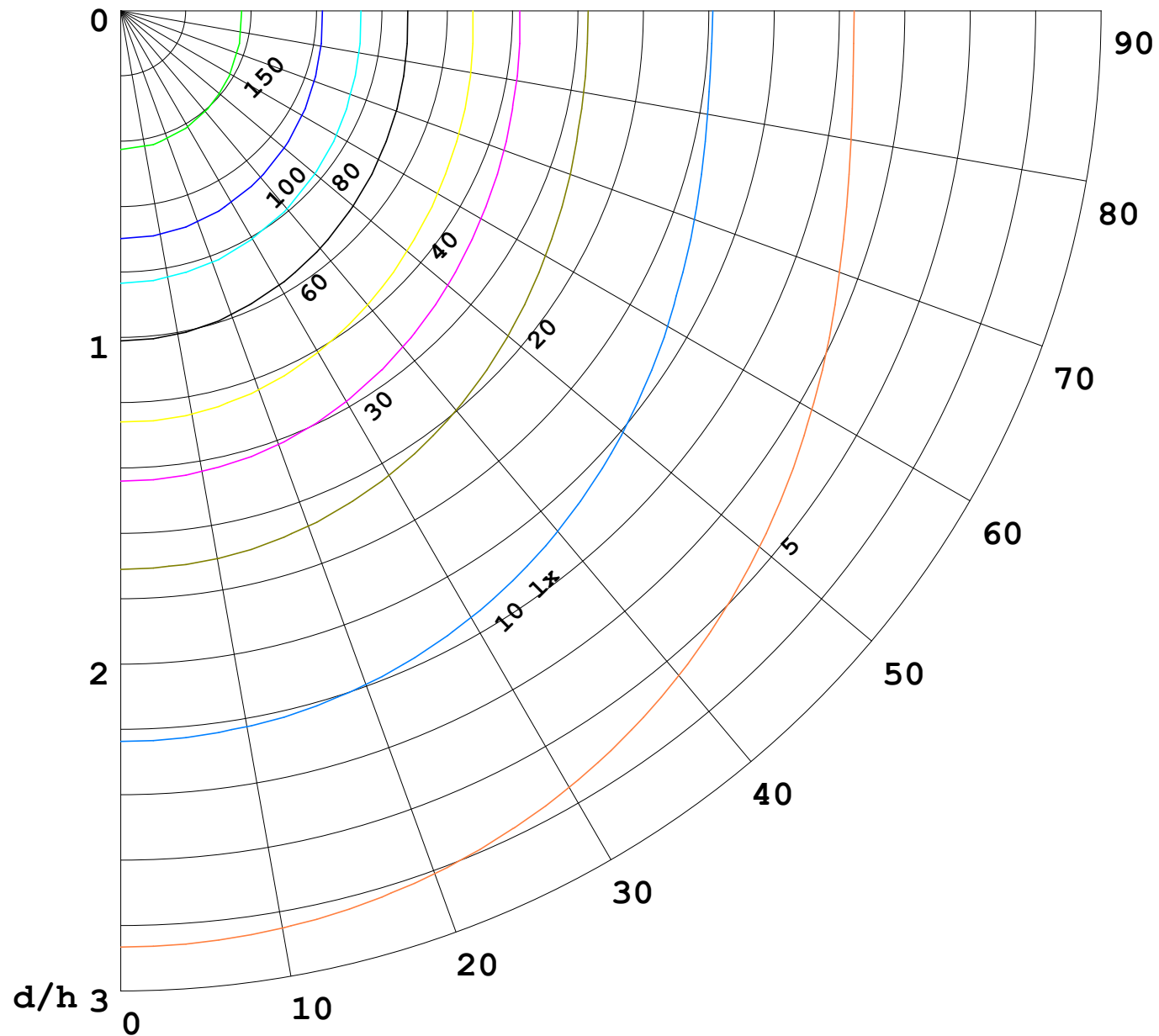
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

