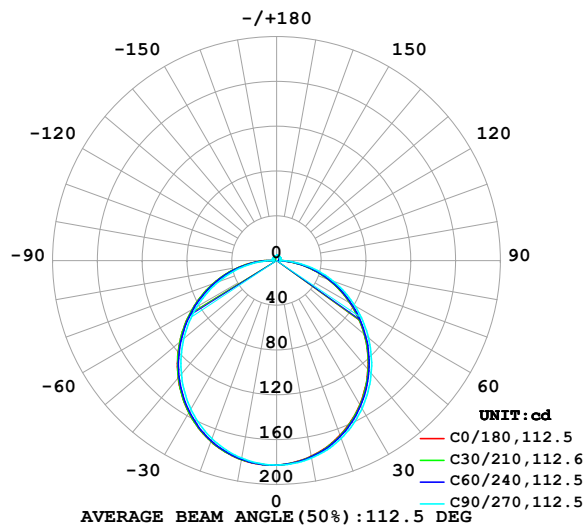


## LUMINAIRE PHOTOMETRIC TEST REPORT

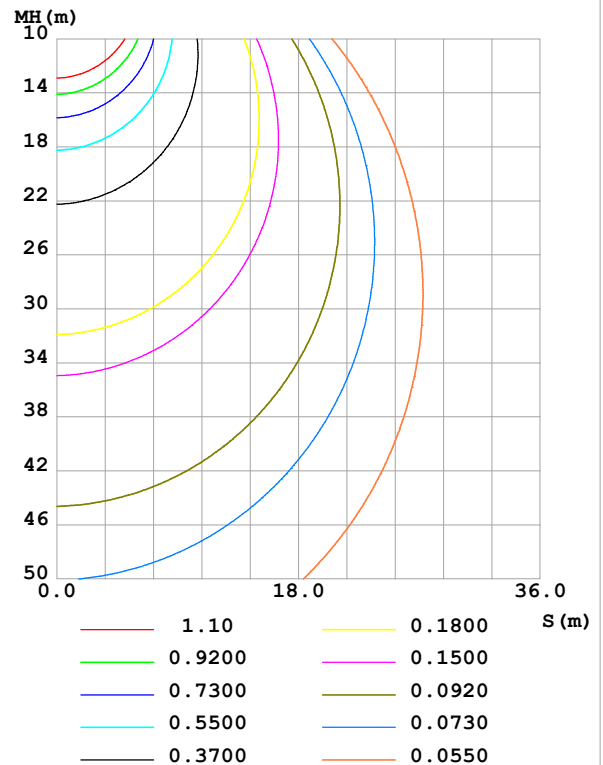
Test:U:24.00V I:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.26 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	182.8	S/MH(C0/180)	1.28
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	558.84	η UP,DN(C0-180)	1.9,47.4
NOMINAL FLUX(lm)	558.843	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.1,48.6
LAMPS INSIDE	1	η up (%)	4.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down (%)	96.0	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:2025-02-15

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	177.5	178.0	179.1	180.3	180.6	180.4	179.3	178.0	0- 10	17.27	17.27	3.09,3.09
20	165.9	166.7	168.9	171.4	171.9	171.5	169.3	166.9	10- 20	49.36	66.62	11.9,11.9
30	148.7	149.6	152.6	156.2	156.8	156.3	153.3	149.9	20- 30	74.50	141.1	25.3,25.3
40	127.0	127.9	131.5	136.0	136.8	136.1	132.4	128.5	30- 40	89.47	230.6	41.3,41.3
50	102.2	103.1	107.0	112.2	113.0	112.3	108.2	103.7	40- 50	92.76	323.3	57.9,57.9
60	75.77	76.59	80.70	86.08	87.01	86.35	82.05	77.33	50- 60	84.75	408.1	73,73
70	48.94	49.68	53.76	59.18	60.26	59.63	55.33	50.48	60- 70	67.43	475.5	85.1,85.1
80	22.63	23.24	27.21	32.48	33.69	33.07	28.87	24.09	70- 80	43.68	519.2	92.9,92.9
90	3.713	2.942	2.887	7.406	9.460	7.972	3.789	3.806	80- 90	17.18	536.4	96,96
100	2.562	2.610	3.127	3.019	2.536	3.114	3.805	3.161	90-100	3.729	540.1	96.6,96.6
110	2.836	2.927	3.364	3.246	2.477	3.281	3.988	3.383	100-110	3.262	543.4	97.2,97.2
120	3.146	3.230	3.572	3.484	2.776	3.501	4.106	3.577	110-120	3.289	546.7	97.8,97.8
130	3.462	3.471	3.751	3.713	3.095	3.693	4.175	3.763	120-130	3.176	549.8	98.4,98.4
140	3.742	3.702	3.918	3.935	3.420	3.895	4.233	3.931	130-140	2.899	552.7	98.9,98.9
150	4.015	3.950	4.239	4.174	3.751	4.093	4.331	4.097	140-150	2.485	555.2	99.4,99.4
160	4.274	4.273	4.456	4.397	4.079	4.284	4.435	4.288	150-160	1.940	557.2	99.7,99.7
170	4.352	4.542	4.623	4.566	4.263	4.446	4.525	4.470	160-170	1.246	558.4	99.9,99.9
180	4.429	4.593	4.641	4.627	4.429	4.587	4.641	4.621	170-180	0.4318	558.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 277.29 lm

%lum = 49.6%

%lamp = 49.6%

Conical surface Flux(130deg): 444.45 lm

%lum = 79.5%

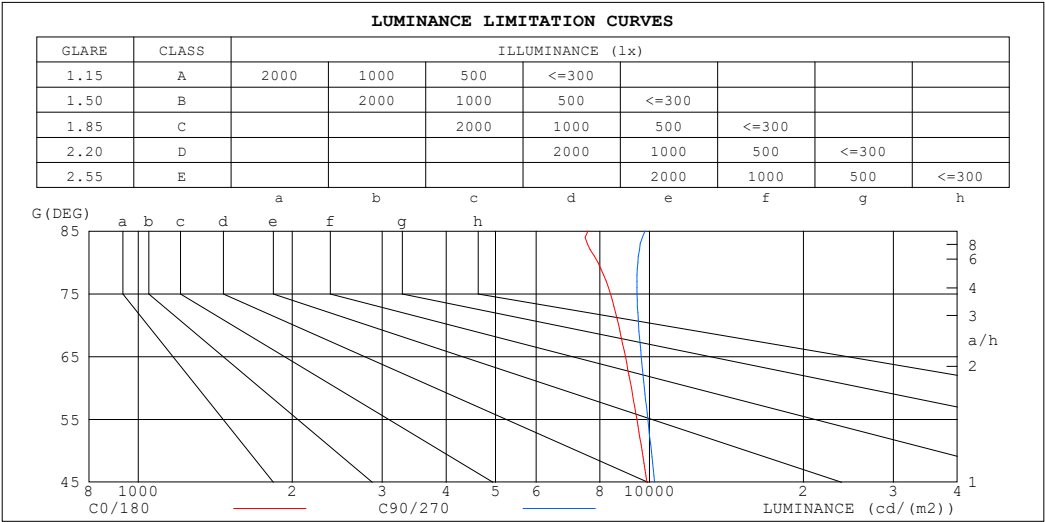
%lamp = 79.5%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-02-15

$\gamma$  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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-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	7583	9803
80	7926	9486
75	8385	9456
70	8702	9516
65	8969	9635
60	9217	9771
55	9448	9922
50	9673	10081
45	9882	10239

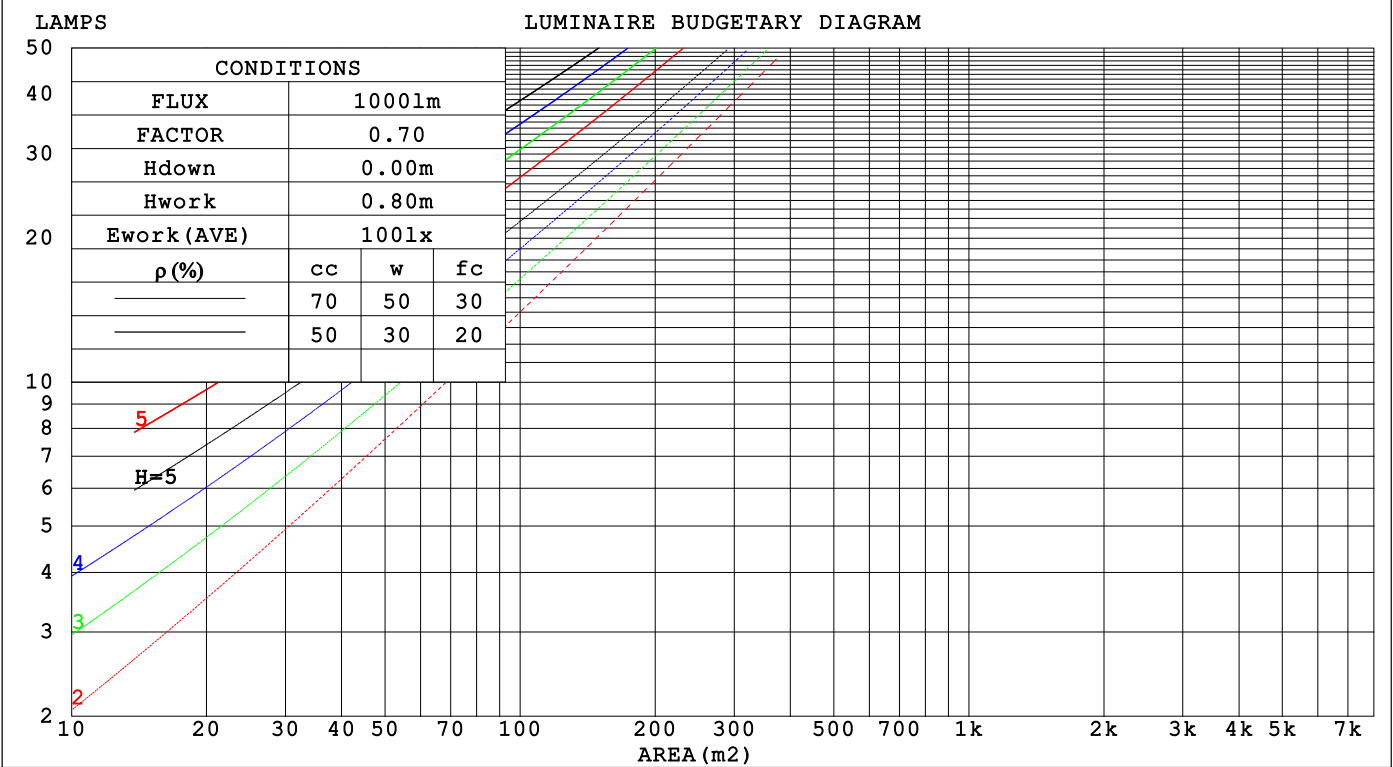
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz		
Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-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	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.02	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.85	.83	.81	.79
2.0	.88	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.74	.71	.67	.65
3.0	.77	.69	.62	.76	.68	.62	.72	.65	.60	.69	.63	.58	.66	.61	.57	.54
4.0	.68	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.49	.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	.35	.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	.29	.25	.35	.29	.24	.34	.28	.24	.22



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:

Test Date:2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-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	.327	.186	.059	.318	.182	.058	.303	.174	.055	.288	.166	.053	.275	.160	.051		
2.0	.301	.165	.051	.294	.162	.050	.280	.156	.048	.267	.150	.047	.255	.144	.046		
3.0	.276	.147	.044	.269	.144	.043	.257	.139	.042	.245	.134	.041	.235	.130	.040		
4.0	.253	.131	.039	.247	.129	.038	.236	.125	.037	.226	.121	.037	.216	.117	.036		
5.0	.233	.119	.034	.228	.117	.034	.218	.113	.033	.209	.110	.033	.200	.107	.032		
6.0	.215	.108	.031	.211	.106	.031	.202	.103	.030	.193	.101	.030	.186	.098	.029		
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.180	.092	.027	.173	.090	.026		
8.0	.186	.091	.026	.183	.090	.025	.175	.088	.025	.169	.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	.079	.022	.161	.078	.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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.212	.187	.164	.182	.160	.141	.124	.110	.098	.072	.064	.057	.023	.021	.018	
2.0	.205	.163	.128	.175	.140	.111	.120	.097	.077	.069	.056	.045	.022	.018	.015	
3.0	.197	.146	.105	.169	.126	.091	.116	.087	.064	.067	.051	.038	.022	.017	.012	
4.0	.189	.132	.089	.162	.114	.077	.112	.080	.055	.065	.047	.032	.021	.015	.011	
5.0	.182	.122	.078	.156	.106	.068	.107	.074	.048	.062	.043	.029	.020	.014	.009	
6.0	.174	.114	.070	.150	.099	.061	.103	.069	.043	.060	.041	.026	.019	.013	.009	
7.0	.168	.107	.065	.144	.093	.056	.100	.065	.040	.058	.038	.024	.019	.013	.008	
8.0	.161	.101	.060	.139	.088	.053	.096	.062	.037	.056	.036	.022	.018	.012	.007	
9.0	.155	.096	.057	.133	.084	.050	.092	.059	.035	.054	.035	.021	.017	.011	.007	
10.0	.149	.092	.054	.129	.080	.047	.089	.056	.034	.052	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm											
NAME: SF17-24V-2835-120-U2-3000K-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	22.1	23.6	22.4	23.9	24.2	22.3	23.8	22.6	24.1	24.4
	3H	23.7	25.1	24.1	25.4	25.7	24.0	25.4	24.3	25.7	26.0
	4H	24.4	25.7	24.7	26.0	26.3	24.7	26.0	25.1	26.4	26.7
	6H	24.9	26.1	25.3	26.5	26.8	25.3	26.6	25.7	26.9	27.3
	8H	25.1	26.2	25.5	26.6	27.0	25.6	26.8	26.0	27.1	27.5
	12H	25.2	26.3	25.6	26.7	27.1	25.8	26.9	26.2	27.3	27.7
4H	2H	22.7	24.0	23.1	24.4	24.7	22.9	24.2	23.3	24.5	24.9
	3H	24.5	25.7	24.9	26.0	26.4	24.7	25.9	25.1	26.3	26.6
	4H	25.3	26.4	25.7	26.7	27.2	25.6	26.7	26.0	27.0	27.5
	6H	26.0	26.9	26.4	27.3	27.8	26.4	27.3	26.8	27.7	28.2
	8H	26.2	27.1	26.7	27.5	28.0	26.7	27.5	27.1	28.0	28.5
	12H	26.4	27.2	26.9	27.6	28.1	26.9	27.7	27.4	28.2	28.7
8H	4H	25.6	26.5	26.1	26.9	27.4	25.9	26.7	26.3	27.2	27.7
	6H	26.4	27.1	26.9	27.6	28.1	26.8	27.5	27.3	28.0	28.5
	8H	26.7	27.4	27.3	27.9	28.4	27.2	27.8	27.7	28.3	28.9
	12H	27.0	27.6	27.6	28.1	28.7	27.5	28.1	28.1	28.6	29.2
12H	4H	25.6	26.4	26.1	26.9	27.4	25.9	26.7	26.4	27.1	27.6
	6H	26.5	27.1	27.0	27.6	28.2	26.9	27.5	27.4	28.0	28.5
	8H	26.9	27.4	27.4	27.9	28.5	27.3	27.9	27.8	28.4	28.9
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, 558.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.0)  
Area: 0.0165 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

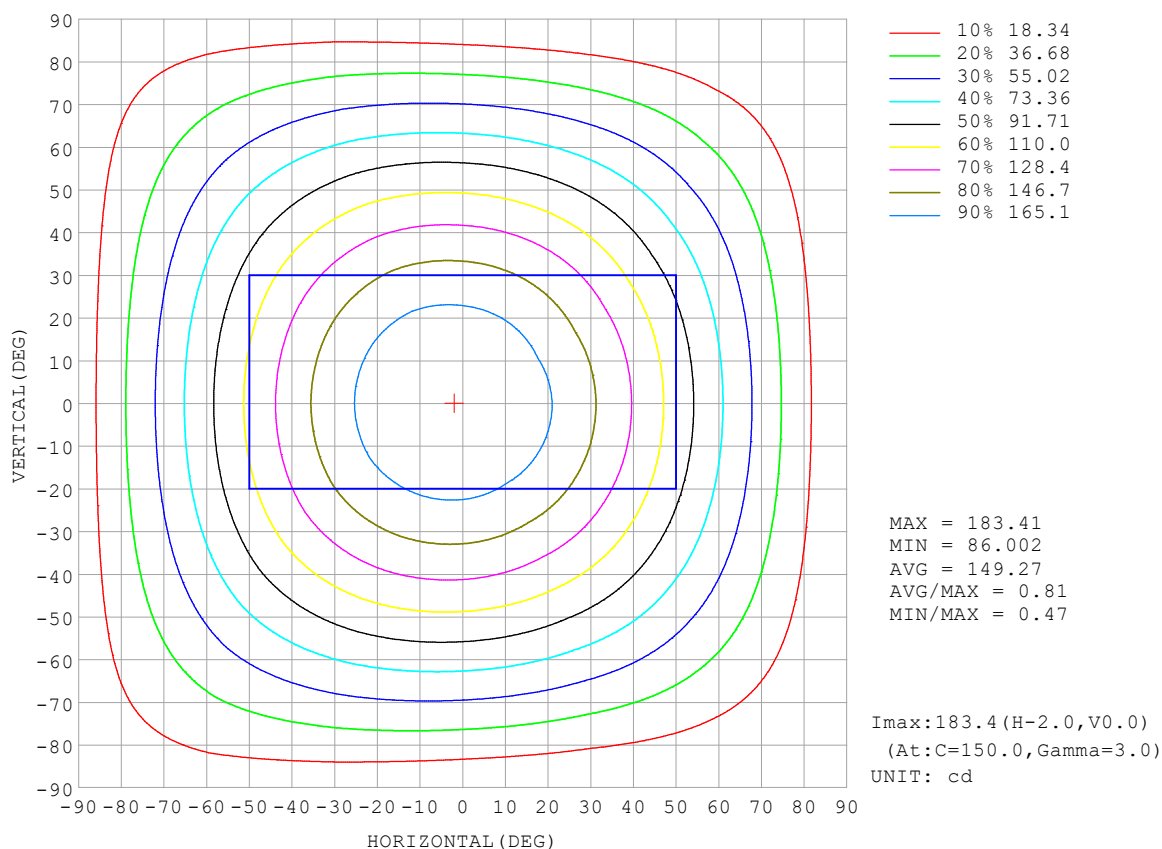
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	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	90	82	76	86	79	74	65
2.50	97	88	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	87	83	73
4.00	104	98	93	101	96	91	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: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

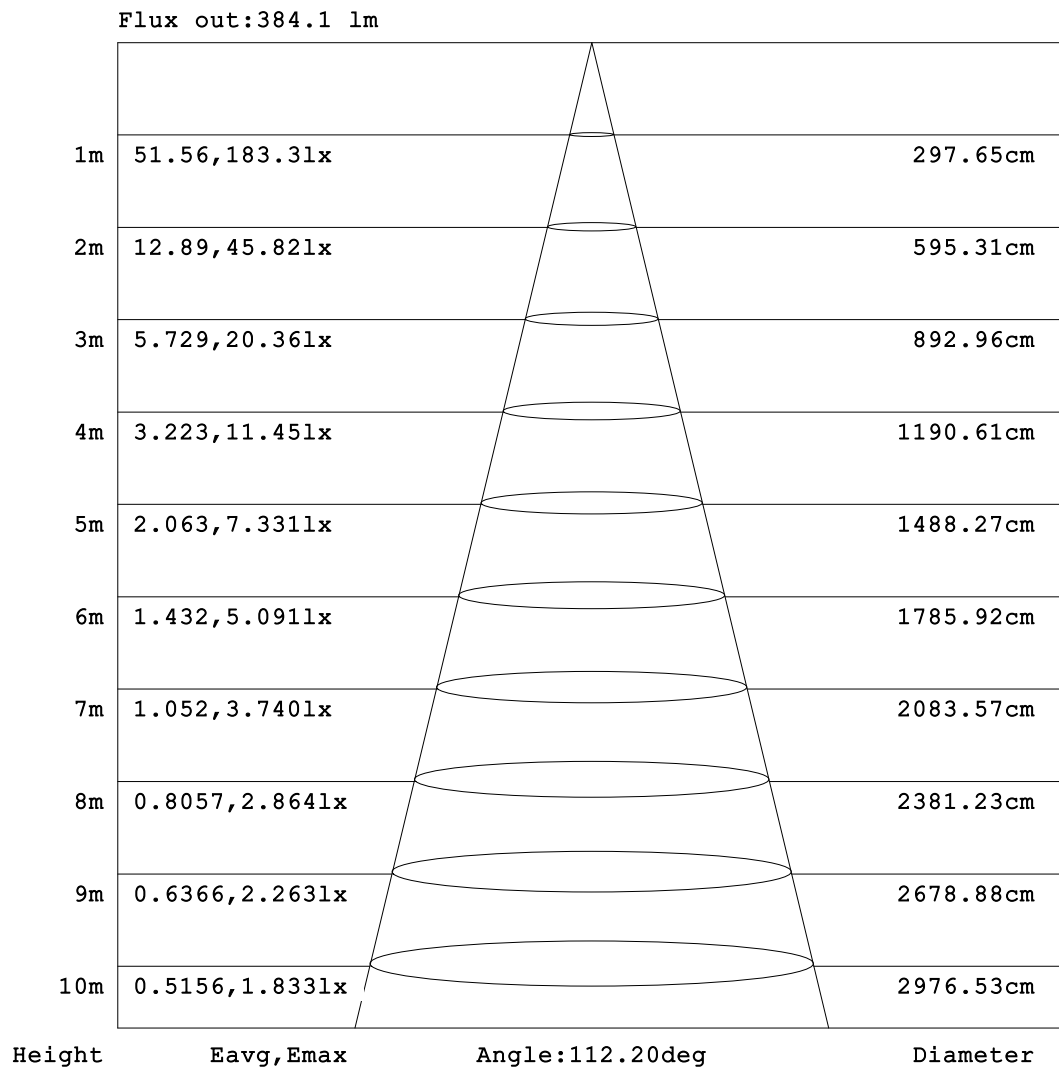


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



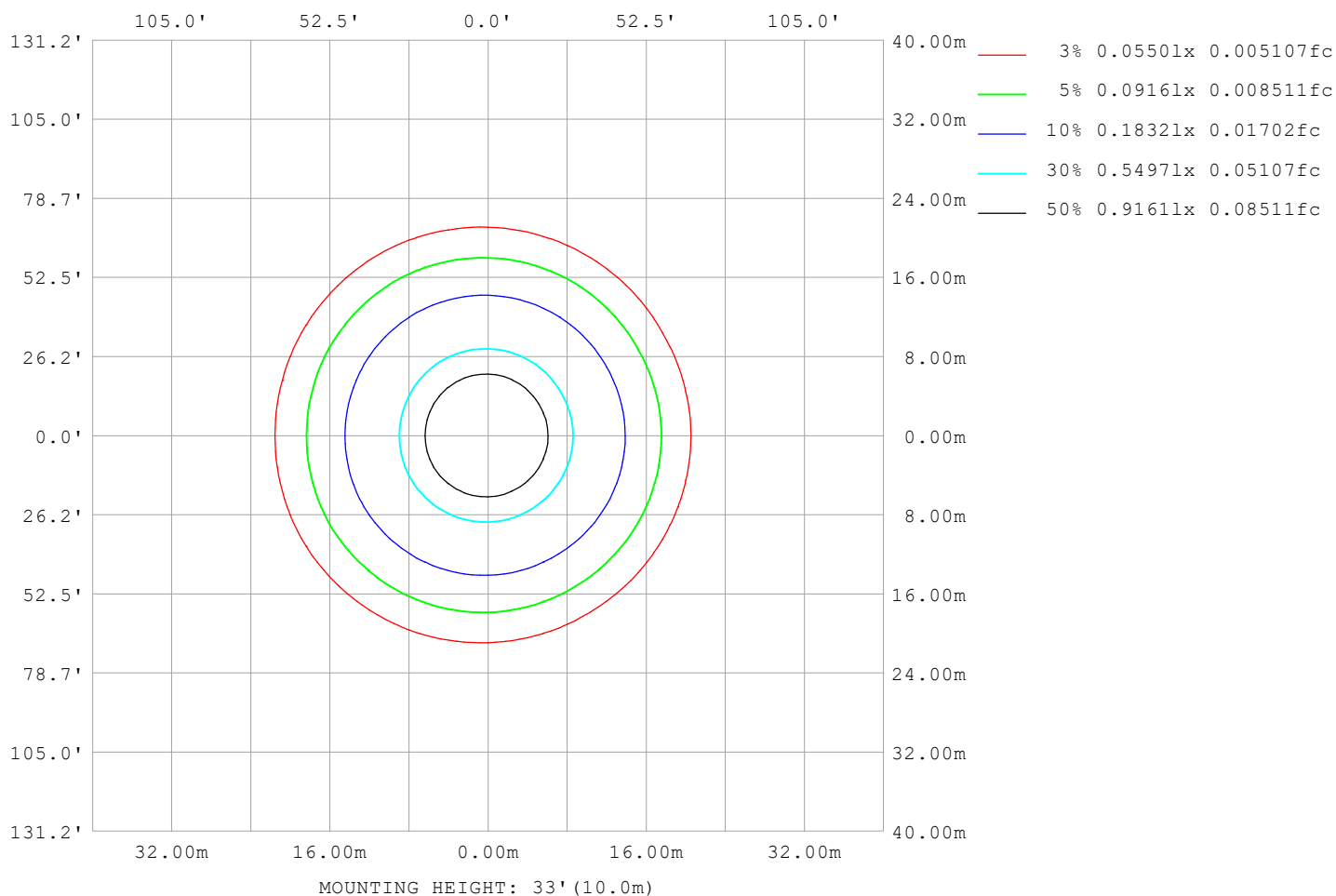
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-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: 2025-02-15

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:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

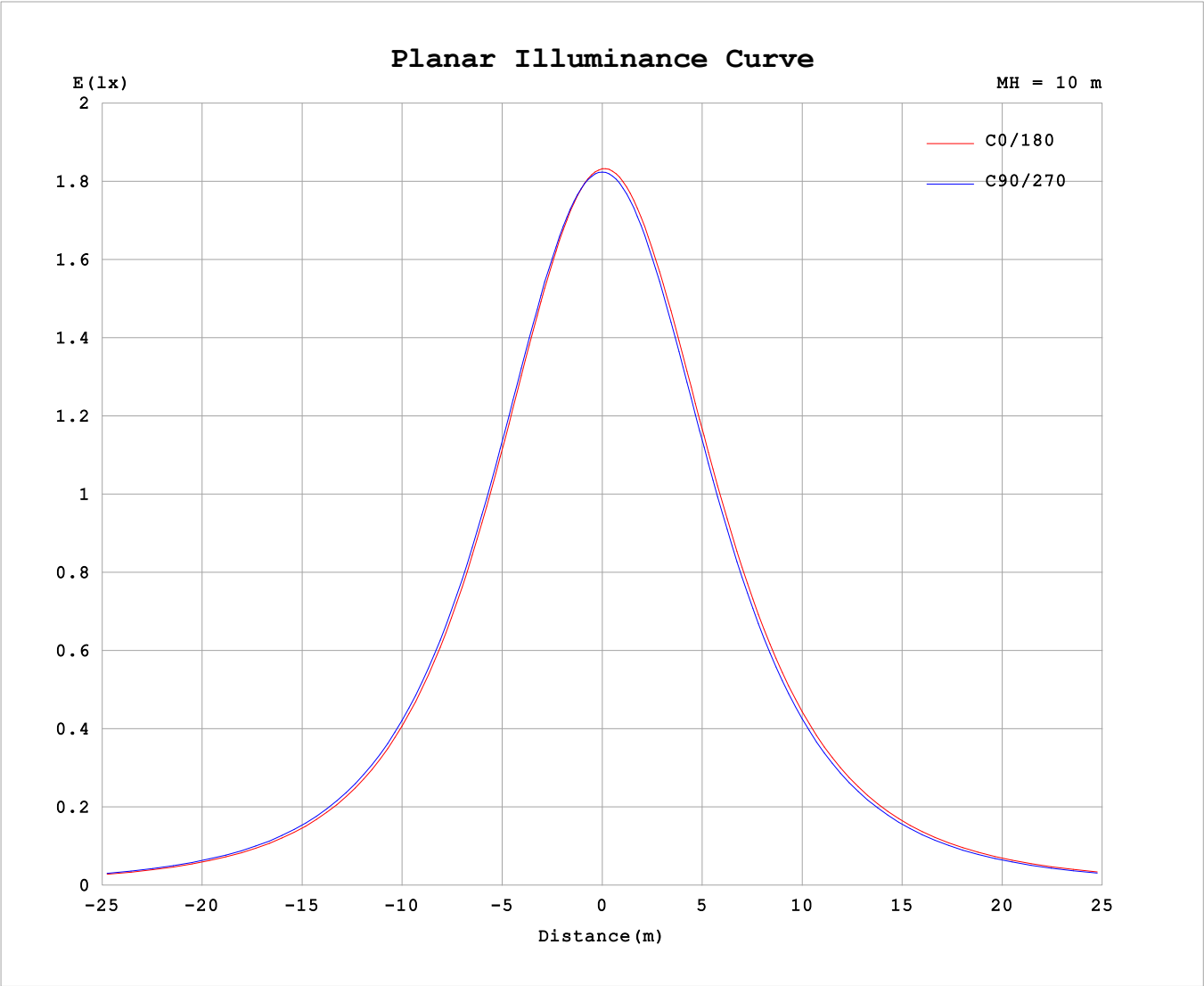
AvgL	cd/m2
L_0~180 (65) av	9753
L_0~180 (75) av	9672
L_0~180 (85) av	10938
L_90~270 (65) av	9749
L_90~270 (75) av	9655
L_90~270 (85) av	10389
L_45 (65) av	9780
L_45 (75) av	9705
L_45 (85) av	10675

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-02-15

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	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:6.360m [K=1.0000]
Test Date:2025-02-15	Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4139A P:9.934W PF:1.000 Freq:0Hz Lamp Flux:558.843x1 lm		
NAME: SF17-24V-2835-120-U2-3000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

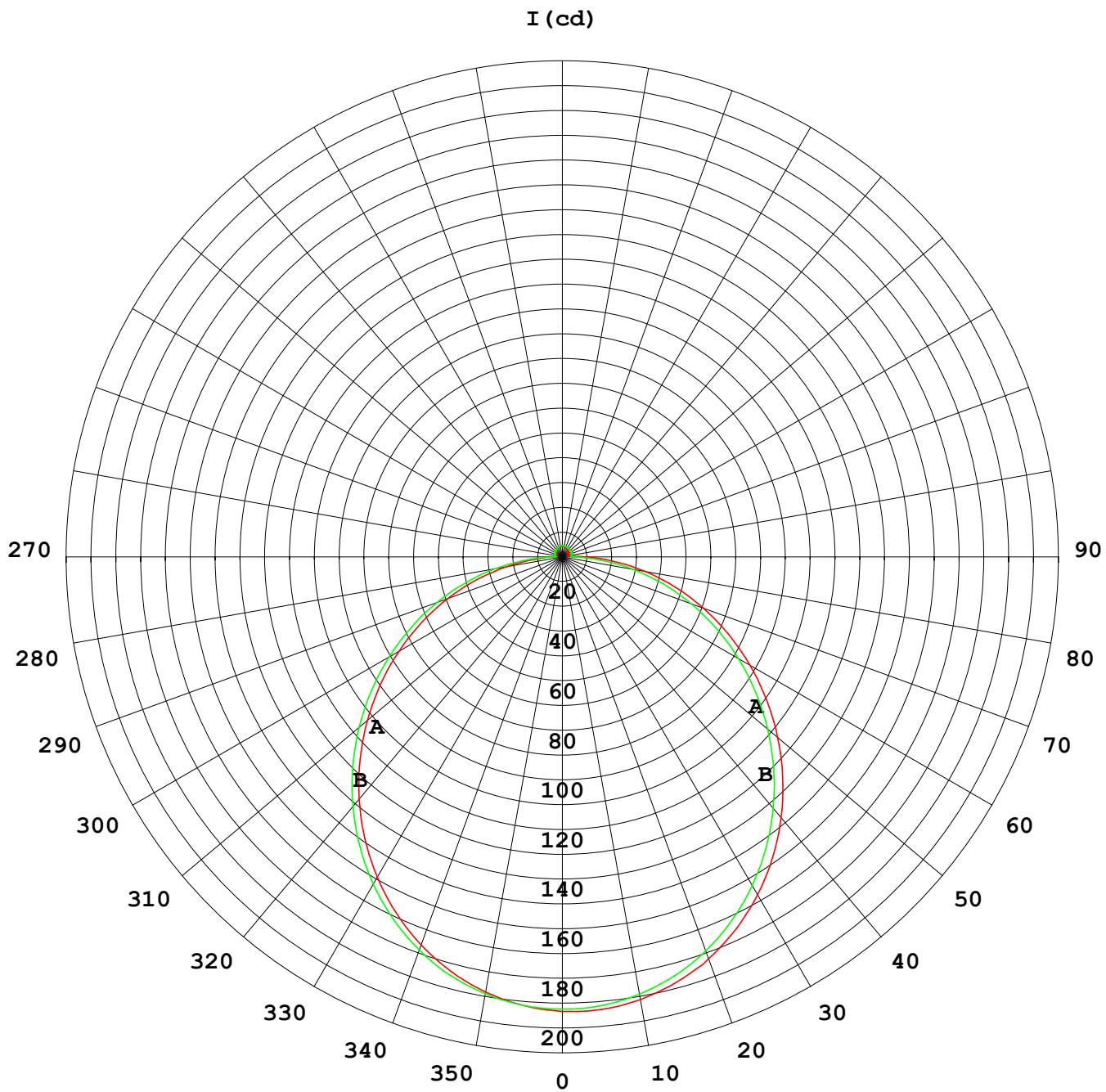
Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	183	183	183	183	183	183	183	183	183	183	183	183							
5	181	181	181	182	182	183	182	182	182	182	181	181							
10	178	178	178	179	180	181	181	181	180	179	178	178							
15	173	173	173	175	176	177	177	177	177	175	174	173							
20	166	166	167	169	171	172	172	172	171	169	168	166							
25	158	158	159	161	164	166	165	165	164	162	160	158							
30	149	149	150	153	155	157	157	157	156	153	151	149							
35	138	139	140	143	145	148	147	147	146	143	141	138							
40	127	127	128	132	135	137	137	137	136	132	130	127							
45	115	115	116	120	123	126	125	125	124	121	118	115							
50	102	103	104	107	111	114	113	113	112	108	105	102							
55	89.1	89.4	90.5	94.0	97.8	101	100	100	98.8	95.3	92.1	89.2							
60	75.8	76.0	77.2	80.7	84.6	87.5	87.0	87.0	85.7	82.0	78.8	75.8							
65	62.3	62.5	63.7	67.3	71.2	74.1	73.7	73.7	72.3	68.7	65.4	62.4							
70	48.9	49.1	50.2	53.8	57.7	60.6	60.3	60.3	58.9	55.3	52.0	49.0							
75	35.7	35.9	36.9	40.4	44.3	47.2	46.9	47.0	45.6	42.0	38.7	35.7							
80	22.6	22.7	23.8	27.2	31.0	33.9	33.7	33.8	32.4	28.9	25.5	22.6							
85	10.9	10.6	10.8	14.1	17.9	20.6	20.6	20.5	19.2	15.8	12.6	10.5							
90	3.71	3.28	2.61	2.89	5.94	8.87	9.46	9.00	6.94	3.79	3.94	3.68							
95	2.44	2.45	2.44	2.99	3.12	3.29	3.62	3.38	3.33	3.68	3.42	2.72							
100	2.56	2.58	2.64	3.13	3.18	2.86	2.54	2.83	3.40	3.81	3.50	2.82							
105	2.70	2.73	2.83	3.25	3.29	2.95	2.43	2.82	3.53	3.92	3.62	2.92							
110	2.84	2.87	2.98	3.36	3.40	3.09	2.48	2.93	3.63	3.99	3.73	3.04							
115	2.99	3.04	3.12	3.48	3.50	3.24	2.62	3.06	3.72	4.06	3.81	3.15							
120	3.15	3.20	3.26	3.57	3.58	3.39	2.78	3.19	3.81	4.11	3.88	3.28							
125	3.30	3.37	3.39	3.66	3.67	3.52	2.94	3.32	3.88	4.14	3.93	3.40							
130	3.46	3.43	3.51	3.75	3.77	3.66	3.10	3.45	3.94	4.18	4.00	3.53							
135	3.61	3.50	3.63	3.84	3.87	3.78	3.26	3.57	4.02	4.20	4.07	3.62							
140	3.74	3.65	3.76	3.92	3.98	3.89	3.42	3.70	4.09	4.23	4.12	3.74							
145	3.87	3.78	3.87	4.01	4.09	4.01	3.58	3.82	4.17	4.27	4.18	3.85							
150	4.01	3.92	3.98	4.24	4.20	4.14	3.75	3.94	4.24	4.33	4.24	3.95							
155	4.15	4.05	4.25	4.35	4.32	4.26	3.92	4.07	4.32	4.38	4.33	4.07							
160	4.27	4.18	4.37	4.46	4.41	4.38	4.08	4.18	4.39	4.44	4.40	4.18							
165	4.38	4.29	4.47	4.54	4.51	4.48	4.20	4.29	4.46	4.49	4.46	4.29							
170	4.35	4.53	4.55	4.62	4.58	4.56	4.26	4.39	4.50	4.53	4.51	4.43							
175	4.40	4.57	4.60	4.65	4.62	4.61	4.37	4.48	4.56	4.57	4.57	4.52							
180	4.43	4.57	4.61	4.64	4.64	4.62	4.43	4.56	4.61	4.64	4.64	4.60							

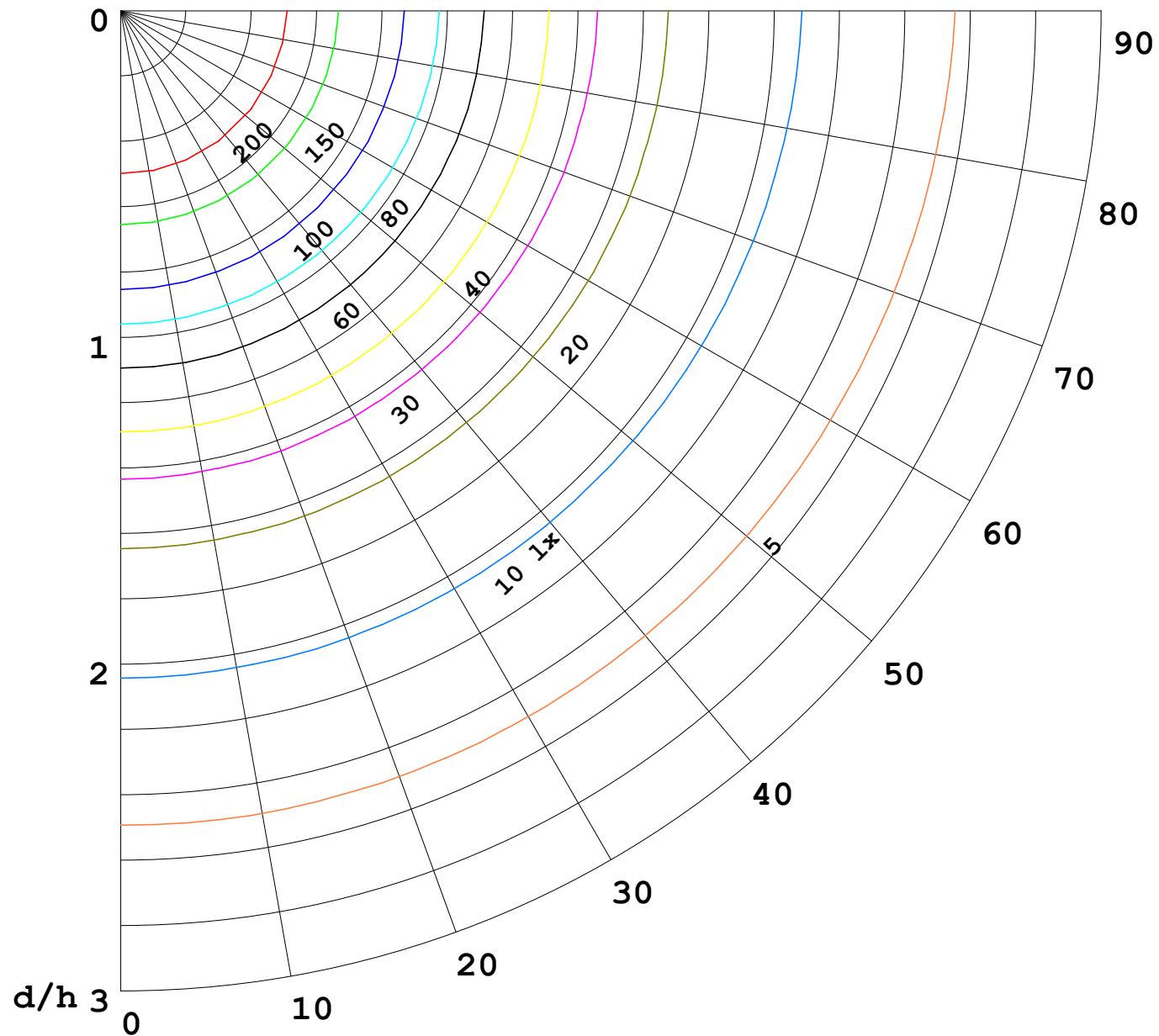
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-02-15

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:



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

