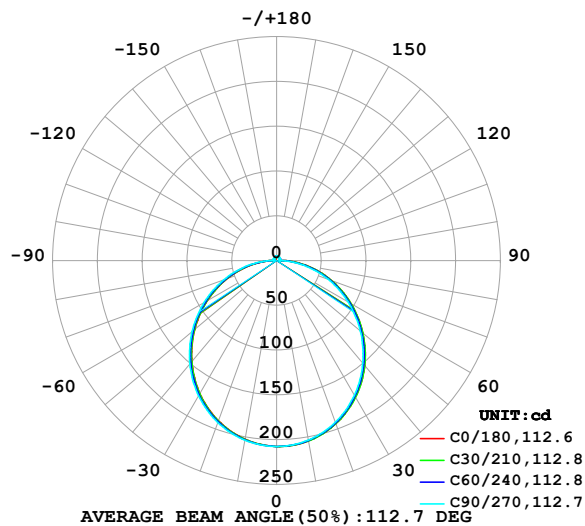


## LUMINAIRE PHOTOMETRIC TEST REPORT

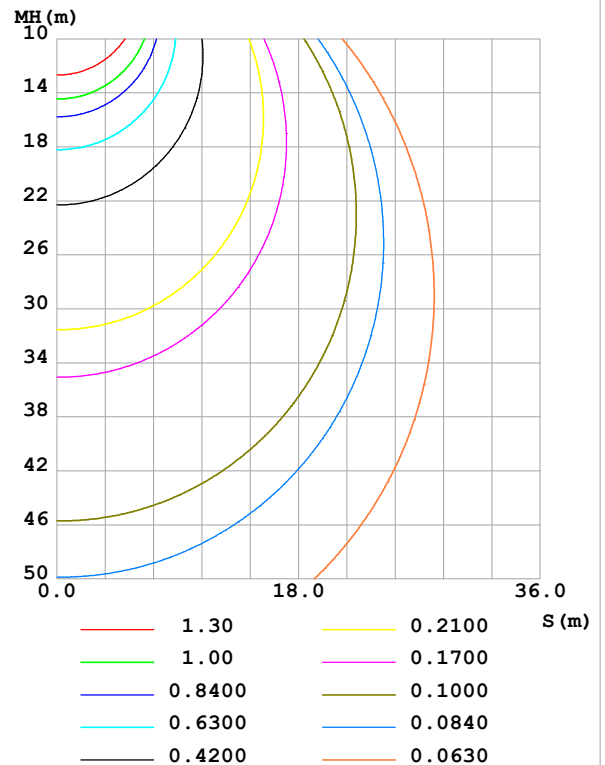
Test:U:24.00V I:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.661x1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: Olymphia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 48.69 lm/W
MODEL	5050	I <sub>max</sub> (cd)	207.6	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	14	LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	633.66	η UP,DN(C0-180)	1.9,48.1	
NOMINAL FLUX(lm)	633.661	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.9,48.1	
LAMPS INSIDE	1	η up(%)	3.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down(%)	96.2	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:2025-03-12

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	204.4	204.3	203.6	202.8	202.7	203.0	203.7	204.5	0- 10	19.62	19.62	3.1,3.1
20	193.6	193.4	192.1	190.7	190.3	191.0	192.4	193.8	10- 20	56.09	75.71	11.9,11.9
30	176.2	175.7	173.8	171.9	171.6	172.5	174.3	176.4	20- 30	84.73	160.4	25.3,25.3
40	153.0	152.2	149.9	147.6	147.3	148.4	150.7	153.2	30- 40	101.8	262.3	41.4,41.4
50	125.7	124.8	122.1	119.6	119.3	120.6	123.3	125.9	40- 50	105.6	367.9	58.1,58.1
60	95.93	94.95	92.02	89.42	89.16	90.54	93.41	96.18	50- 60	96.47	464.3	73.3,73.3
70	65.25	64.22	61.25	58.63	58.40	59.88	62.74	65.48	60- 70	76.61	540.9	85.4,85.4
80	34.82	33.78	30.75	28.22	28.02	29.53	32.33	35.01	70- 80	49.32	590.3	93.2,93.2
90	9.640	7.514	3.253	5.068	6.136	5.493	3.805	8.201	80- 90	19.14	609.4	96.2,96.2
100	2.853	3.260	3.380	3.192	2.455	3.200	3.805	3.213	90-100	4.075	613.5	96.8,96.8
110	3.053	3.470	3.505	3.495	2.799	3.485	4.007	3.405	100-110	3.488	617.0	97.4,97.4
120	3.418	3.722	3.672	3.779	3.155	3.735	4.152	3.646	110-120	3.525	620.5	97.9,97.9
130	3.762	3.967	3.834	4.046	3.513	3.970	4.291	3.863	120-130	3.409	623.9	98.5,98.5
140	4.069	4.212	4.063	4.301	3.869	4.209	4.424	4.046	130-140	3.127	627.0	99,99
150	4.370	4.451	4.430	4.566	4.196	4.444	4.586	4.270	140-150	2.692	629.7	99.4,99.4
160	4.668	4.711	4.748	4.806	4.522	4.679	4.759	4.541	150-160	2.105	631.8	99.7,99.7
170	4.889	4.879	4.965	4.988	4.843	4.875	4.918	4.854	160-170	1.356	633.2	99.9,99.9
180	4.961	5.016	5.101	5.069	4.975	5.006	5.092	5.067	170-180	0.4730	633.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 315.43 lm

%lum = 49.8%

%lamp = 49.8%

Conical surface Flux(130deg): 505.67 lm

%lum = 79.8%

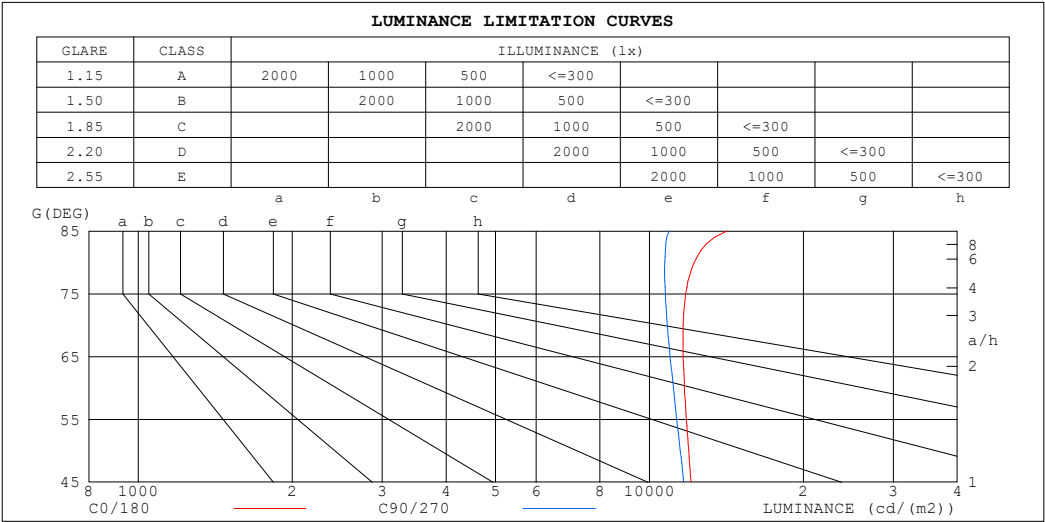
%lamp = 79.8%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-03-12

$\gamma$  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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.661x1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14172	10916
80	12230	10714
75	11775	10739
70	11637	10833
65	11640	10973
60	11703	11134
55	11808	11306
50	11934	11487
45	12056	11665

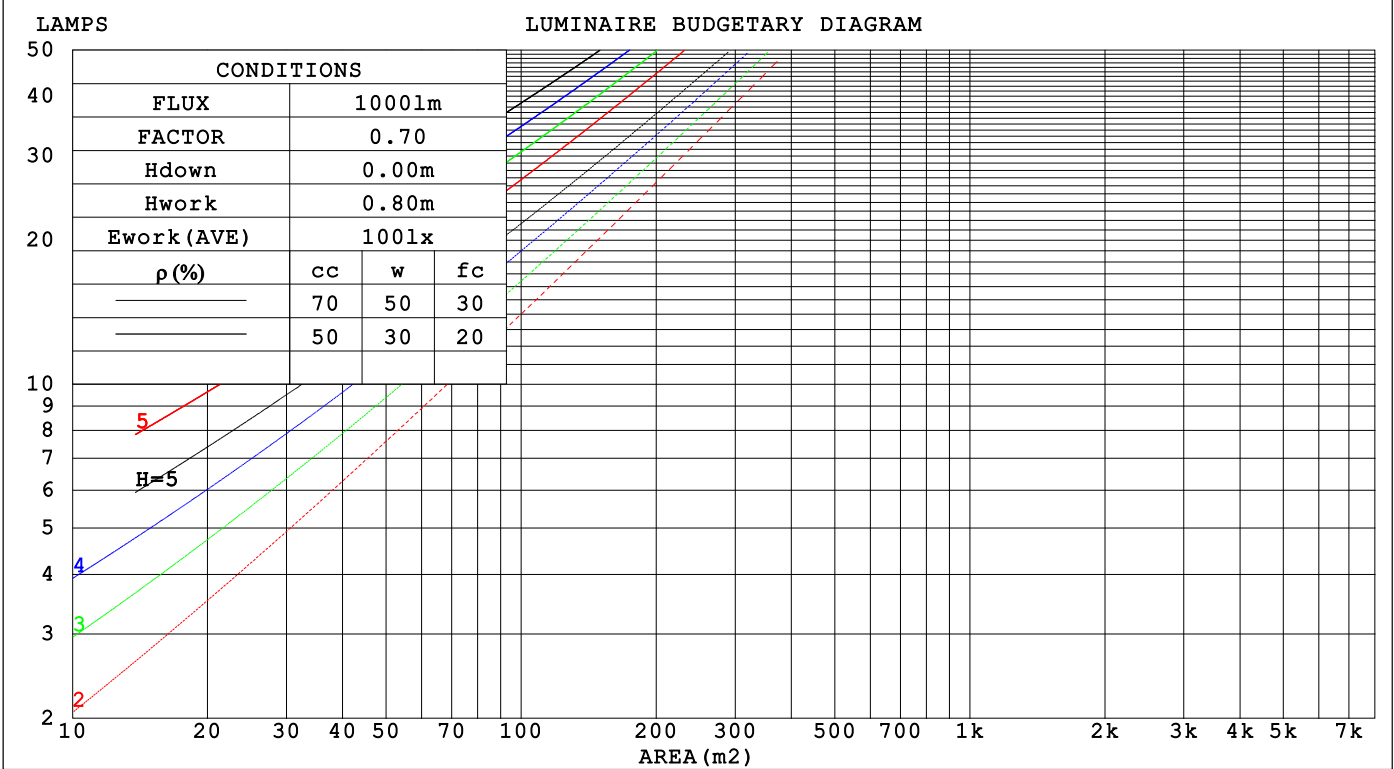
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz		
Lamp Flux:633.661x1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	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	.93	.99	.95	.92	.94	.91	.88	.90	.87	.85	.86	.83	.81	.79
2.0	.89	.81	.76	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.78	.69	.62	.76	.68	.62	.72	.65	.60	.69	.63	.59	.66	.61	.57	.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.29	.28
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	.37	.30	.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:2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.661x1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	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	.326	.185	.059	.318	.181	.058	.302	.173	.055	.288	.166	.053	.275	.159	.051	
2.0	.301	.165	.051	.293	.162	.050	.280	.156	.048	.267	.150	.047	.255	.144	.046	
3.0	.276	.147	.044	.269	.144	.043	.257	.139	.042	.245	.135	.041	.235	.130	.040	
4.0	.253	.131	.039	.247	.129	.038	.236	.125	.037	.226	.121	.037	.216	.118	.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	.194	.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	.176	.088	.025	.169	.086	.025	.162	.083	.024	
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.158	.079	.023	.153	.078	.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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.211	.185	.162	.180	.159	.140	.123	.109	.097	.071	.063	.056	.023	.020	.018	
2.0	.203	.161	.127	.174	.139	.109	.119	.096	.076	.069	.056	.045	.022	.018	.015	
3.0	.195	.144	.103	.167	.124	.090	.115	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.188	.131	.088	.161	.113	.076	.111	.079	.054	.064	.046	.032	.021	.015	.010	
5.0	.180	.121	.077	.155	.104	.067	.107	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.173	.112	.069	.149	.097	.060	.103	.068	.043	.059	.040	.025	.019	.013	.008	
7.0	.166	.106	.063	.143	.091	.055	.099	.064	.039	.057	.038	.023	.019	.012	.008	
8.0	.159	.100	.059	.137	.087	.051	.095	.061	.036	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.055	.132	.082	.048	.092	.058	.034	.053	.034	.020	.017	.011	.007	
10.0	.148	.091	.053	.127	.079	.046	.088	.055	.033	.051	.033	.019	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.66lx1 lm											
NAME: SF16-24v-5050-70-DMX-4000K-ALL						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	22.8	24.3	23.1	24.6	24.8	22.6	24.1	22.9	24.4	24.6
	3H	24.5	25.9	24.9	26.2	26.5	24.3	25.6	24.6	25.9	26.3
	4H	25.3	26.6	25.7	27.0	27.3	25.0	26.3	25.4	26.6	27.0
	6H	26.0	27.2	26.4	27.6	27.9	25.6	26.8	26.0	27.2	27.5
	8H	26.3	27.5	26.7	27.8	28.2	25.8	27.0	26.2	27.4	27.8
	12H	26.5	27.7	27.0	28.1	28.4	26.0	27.2	26.4	27.5	27.9
4H	2H	23.4	24.7	23.8	25.1	25.4	23.3	24.6	23.6	24.9	25.2
	3H	25.4	26.5	25.8	26.9	27.3	25.1	26.3	25.6	26.7	27.0
	4H	26.3	27.4	26.7	27.7	28.2	26.0	27.1	26.5	27.5	27.9
	6H	27.2	28.1	27.6	28.5	29.0	26.8	27.7	27.2	28.1	28.6
	8H	27.5	28.4	28.0	28.8	29.3	27.1	28.0	27.6	28.4	28.9
	12H	27.8	28.6	28.3	29.1	29.6	27.3	28.1	27.8	28.6	29.1
8H	4H	26.6	27.5	27.1	28.0	28.4	26.4	27.3	26.9	27.7	28.2
	6H	27.7	28.4	28.2	28.9	29.4	27.4	28.1	27.9	28.6	29.1
	8H	28.2	28.8	28.7	29.3	29.9	27.8	28.4	28.3	28.9	29.5
	12H	28.6	29.2	29.2	29.7	30.3	28.1	28.7	28.7	29.2	29.8
12H	4H	26.7	27.5	27.2	27.9	28.4	26.4	27.2	26.9	27.7	28.2
	6H	27.8	28.4	28.3	28.9	29.5	27.5	28.1	28.0	28.6	29.1
	8H	28.3	28.9	28.9	29.4	30.0	28.0	28.5	28.5	29.0	29.6
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, 633.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.6)  
Area: 0.0165 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.66lx1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

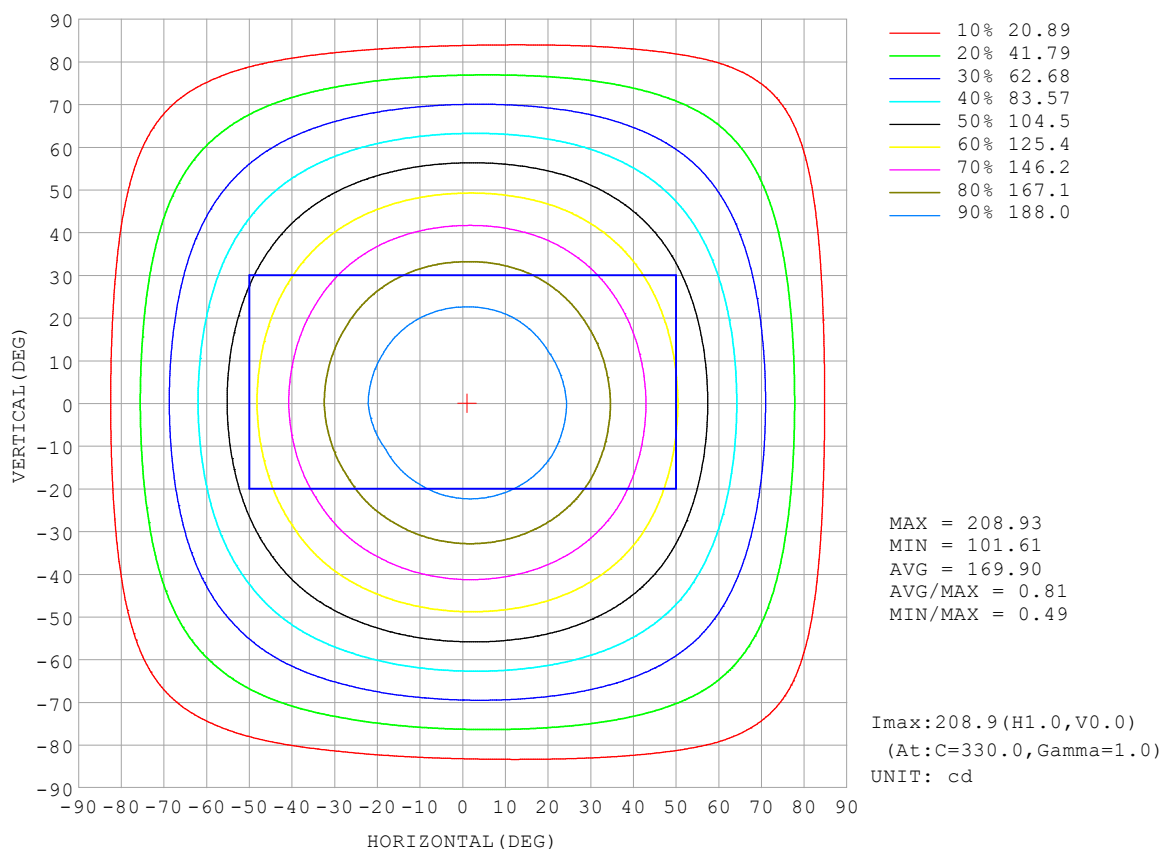
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	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	91	82	76	87	80	74	65
2.50	97	88	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	88	83	73
4.00	104	98	93	102	96	92	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: 2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.66lx1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



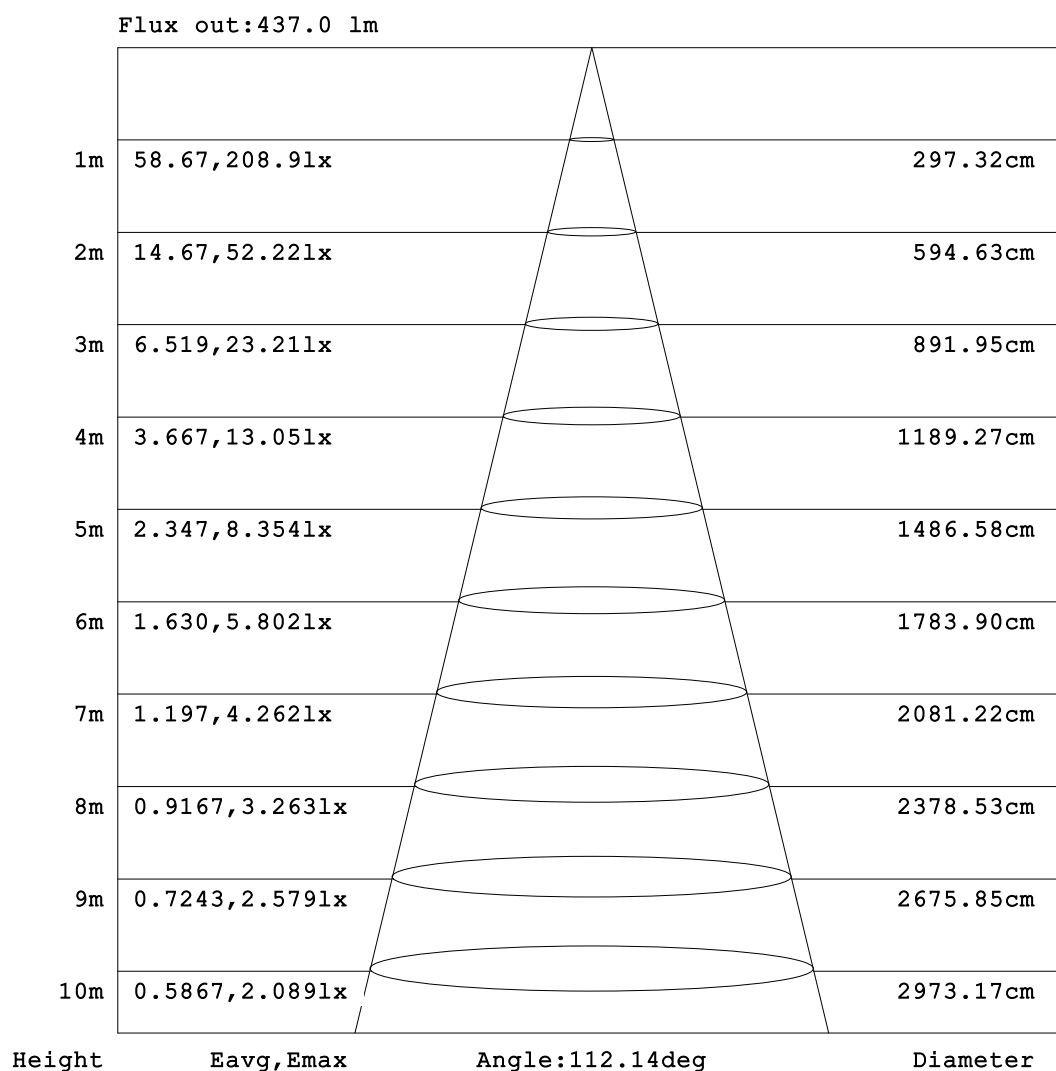
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.66lx1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



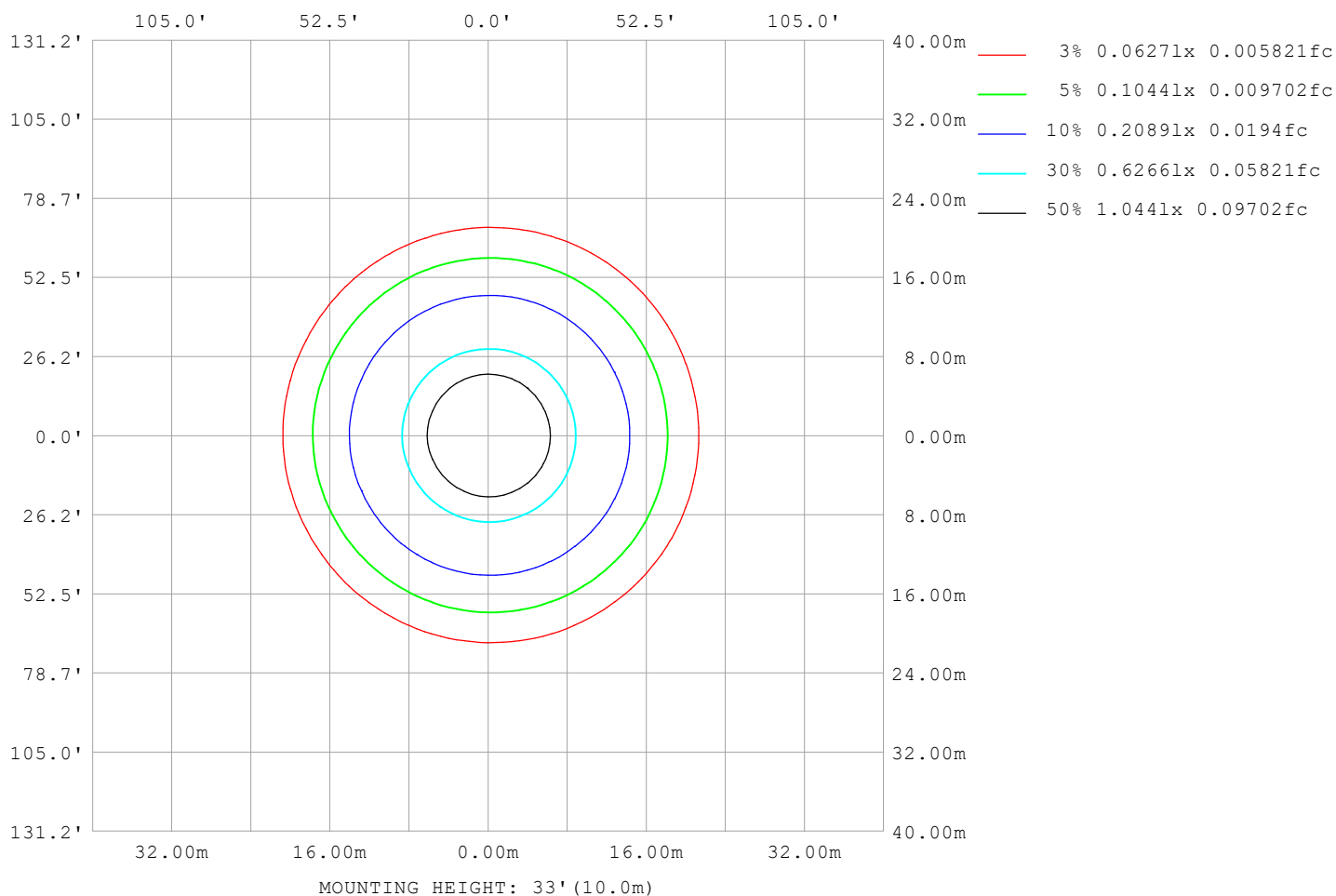
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators:  
Test Date: 2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.66lx1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	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: 2025-03-12

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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.661x1 lm		
NAME: SF16-24v-5050-70-DMX-4000K-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

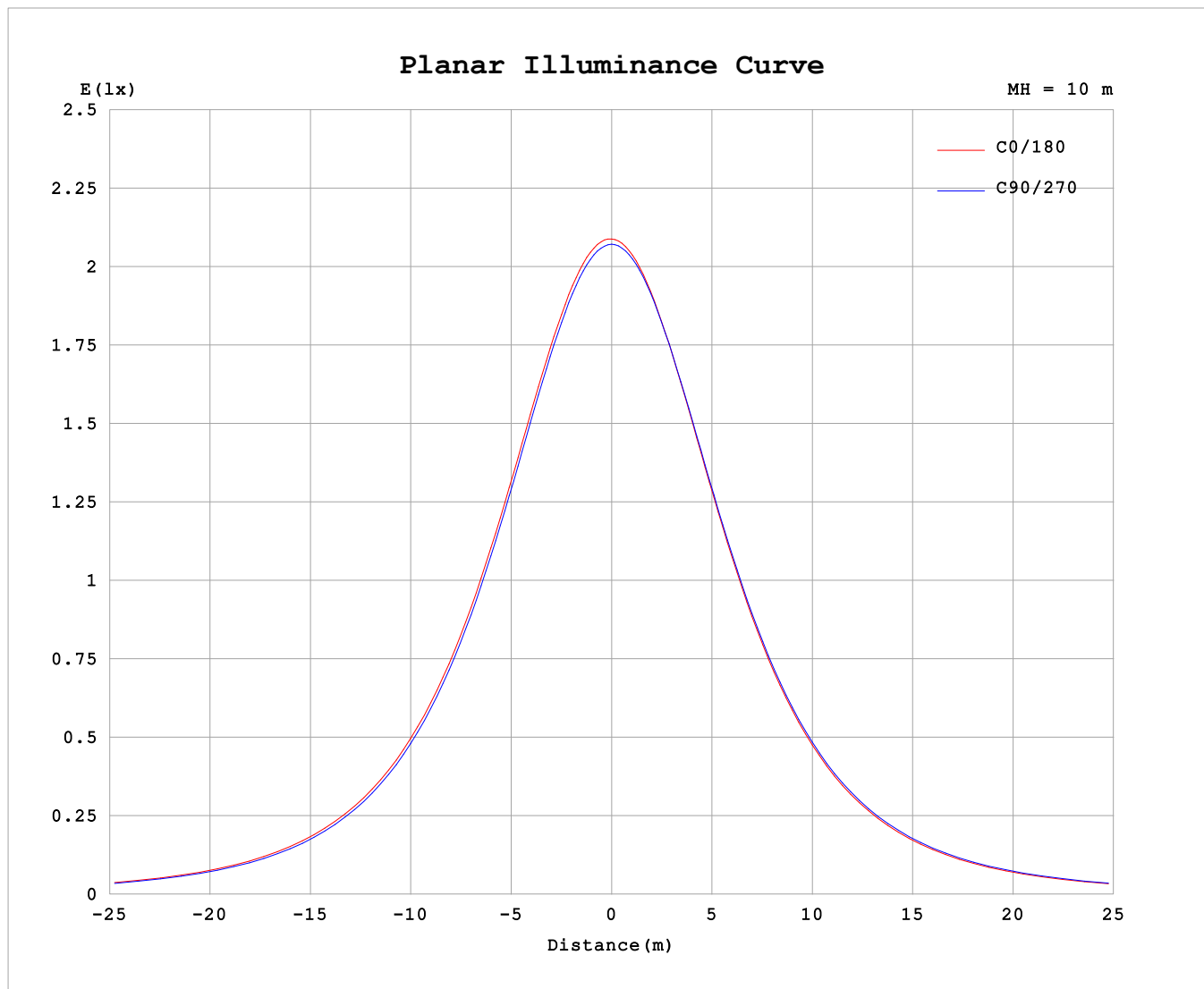
AvgL	cd/m2
L_0~180 (65) av	11074
L_0~180 (75) av	10900
L_0~180 (85) av	12048
L_90~270 (65) av	11098
L_90~270 (75) av	10936
L_90~270 (85) av	11472
L_45 (65) av	11108
L_45 (75) av	10957
L_45 (85) av	11760

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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: 2025-03-12

$\gamma$  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:0.5423A P:13.02W PF:1.000 Freq:0Hz Lamp Flux:633.66lx1 lm																	
NAME: SF16-24v-5050-70-DMX-4000K-ALL									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.: OLYMPIA lighting									SUR.:						Shielding Angle:		

Table--1

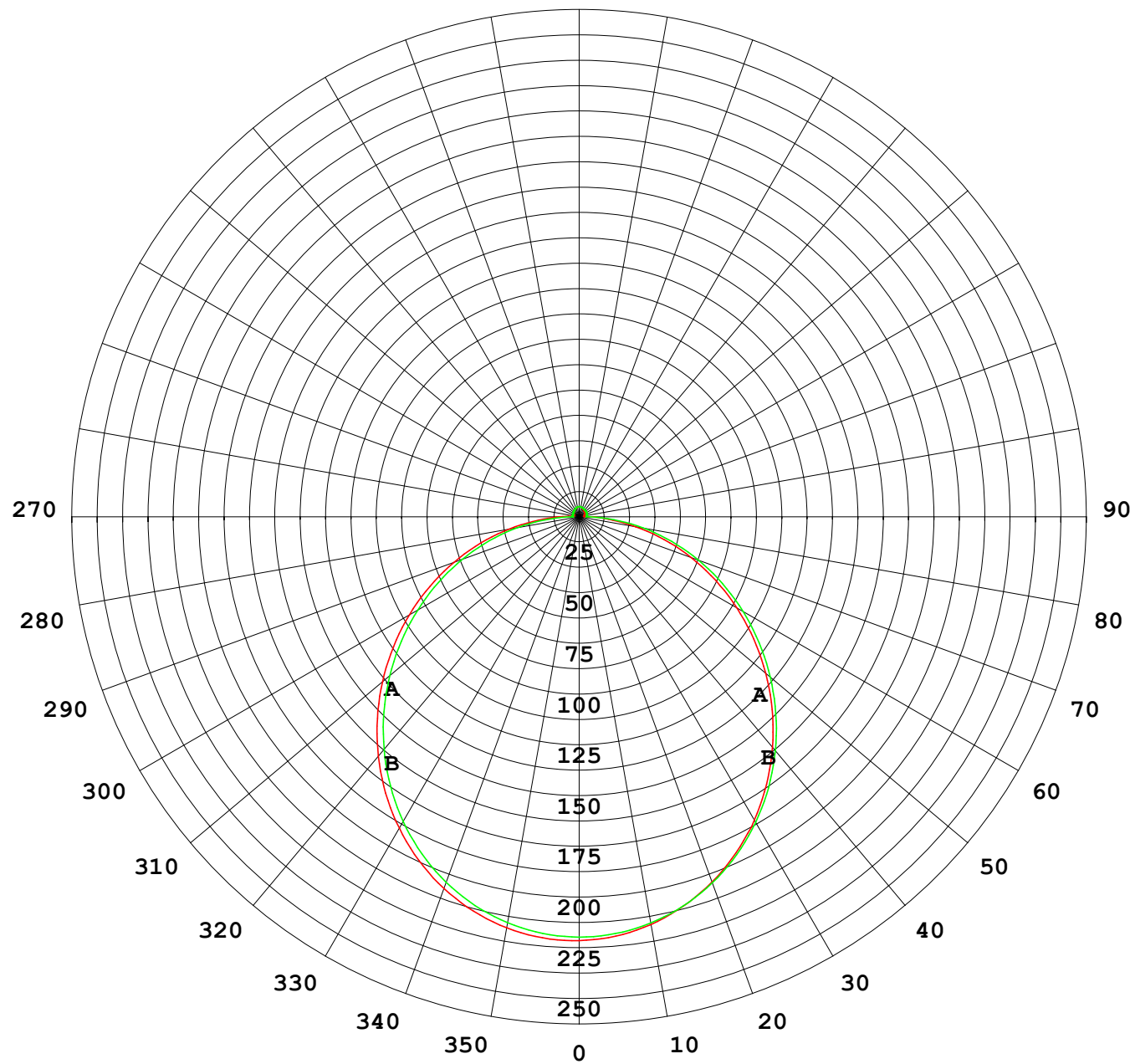
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	208	208	208	208	208	208	208	208	208	208	208	208						
5	207	207	207	207	206	206	206	206	206	207	207	207						
10	204	205	204	204	203	203	203	203	203	204	204	205						
15	200	200	199	199	198	197	197	198	198	199	200	200						
20	194	194	193	192	191	190	190	191	191	192	194	194						
25	186	186	185	184	182	182	182	182	183	184	186	186						
30	176	176	175	174	172	172	172	172	173	174	176	177						
35	165	165	164	162	161	160	160	160	162	163	165	166						
40	153	153	151	150	148	147	147	148	149	151	153	154						
45	140	140	138	136	134	134	134	134	136	137	140	140						
50	126	126	124	122	120	119	119	120	121	123	126	126						
55	111	111	109	107	105	104	104	105	107	109	111	112						
60	95.9	95.8	94.1	92.0	89.9	88.9	89.2	89.6	91.5	93.4	95.7	96.6						
65	80.6	80.5	78.7	76.7	74.5	73.5	73.8	74.4	76.1	78.1	80.4	81.4						
70	65.2	65.1	63.3	61.2	59.1	58.1	58.4	59.0	60.7	62.7	65.0	66.0						
75	50.0	49.8	48.0	45.9	43.8	42.9	43.1	43.8	45.5	47.5	49.6	50.7						
80	34.8	34.7	32.9	30.8	28.7	27.7	28.0	28.7	30.4	32.3	34.5	35.6						
85	20.2	19.9	17.9	15.7	13.8	13.9	14.4	14.5	15.4	17.3	19.4	20.6						
90	9.64	8.98	6.05	3.25	4.39	5.75	6.14	5.95	5.03	3.81	6.99	9.41						
95	3.37	3.30	3.33	3.32	3.19	2.93	2.40	2.81	3.37	3.64	3.41	3.28						
100	2.85	3.17	3.35	3.38	3.32	3.06	2.45	2.88	3.52	3.80	3.47	2.95						
105	2.90	3.25	3.45	3.45	3.46	3.24	2.62	3.04	3.66	3.92	3.60	2.98						
110	3.05	3.38	3.56	3.50	3.58	3.41	2.80	3.19	3.78	4.01	3.70	3.11						
115	3.24	3.53	3.66	3.58	3.71	3.57	2.98	3.34	3.89	4.09	3.82	3.26						
120	3.42	3.67	3.78	3.67	3.83	3.73	3.15	3.49	3.98	4.15	3.90	3.39						
125	3.59	3.80	3.88	3.77	3.95	3.87	3.34	3.63	4.08	4.22	3.99	3.52						
130	3.76	3.93	4.00	3.83	4.08	4.01	3.51	3.77	4.17	4.29	4.08	3.65						
135	3.91	4.07	4.11	3.92	4.20	4.14	3.70	3.90	4.28	4.36	4.17	3.71						
140	4.07	4.20	4.23	4.06	4.32	4.28	3.87	4.04	4.38	4.42	4.25	3.84						
145	4.22	4.31	4.35	4.23	4.45	4.42	4.04	4.18	4.47	4.50	4.34	3.97						
150	4.37	4.43	4.47	4.43	4.58	4.55	4.20	4.32	4.57	4.59	4.44	4.11						
155	4.52	4.56	4.60	4.62	4.69	4.68	4.37	4.46	4.68	4.68	4.58	4.25						
160	4.67	4.70	4.73	4.75	4.81	4.81	4.52	4.59	4.77	4.76	4.68	4.41						
165	4.79	4.81	4.81	4.86	4.90	4.91	4.69	4.71	4.86	4.84	4.78	4.57						
170	4.89	4.89	4.86	4.96	4.98	5.00	4.84	4.82	4.93	4.92	4.89	4.82						
175	4.93	4.96	4.93	5.07	5.04	5.05	4.92	4.91	5.01	5.02	5.01	4.94						
180	4.96	5.01	5.03	5.10	5.07	5.07	4.98	4.99	5.02	5.09	5.09	5.04						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

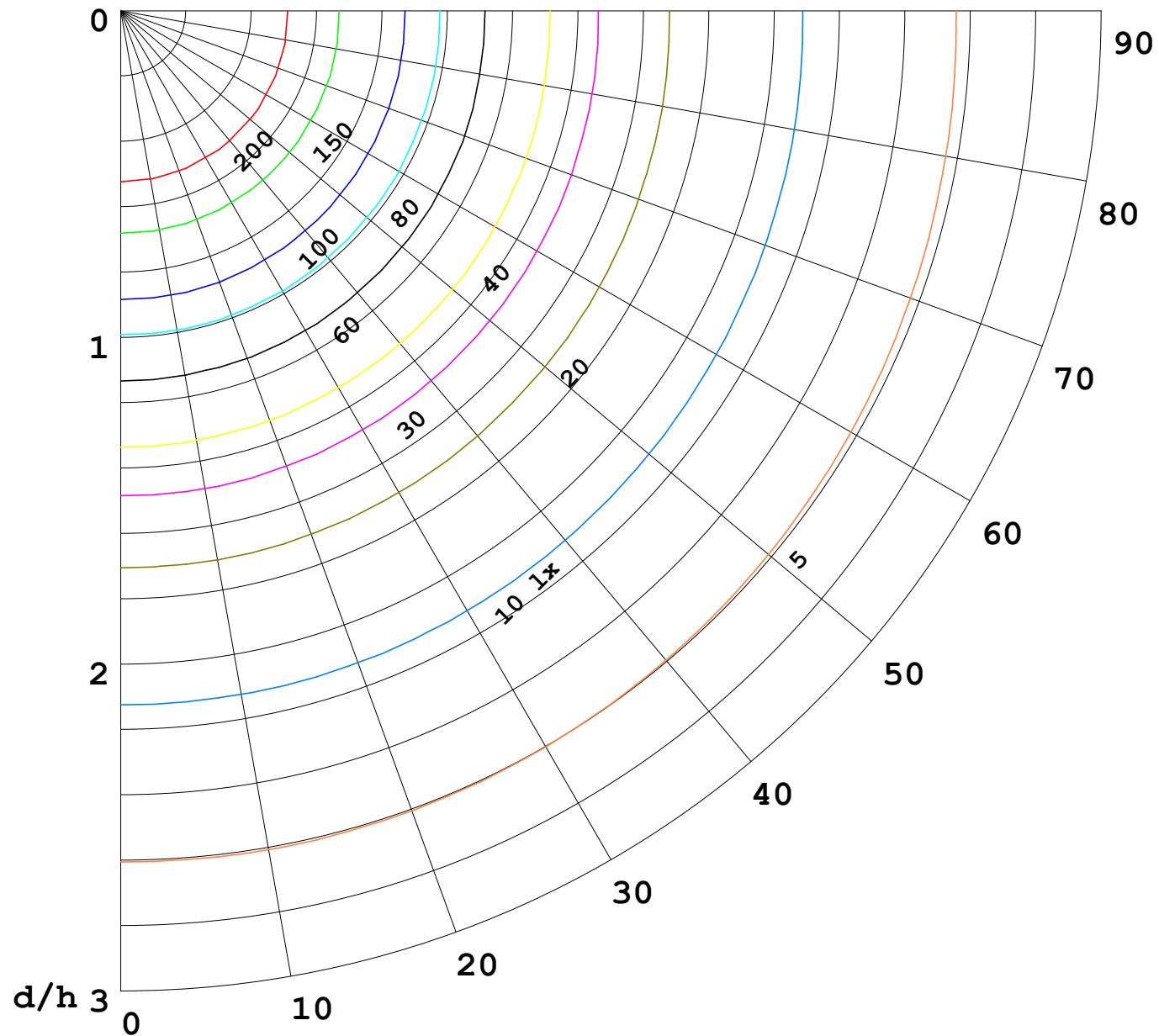
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

