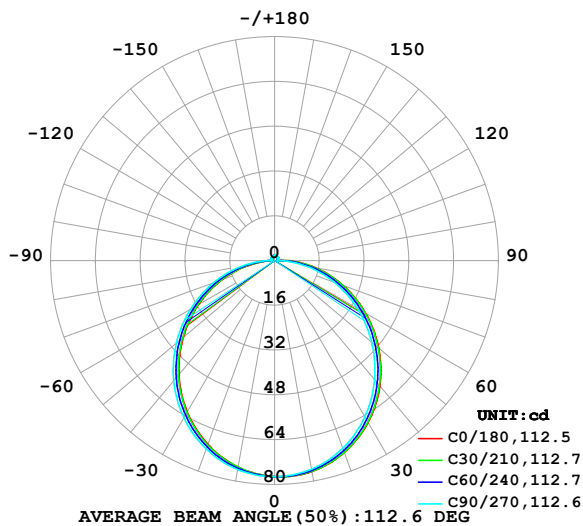


## LUMINAIRE PHOTOMETRIC TEST REPORT

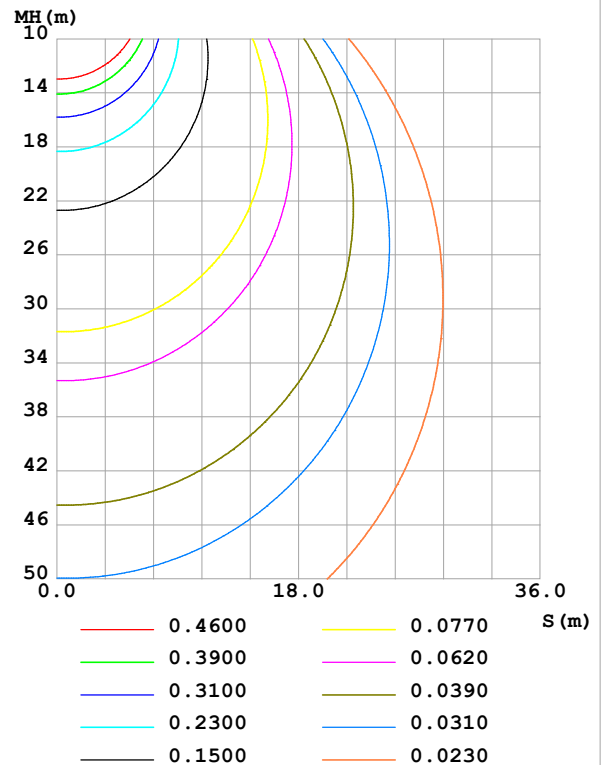
Test:U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: Olym pia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 40.55 lm/W
MODEL	5050	Imax(cd)	77.31	S/MH(C0/180)	1.21	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	235.42	$\eta$ UP,DN(C0-180)	1.9,48.5	
NOMINAL FLUX(lm)	235.424	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.9,47.7	
LAMPS INSIDE	1	$\eta$ up(%)	3.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		$\eta$ 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 °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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	76.53	76.30	75.69	75.07	74.90	75.17	75.82	76.40	0- 10	7.299	7.299	3.1,3.1
20	72.95	72.53	71.35	70.20	69.82	70.42	71.61	72.73	10- 20	20.86	28.16	12,12
30	66.86	66.17	64.48	62.93	62.43	63.25	64.90	66.48	20- 30	31.50	59.66	25.3,25.3
40	58.54	57.66	55.59	53.69	53.15	54.11	56.12	58.06	30- 40	37.85	97.50	41.4,41.4
50	48.56	47.58	45.25	43.13	42.55	43.62	45.83	48.03	40- 50	39.24	136.7	58.1,58.1
60	37.56	36.54	34.08	31.86	31.28	32.39	34.68	37.02	50- 60	35.83	172.6	73.3,73.3
70	26.15	25.13	22.67	20.44	19.88	20.97	23.24	25.57	60- 70	28.44	201.0	85.4,85.4
80	14.80	13.78	11.36	9.206	8.663	9.708	11.92	14.21	70- 80	18.30	219.3	93.2,93.2
90	4.641	3.338	1.049	1.469	1.691	1.619	1.343	3.723	80- 90	7.169	226.5	96.2,96.2
100	1.021	1.008	1.132	1.154	0.9739	1.212	1.372	1.151	90-100	1.511	228.0	96.8,96.8
110	1.121	1.205	1.242	1.266	1.098	1.314	1.456	1.225	100-110	1.254	229.3	97.4,97.4
120	1.256	1.326	1.358	1.376	1.233	1.402	1.505	1.317	110-120	1.288	230.5	97.9,97.9
130	1.389	1.428	1.465	1.484	1.363	1.499	1.560	1.401	120-130	1.255	231.8	98.5,98.5
140	1.512	1.524	1.566	1.581	1.498	1.586	1.620	1.483	130-140	1.158	233.0	99,99
150	1.633	1.632	1.670	1.684	1.628	1.678	1.687	1.577	140-150	1.001	234.0	99.4,99.4
160	1.746	1.734	1.774	1.791	1.749	1.766	1.759	1.685	150-160	0.7840	234.7	99.7,99.7
170	1.801	1.844	1.872	1.869	1.815	1.845	1.831	1.809	160-170	0.5076	235.2	99.9,99.9
180	1.853	1.897	1.906	1.895	1.858	1.893	1.906	1.896	170-180	0.1777	235.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 117.26 lm

%lum = 49.8%

%lamp = 49.8%

Conical surface Flux(130deg): 187.93 lm

%lum = 79.8%

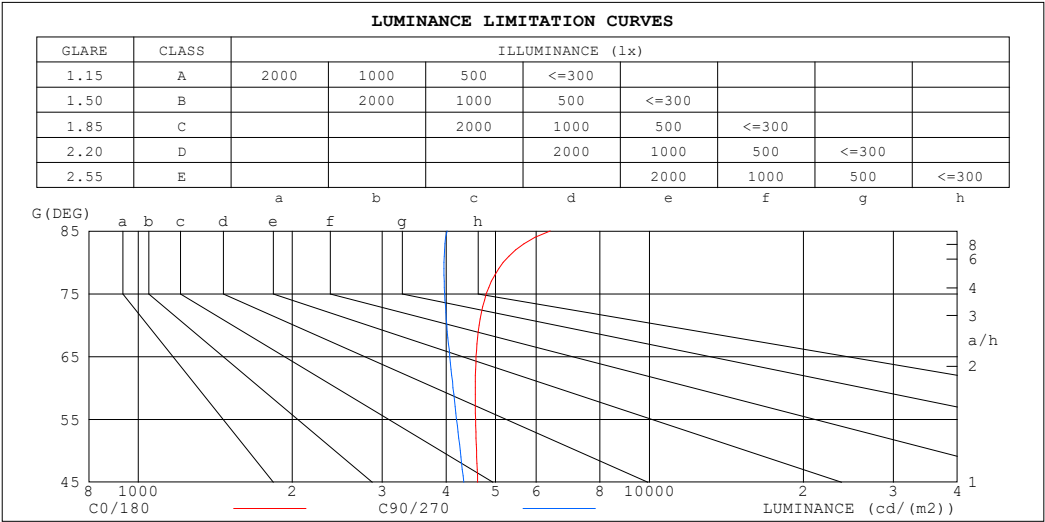
%lamp = 79.8%

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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6393	4018
80	5176	3962
75	4796	3976
70	4641	4013
65	4579	4067
60	4561	4127
55	4567	4193
50	4587	4263
45	4611	4329

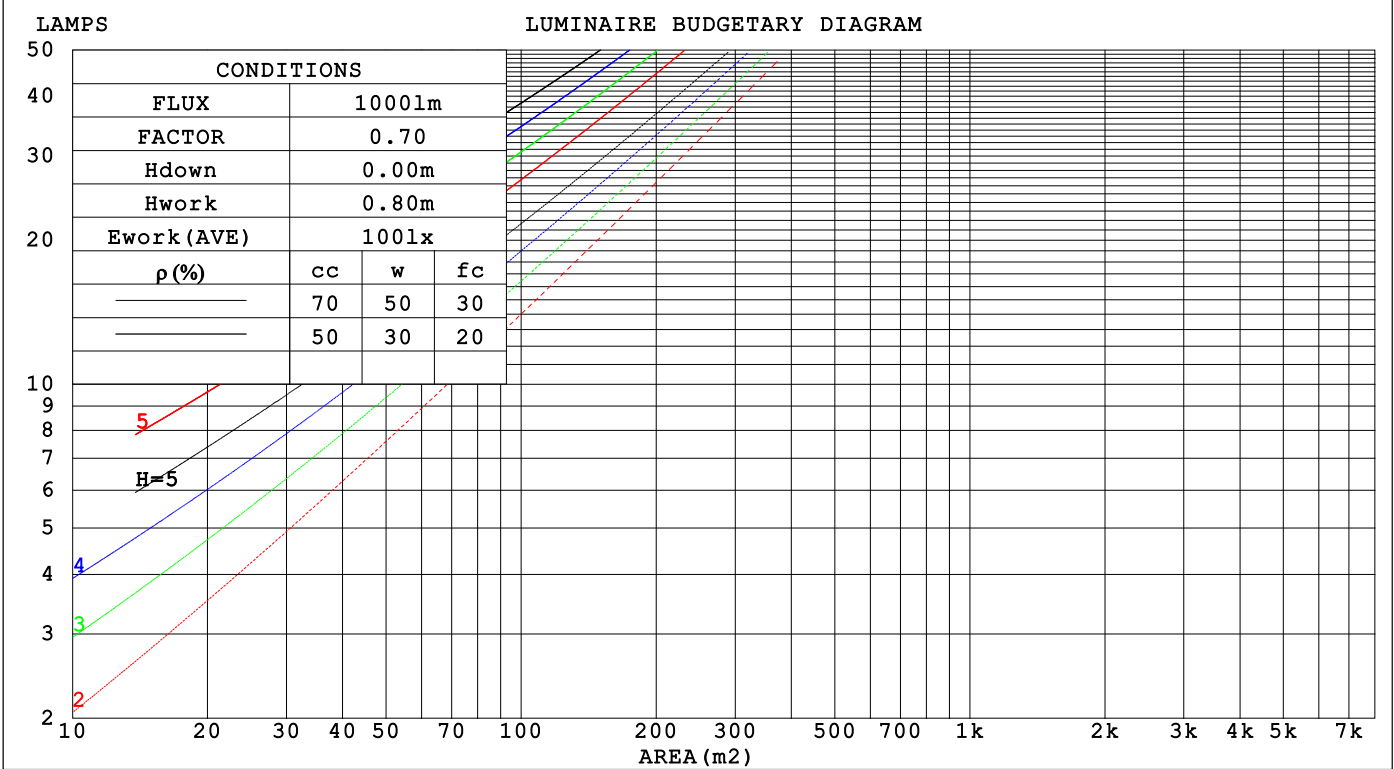
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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:0.2419A P:5.806W PF:1.000 Freq:0Hz		
Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	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	.186	.059	.318	.181	.058	.302	.174	.055	.288	.166	.053	.275	.159	.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	.246	.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	.159	.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	.219	.219	.219	.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	.126	.174	.139	.109	.119	.096	.076	.069	.056	.045	.022	.018	.015	
3.0	.195	.144	.103	.167	.124	.089	.115	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.187	.131	.087	.161	.113	.076	.111	.079	.053	.064	.046	.032	.021	.015	.010	
5.0	.180	.120	.077	.154	.104	.067	.106	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.173	.112	.069	.148	.097	.060	.102	.068	.042	.059	.040	.025	.019	.013	.008	
7.0	.166	.105	.063	.143	.091	.055	.099	.064	.039	.057	.038	.023	.018	.012	.008	
8.0	.159	.100	.059	.137	.086	.051	.095	.061	.036	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.055	.132	.082	.048	.091	.058	.034	.053	.034	.020	.017	.011	.007	
10.0	.147	.090	.052	.127	.078	.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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm											
NAME: SF16-24V-5050-70-DMX(3000K)-(2)						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	23.1	24.6	23.4	24.8	25.1	22.7	24.2	23.0	24.4	24.7
	3H	24.9	26.3	25.2	26.6	26.9	24.3	25.7	24.7	26.0	26.3
	4H	25.7	27.0	26.1	27.4	27.7	25.1	26.4	25.4	26.7	27.0
	6H	26.5	27.7	26.9	28.1	28.4	25.7	26.9	26.1	27.3	27.6
	8H	26.8	28.0	27.2	28.4	28.8	25.9	27.1	26.3	27.5	27.8
	12H	27.2	28.3	27.6	28.7	29.1	26.1	27.2	26.5	27.6	28.0
4H	2H	23.7	25.0	24.1	25.3	25.7	23.4	24.7	23.8	25.0	25.4
	3H	25.7	26.9	26.1	27.2	27.6	25.3	26.4	25.7	26.8	27.2
	4H	26.7	27.8	27.2	28.2	28.6	26.2	27.2	26.6	27.6	28.0
	6H	27.7	28.6	28.1	29.0	29.5	26.9	27.9	27.4	28.3	28.7
	8H	28.1	29.0	28.6	29.4	29.9	27.2	28.1	27.7	28.5	29.0
	12H	28.5	29.3	29.0	29.7	30.2	27.5	28.3	28.0	28.7	29.2
8H	4H	27.1	27.9	27.5	28.4	28.8	26.6	27.5	27.1	27.9	28.4
	6H	28.2	28.9	28.7	29.4	29.9	27.6	28.3	28.1	28.8	29.3
	8H	28.8	29.4	29.3	29.9	30.5	28.0	28.6	28.5	29.1	29.7
	12H	29.3	29.9	29.9	30.4	31.0	28.4	28.9	28.9	29.4	30.0
12H	4H	27.1	27.9	27.6	28.4	28.8	26.6	27.5	27.1	27.9	28.4
	6H	28.3	29.0	28.8	29.5	30.0	27.7	28.4	28.2	28.8	29.4
	8H	29.0	29.5	29.5	30.0	30.6	28.2	28.8	28.7	29.3	29.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.1 / - 0.4				

CIE Pub.117, 235.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.0)  
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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

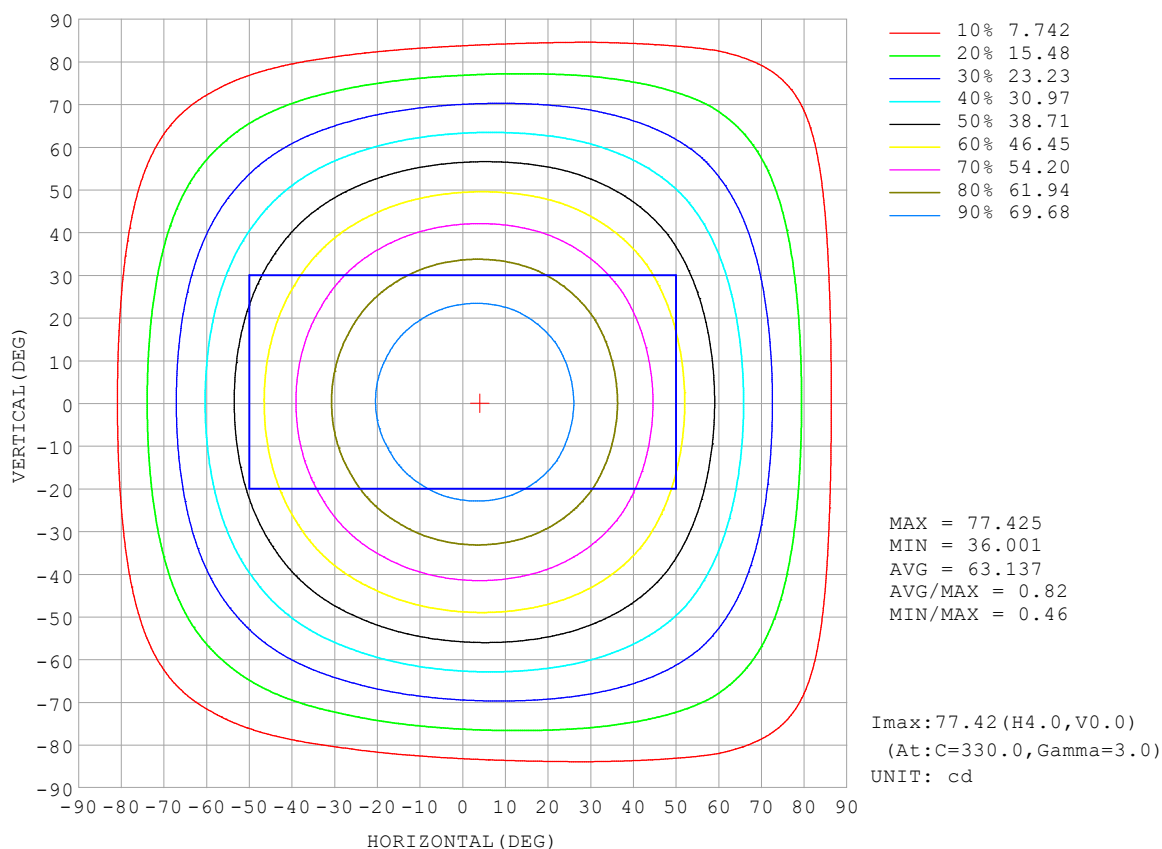
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	37	30
0.80	65	54	46	64	53	46	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	68	80	72	66	58
2.00	93	84	77	91	82	76	87	80	74	65
2.50	97	89	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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



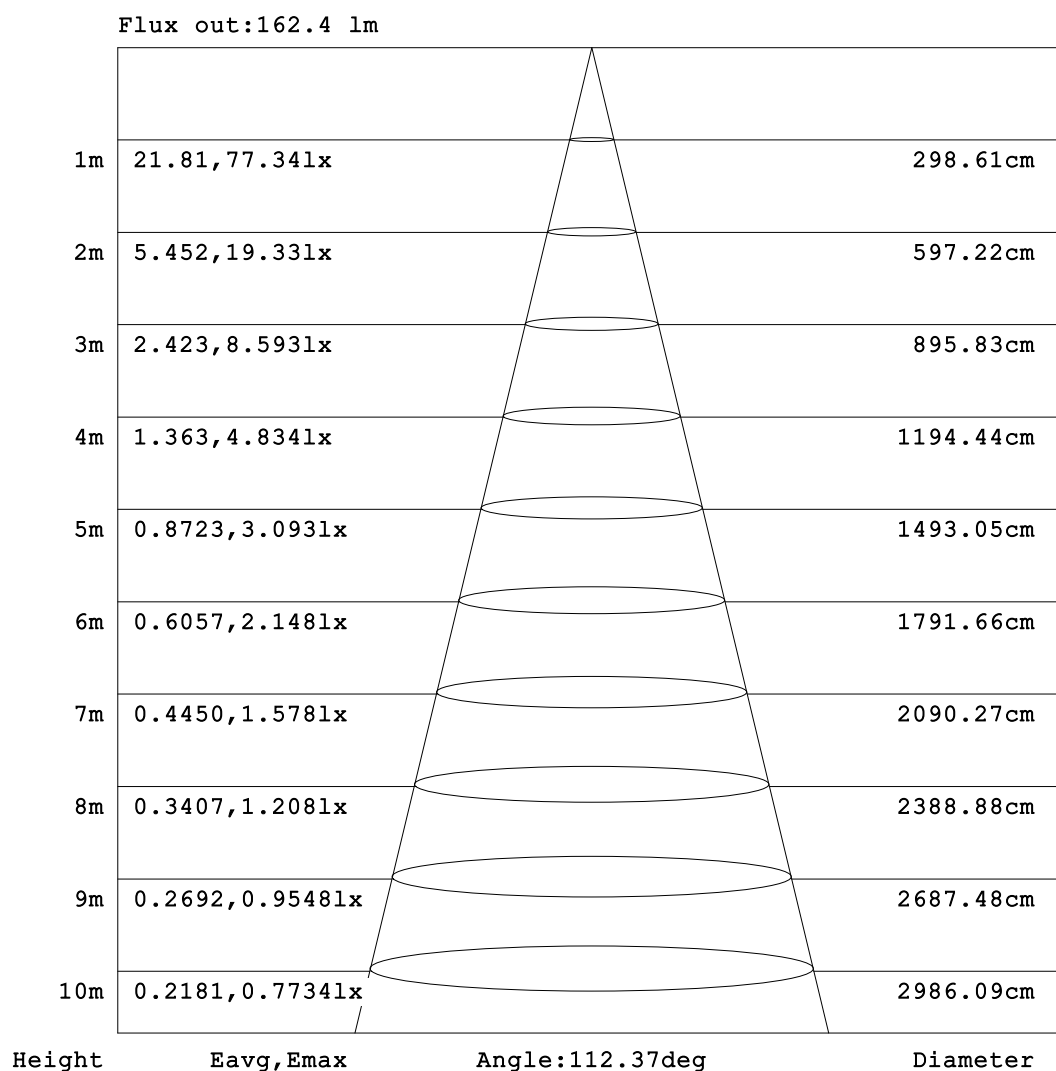
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-12

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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



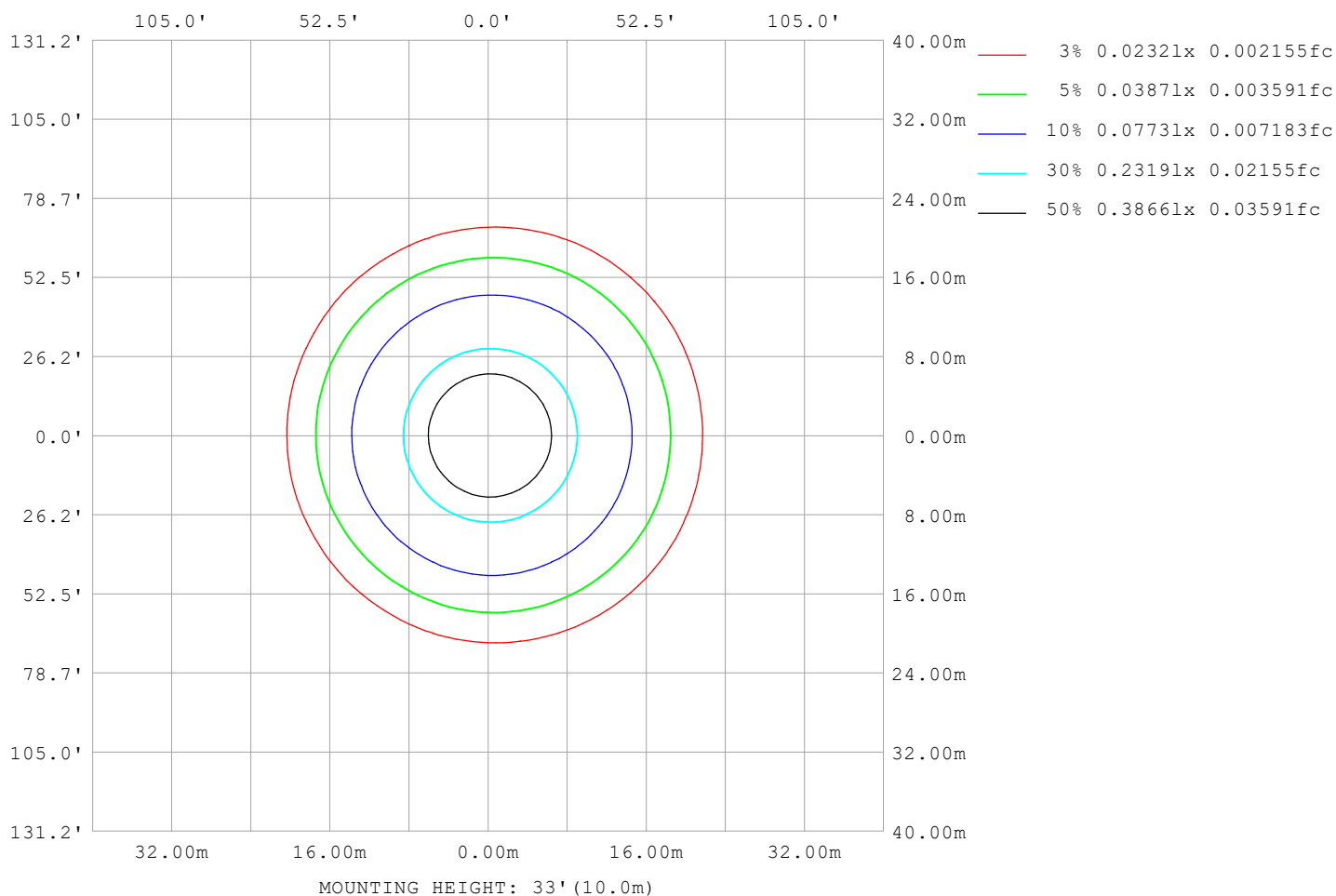
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	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:

## LED Avg.L Report

Test:U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

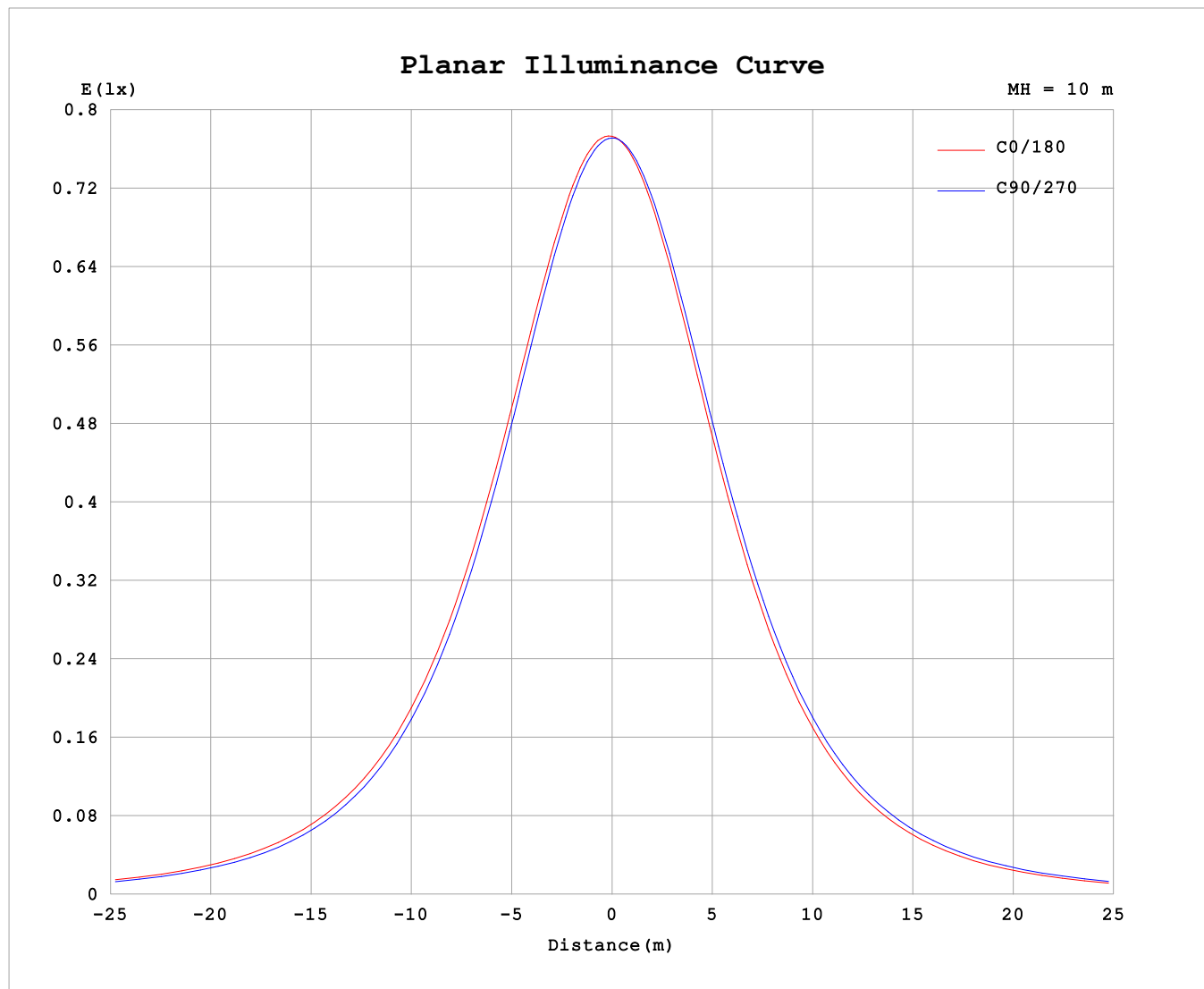
AvgL	cd/m2
L_0~180 (65) av	4119
L_0~180 (75) av	4060
L_0~180 (85) av	4644
L_90~270 (65) av	4113
L_90~270 (75) av	4044
L_90~270 (85) av	4202
L_45 (65) av	4123
L_45 (75) av	4064
L_45 (85) av	4422

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:0.2419A P:5.806W PF:1.000 Freq:0Hz Lamp Flux:235.424x1 lm		
NAME: SF16-24V-5050-70-DMX(3000K)-(2)	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	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2							
5	77.2	77.2	77.0	76.8	76.6	76.4	76.4	76.4	76.6	76.9	77.1	77.3							
10	76.5	76.5	76.1	75.7	75.2	74.9	74.9	75.0	75.4	75.8	76.2	76.6							
15	75.1	75.0	74.5	73.9	73.2	72.8	72.7	72.8	73.4	74.1	74.7	75.1							
20	73.0	72.9	72.2	71.3	70.5	69.9	69.8	70.1	70.8	71.6	72.5	73.0							
25	70.2	70.0	69.3	68.2	67.2	66.5	66.4	66.7	67.5	68.6	69.6	70.2							
30	66.9	66.6	65.7	64.5	63.3	62.6	62.4	62.8	63.7	64.9	66.1	66.9							
35	62.9	62.7	61.6	60.2	58.9	58.1	58.0	58.4	59.4	60.7	62.1	62.9							
40	58.5	58.3	57.1	55.6	54.1	53.3	53.2	53.5	54.7	56.1	57.6	58.5							
45	53.7	53.4	52.1	50.6	49.0	48.1	48.0	48.4	49.6	51.1	52.7	53.7							
50	48.6	48.2	46.9	45.3	43.6	42.7	42.6	43.0	44.3	45.8	47.5	48.5							
55	43.1	42.8	41.4	39.7	38.0	37.1	37.0	37.4	38.7	40.3	42.1	43.1							
60	37.6	37.2	35.8	34.1	32.3	31.4	31.3	31.7	33.1	34.7	36.5	37.5							
65	31.9	31.6	30.1	28.4	26.6	25.7	25.6	26.0	27.3	29.0	30.8	31.9							
70	26.1	25.8	24.4	22.7	20.9	20.0	19.9	20.3	21.6	23.2	25.0	26.1							
75	20.4	20.2	18.7	17.0	15.3	14.3	14.2	14.7	16.0	17.5	19.3	20.4							
80	14.8	14.5	13.1	11.4	9.66	8.75	8.66	9.07	10.3	11.9	13.7	14.8							
85	9.18	8.85	7.47	5.78	4.22	4.07	4.18	4.27	4.82	6.30	8.07	9.11							
90	4.64	4.11	2.56	1.05	1.33	1.61	1.69	1.68	1.55	1.34	3.05	4.39							
95	1.54	1.14	0.97	1.08	1.11	1.09	0.93	1.08	1.27	1.31	1.23	1.44							
100	1.02	0.99	1.03	1.13	1.16	1.15	0.97	1.11	1.31	1.37	1.26	1.04							
105	1.05	1.12	1.13	1.18	1.21	1.21	1.04	1.16	1.37	1.42	1.31	1.05							
110	1.12	1.20	1.21	1.24	1.26	1.27	1.10	1.21	1.41	1.46	1.34	1.11							
115	1.18	1.25	1.28	1.31	1.31	1.33	1.17	1.27	1.45	1.48	1.38	1.16							
120	1.26	1.33	1.33	1.36	1.36	1.39	1.23	1.32	1.49	1.50	1.41	1.22							
125	1.33	1.38	1.38	1.42	1.41	1.44	1.30	1.38	1.52	1.53	1.44	1.27							
130	1.39	1.43	1.43	1.46	1.47	1.50	1.36	1.43	1.57	1.56	1.48	1.33							
135	1.46	1.48	1.47	1.51	1.52	1.55	1.43	1.48	1.60	1.59	1.52	1.35							
140	1.51	1.53	1.51	1.57	1.57	1.60	1.50	1.53	1.64	1.62	1.56	1.41							
145	1.57	1.59	1.57	1.62	1.61	1.65	1.56	1.58	1.67	1.65	1.59	1.46							
150	1.63	1.64	1.62	1.67	1.66	1.71	1.63	1.64	1.72	1.69	1.63	1.52							
155	1.69	1.70	1.67	1.72	1.71	1.75	1.69	1.69	1.76	1.73	1.69	1.58							
160	1.75	1.74	1.72	1.77	1.77	1.81	1.75	1.74	1.79	1.76	1.74	1.63							
165	1.78	1.79	1.78	1.83	1.82	1.85	1.80	1.78	1.82	1.80	1.79	1.70							
170	1.80	1.86	1.83	1.87	1.85	1.89	1.82	1.83	1.86	1.83	1.83	1.79							
175	1.83	1.89	1.87	1.91	1.89	1.89	1.85	1.87	1.90	1.87	1.88	1.85							
180	1.85	1.89	1.90	1.91	1.89	1.89	1.86	1.89	1.90	1.91	1.91	1.89							

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:

Test Date:2025-03-12

γ Range: 0 - 180DEG

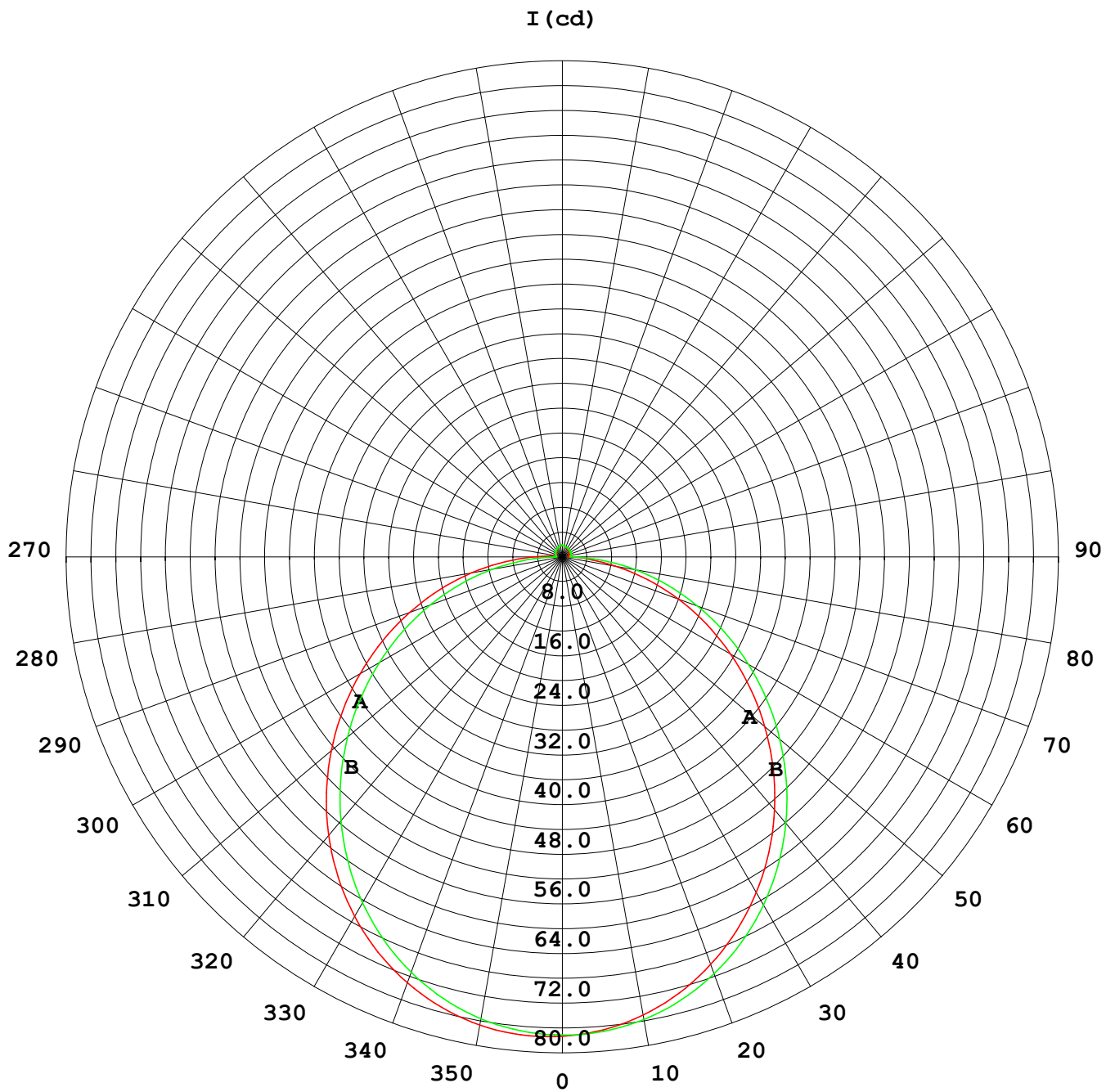
γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488

Humidity:65.0%

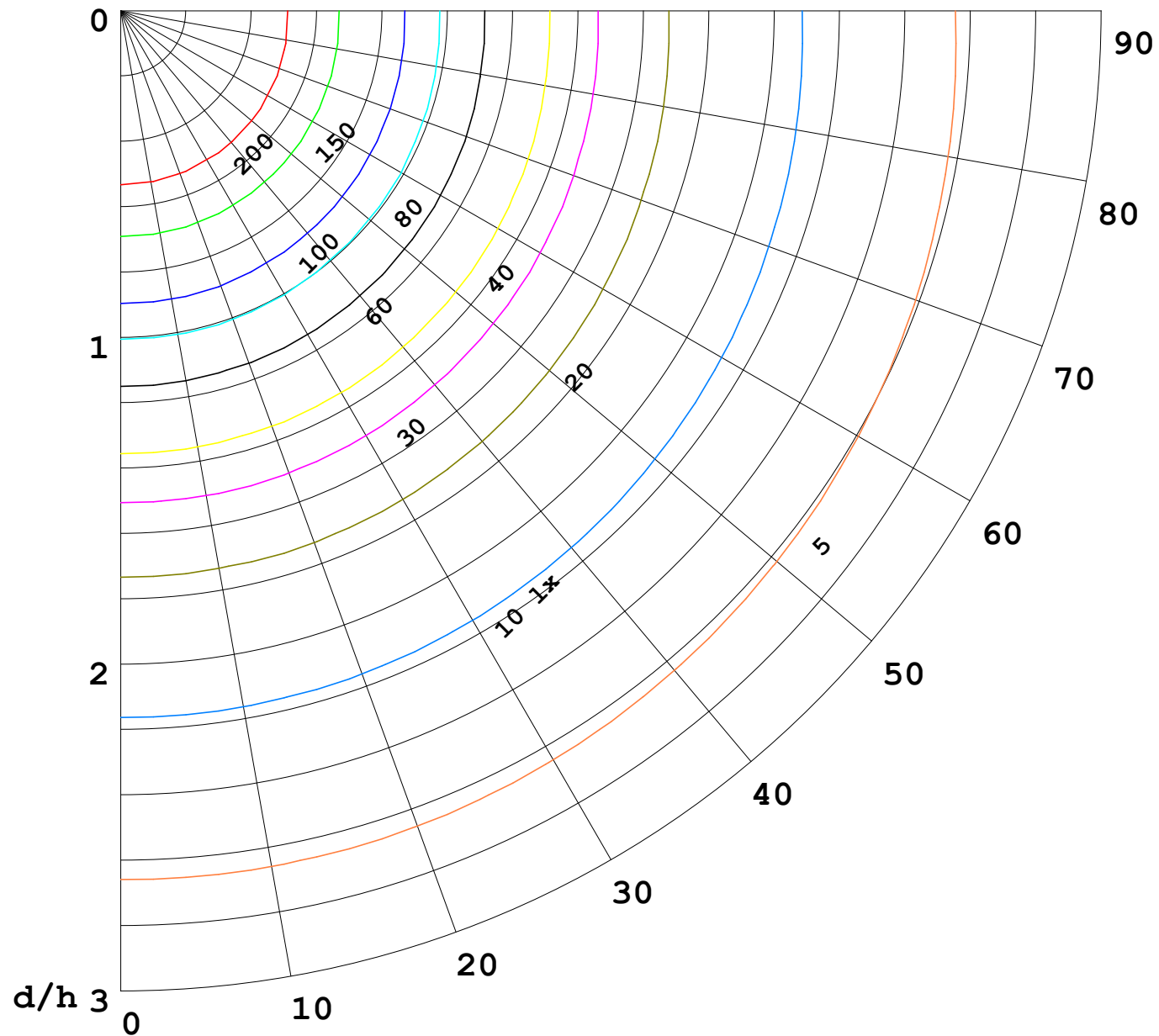
Test Distance:6.360m [K=1.0000]

Remarks:



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

