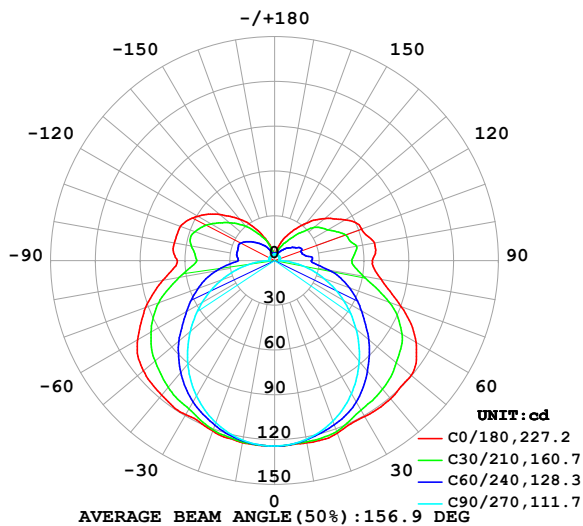


LUMINAIRE PHOTOMETRIC TEST REPORT

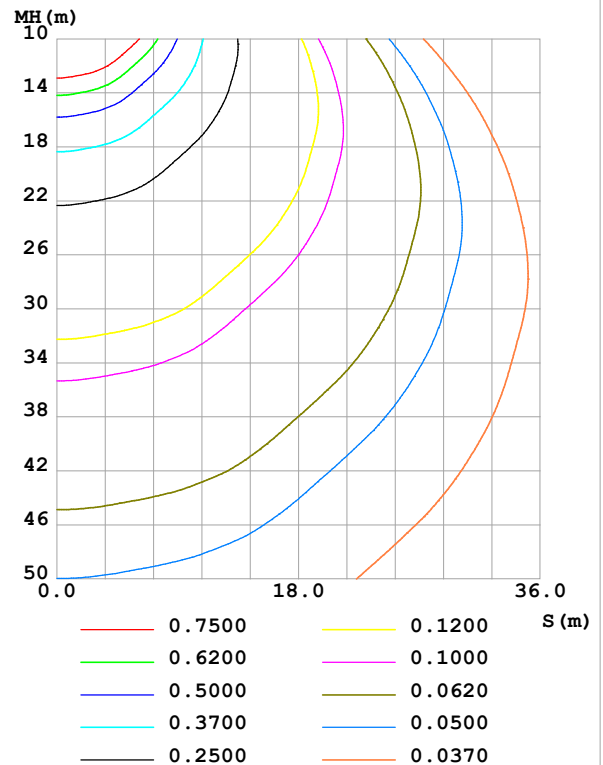
Test:U:24.00V I:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 67.55 lm/W
MODEL	3528	I _{max} (cd)	124.3	S/MH(C0/180)	1.47	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	683.06	η UP,DN(C0-180)	12.8,36.6	
NOMINAL FLUX(lm)	683.056	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.2,37.4	
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: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	124.0	122.6	121.7	122.7	123.8	123.1	122.2	123.0	0- 10	11.79	11.79	1.73,1.73
20	122.9	119.4	114.4	118.2	121.5	119.0	115.5	120.2	10- 20	34.30	46.09	6.75,6.75
30	120.6	112.6	103.0	110.7	119.3	112.1	104.8	113.7	20- 30	53.41	99.50	14.6,14.6
40	120.9	104.6	88.21	102.6	117.7	104.4	90.49	106.0	30- 40	68.08	167.6	24.5,24.5
50	119.5	94.53	71.21	91.91	114.8	94.20	73.79	96.00	40- 50	76.98	244.6	35.8,35.8
60	109.5	82.89	53.35	79.55	105.9	81.82	55.99	84.32	50- 60	79.14	323.7	47.4,47.4
70	90.27	67.62	35.30	66.46	92.05	68.75	37.76	70.53	60- 70	73.91	397.6	58.2,58.2
80	72.54	48.62	17.88	50.85	75.96	52.32	19.90	54.17	70- 80	61.76	459.4	67.3,67.3
90	65.44	38.25	2.962	38.14	65.32	38.37	3.858	39.33	80- 90	46.25	505.6	74,74
100	67.89	38.37	3.159	40.19	68.29	41.28	3.772	39.08	90-100	41.51	547.1	80.1,80.1
110	62.12	34.92	3.440	39.97	67.18	41.45	4.009	35.16	100-110	39.73	586.9	85.9,85.9
120	54.85	29.43	3.697	35.65	59.56	36.95	4.125	31.05	110-120	34.70	621.6	91,91
130	43.99	24.24	3.865	28.69	48.05	29.61	4.203	24.94	120-130	26.39	648.0	94.9,94.9
140	32.55	16.47	4.093	21.62	36.36	22.46	4.085	16.74	130-140	17.72	665.7	97.5,97.5
150	21.85	10.42	4.180	14.65	24.06	15.24	4.018	10.33	140-150	10.14	675.8	98.9,98.9
160	13.47	6.836	4.287	8.949	13.41	9.268	4.183	6.580	150-160	4.915	680.7	99.7,99.7
170	5.466	5.233	4.449	5.130	5.284	5.215	4.351	5.005	160-170	1.871	682.6	99.9,99.9
180	4.494	4.607	4.501	4.517	4.468	4.595	4.487	4.528	170-180	0.4597	683.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 205.35 lm

%lum = 30.1%

%lamp = 30.1%

Conical surface Flux(130deg): 361.75 lm

%lum = 53.0%

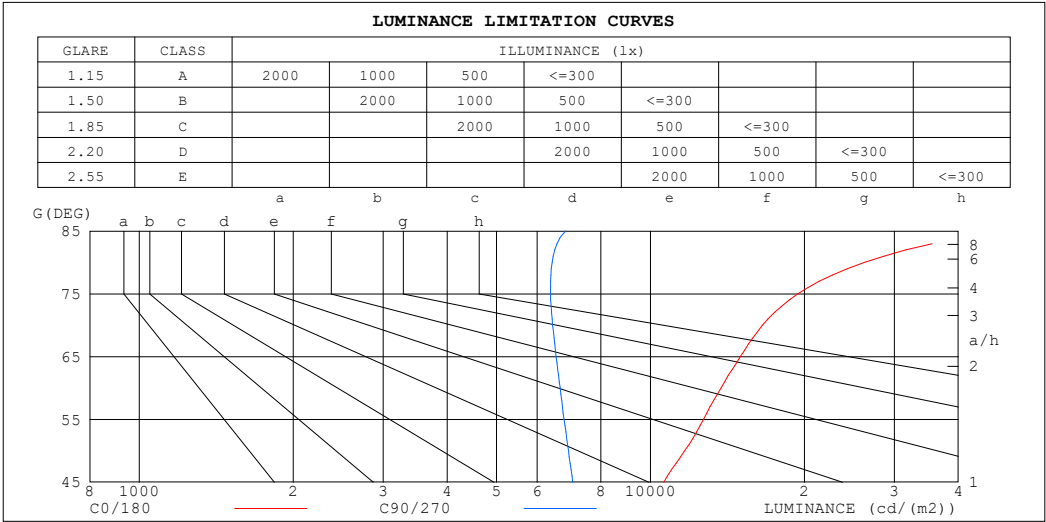
%lamp = 53.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2025-02-19

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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-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	48413	6823
80	26224	6422
75	19433	6376
70	16569	6436
65	14999	6537
60	13749	6654
55	12693	6774
50	11672	6908
45	10625	7048

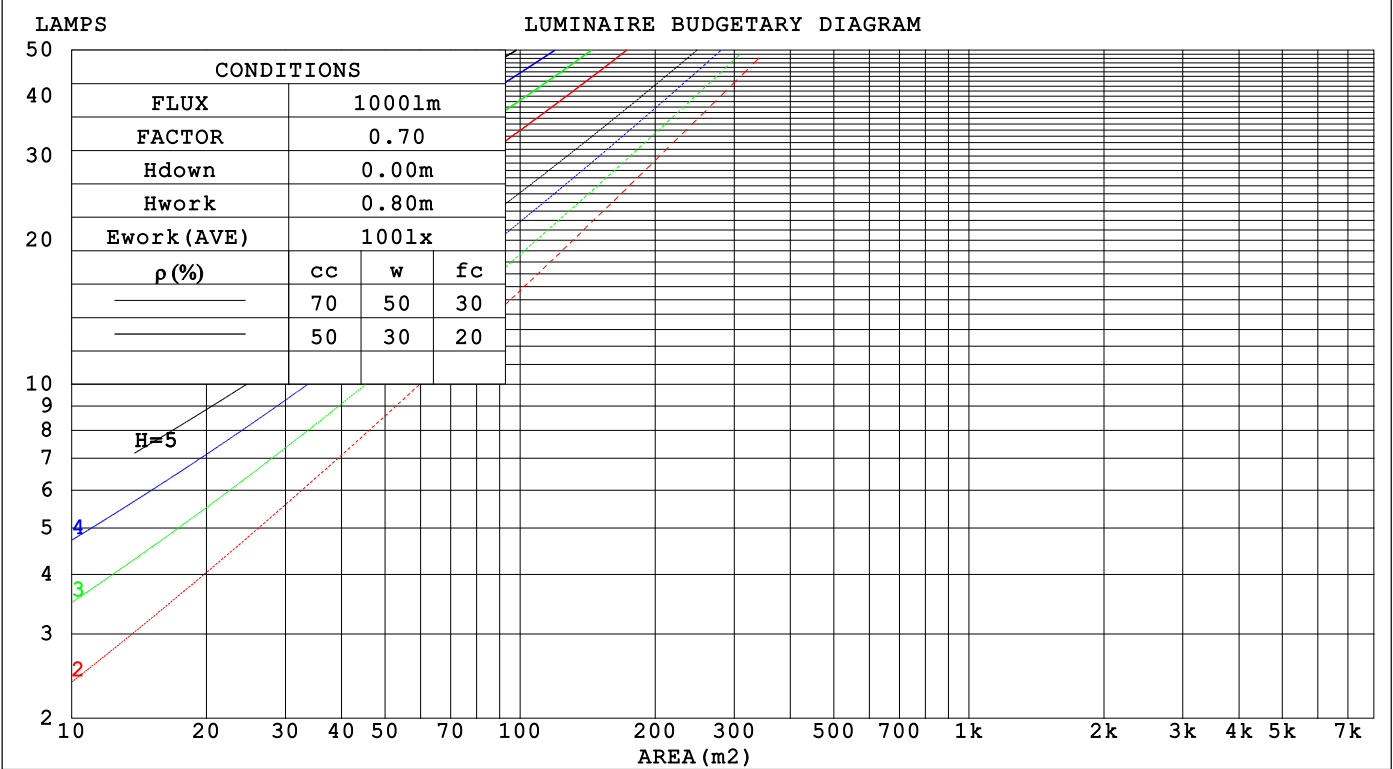
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz																	
Lamp Flux:683.056x1 lm																	
NAME: SF18-24V-3528-144-6500K-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	.85	.80	.80	.76	.73	.72	.69	.66	.64	.62	.60	.56
2.0	.80	.73	.66	.76	.69	.63	.68	.63	.58	.61	.57	.53	.54	.51	.48	.44
3.0	.70	.61	.54	.66	.58	.51	.59	.53	.47	.53	.48	.43	.47	.43	.39	.36
4.0	.61	.52	.44	.58	.49	.43	.52	.45	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.45	.38	.51	.43	.36	.46	.39	.33	.41	.35	.31	.37	.32	.28	.25
6.0	.48	.39	.32	.46	.37	.31	.41	.34	.29	.37	.31	.27	.33	.28	.24	.22
7.0	.43	.34	.28	.41	.33	.27	.37	.30	.25	.34	.28	.23	.30	.25	.21	.19
8.0	.39	.31	.25	.38	.30	.24	.34	.27	.22	.31	.25	.21	.28	.23	.19	.17
9.0	.36	.28	.22	.34	.27	.21	.31	.25	.20	.28	.23	.18	.26	.21	.17	.15
10.0	.33	.25	.20	.32	.24	.19	.29	.22	.18	.26	.21	.17	.24	.19	.15	.13



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-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	.378	.215	.068	.362	.207	.066	.334	.192	.061	.308	.178	.057	.284	.165	.053															
2.0	.328	.180	.055	.315	.173	.053	.289	.161	.050	.265	.149	.047	.243	.138	.043															
3.0	.292	.156	.047	.280	.150	.045	.257	.139	.042	.235	.129	.039	.215	.119	.037															
4.0	.263	.137	.040	.252	.132	.039	.231	.122	.037	.211	.113	.034	.193	.105	.032															
5.0	.240	.122	.035	.229	.118	.034	.210	.109	.032	.192	.101	.030	.175	.093	.028															
6.0	.220	.110	.032	.210	.106	.031	.192	.099	.029	.176	.091	.027	.160	.084	.025															
7.0	.203	.100	.028	.194	.097	.028	.178	.090	.026	.162	.083	.024	.148	.077	.023															
8.0	.188	.092	.026	.180	.089	.025	.165	.082	.024	.151	.076	.022	.137	.071	.021															
9.0	.175	.085	.024	.168	.082	.023	.154	.076	.022	.141	.071	.020	.128	.065	.019															
10.0	.164	.079	.022	.157	.076	.021	.144	.071	.020	.132	.066	.019	.120	.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	.388	.388	.388	.332	.332	.332	.227	.227	.227	.130	.130	.130	.042	.042	.042	
1.0	.385	.355	.329	.329	.305	.283	.225	.210	.196	.130	.121	.114	.041	.039	.037	
2.0	.378	.333	.294	.324	.286	.255	.222	.198	.178	.128	.115	.104	.041	.037	.034	
3.0	.371	.316	.273	.318	.273	.237	.218	.190	.166	.126	.111	.098	.040	.036	.032	
4.0	.363	.304	.259	.312	.263	.225	.214	.183	.158	.124	.107	.094	.040	.035	.031	
5.0	.356	.295	.249	.306	.255	.217	.210	.178	.153	.122	.105	.091	.039	.034	.030	
6.0	.348	.287	.242	.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	.288	.238	.204	.200	.167	.144	.116	.099	.086	.038	.032	.028	
9.0	.329	.270	.231	.283	.234	.201	.196	.165	.143	.114	.097	.085	.037	.032	.028	
10.0	.323	.266	.228	.278	.231	.199	.193	.163	.141	.113	.096	.084	.037	.032	.028	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm										
NAME: SF18-24V-3528-144-6500K-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	20.9	22.2	21.5	22.8	23.5	17.9	19.1	18.5	19.7	20.5
3H	23.5	24.7	24.1	25.3	26.1	19.5	20.7	20.1	21.3	22.1
4H	24.8	25.9	25.5	26.6	27.4	20.2	21.4	20.9	22.0	22.8
6H	26.3	27.3	26.9	28.0	28.8	20.8	21.9	21.5	22.6	23.4
8H	27.1	28.1	27.8	28.8	29.6	21.1	22.1	21.8	22.8	23.6
12H	28.1	29.1	28.8	29.8	30.6	21.2	22.2	21.9	22.9	23.7
4H 2H	21.4	22.5	22.0	23.2	23.9	19.2	20.3	19.9	21.0	21.8
3H	24.2	25.2	24.9	25.9	26.7	21.0	22.0	21.7	22.7	23.5
4H	25.7	26.6	26.5	27.3	28.2	21.9	22.8	22.7	23.5	24.4
6H	27.4	28.2	28.1	28.9	29.8	22.7	23.5	23.4	24.2	25.1
8H	28.3	29.1	29.1	29.8	30.7	23.0	23.7	23.8	24.5	25.4
12H	29.5	30.2	30.2	30.9	31.8	23.2	23.9	24.0	24.7	25.6
8H 4H	26.0	26.7	26.7	27.5	28.4	23.0	23.7	23.7	24.5	25.4
6H	27.9	28.6	28.7	29.3	30.3	24.0	24.7	24.8	25.5	26.4
8H	29.1	29.7	29.9	30.5	31.4	24.5	25.1	25.3	25.9	26.8
12H	30.5	31.0	31.3	31.8	32.8	24.9	25.4	25.7	26.2	27.2
12H 4H	26.0	26.7	26.8	27.5	28.4	23.3	24.0	24.0	24.7	25.7
6H	28.0	28.6	28.8	29.4	30.3	24.5	25.1	25.3	25.9	26.9
8H	29.3	29.8	30.1	30.6	31.6	25.1	25.6	26.0	26.5	27.4
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, 683.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

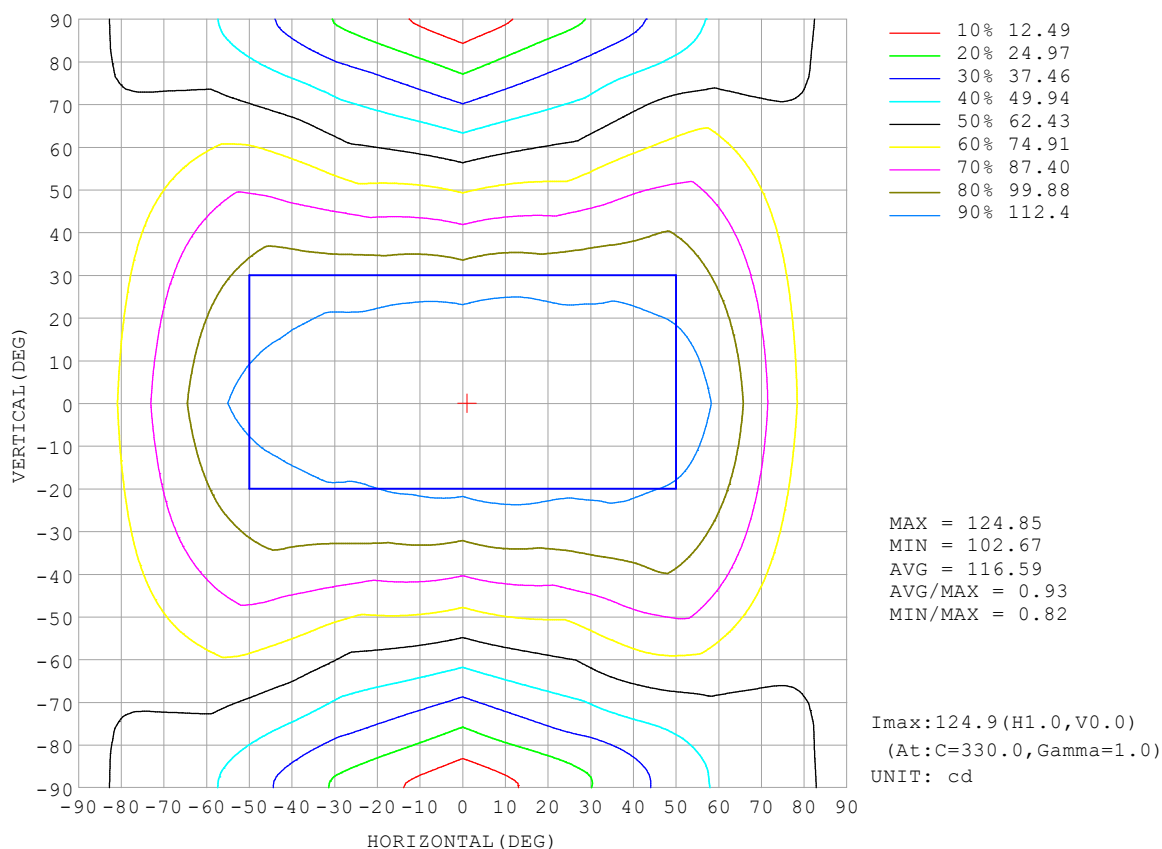
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	25	44	32	25	41	31	24	18
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	49	40	60	47	39	55	47	38	29
1.25	69	56	47	66	54	46	61	51	44	33
1.50	74	62	53	71	60	52	65	56	49	37
2.00	81	70	62	78	68	60	71	63	56	43
2.50	86	76	68	82	73	65	75	67	61	47
3.00	90	80	73	86	77	70	78	71	65	50
4.00	95	87	80	90	83	77	82	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: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

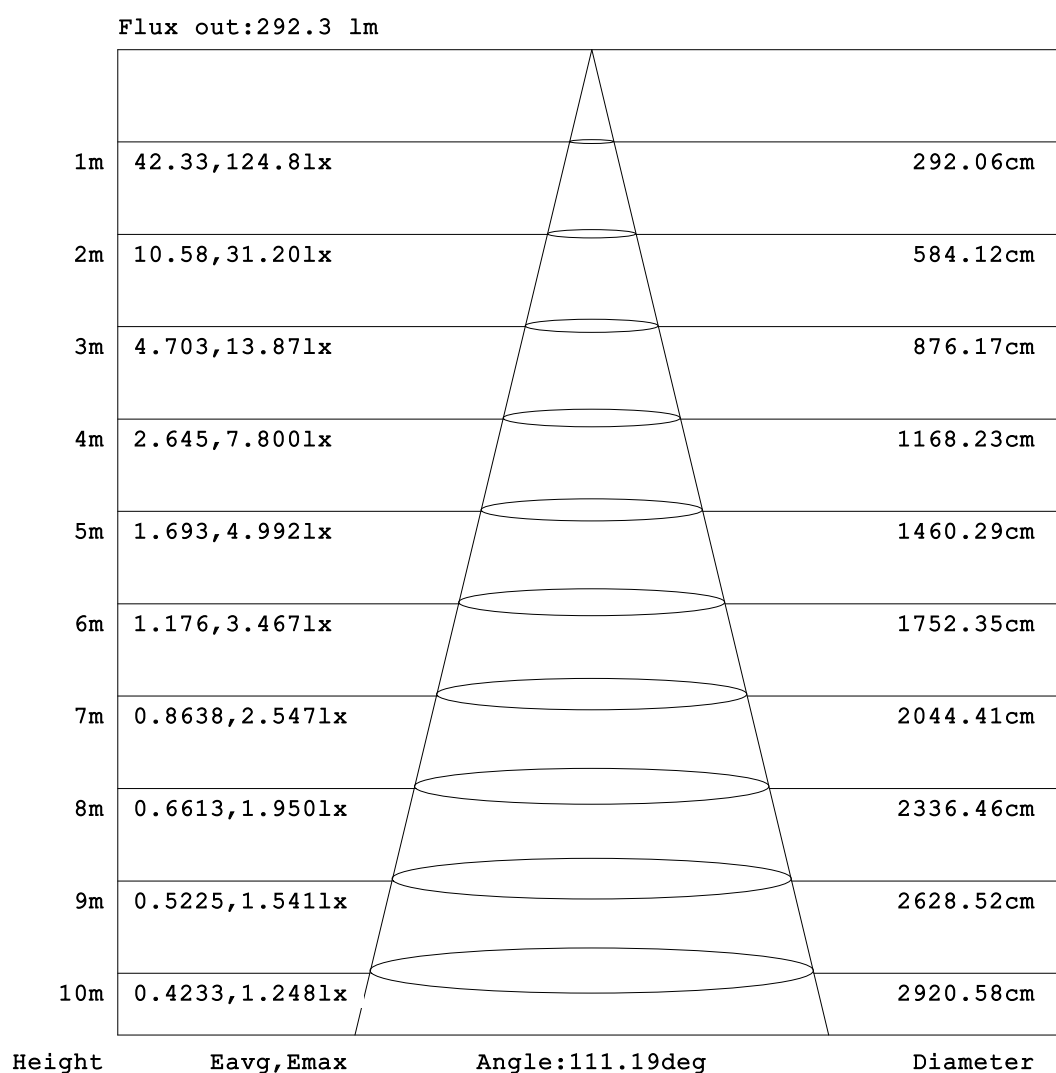


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



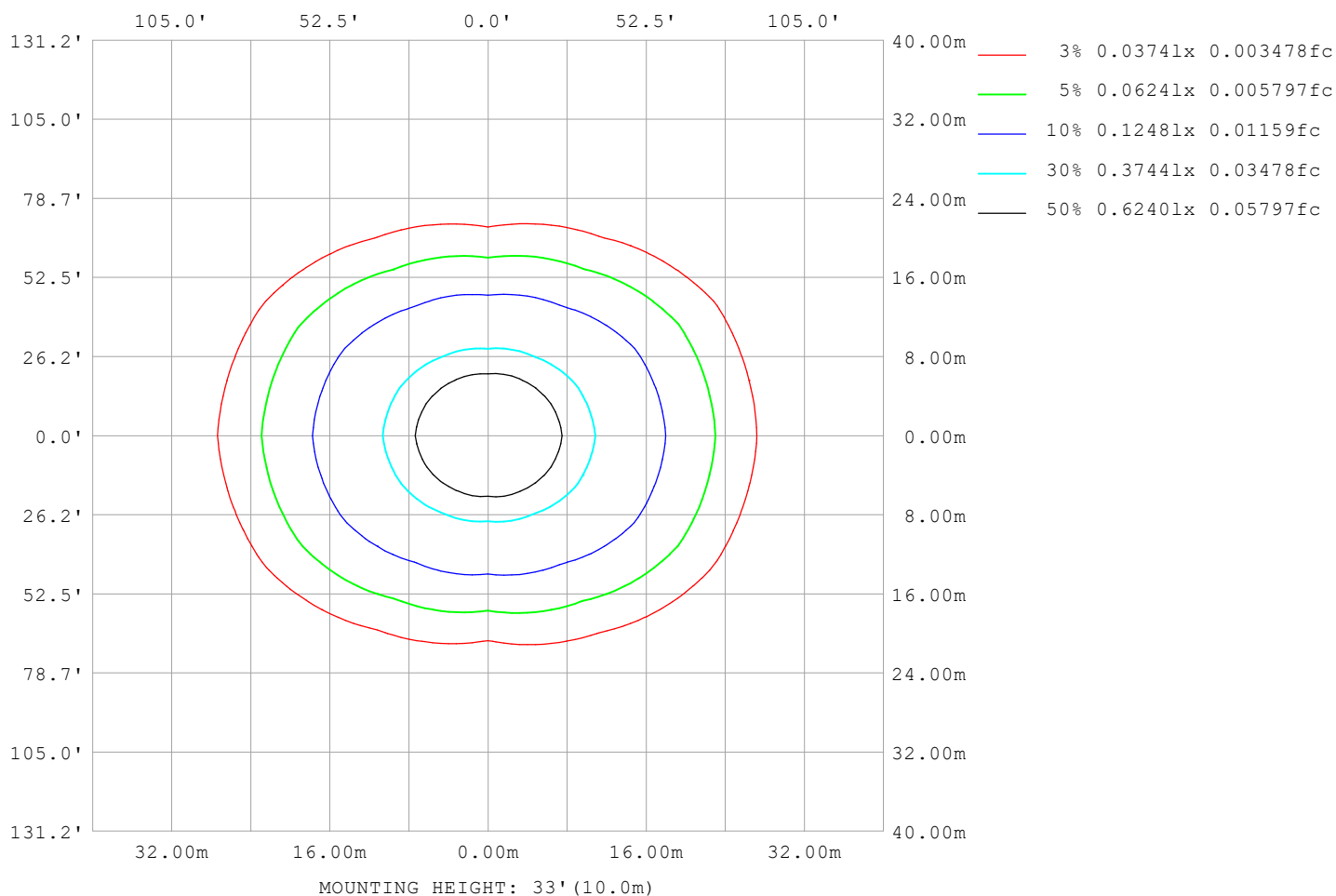
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-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:2025-02-19

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:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm		
NAME: SF18-24V-3528-144-6500K-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

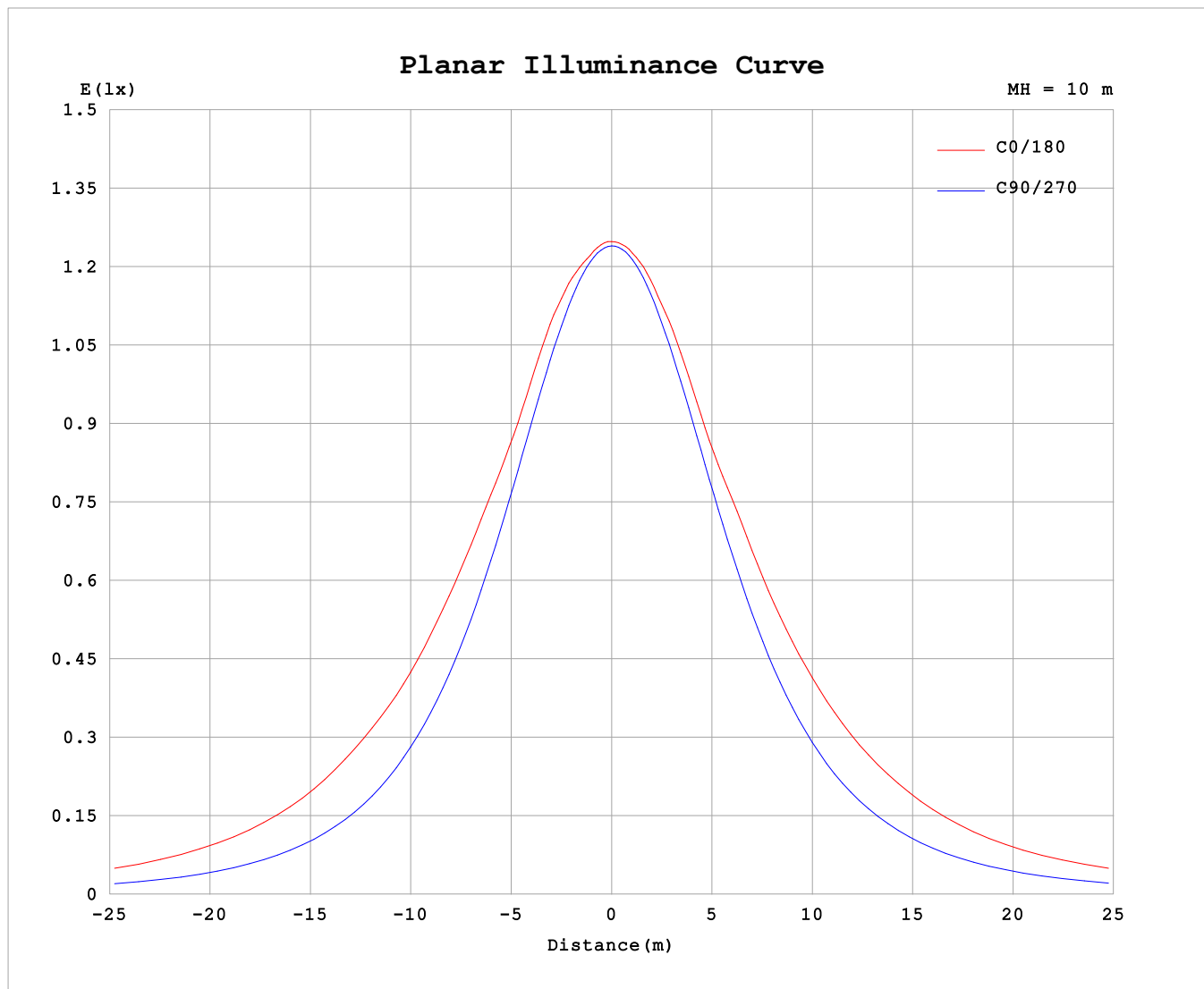
AvgL	cd/m2
L_0~180 (65) av	14769
L_0~180 (75) av	19803
L_0~180 (85) av	48651
L_90~270 (65) av	6745
L_90~270 (75) av	6663
L_90~270 (85) av	7472
L_45 (65) av	11229
L_45 (75) av	14713
L_45 (85) av	31417

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

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: 2025-02-19

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4213A P:10.11W PF:1.000 Freq:0Hz Lamp Flux:683.056x1 lm																	
NAME: SF18-24V-3528-144-6500K-80									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.: OLYMPIA lighting									SUR.:						Shielding Angle:		

Table--1

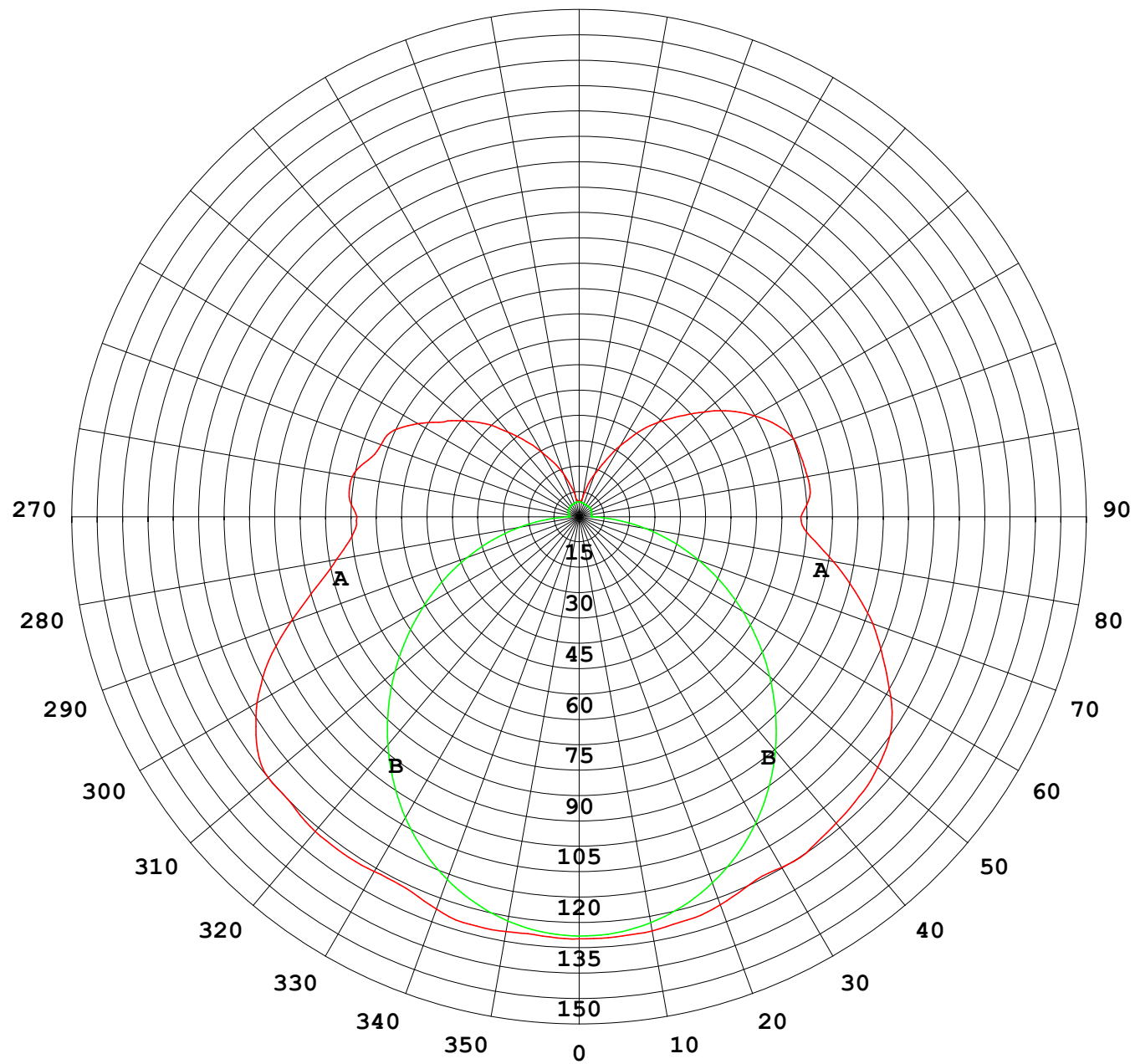
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	124	124	124	124	124	124	124	124	124	124	124	124						
5	124	124	124	124	124	124	124	124	124	124	124	124						
10	124	123	122	122	122	123	124	123	123	122	123	124						
15	124	123	120	119	120	122	123	122	120	119	120	123						
20	123	122	117	114	116	120	122	121	117	115	118	122						
25	121	119	114	109	112	117	119	118	114	111	115	119						
30	121	116	109	103	108	114	119	115	109	105	111	116						
35	121	114	104	96.0	102	112	119	113	104	98.0	105	115						
40	121	112	96.8	88.2	95.6	110	118	111	97.9	90.5	98.7	113						
45	120	110	89.8	79.9	88.4	106	117	108	91.0	82.4	91.8	111						
50	120	107	82.4	71.2	80.9	103	115	105	83.8	73.8	84.5	107						
55	116	103	74.4	62.3	72.6	99.1	112	101	75.4	64.9	76.5	104						
60	110	98.6	67.2	53.4	65.1	93.9	106	95.6	68.1	56.0	69.0	99.6						
65	101	91.3	60.5	44.3	58.4	88.0	98.8	89.7	61.4	46.9	62.3	92.9						
70	90.3	81.8	53.4	35.3	51.7	81.2	92.0	82.8	54.7	37.8	55.4	85.7						
75	80.1	70.3	45.9	26.5	45.0	72.7	83.9	73.5	47.9	28.7	48.6	78.1						
80	72.5	60.5	36.7	17.9	37.3	64.4	76.0	64.9	39.8	19.9	41.4	66.9						
85	67.2	54.2	27.8	9.54	29.0	56.8	68.5	57.0	31.0	11.3	33.5	57.0						
90	65.4	51.7	24.8	2.96	23.7	52.5	65.3	52.3	24.5	3.86	25.9	52.7						
95	68.0	53.8	25.4	3.05	24.0	54.2	68.2	53.8	25.1	3.71	25.6	54.1						
100	67.9	55.9	20.8	3.16	23.9	56.5	68.3	56.6	25.9	3.77	22.3	55.8						
105	64.4	52.1	19.1	3.29	24.0	57.5	67.7	58.5	25.8	3.88	19.5	53.0						
110	62.1	50.7	19.1	3.44	24.4	55.5	67.2	56.9	26.0	4.01	20.5	49.8						
115	60.2	46.1	19.7	3.58	24.8	52.2	64.1	53.6	26.3	4.08	20.7	46.5						
120	54.9	41.3	17.5	3.70	23.3	47.9	59.6	49.3	24.6	4.13	19.3	42.8						
125	48.8	38.4	15.5	3.76	21.2	43.1	54.3	44.3	22.4	4.18	16.7	38.8						
130	44.0	34.9	13.5	3.87	18.4	38.9	48.1	39.7	19.5	4.20	14.6	35.2						
135	38.7	27.8	12.0	3.99	15.9	34.4	41.9	34.9	17.0	4.18	12.2	29.7						
140	32.5	22.8	10.1	4.09	13.7	29.6	36.4	30.2	14.7	4.08	10.2	23.3						
145	27.1	17.6	8.37	4.15	11.8	24.0	30.5	24.7	12.5	4.05	8.22	18.1						
150	21.9	13.8	7.06	4.18	9.70	19.6	24.1	20.1	10.4	4.02	6.76	13.9						
155	17.5	10.8	6.17	4.22	7.64	15.9	17.9	16.2	8.09	4.11	5.80	10.4						
160	13.5	7.94	5.73	4.29	5.99	11.9	13.4	12.2	6.30	4.18	5.49	7.67						
165	9.29	6.24	5.31	4.37	5.01	7.88	9.07	8.05	5.12	4.28	5.08	5.82						
170	5.47	5.42	5.04	4.45	4.78	5.48	5.28	5.62	4.81	4.35	4.89	5.12						
175	4.74	5.01	5.01	4.50	4.54	4.73	4.61	4.84	4.57	4.41	4.88	4.81						
180	4.49	4.61	4.60	4.50	4.51	4.52	4.47	4.61	4.59	4.49	4.52	4.53						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-19

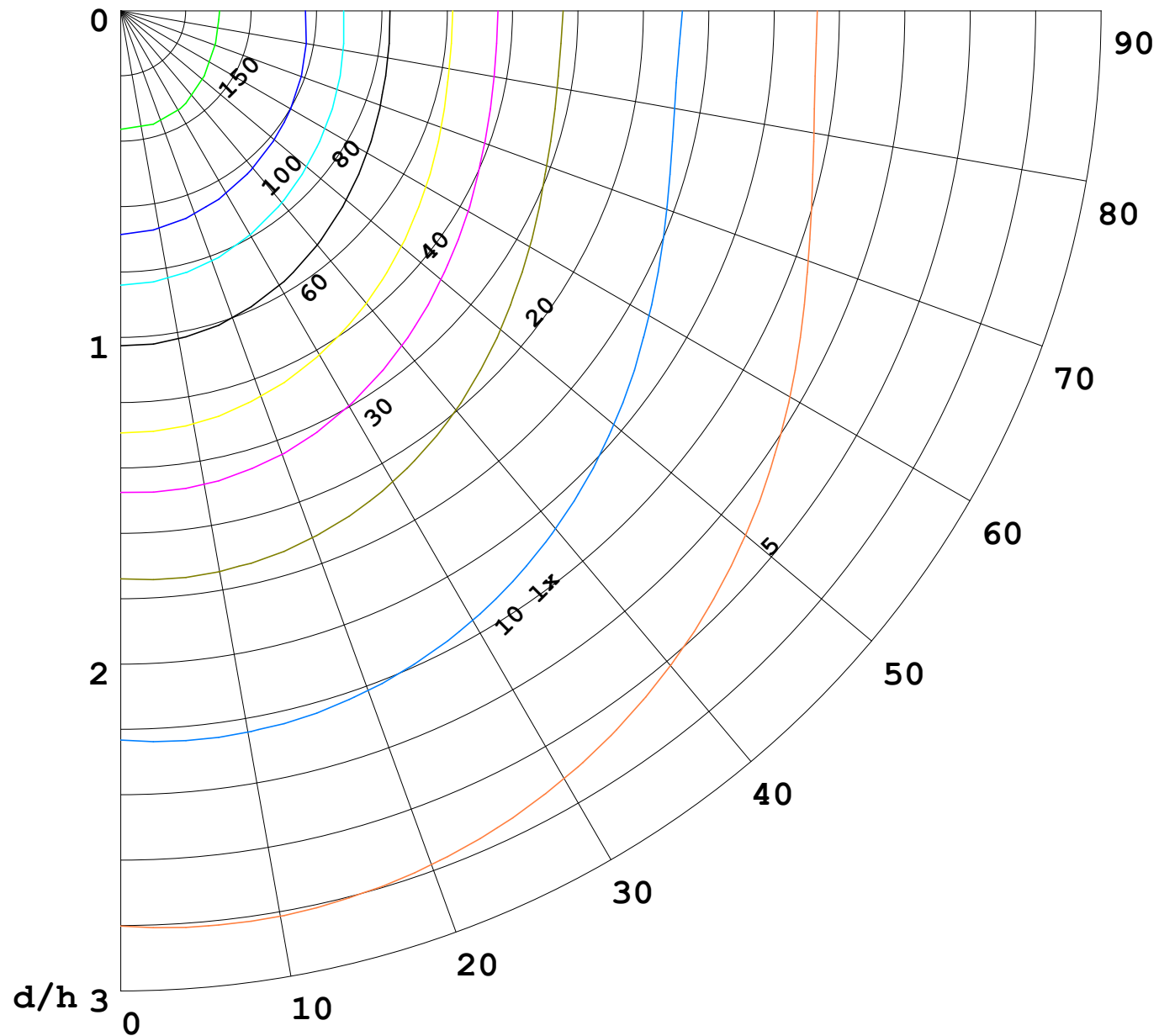
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks:

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

