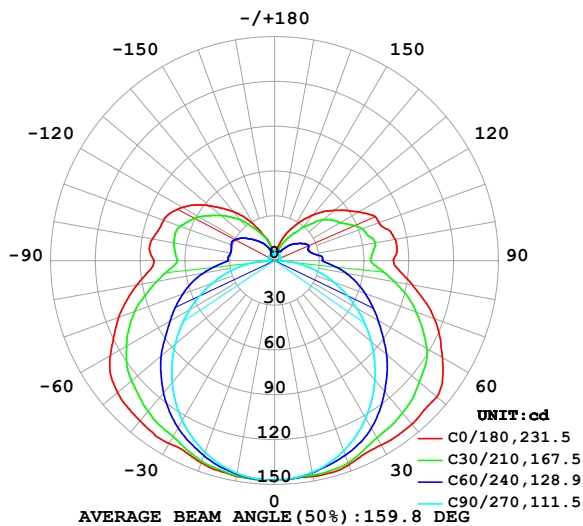


LUMINAIRE PHOTOMETRIC TEST REPORT

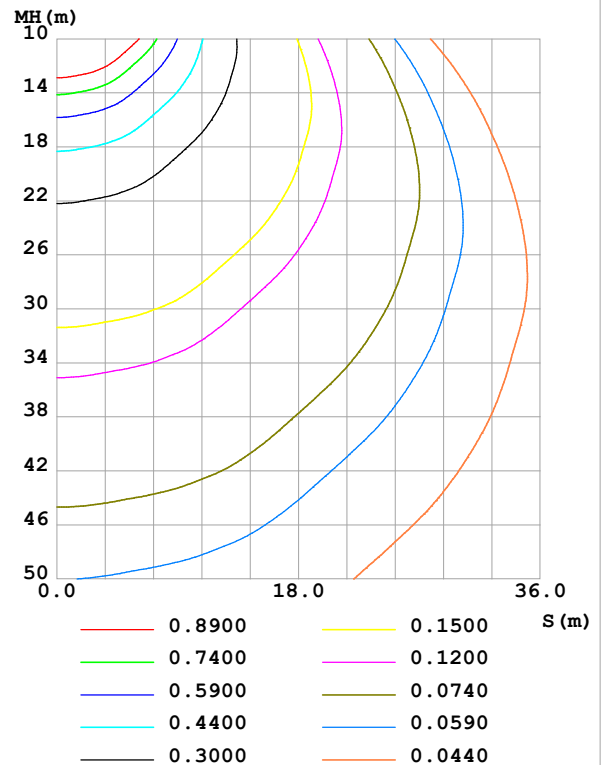
Test:U:24.00V I:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.30 lm/W			
MODEL	3528	Imax (cd)	147.2	S/MH(C0/180)	1.48
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	817.37	η UP,DN(C0-180)	13.0,36.9
NOMINAL FLUX(lm)	817.374	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.0,37.1
LAMPS INSIDE	1	η up (%)	26.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down (%)	74.0	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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	146.8	145.2	144.1	145.5	146.8	145.8	144.7	145.5	0- 10	13.96	13.96	1.71,1.71
20	145.5	141.4	135.6	140.2	144.1	141.0	136.6	142.0	10- 20	40.62	54.58	6.68,6.68
30	142.8	133.4	122.0	131.3	141.5	132.8	123.8	134.1	20- 30	63.24	117.8	14.4,14.4
40	143.1	124.0	104.5	121.8	140.3	123.9	106.8	124.7	30- 40	80.60	198.4	24.3,24.3
50	141.9	112.3	84.53	109.3	137.4	112.2	86.96	112.8	40- 50	91.24	289.7	35.4,35.4
60	129.8	98.95	63.34	94.71	127.1	97.74	65.84	98.99	50- 60	93.99	383.6	46.9,46.9
70	113.9	82.78	41.99	79.63	111.2	82.57	44.31	82.40	60- 70	88.23	471.9	57.7,57.7
80	93.69	65.07	21.41	61.71	93.52	64.30	23.13	64.16	70- 80	75.44	547.3	67,67
90	79.64	48.23	3.764	46.97	80.95	48.21	4.038	46.50	80- 90	57.56	604.9	74,74
100	82.08	47.59	3.824	49.27	83.19	49.33	4.003	45.89	90-100	50.71	655.6	80.2,80.2
110	74.52	43.26	4.013	49.28	79.21	49.05	4.356	40.67	100-110	47.87	703.5	86.1,86.1
120	65.31	37.00	4.180	42.58	71.43	43.95	4.559	36.10	110-120	41.54	745.0	91.1,91.1
130	52.55	30.32	4.256	33.58	57.30	35.08	4.736	26.19	120-130	31.37	776.4	95,95
140	39.93	20.30	4.484	25.12	42.75	26.37	4.637	18.91	130-140	20.86	797.2	97.5,97.5
150	26.90	12.19	4.495	16.76	27.93	17.69	4.576	11.87	140-150	11.88	809.1	99,99
160	15.52	7.218	4.666	10.28	15.81	10.64	4.568	7.712	150-160	5.662	814.8	99.7,99.7
170	6.227	5.678	4.834	5.783	5.610	5.732	4.738	5.782	160-170	2.098	816.9	99.9,99.9
180	4.897	5.022	4.924	5.125	4.876	5.001	4.909	5.141	170-180	0.5074	817.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 243.17 lm

%lum = 29.7%

%lamp = 29.7%

Conical surface Flux(130deg): 428.94 lm

%lum = 52.5%

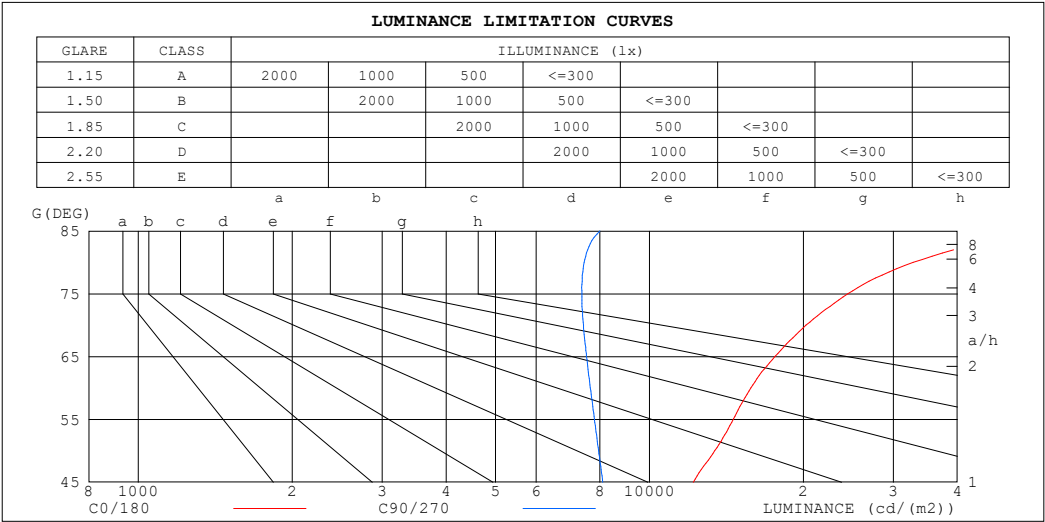
%lamp = 52.5%

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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



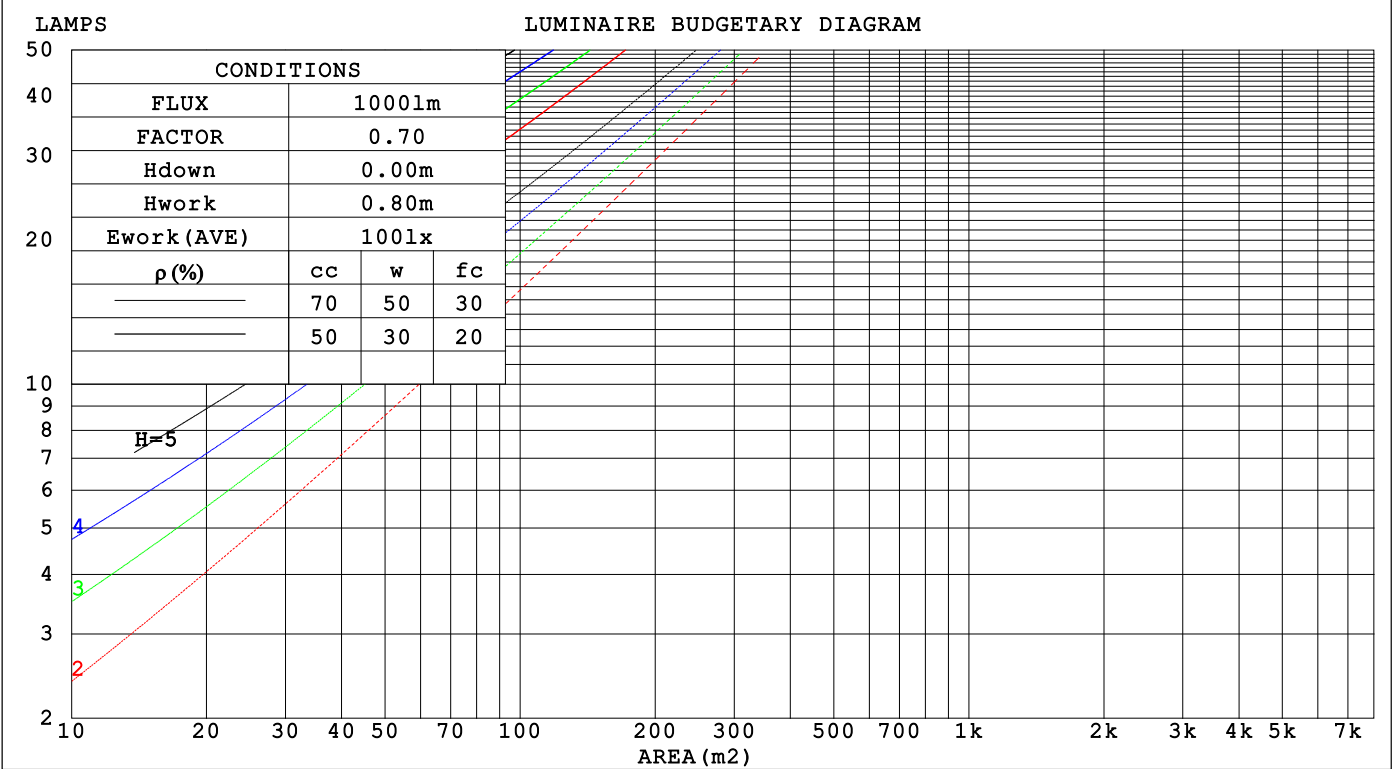
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	58973	7999
80	32825	7455
75	24433	7373
70	20252	7424
65	17601	7531
60	15792	7660
55	14583	7803
50	13426	7952
45	12190	8101

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 0.5DEG
Test Speed: MEDIUM	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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	.94	.89	.84	.89	.84	.80	.80	.76	.73	.72	.69	.66	.64	.62	.59	.55
2.0	.80	.72	.66	.76	.69	.63	.68	.62	.58	.61	.56	.52	.54	.51	.47	.44
3.0	.69	.60	.53	.66	.58	.51	.59	.52	.47	.53	.47	.43	.47	.43	.39	.36
4.0	.61	.51	.44	.58	.49	.42	.52	.45	.39	.46	.41	.36	.41	.37	.33	.29
5.0	.54	.44	.37	.51	.42	.36	.46	.39	.33	.41	.35	.31	.37	.32	.28	.25
6.0	.48	.39	.32	.46	.37	.31	.41	.34	.29	.37	.31	.26	.33	.28	.24	.21
7.0	.43	.34	.28	.41	.33	.27	.37	.30	.25	.34	.28	.23	.30	.25	.21	.19
8.0	.39	.31	.25	.37	.29	.24	.34	.27	.22	.31	.25	.20	.28	.23	.19	.17
9.0	.36	.27	.22	.34	.26	.21	.31	.24	.20	.28	.22	.18	.25	.20	.17	.15
10.0	.33	.25	.20	.31	.24	.19	.29	.22	.18	.26	.20	.16	.24	.19	.15	.13

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:2025-02-15γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-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	.381	.217	.069	.366	.209	.066	.338	.194	.062	.312	.180	.058	.288	.167	.054															
2.0	.330	.181	.056	.317	.174	.054	.291	.162	.050	.267	.150	.047	.245	.139	.044															
3.0	.294	.156	.047	.281	.151	.045	.258	.140	.042	.236	.129	.040	.216	.120	.037															
4.0	.264	.137	.040	.253	.132	.039	.232	.123	.037	.212	.114	.034	.194	.105	.032															
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.192	.102	.030	.176	.094	.028															
6.0	.220	.110	.032	.211	.106	.031	.193	.099	.029	.176	.092	.027	.161	.085	.025															
7.0	.203	.100	.028	.194	.097	.028	.178	.090	.026	.163	.083	.024	.148	.077	.023															
8.0	.188	.092	.026	.180	.089	.025	.165	.083	.024	.151	.077	.022	.138	.071	.021															
9.0	.175	.085	.024	.168	.082	.023	.154	.076	.022	.141	.071	.020	.129	.065	.019															
10.0	.164	.079	.022	.157	.076	.021	.144	.071	.020	.132	.066	.019	.121	.061	.017															

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	.389	.389	.389	.332	.332	.332	.227	.227	.227	.130	.130	.130	.042	.042	.042	
1.0	.385	.355	.328	.329	.305	.283	.225	.210	.195	.130	.121	.114	.042	.039	.037	
2.0	.378	.333	.294	.324	.286	.254	.222	.198	.177	.128	.115	.104	.041	.037	.034	
3.0	.371	.317	.273	.318	.273	.237	.218	.190	.166	.126	.111	.098	.041	.036	.032	
4.0	.364	.304	.259	.312	.263	.225	.215	.183	.158	.124	.107	.094	.040	.035	.031	
5.0	.356	.295	.249	.306	.255	.217	.211	.178	.153	.122	.105	.091	.039	.034	.030	
6.0	.349	.287	.243	.300	.248	.211	.207	.174	.149	.120	.102	.089	.039	.033	.029	
7.0	.342	.280	.237	.294	.243	.207	.203	.170	.147	.118	.100	.087	.038	.033	.029	
8.0	.335	.275	.234	.289	.239	.204	.200	.167	.145	.116	.099	.086	.038	.032	.029	
9.0	.329	.270	.231	.283	.235	.201	.196	.165	.143	.114	.097	.085	.037	.032	.028	
10.0	.323	.266	.228	.279	.231	.199	.193	.163	.142	.113	.096	.084	.037	.032	.028	

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm											
NAME: SF18-24V-3528-144-4000K-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	21.8	23.1	22.4	23.7	24.4	18.7	20.0	19.3	20.6	21.3
	3H	24.5	25.7	25.2	26.3	27.1	20.4	21.6	21.0	22.2	23.0
	4H	26.0	27.1	26.6	27.8	28.6	21.1	22.3	21.8	22.9	23.7
	6H	27.6	28.6	28.2	29.3	30.1	21.8	22.8	22.4	23.5	24.3
	8H	28.4	29.4	29.1	30.1	30.9	22.0	23.0	22.7	23.7	24.5
	12H	29.4	30.4	30.1	31.1	31.9	22.2	23.2	22.9	23.9	24.7
4H	2H	22.3	23.4	22.9	24.0	24.8	20.1	21.2	20.7	21.9	22.6
	3H	25.3	26.2	26.0	27.0	27.8	22.0	22.9	22.6	23.6	24.5
	4H	26.9	27.8	27.7	28.6	29.4	22.9	23.8	23.6	24.5	25.3
	6H	28.7	29.5	29.5	30.3	31.1	23.7	24.5	24.4	25.2	26.1
	8H	29.7	30.4	30.5	31.2	32.1	24.0	24.8	24.8	25.5	26.4
	12H	30.8	31.5	31.6	32.3	33.2	24.3	25.0	25.1	25.8	26.7
8H	4H	27.2	28.0	28.0	28.7	29.6	24.1	24.8	24.8	25.6	26.5
	6H	29.3	29.9	30.1	30.7	31.7	25.2	25.8	26.0	26.6	27.6
	8H	30.5	31.1	31.3	31.9	32.8	25.8	26.3	26.6	27.1	28.1
	12H	31.9	32.4	32.7	33.2	34.2	26.2	26.7	27.0	27.5	28.5
12H	4H	27.2	27.9	28.0	28.7	29.6	24.4	25.1	25.2	25.9	26.8
	6H	29.4	30.0	30.2	30.8	31.7	25.8	26.4	26.6	27.2	28.1
	8H	30.7	31.2	31.5	32.0	33.0	26.5	27.0	27.3	27.8	28.8
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 / - 0.2					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 817.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)
Area: 0.0165 m2

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

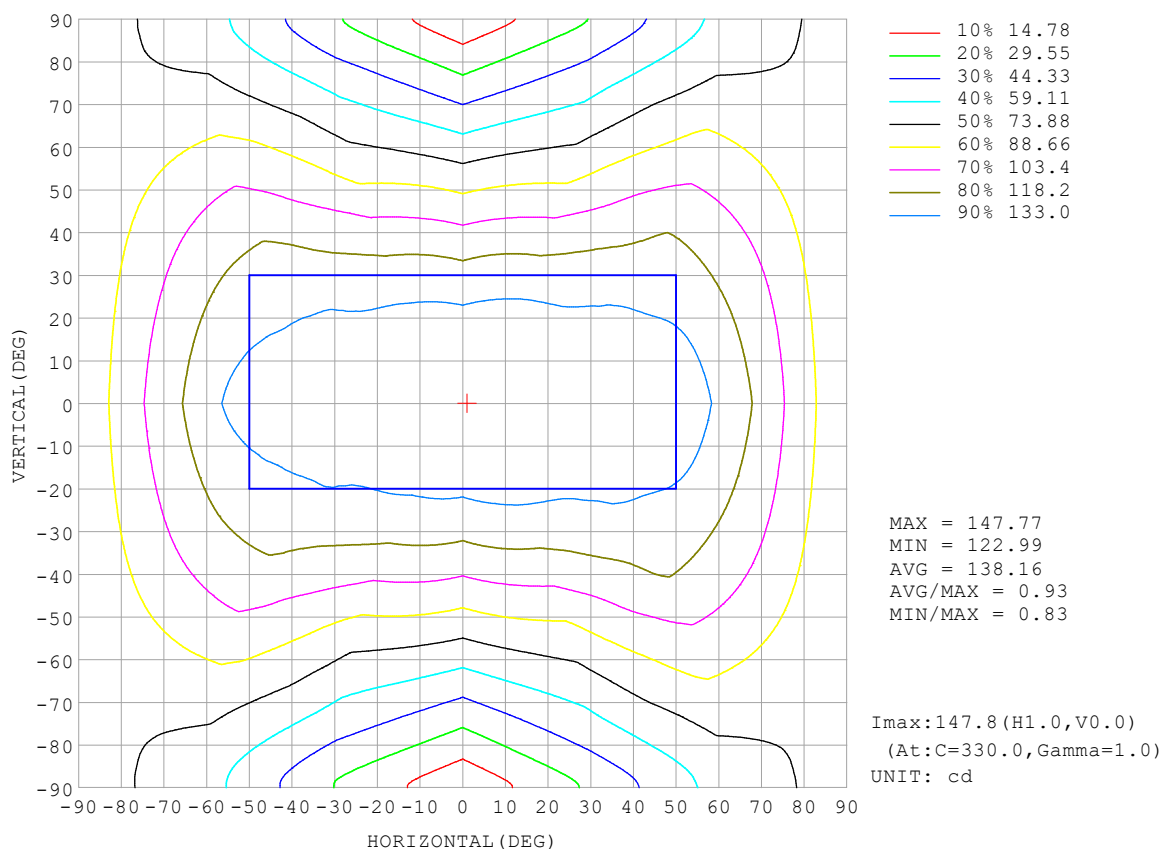
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	32	25	44	32	25	41	31	24	17
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	49	40	59	47	39	55	47	38	28
1.25	69	56	47	66	54	46	61	51	44	33
1.50	74	61	53	71	59	51	65	55	48	37
2.00	81	70	61	78	67	60	71	62	56	43
2.50	86	75	67	82	72	65	75	67	61	46
3.00	90	80	73	85	77	70	78	71	65	50
4.00	95	86	80	90	83	77	81	76	71	54
5.00	98	91	85	93	87	81	84	79	75	57
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: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 2025-02-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

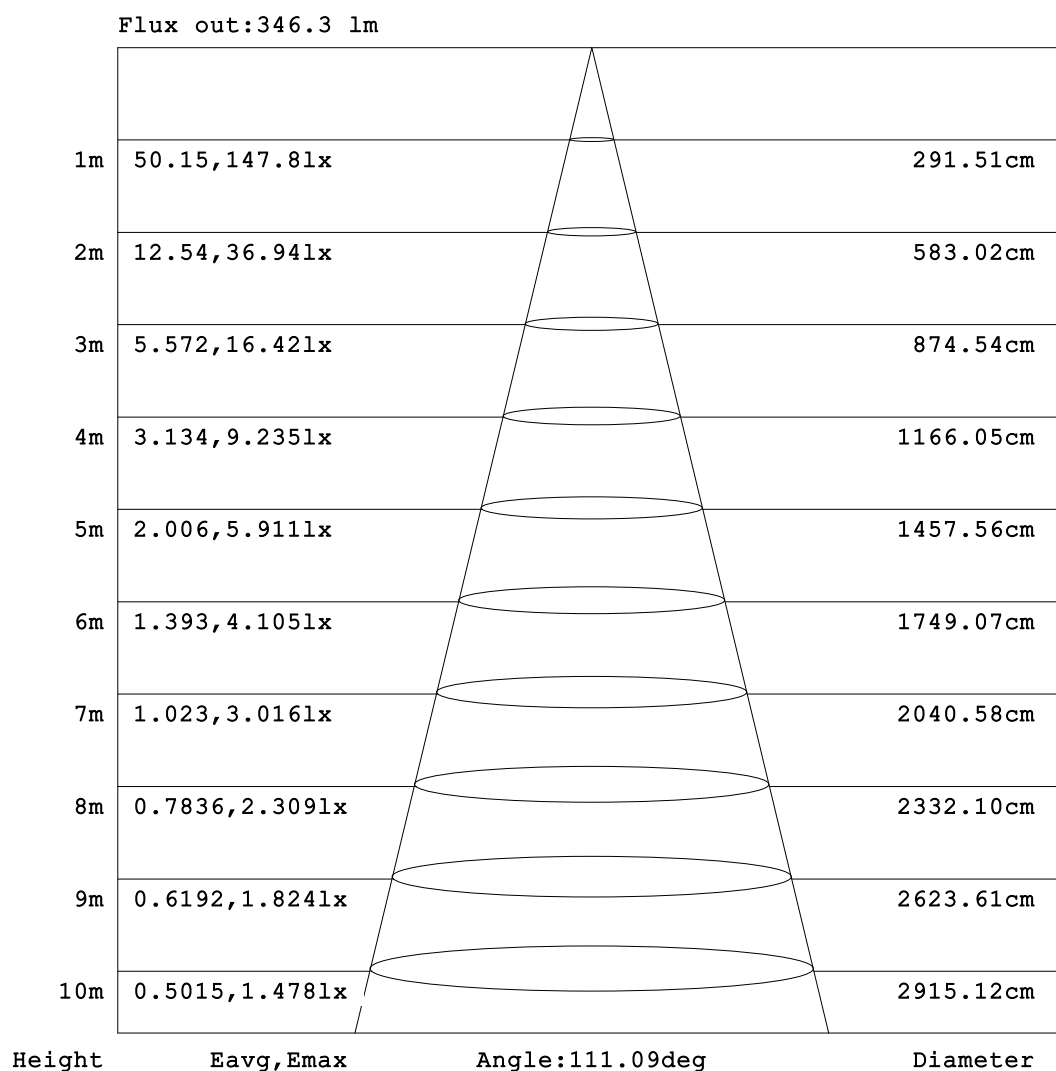


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:2025-02-15

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



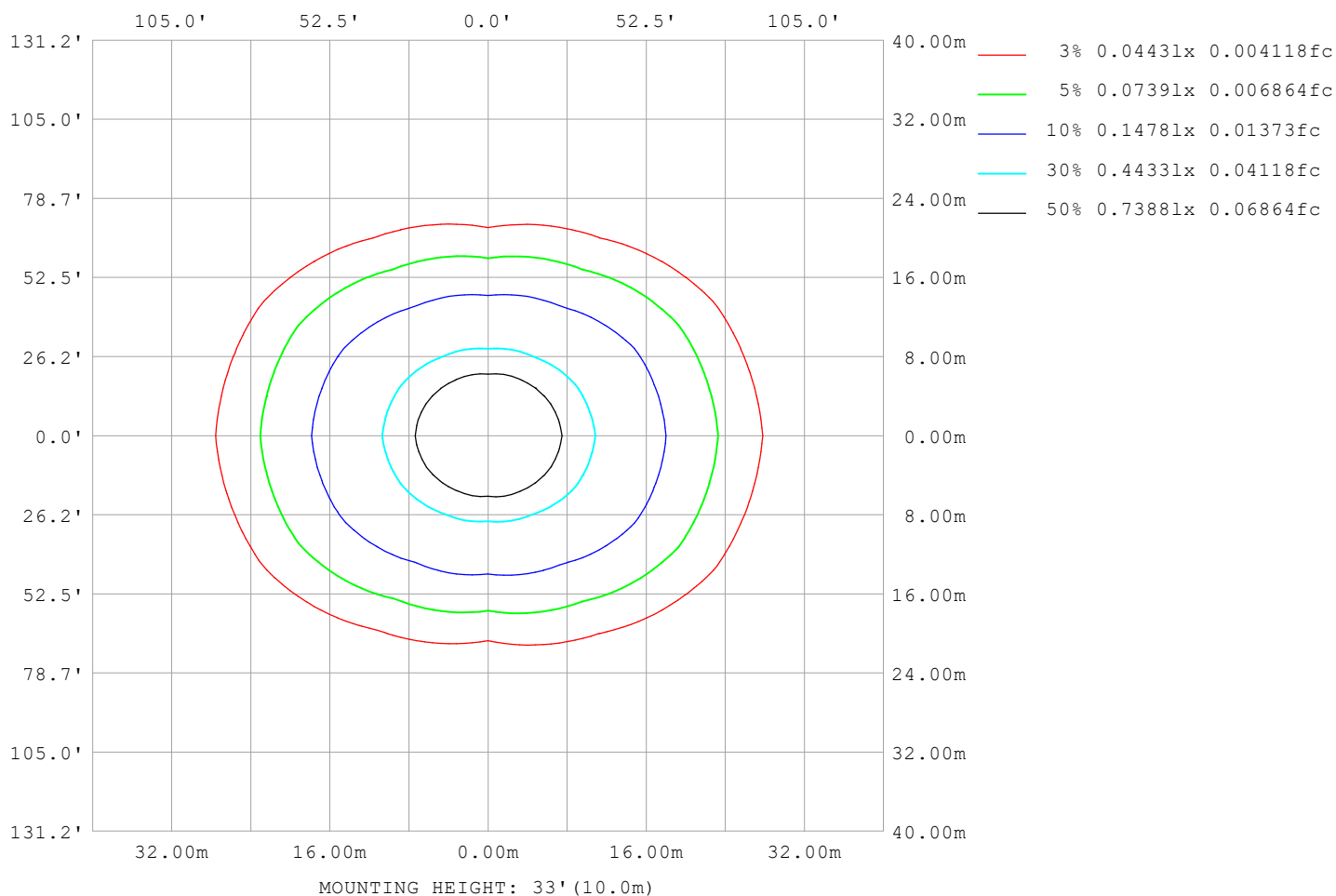
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-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: MEDIUM
Temperature:25.3℃
Operators:
Test Date:2025-02-15

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

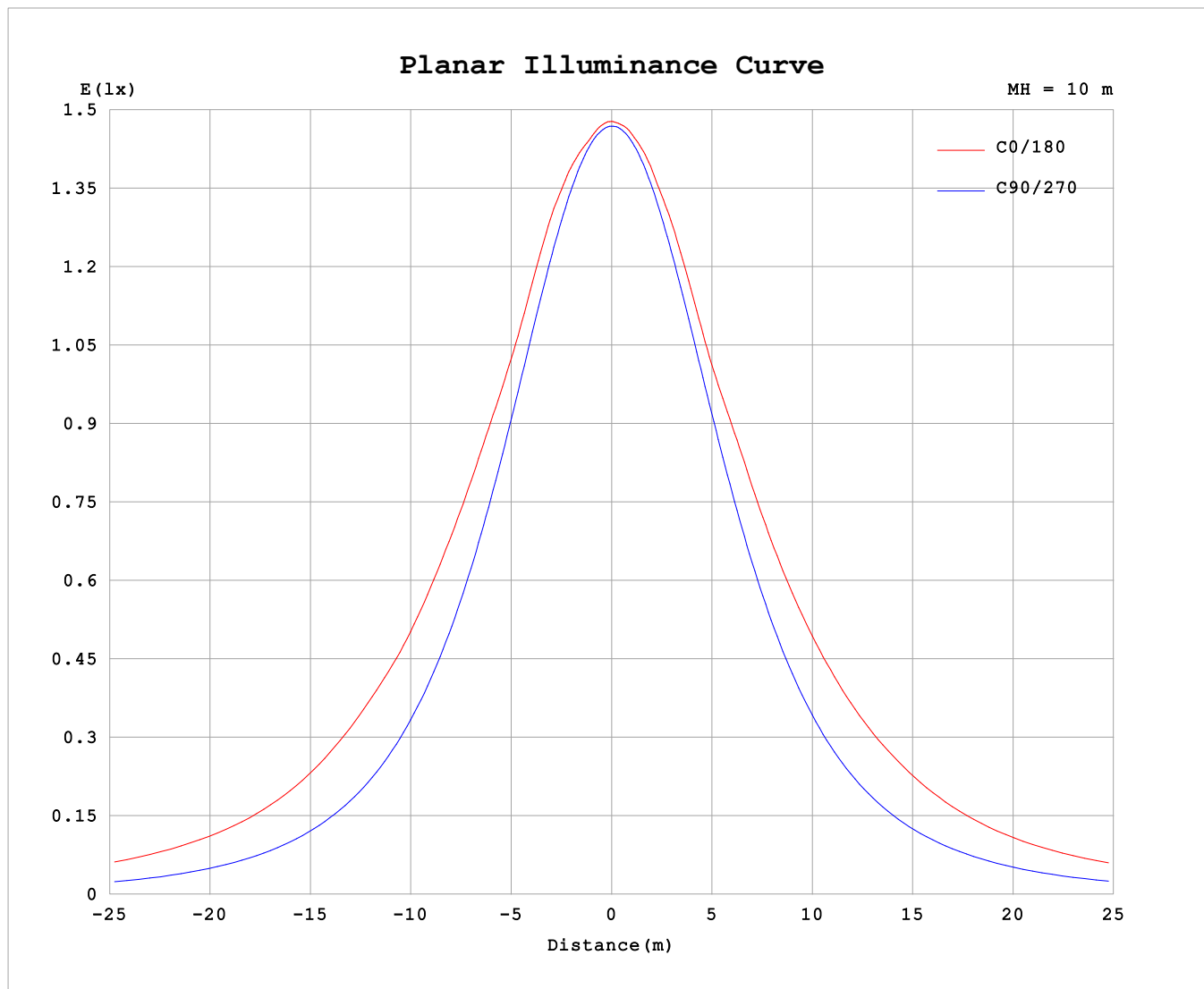
AvgL	cd/m2
L_0~180 (65) av	17283
L_0~180 (75) av	24162
L_0~180 (85) av	58878
L_90~270 (65) av	7726
L_90~270 (75) av	7627
L_90~270 (85) av	8502
L_45 (65) av	12946
L_45 (75) av	17305
L_45 (85) av	38292

Standard: GB/T 29293-2012

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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: MEDIUM
Temperature: 25.3 °C
Operators:
Test Date: 2025-02-15

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:0.4295A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:817.374x1 lm		
NAME: SF18-24V-3528-144-4000K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

Table--1

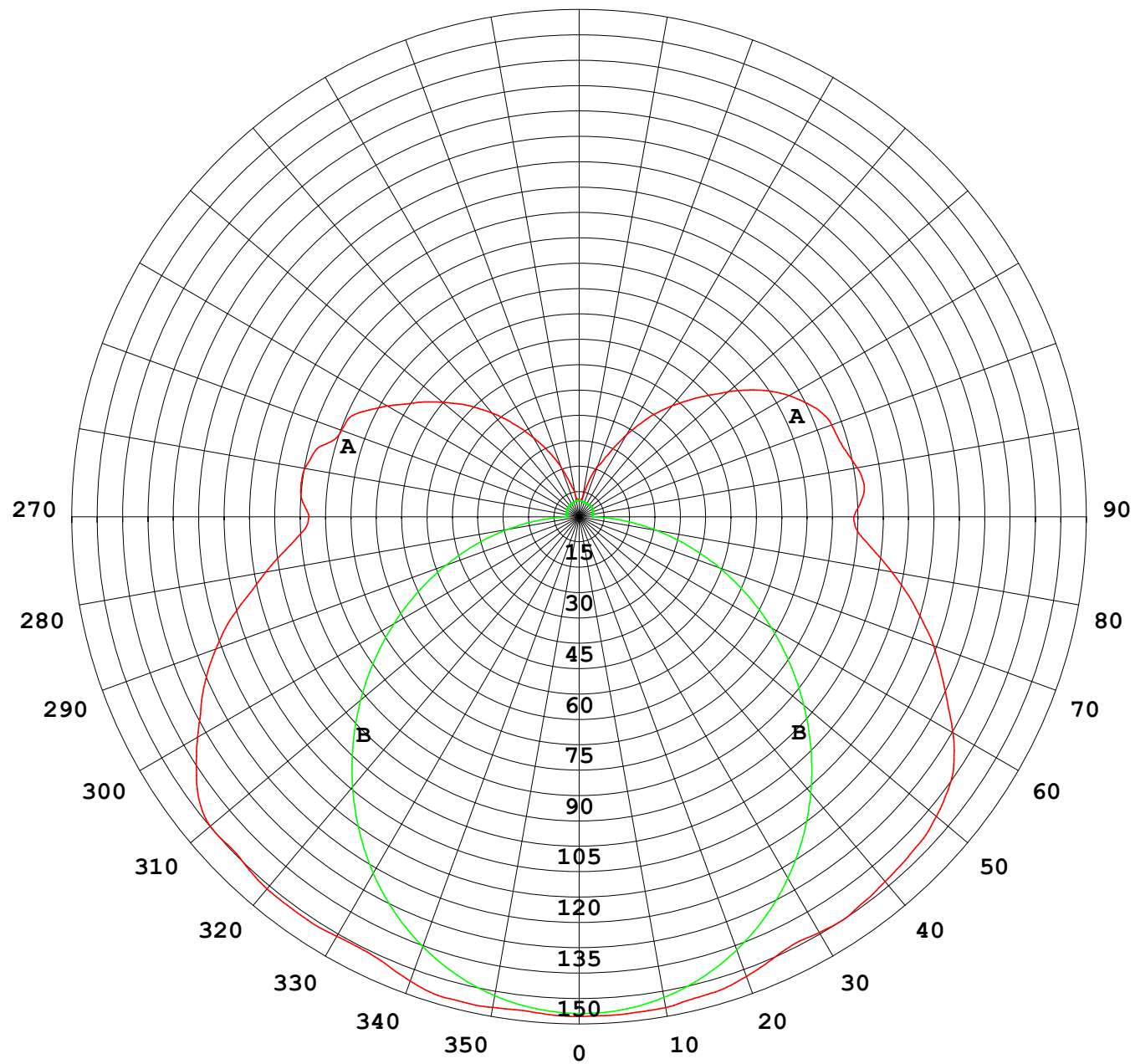
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	147	147	147	147	147	147	147	147	147	147	147	147							
5	147	147	146	146	146	147	147	147	147	147	147	147							
10	147	146	144	144	145	146	147	146	145	145	145	146							
15	147	146	142	141	142	144	146	145	143	141	142	146							
20	146	144	139	136	138	143	144	143	139	137	139	145							
25	143	140	135	129	133	139	141	140	134	131	136	141							
30	143	137	130	122	127	135	141	136	129	124	131	137							
35	143	136	123	114	121	133	141	135	123	116	124	136							
40	143	133	115	105	113	130	140	132	116	107	116	133							
45	142	131	107	94.7	105	127	139	128	108	97.2	108	131							
50	142	127	98.0	84.5	95.8	123	137	125	99.3	87.0	99.2	126							
55	137	123	88.6	74.0	86.0	118	134	121	89.4	76.4	89.7	122							
60	130	118	80.1	63.3	77.1	112	127	115	80.9	65.8	80.7	117							
65	122	110	72.3	52.6	69.2	106	119	108	73.2	55.1	72.6	109							
70	114	101	64.6	42.0	61.5	97.7	111	99.7	65.4	44.3	64.3	100							
75	104	92.2	56.9	31.6	53.8	87.9	102	89.7	57.5	33.6	56.1	91.6							
80	93.7	81.4	48.7	21.4	45.1	78.3	93.5	80.0	48.5	23.1	47.6	80.7							
85	84.5	71.4	39.5	11.5	35.7	69.5	84.9	71.0	38.7	12.9	38.4	70.4							
90	79.6	64.3	32.1	3.76	29.4	64.5	80.9	65.1	31.3	4.04	30.2	62.8							
95	82.3	66.2	31.9	3.80	29.3	67.2	84.2	67.0	31.1	3.87	29.9	64.2							
100	82.1	68.4	26.7	3.82	28.6	69.9	83.2	68.6	30.1	4.00	25.4	66.4							
105	79.4	65.0	24.3	3.91	28.5	71.3	80.4	69.0	30.0	4.16	22.5	63.1							
110	74.5	62.5	23.9	4.01	29.2	69.3	79.2	67.2	30.8	4.36	23.2	58.1							
115	72.2	56.8	25.0	4.11	29.4	64.1	76.4	63.2	31.2	4.48	23.5	54.6							
120	65.3	51.0	23.0	4.18	27.4	57.8	71.4	58.7	29.2	4.56	21.9	50.2							
125	58.7	47.4	20.2	4.20	24.7	51.2	65.1	52.7	26.5	4.68	19.1	45.2							
130	52.5	42.9	17.7	4.26	21.5	45.6	57.3	47.1	23.0	4.74	16.7	35.6							
135	46.4	34.9	15.0	4.38	18.6	40.0	49.7	41.3	19.9	4.71	13.8	32.1							
140	39.9	29.0	11.6	4.48	15.9	34.3	42.7	35.6	17.1	4.64	11.0	26.8							
145	33.3	22.3	8.80	4.49	13.6	27.7	35.6	29.0	14.6	4.56	9.22	20.9							
150	26.9	17.2	7.18	4.50	11.0	22.5	27.9	23.3	12.0	4.58	7.78	16.0							
155	21.1	12.4	6.54	4.57	8.58	18.2	20.3	18.7	9.19	4.57	6.76	12.2							
160	15.5	8.24	6.20	4.67	6.68	13.9	15.8	14.2	7.08	4.57	6.38	9.05							
165	10.2	6.55	5.77	4.74	5.52	9.08	10.4	9.10	5.61	4.65	5.64	6.95							
170	6.23	5.90	5.46	4.83	5.26	6.30	5.61	6.18	5.28	4.74	5.43	6.13							
175	5.14	5.49	5.40	4.90	5.02	5.42	4.91	5.27	5.00	4.83	5.41	5.68							
180	4.90	5.05	5.00	4.92	5.02	5.23	4.88	5.02	4.98	4.91	5.03	5.25							

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

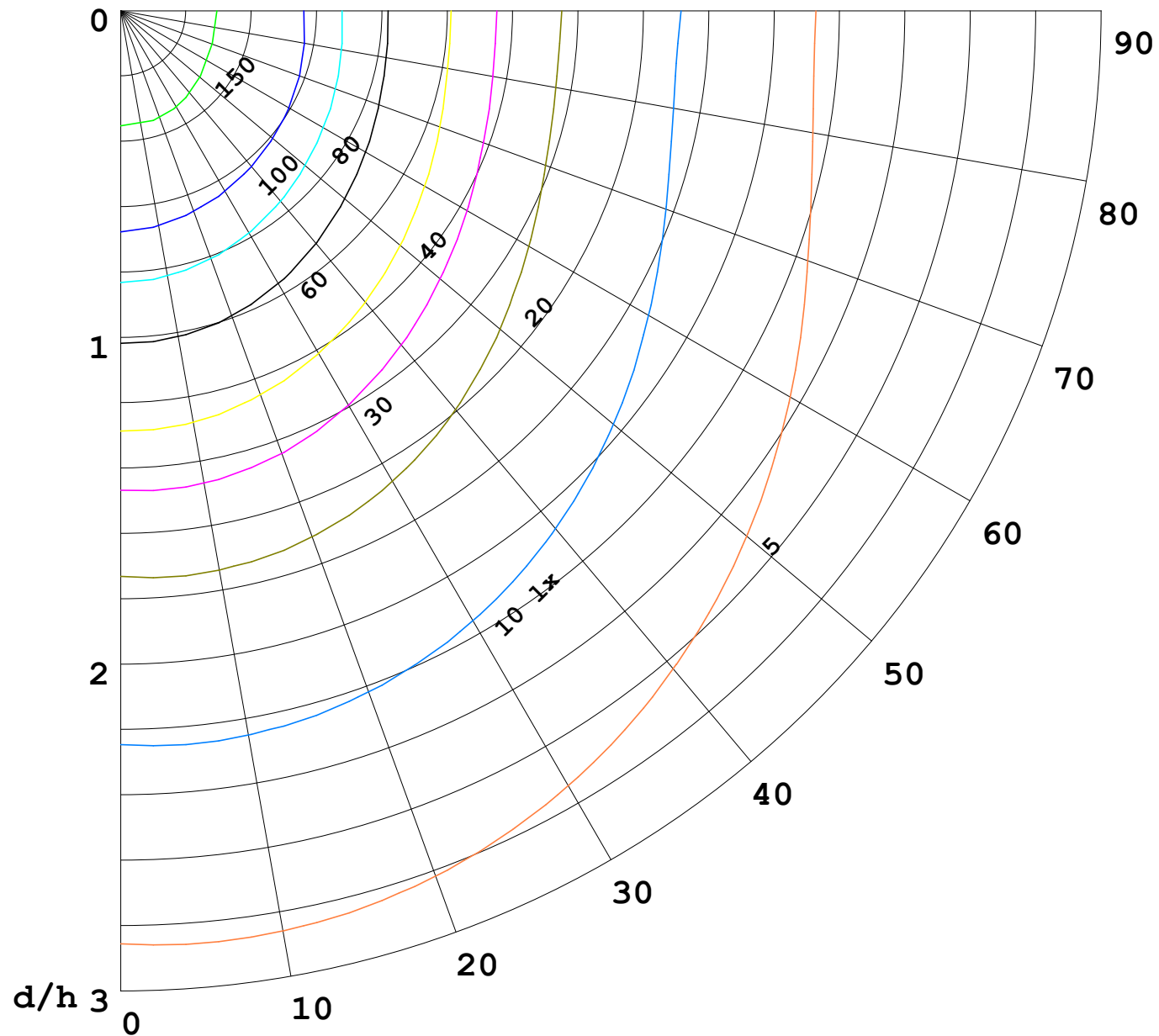
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks:

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

