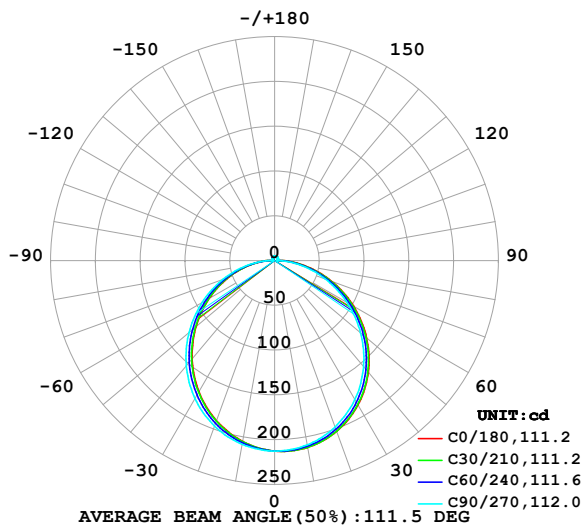


## LUMINAIRE PHOTOMETRIC TEST REPORT

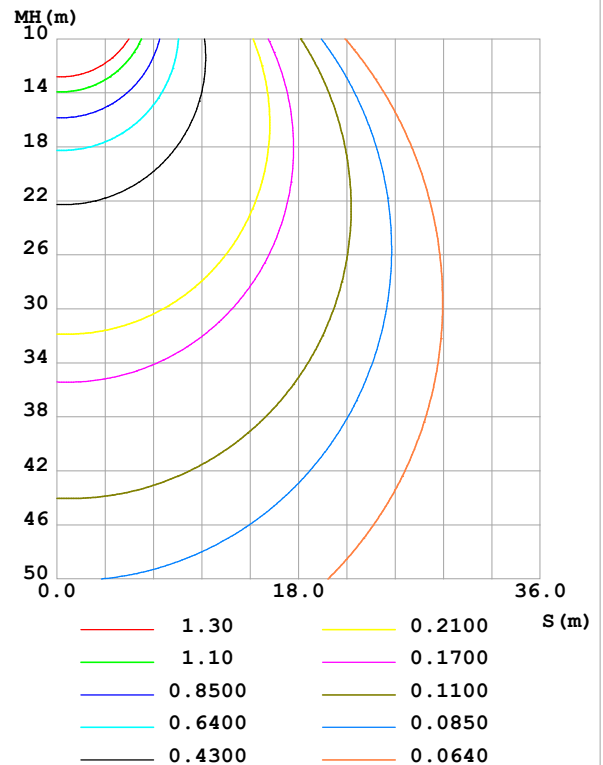
Test:U:24.00V I:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 62.65 lm/W
MODEL	2835	I <sub>max</sub> (cd)	213.3	S/MH(C0/180)	1.19	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	640.10	η UP,DN(C0-180)	2.0,48.7	
NOMINAL FLUX(lm)	640.099	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,47.6	
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: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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	211.9	211.2	209.0	206.5	205.1	206.0	208.4	210.8	0- 10	20.10	20.10	3.14,3.14
20	202.9	201.5	197.6	192.9	190.2	192.0	196.6	201.1	10- 20	57.46	77.57	12.1,12.1
30	186.3	184.2	179.2	172.8	169.2	171.7	177.9	183.9	20- 30	86.77	164.3	25.7,25.7
40	162.9	160.4	154.6	147.5	143.4	146.4	153.5	160.2	30- 40	104.2	268.5	41.9,41.9
50	134.1	131.3	125.3	118.3	114.5	117.6	124.8	131.5	40- 50	107.7	376.1	58.8,58.8
60	101.9	98.87	93.24	87.18	84.28	87.03	93.46	99.49	50- 60	97.57	473.7	74,74
70	67.95	65.26	60.33	55.99	54.30	56.40	61.28	66.09	60- 70	76.25	550.0	85.9,85.9
80	34.65	32.49	29.27	26.96	26.51	27.51	30.33	33.78	70- 80	47.84	597.8	93.4,93.4
90	10.15	7.426	3.006	5.932	7.217	5.869	3.617	7.891	80- 90	18.57	616.4	96.3,96.3
100	3.034	2.984	3.158	3.438	2.993	2.804	3.268	2.631	90-100	4.121	620.5	96.9,96.9
110	3.171	3.211	3.490	3.717	3.230	3.033	3.256	2.741	100-110	3.281	623.8	97.5,97.5
120	3.436	3.551	3.814	3.993	3.523	3.332	3.210	3.014	110-120	3.318	627.1	98,98
130	3.782	3.870	4.109	4.254	3.831	3.661	3.345	3.357	120-130	3.252	630.3	98.5,98.5
140	4.101	4.226	4.389	4.508	4.156	4.023	3.715	3.637	130-140	3.041	633.4	99,99
150	4.490	4.544	4.689	4.773	4.488	4.407	4.252	4.016	140-150	2.677	636.1	99.4,99.4
160	4.818	4.849	4.978	5.029	4.824	4.788	4.671	4.503	150-160	2.138	638.2	99.7,99.7
170	5.091	5.118	5.204	5.203	5.120	5.103	5.050	4.968	160-170	1.401	639.6	99.9,99.9
180	5.241	5.262	5.287	5.237	5.247	5.258	5.281	5.231	170-180	0.4932	640.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 322.77 lm

%lum = 50.4%

%lamp = 50.4%

Conical surface Flux(130deg): 515.06 lm

%lum = 80.5%

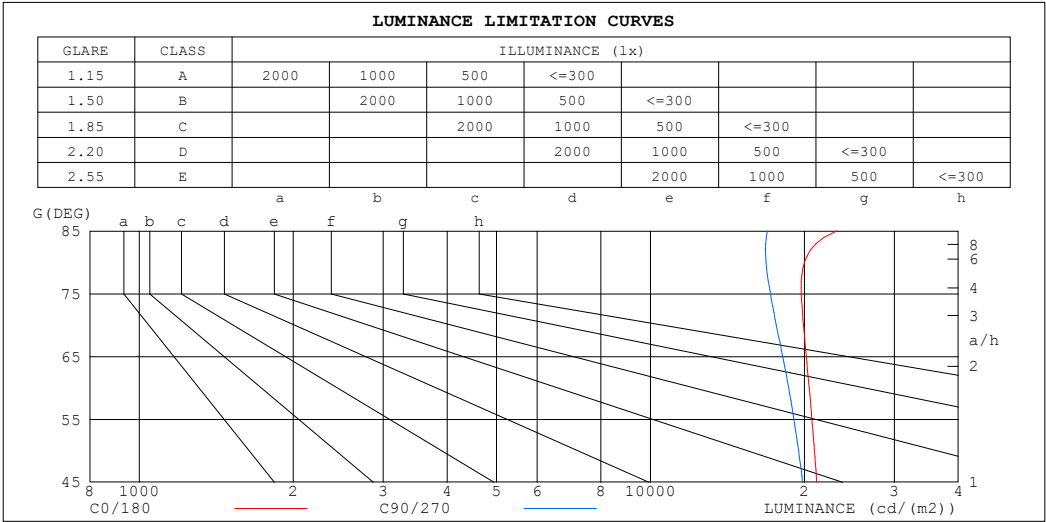
%lamp = 80.5%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-04-18

$\gamma$  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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	23155	16927
80	20013	16839
75	19730	17168
70	19922	17623
65	20171	18137
60	20437	18628
55	20690	19078
50	20924	19481
45	21133	19840

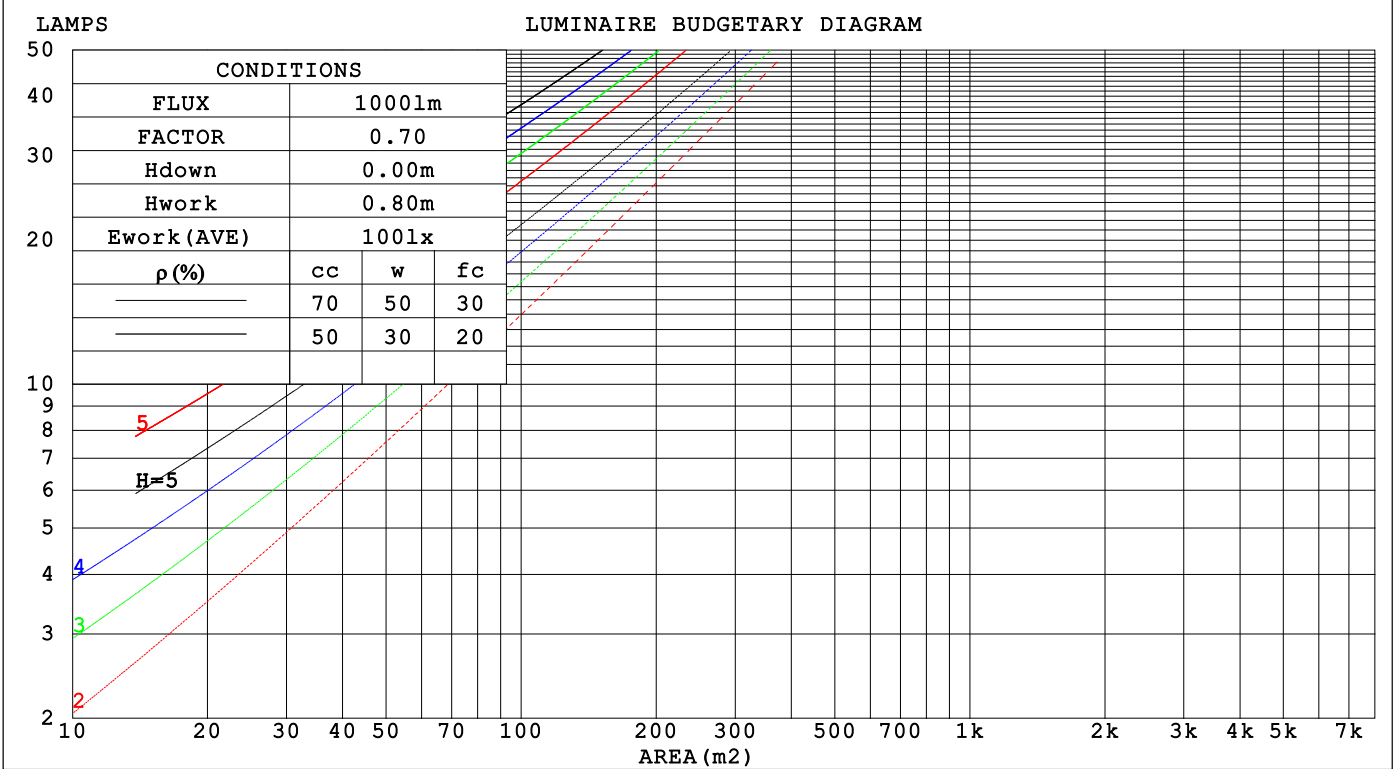
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4257A P:10.22W PF:1.000 Freq:0Hz		
Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	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	.94	.90	.96	.92	.95	.91	.88	.90	.87	.85	.86	.84	.82	.79
2.0	.89	.82	.76	.87	.80	.75	.82	.77	.72	.79	.74	.70	.75	.71	.68	.66
3.0	.78	.70	.63	.76	.68	.62	.72	.66	.60	.69	.64	.59	.66	.61	.57	.55
4.0	.69	.60	.53	.67	.59	.53	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.46	.60	.52	.45	.58	.50	.44	.55	.49	.44	.53	.47	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.34	.29	.24	.23



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	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	.323	.183	.058	.314	.179	.057	.299	.172	.055	.285	.164	.053	.272	.158	.051															
2.0	.298	.163	.050	.291	.160	.049	.277	.154	.048	.265	.148	.046	.253	.143	.045															
3.0	.274	.146	.044	.267	.143	.043	.255	.138	.042	.244	.134	.041	.233	.129	.040															
4.0	.251	.131	.038	.246	.129	.038	.235	.125	.037	.225	.121	.036	.215	.117	.036															
5.0	.232	.118	.034	.227	.116	.034	.217	.113	.033	.208	.110	.033	.199	.106	.032															
6.0	.214	.107	.031	.210	.106	.031	.201	.103	.030	.193	.100	.029	.185	.098	.029															
7.0	.199	.099	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026															
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024															
9.0	.174	.084	.024	.171	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022															
10.0	.164	.078	.022	.160	.077	.022	.155	.076	.021	.149	.074	.021	.144	.072	.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	.162	.179	.158	.139	.123	.109	.096	.071	.063	.056	.023	.020	.018	
2.0	.202	.161	.126	.173	.138	.109	.118	.096	.076	.068	.056	.044	.022	.018	.014	
3.0	.194	.143	.103	.166	.123	.089	.114	.086	.062	.066	.050	.037	.021	.016	.012	
4.0	.186	.130	.087	.160	.112	.076	.110	.078	.053	.064	.046	.031	.020	.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	.158	.099	.058	.136	.086	.051	.094	.060	.036	.055	.035	.021	.018	.012	.007	
9.0	.152	.094	.055	.131	.081	.048	.091	.057	.034	.053	.034	.020	.017	.011	.007	
10.0	.146	.090	.052	.126	.078	.045	.088	.055	.032	.051	.032	.019	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm											
NAME: SF08-24V-2835-120-3500K-80					TYPE:			WEIGHT:			
SPEC.:					DIM.: Length=1m			SERIAL No.:			
MFR.: OLympia lighting					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	24.9	26.4	25.3	26.7	27.0	24.6	26.1	24.9	26.3	26.6
	3H	26.6	28.0	27.0	28.3	28.6	26.2	27.5	26.5	27.8	28.1
	4H	27.4	28.7	27.7	29.0	29.3	26.8	28.1	27.2	28.5	28.8
	6H	28.0	29.2	28.4	29.6	29.9	27.4	28.6	27.8	28.9	29.3
	8H	28.3	29.4	28.7	29.8	30.2	27.6	28.8	28.0	29.1	29.5
	12H	28.5	29.6	28.9	30.0	30.4	27.7	28.9	28.1	29.2	29.6
4H	2H	25.5	26.8	25.9	27.2	27.5	25.3	26.6	25.6	26.9	27.2
	3H	27.4	28.6	27.8	28.9	29.3	27.0	28.2	27.4	28.5	28.9
	4H	28.3	29.4	28.7	29.7	30.2	27.9	28.9	28.3	29.3	29.7
	6H	29.1	30.0	29.5	30.4	30.9	28.5	29.5	29.0	29.9	30.3
	8H	29.4	30.3	29.9	30.7	31.2	28.8	29.7	29.3	30.1	30.6
	12H	29.7	30.5	30.2	31.0	31.5	29.0	29.8	29.5	30.3	30.8
8H	4H	28.6	29.5	29.1	29.9	30.4	28.2	29.1	28.7	29.5	30.0
	6H	29.6	30.3	30.1	30.8	31.3	29.1	29.8	29.6	30.3	30.8
	8H	30.0	30.7	30.5	31.2	31.7	29.5	30.1	30.0	30.6	31.1
	12H	30.5	31.0	31.0	31.5	32.1	29.8	30.3	30.3	30.9	31.4
12H	4H	28.6	29.4	29.1	29.9	30.4	28.3	29.0	28.7	29.5	30.0
	6H	29.7	30.3	30.2	30.8	31.3	29.2	29.8	29.7	30.3	30.9
	8H	30.2	30.7	30.7	31.2	31.8	29.6	30.2	30.2	30.7	31.3
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					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 640.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.6)  
Area: 0.01 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

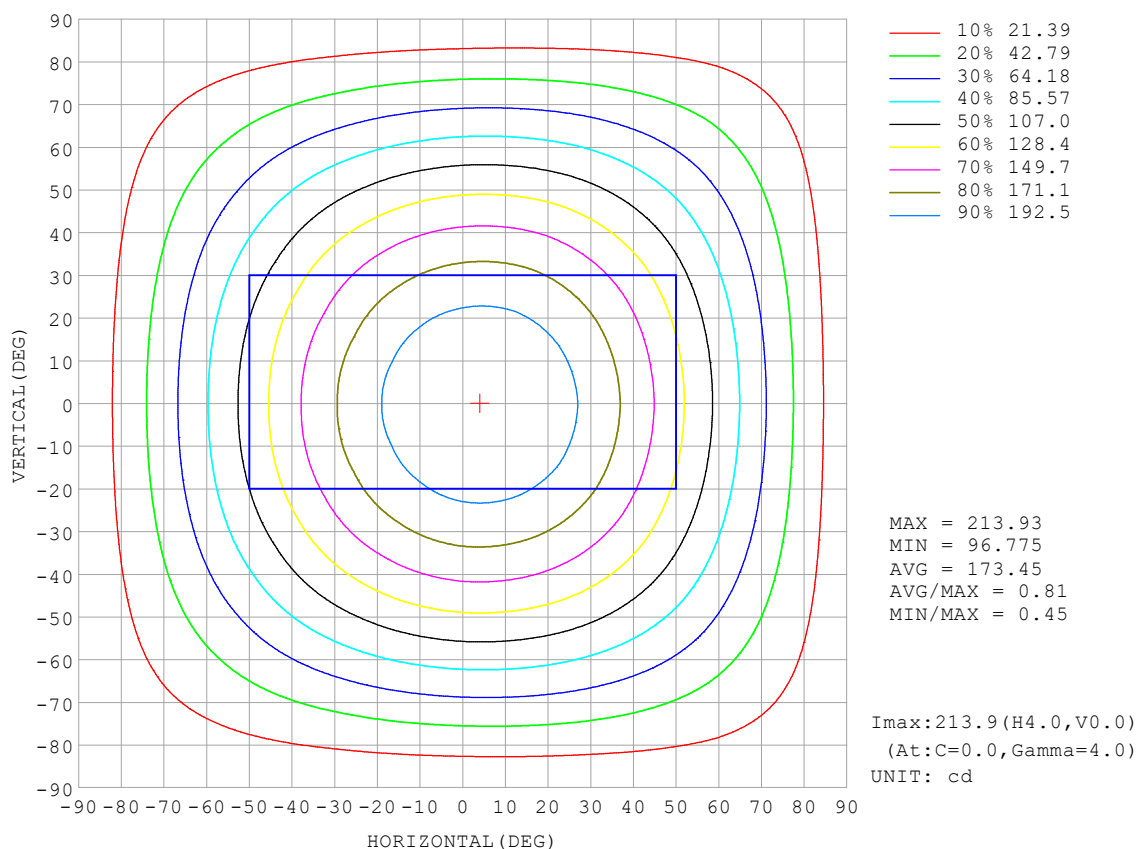
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	53	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	79	69	62	76	68	61	54
1.50	86	76	69	84	75	68	81	73	67	58
2.00	93	84	77	91	83	76	87	80	75	66
2.50	97	89	82	95	87	81	90	84	79	70
3.00	100	93	87	98	91	86	93	88	83	74
4.00	105	98	94	102	96	92	97	92	89	79
5.00	107	102	98	104	100	96	99	95	92	82
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



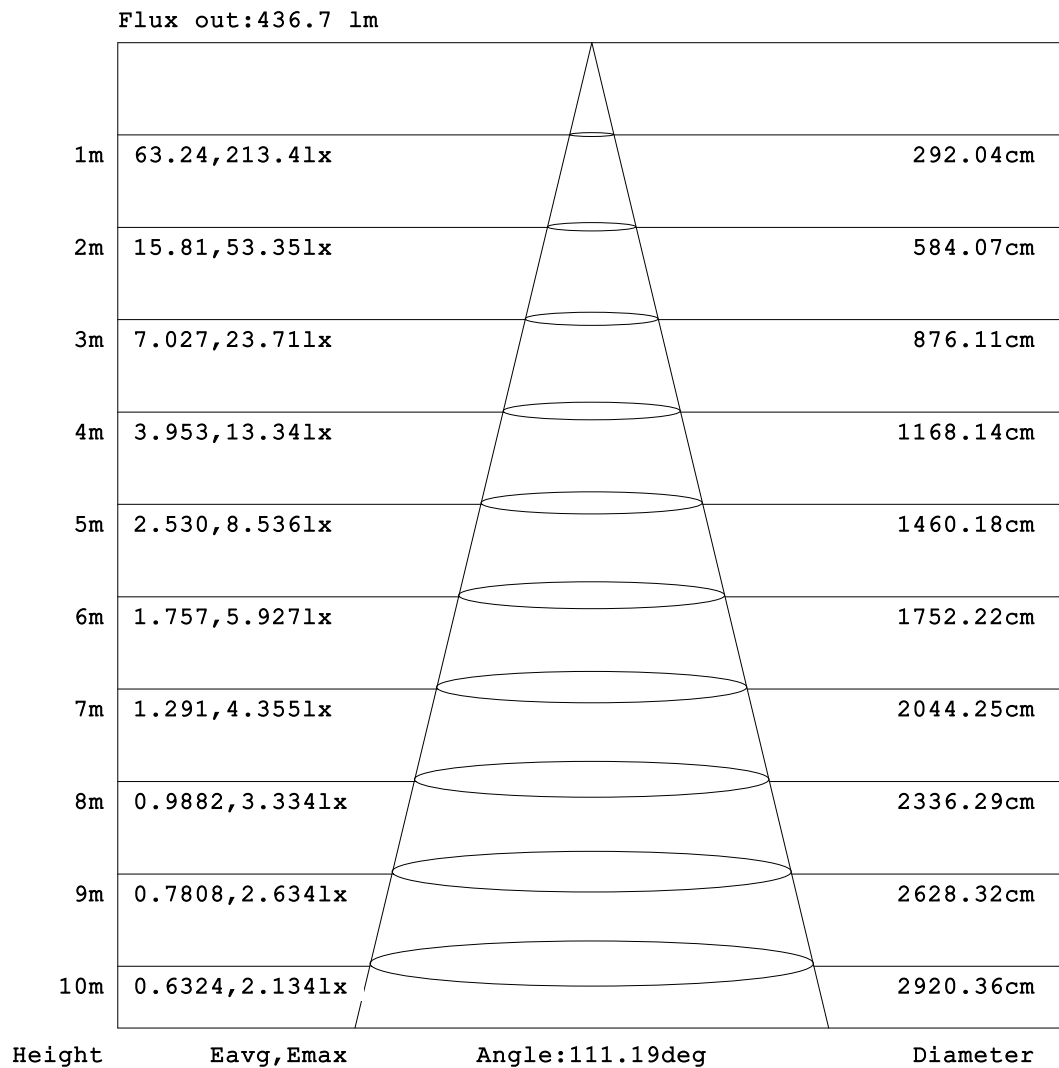
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



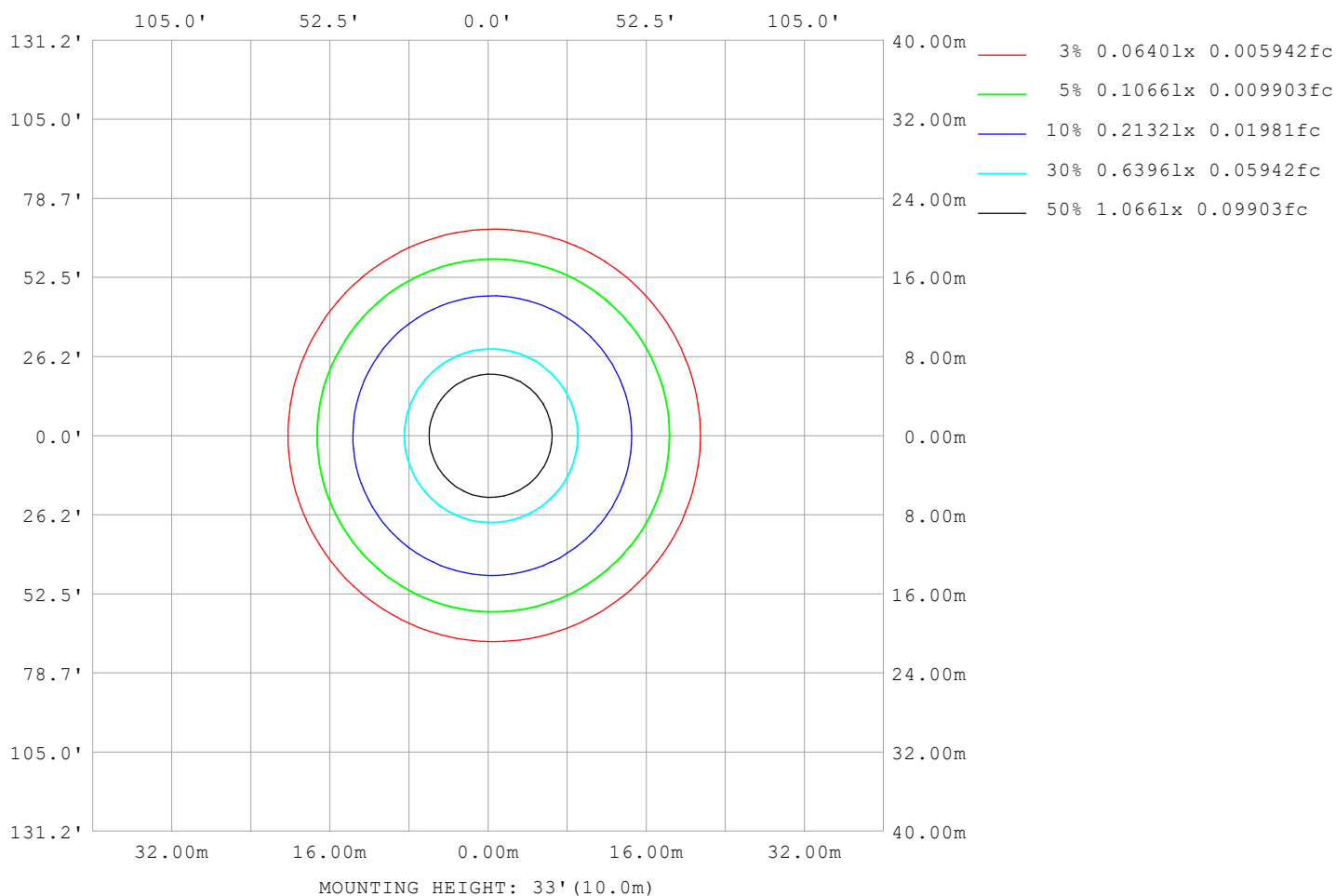
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 2025-04-18

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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm		
NAME: SF08-24V-2835-120-3500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

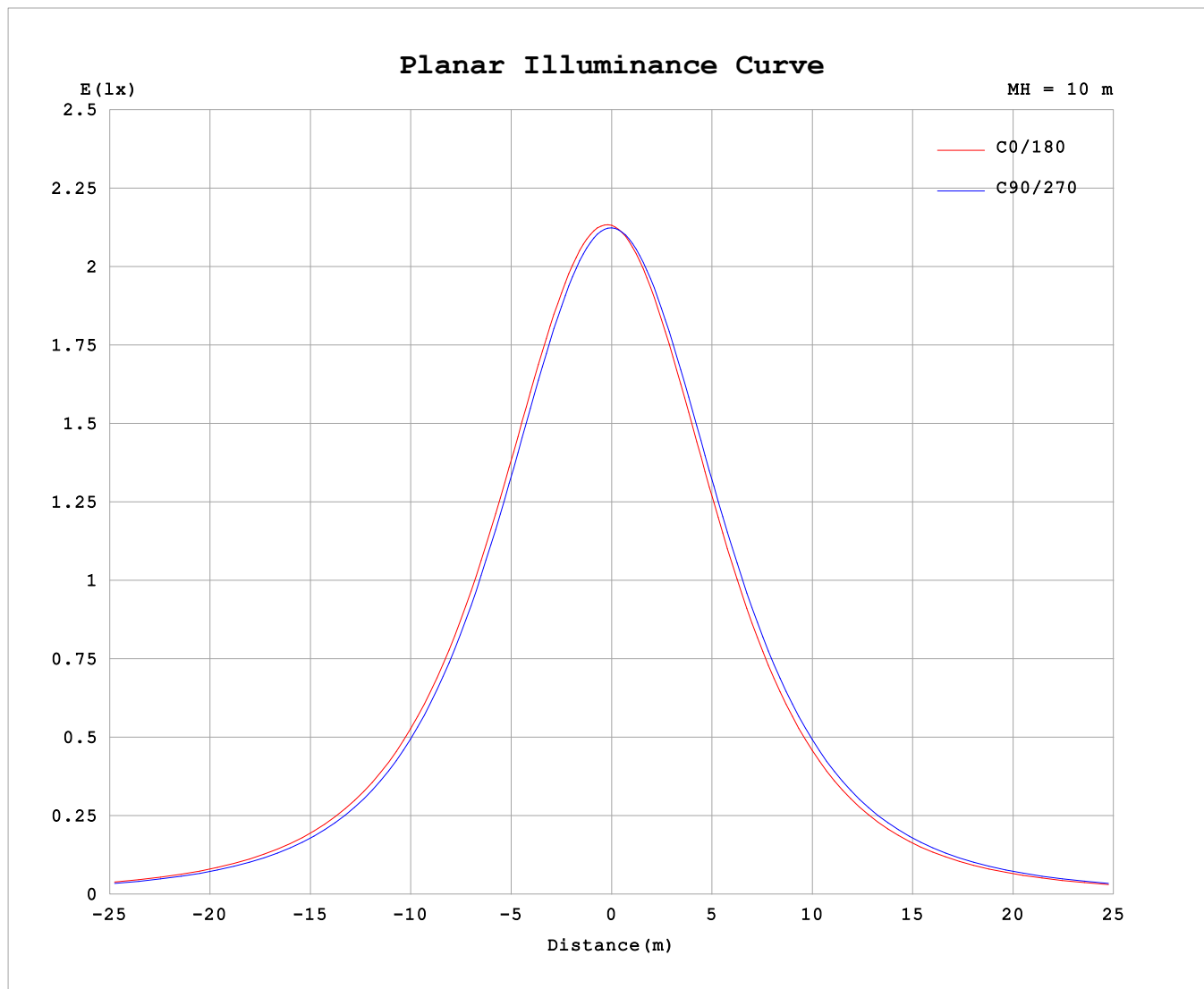
AvgL	cd/m2
L_0~180 (65) av	18241
L_0~180 (75) av	17566
L_0~180 (85) av	20135
L_90~270 (65) av	18230
L_90~270 (75) av	17389
L_90~270 (85) av	17584
L_45 (65) av	18218
L_45 (75) av	17479
L_45 (85) av	18790

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

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: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators:  
Test Date: 2025-04-18

$\gamma$  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:0.4257A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:640.099x1 lm																	
NAME: SF08-24V-2835-120-3500K-80									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.: OLYMPIA lighting									SUR.:						Shielding Angle:		

Table--1

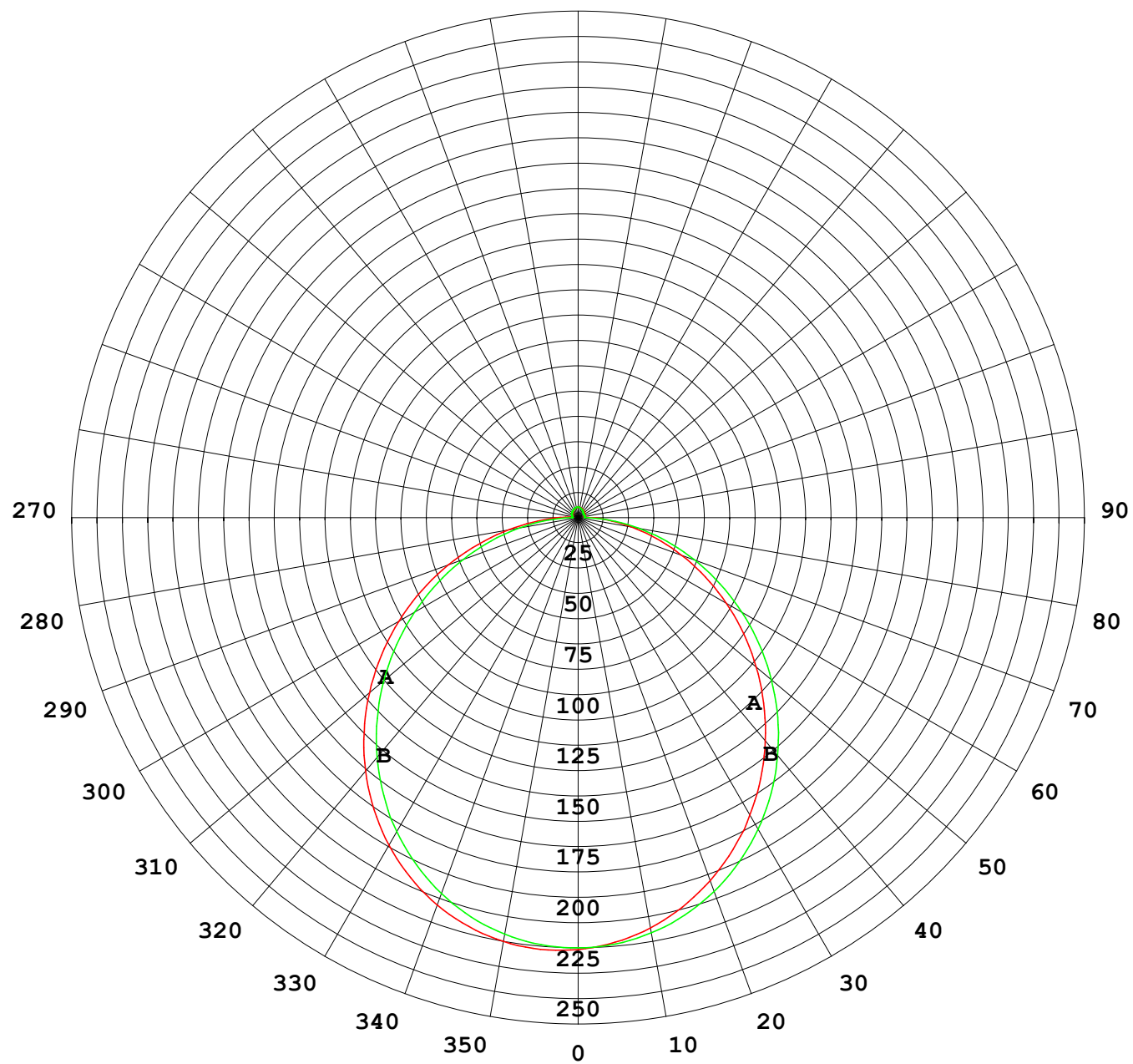
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	213	213	213	213	213	213	213	213	213	213	213	213						
5	213	213	213	212	211	210	210	210	211	211	212	213						
10	212	212	211	209	207	206	205	205	207	208	210	212						
15	208	208	207	204	202	199	198	199	201	203	206	208						
20	203	203	200	198	194	192	190	191	193	197	200	202						
25	195	195	193	189	185	182	180	181	184	188	192	195						
30	186	186	183	179	175	171	169	170	174	178	182	185						
35	175	175	172	168	163	159	157	158	162	166	171	174						
40	163	162	159	155	149	145	143	144	148	153	159	162						
45	149	148	145	140	135	131	129	130	134	140	145	148						
50	134	133	129	125	120	116	115	116	120	125	130	133						
55	118	117	114	110	105	101	99.5	100	104	109	114	117						
60	102	101	97.1	93.2	88.8	85.5	84.3	85.2	88.8	93.5	98.0	101						
65	85.0	83.8	80.4	76.7	72.9	70.1	69.2	70.1	73.2	77.4	81.4	84.2						
70	67.9	66.8	63.7	60.3	57.1	54.9	54.3	55.1	57.7	61.3	64.8	67.4						
75	50.9	49.8	47.3	44.5	41.9	40.3	40.0	40.7	42.6	45.5	48.5	50.8						
80	34.7	33.5	31.4	29.3	27.4	26.5	26.5	26.9	28.1	30.3	32.8	34.8						
85	20.1	19.1	16.3	14.8	14.0	14.6	15.0	14.7	14.6	15.9	18.0	19.8						
90	10.2	9.09	5.76	3.01	5.08	6.79	7.22	6.73	5.01	3.62	6.53	9.25						
95	4.11	3.64	2.93	2.98	3.38	3.53	3.31	3.09	2.67	3.20	2.78	3.27						
100	3.03	3.06	2.91	3.16	3.42	3.45	2.99	2.90	2.71	3.27	2.71	2.55						
105	3.07	3.10	3.05	3.33	3.55	3.58	3.09	2.96	2.83	3.29	2.73	2.58						
110	3.17	3.20	3.22	3.49	3.70	3.73	3.23	3.09	2.98	3.26	2.80	2.69						
115	3.29	3.37	3.39	3.65	3.84	3.88	3.37	3.23	3.13	3.21	2.94	2.83						
120	3.44	3.56	3.55	3.81	3.97	4.01	3.52	3.38	3.28	3.21	3.00	3.03						
125	3.63	3.69	3.72	3.96	4.10	4.15	3.68	3.55	3.44	3.26	3.13	3.24						
130	3.78	3.83	3.91	4.11	4.23	4.28	3.83	3.71	3.61	3.35	3.30	3.42						
135	3.94	4.00	4.10	4.24	4.34	4.42	3.99	3.88	3.79	3.52	3.48	3.43						
140	4.10	4.20	4.26	4.39	4.47	4.54	4.16	4.07	3.98	3.72	3.66	3.61						
145	4.30	4.37	4.41	4.54	4.61	4.67	4.33	4.25	4.18	3.91	3.86	3.79						
150	4.49	4.53	4.56	4.69	4.75	4.79	4.49	4.43	4.39	4.25	4.05	3.98						
155	4.66	4.68	4.71	4.84	4.88	4.93	4.66	4.61	4.59	4.47	4.41	4.18						
160	4.82	4.84	4.86	4.98	5.01	5.05	4.82	4.79	4.78	4.67	4.62	4.39						
165	4.97	4.98	5.00	5.11	5.12	5.14	4.99	4.96	4.96	4.88	4.82	4.57						
170	5.09	5.11	5.12	5.20	5.20	5.21	5.12	5.09	5.12	5.05	5.00	4.94						
175	5.18	5.20	5.21	5.28	5.24	5.22	5.21	5.18	5.23	5.19	5.15	5.09						
180	5.24	5.25	5.27	5.29	5.25	5.22	5.25	5.24	5.27	5.28	5.26	5.20						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-18

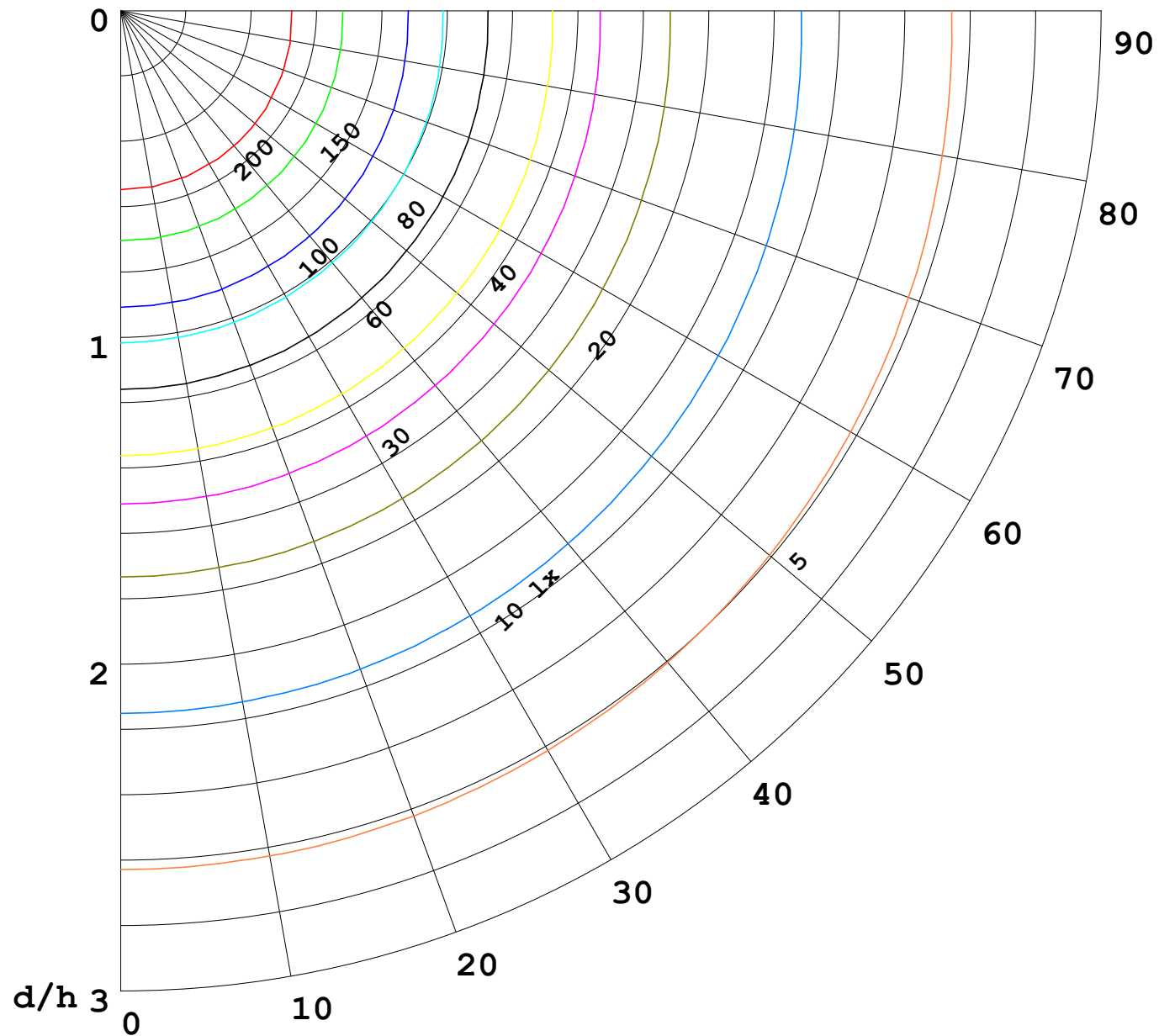
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

