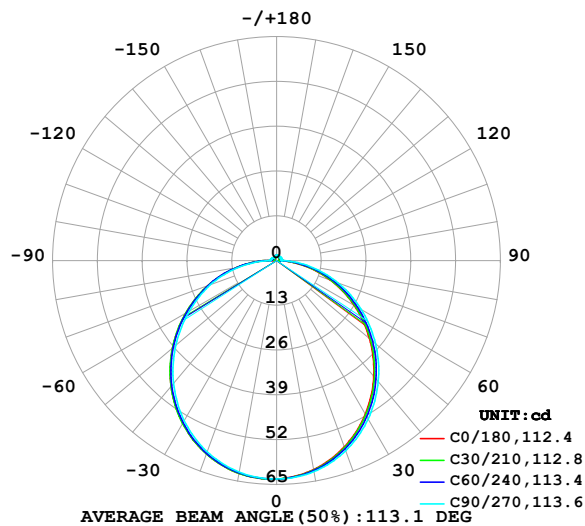


LUMINAIRE PHOTOMETRIC TEST REPORT

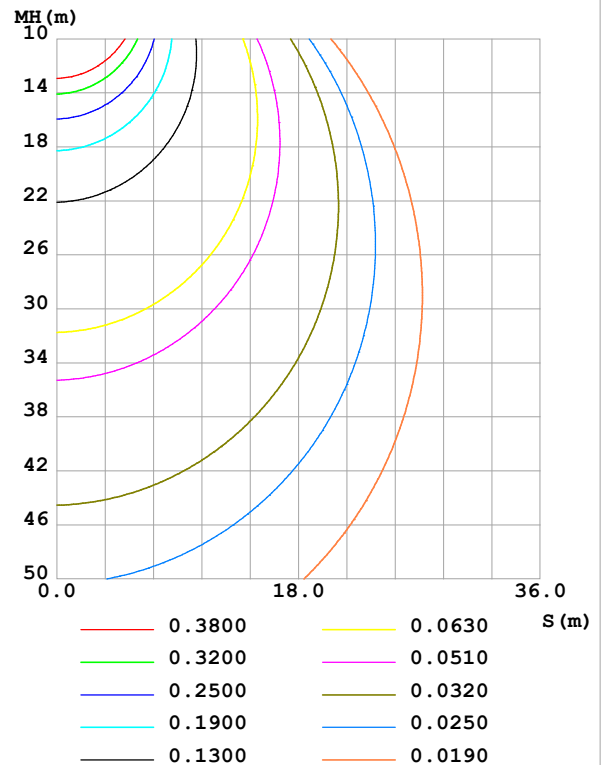
Test:U:24.00V I:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 40.31 lm/W			
MODEL	5050	Imax (cd)	63.46	S/MH(C0/180)	1.28
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	195.79	η UP,DN(C0-180)	2.0,47.1
NOMINAL FLUX(lm)	195.787	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.2,48.8
LAMPS INSIDE	1	η up (%)	4.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down (%)	95.8	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:2025-02-25

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	61.61	61.84	62.21	62.60	62.72	62.66	62.37	61.90	0- 10	5.998	5.998	3.06,3.06
20	57.53	57.96	58.72	59.48	59.69	59.62	59.04	58.11	10- 20	17.15	23.15	11.8,11.8
30	51.51	52.07	53.14	54.26	54.55	54.47	53.67	52.31	20- 30	25.92	49.07	25.1,25.1
40	43.88	44.58	45.91	47.26	47.64	47.55	46.56	44.89	30- 40	31.17	80.24	41,41
50	35.19	35.96	37.48	38.99	39.42	39.33	38.21	36.35	40- 50	32.37	112.6	57.5,57.5
60	25.96	26.76	28.37	29.93	30.42	30.33	29.18	27.22	50- 60	29.63	142.2	72.7,72.7
70	16.62	17.41	19.03	20.56	21.08	21.18	20.46	18.11	60- 70	23.67	165.9	84.7,84.7
80	7.415	8.178	9.782	11.26	11.76	11.88	10.98	8.865	70- 80	15.49	181.4	92.7,92.7
90	1.401	1.406	1.389	2.694	3.337	3.127	1.989	1.827	80- 90	6.221	187.6	95.8,95.8
100	0.8242	1.080	1.513	1.107	0.7322	1.362	1.863	1.425	90-100	1.545	189.2	96.6,96.6
110	0.9280	1.136	1.458	1.155	0.8015	1.269	1.730	1.354	100-110	1.309	190.5	97.3,97.3
120	1.035	1.199	1.438	1.211	0.9081	1.204	1.525	1.282	110-120	1.216	191.7	97.9,97.9
130	1.139	1.253	1.418	1.256	1.015	1.191	1.386	1.241	120-130	1.102	192.8	98.5,98.5
140	1.236	1.302	1.401	1.299	1.133	1.233	1.326	1.264	130-140	0.9701	193.8	99,99
150	1.334	1.354	1.412	1.361	1.254	1.300	1.320	1.319	140-150	0.8163	194.6	99.4,99.4
160	1.421	1.442	1.473	1.458	1.372	1.403	1.401	1.413	150-160	0.6357	195.2	99.7,99.7
170	1.496	1.517	1.554	1.529	1.476	1.495	1.507	1.503	160-170	0.4152	195.6	99.9,99.9
180	1.528	1.546	1.568	1.562	1.531	1.550	1.565	1.557	170-180	0.1460	195.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 96.537 lm

%lum = 49.3%

%lamp = 49.3%

Conical surface Flux(130deg): 154.98 lm

%lum = 79.2%

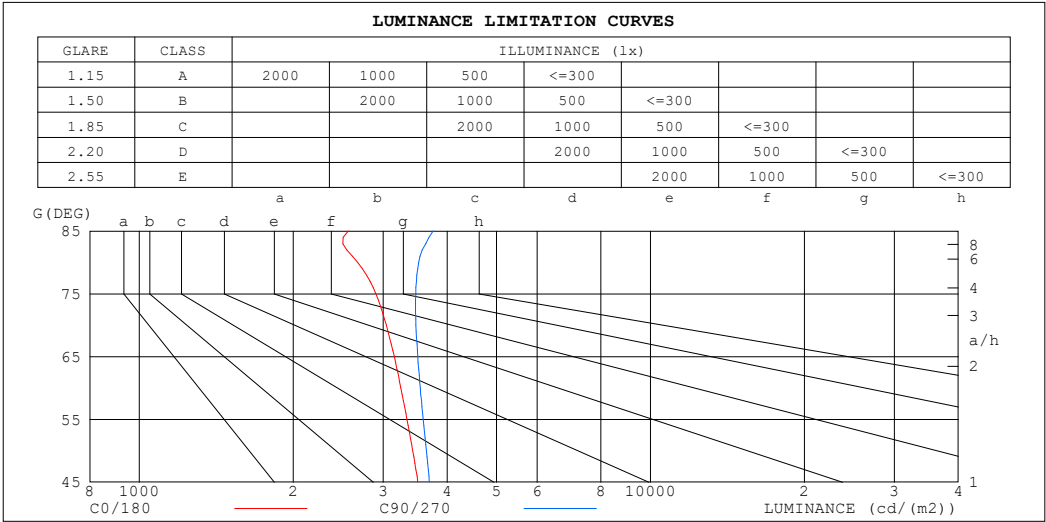
%lamp = 79.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2561	3754
80	2672	3519
75	2901	3475
70	3042	3476
65	3152	3505
60	3249	3544
55	3339	3592
50	3426	3642
45	3507	3693

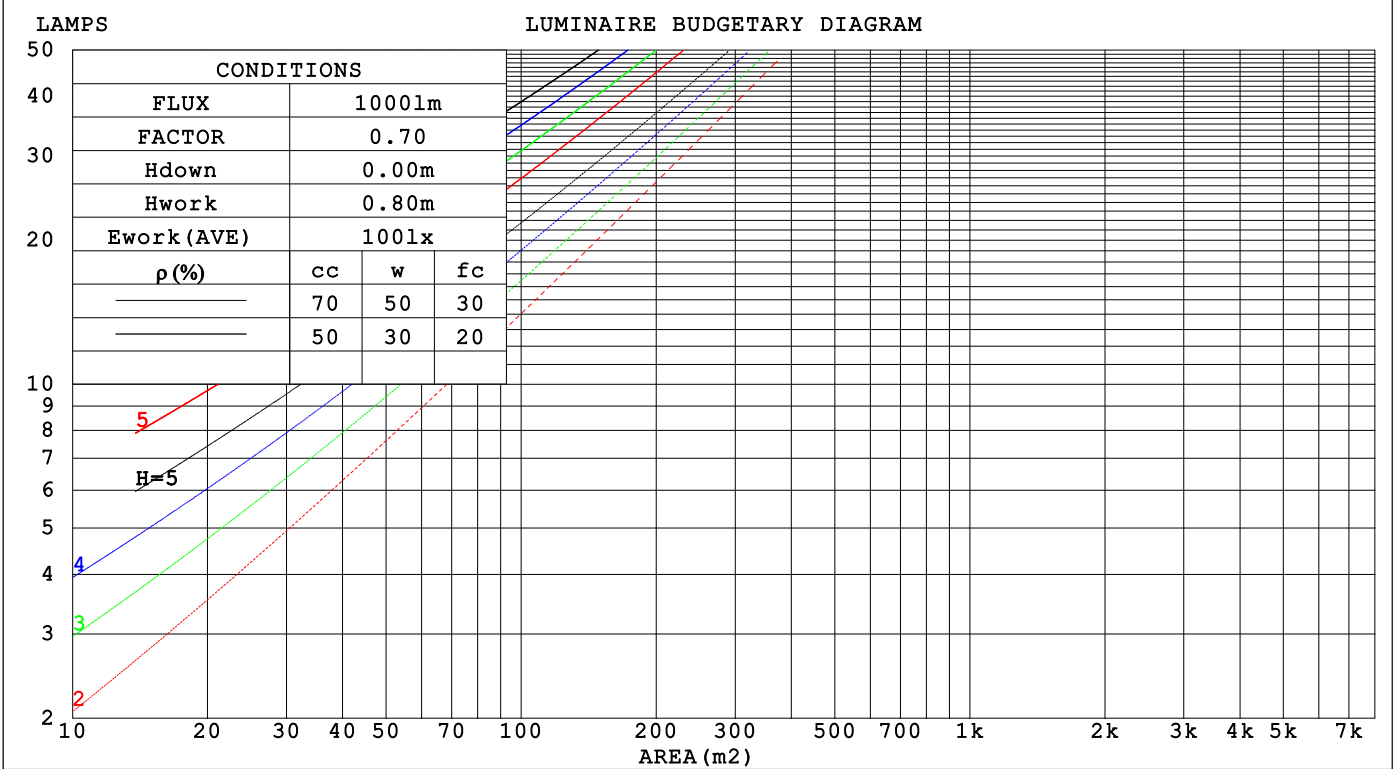
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz		
Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	.76	.72	.78	.73	.69	.74	.71	.67	.65
3.0	.77	.69	.62	.75	.68	.61	.72	.65	.60	.68	.63	.58	.65	.61	.57	.54
4.0	.68	.59	.52	.67	.58	.52	.64	.56	.51	.61	.55	.50	.58	.53	.48	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.49	.44	.55	.48	.43	.52	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.51	.44	.38	.49	.43	.38	.47	.41	.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	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.42	.33	.28	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.24
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:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	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	.328	.187	.059	.320	.183	.058	.304	.175	.056	.290	.167	.054	.277	.160	.052															
2.0	.302	.166	.051	.295	.162	.050	.281	.156	.048	.268	.150	.047	.256	.145	.046															
3.0	.277	.147	.044	.270	.145	.044	.258	.140	.042	.246	.135	.041	.235	.130	.040															
4.0	.254	.132	.039	.248	.130	.038	.236	.125	.037	.226	.121	.037	.217	.118	.036															
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.200	.107	.032															
6.0	.216	.108	.031	.211	.107	.031	.202	.104	.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	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.085	.025	.162	.083	.024															
9.0	.175	.084	.024	.171	.083	.023	.165	.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	.222	.222	.222	.190	.190	.190	.130	.130	.130	.074	.074	.074	.024	.024	.024	
1.0	.214	.188	.165	.183	.161	.142	.125	.111	.098	.072	.064	.057	.023	.021	.018	
2.0	.206	.164	.129	.176	.141	.111	.121	.098	.078	.070	.057	.046	.022	.018	.015	
3.0	.198	.147	.106	.170	.127	.092	.117	.088	.064	.067	.051	.038	.022	.017	.012	
4.0	.190	.134	.090	.163	.115	.078	.112	.080	.055	.065	.047	.033	.021	.015	.011	
5.0	.183	.123	.079	.157	.107	.069	.108	.075	.049	.063	.044	.029	.020	.014	.010	
6.0	.176	.115	.072	.151	.100	.062	.104	.070	.044	.060	.041	.026	.020	.013	.009	
7.0	.169	.108	.066	.145	.094	.057	.100	.066	.041	.058	.039	.024	.019	.013	.008	
8.0	.162	.102	.061	.140	.089	.054	.097	.062	.038	.056	.037	.023	.018	.012	.007	
9.0	.156	.098	.058	.134	.085	.051	.093	.060	.036	.054	.035	.021	.018	.012	.007	
10.0	.150	.093	.055	.130	.081	.048	.090	.057	.034	.052	.034	.020	.017	.011	.007	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm											
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W						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	22.2	23.7	22.5	24.0	24.3	22.5	24.0	22.9	24.3	24.6
	3H	23.8	25.1	24.1	25.5	25.8	24.2	25.6	24.6	25.9	26.2
	4H	24.4	25.7	24.8	26.0	26.4	25.0	26.3	25.4	26.6	27.0
	6H	24.9	26.1	25.3	26.5	26.8	25.6	26.9	26.0	27.2	27.6
	8H	25.0	26.2	25.5	26.6	27.0	25.9	27.1	26.3	27.4	27.8
	12H	25.2	26.3	25.6	26.7	27.1	26.1	27.2	26.5	27.6	28.0
4H	2H	22.9	24.2	23.2	24.5	24.8	23.1	24.4	23.5	24.7	25.1
	3H	24.6	25.7	25.0	26.1	26.5	25.0	26.1	25.4	26.5	26.9
	4H	25.4	26.4	25.8	26.8	27.2	25.9	26.9	26.3	27.3	27.7
	6H	26.0	26.9	26.4	27.3	27.8	26.7	27.6	27.1	28.0	28.5
	8H	26.2	27.1	26.7	27.5	28.0	27.0	27.9	27.5	28.3	28.8
	12H	26.3	27.1	26.8	27.6	28.1	27.3	28.1	27.7	28.5	29.0
8H	4H	25.7	26.6	26.2	27.0	27.5	26.1	27.0	26.6	27.5	27.9
	6H	26.5	27.2	27.0	27.7	28.2	27.1	27.8	27.6	28.3	28.8
	8H	26.8	27.4	27.3	27.9	28.4	27.5	28.2	28.0	28.7	29.2
	12H	27.0	27.6	27.5	28.1	28.7	27.9	28.4	28.4	29.0	29.5
12H	4H	25.7	26.5	26.2	27.0	27.5	26.1	26.9	26.6	27.4	27.9
	6H	26.6	27.2	27.1	27.7	28.2	27.1	27.8	27.7	28.3	28.8
	8H	26.9	27.5	27.4	28.0	28.5	27.6	28.2	28.2	28.7	29.3
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, 195.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.7)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

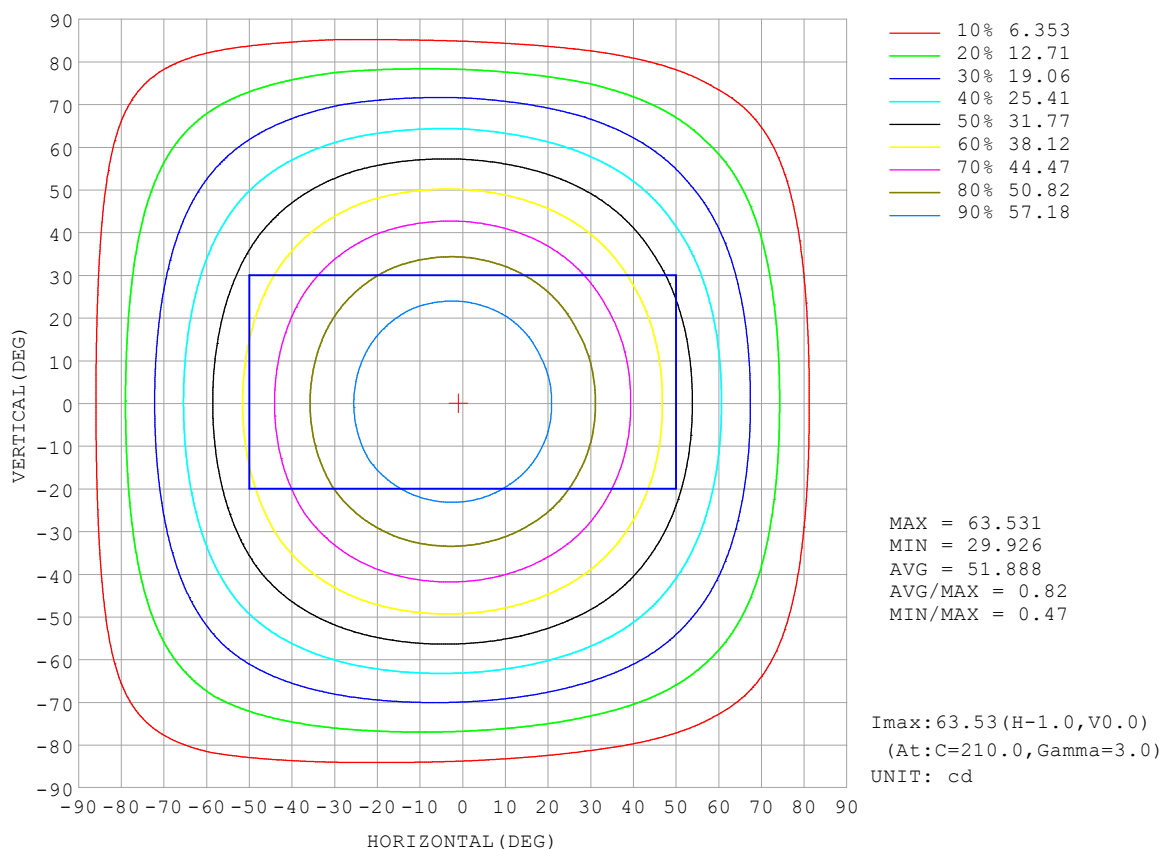
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	73	62	54	72	61	54	69	62	53	46
1.25	80	69	62	79	69	62	76	67	60	52
1.50	85	75	68	84	74	67	80	72	66	57
2.00	92	83	76	90	82	75	86	79	74	65
2.50	96	88	82	94	87	81	90	83	78	69
3.00	100	93	87	97	91	85	93	87	83	73
4.00	104	98	93	101	96	91	96	92	88	78
5.00	107	101	97	104	99	95	99	95	91	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: 2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

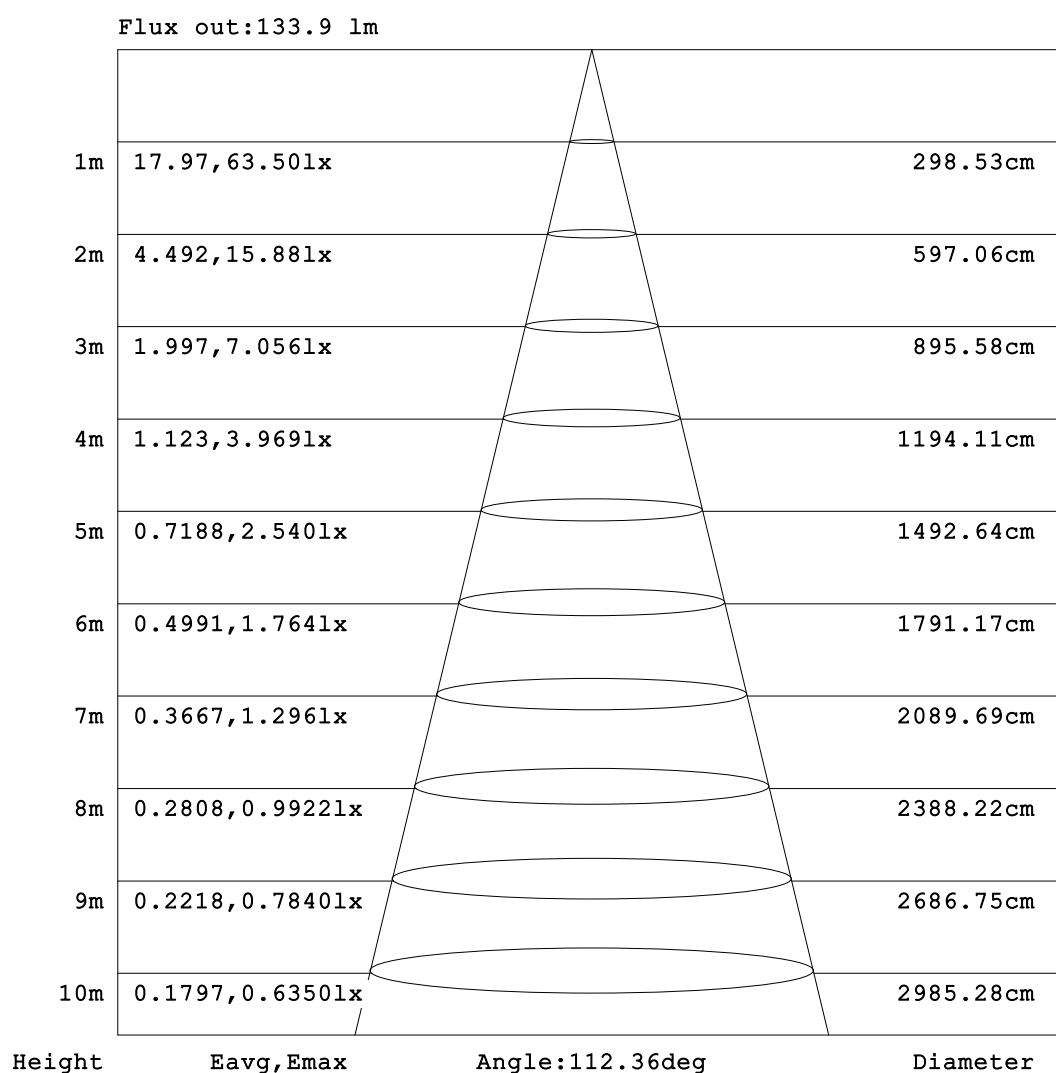


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



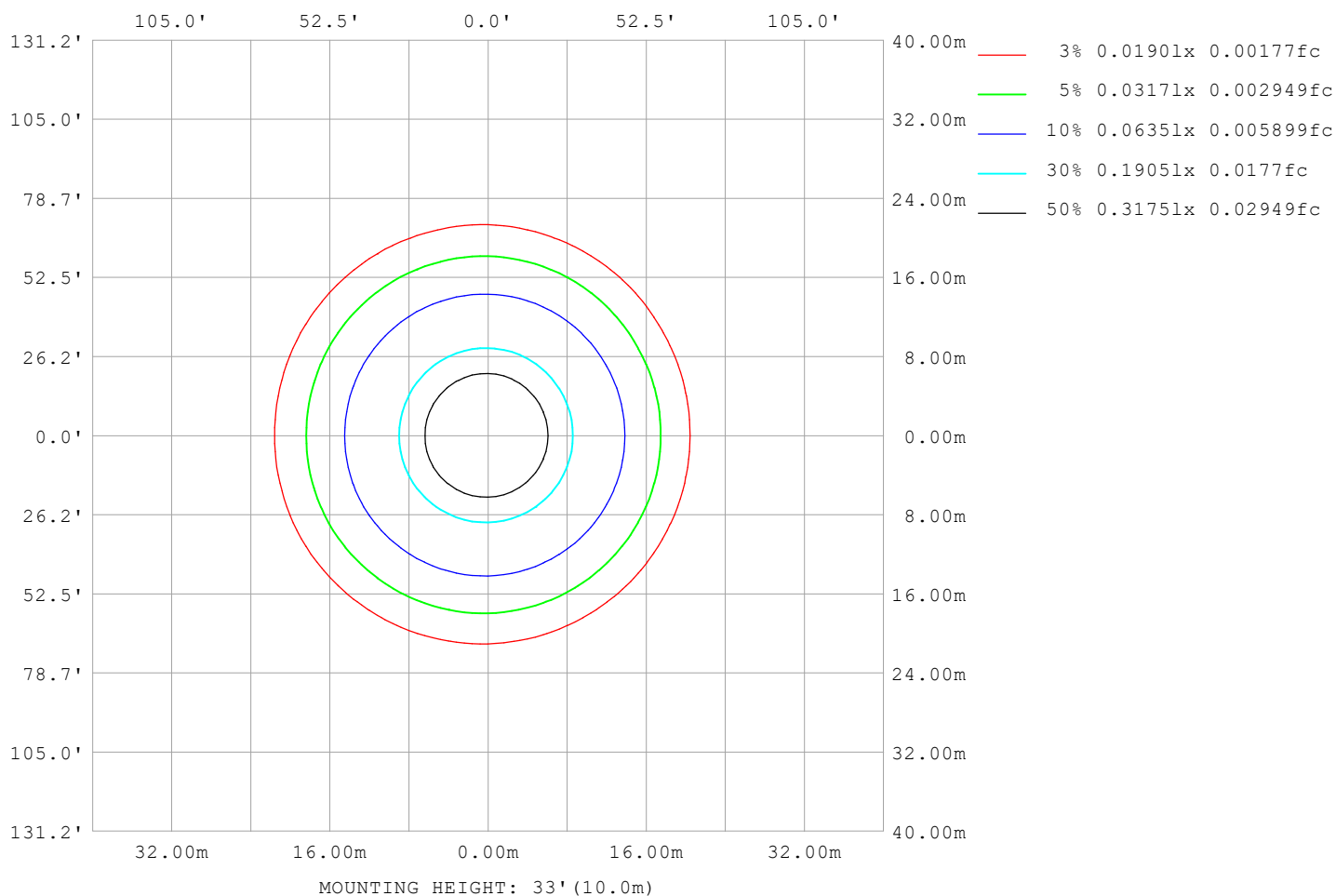
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	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: 2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

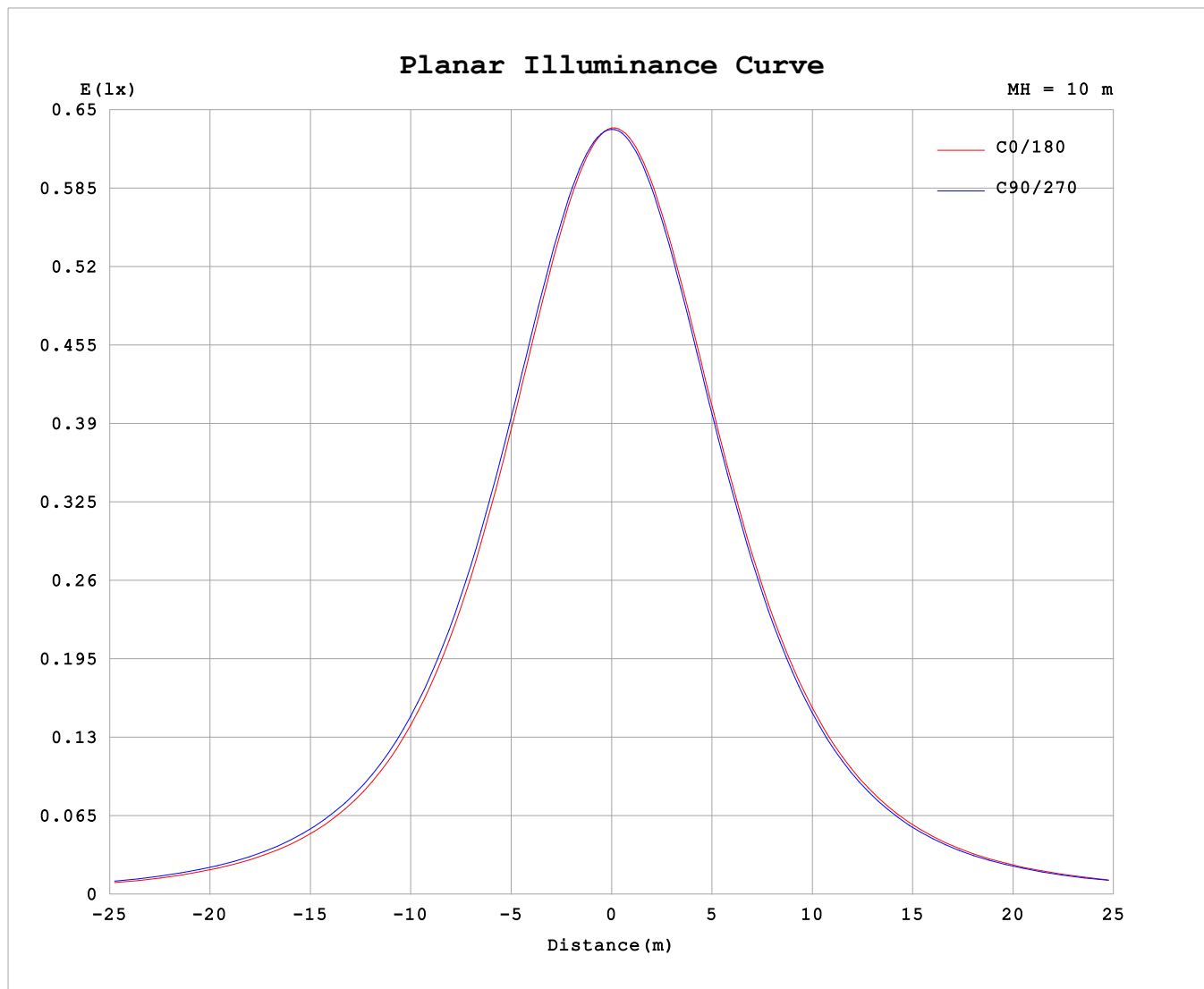
AvgL	cd/m2
L_0~180 (65) av	3479
L_0~180 (75) av	3430
L_0~180 (85) av	3845
L_90~270 (65) av	3586
L_90~270 (75) av	3646
L_90~270 (85) av	4086
L_45 (65) av	3537
L_45 (75) av	3554
L_45 (85) av	3963

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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: 2025-02-25

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:0.2024A P:4.858W PF:1.000 Freq:0Hz Lamp Flux:195.787x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: Olym pia lighting	SUR.:	Shielding Angle:

Table--1

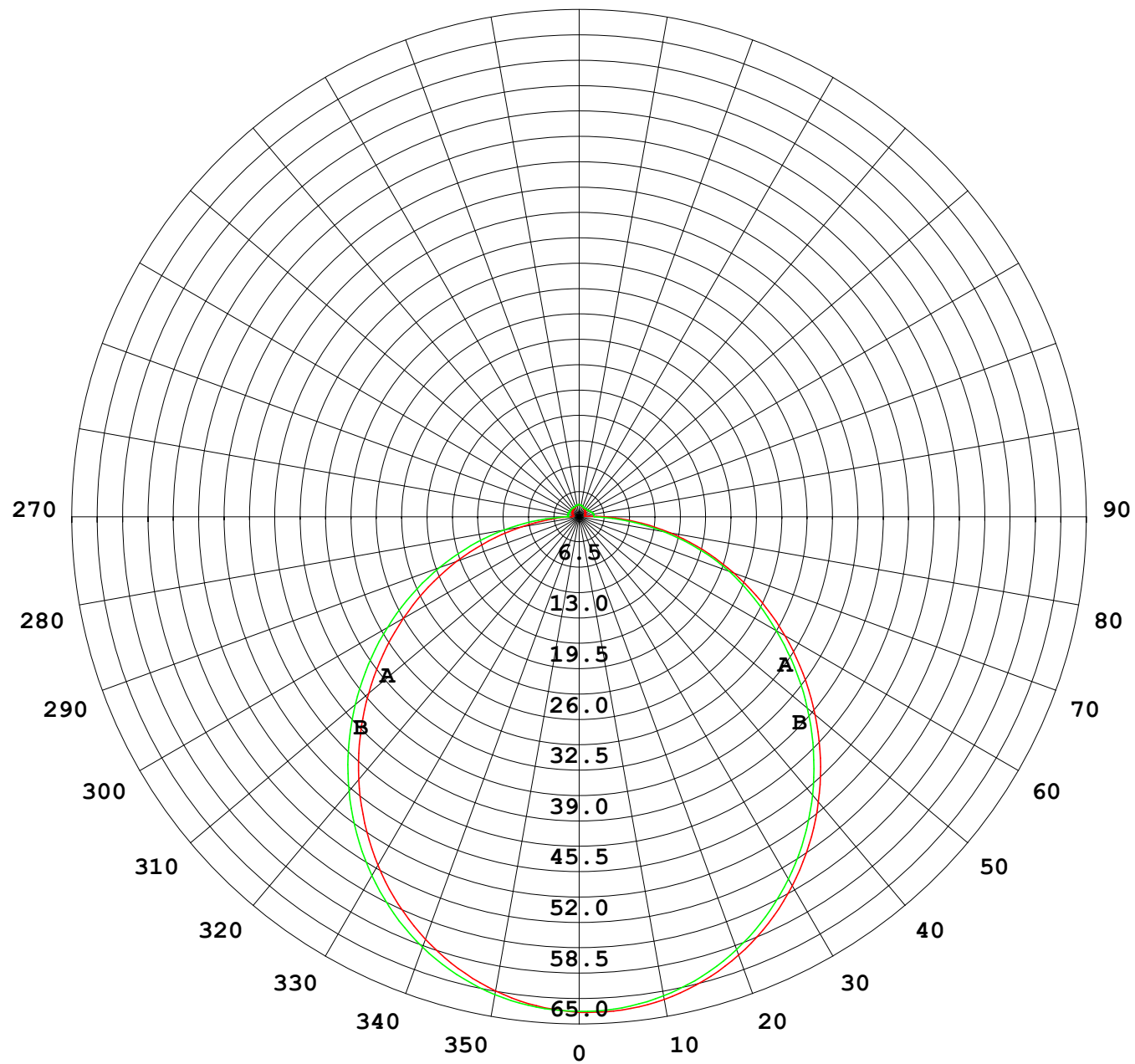
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4							
5	62.8	62.9	63.0	63.1	63.3	63.3	63.4	63.4	63.3	63.2	63.0	62.9							
10	61.6	61.8	61.9	62.2	62.5	62.7	62.7	62.7	62.6	62.4	62.1	61.7							
15	59.8	60.0	60.3	60.7	61.2	61.5	61.5	61.5	61.3	61.0	60.5	60.0							
20	57.5	57.8	58.1	58.7	59.3	59.7	59.7	59.7	59.5	59.0	58.5	57.8							
25	54.8	55.0	55.5	56.2	56.8	57.4	57.4	57.4	57.2	56.6	55.9	55.0							
30	51.5	51.8	52.4	53.1	54.0	54.6	54.5	54.6	54.3	53.7	52.8	51.8							
35	47.9	48.2	48.8	49.7	50.6	51.3	51.3	51.4	51.1	50.3	49.3	48.2							
40	43.9	44.2	44.9	45.9	46.9	47.7	47.6	47.7	47.4	46.6	45.5	44.3							
45	39.6	40.0	40.7	41.8	42.8	43.7	43.7	43.7	43.4	42.5	41.4	40.1							
50	35.2	35.6	36.4	37.5	38.5	39.4	39.4	39.5	39.2	38.2	37.0	35.7							
55	30.6	31.0	31.8	33.0	34.1	35.0	35.0	35.1	34.7	33.7	32.5	31.1							
60	26.0	26.3	27.2	28.4	29.5	30.4	30.4	30.5	30.2	29.2	27.9	26.5							
65	21.3	21.6	22.5	23.7	24.8	25.7	25.8	25.9	25.6	24.8	23.4	21.8							
70	16.6	17.0	17.9	19.0	20.1	21.0	21.1	21.2	21.2	20.5	19.0	17.2							
75	12.0	12.3	13.2	14.4	15.4	16.3	16.4	16.5	16.7	15.8	14.5	12.6							
80	7.42	7.72	8.64	9.78	10.8	11.7	11.8	11.9	11.9	11.0	9.74	7.99							
85	3.57	3.59	4.10	5.24	6.23	7.06	7.16	7.26	7.10	6.16	5.00	3.88							
90	1.40	1.36	1.46	1.39	2.27	3.12	3.34	3.38	2.88	1.99	2.00	1.66							
95	0.79	0.85	1.23	1.49	1.27	0.98	0.96	1.21	1.63	1.92	1.69	1.16							
100	0.82	0.90	1.26	1.51	1.28	0.93	0.73	1.11	1.62	1.86	1.69	1.16							
105	0.88	0.94	1.27	1.51	1.30	0.96	0.76	1.09	1.54	1.82	1.63	1.18							
110	0.93	0.98	1.29	1.46	1.31	1.00	0.80	1.08	1.46	1.73	1.53	1.18							
115	0.98	1.03	1.30	1.45	1.32	1.04	0.85	1.07	1.39	1.62	1.45	1.18							
120	1.03	1.08	1.32	1.44	1.34	1.08	0.91	1.07	1.33	1.53	1.39	1.18							
125	1.09	1.13	1.33	1.43	1.34	1.13	0.95	1.08	1.30	1.45	1.34	1.17							
130	1.14	1.17	1.33	1.42	1.34	1.17	1.01	1.10	1.28	1.39	1.31	1.18							
135	1.19	1.22	1.33	1.40	1.34	1.21	1.07	1.14	1.28	1.35	1.30	1.20							
140	1.24	1.27	1.33	1.40	1.34	1.26	1.13	1.18	1.29	1.33	1.31	1.22							
145	1.29	1.31	1.33	1.40	1.35	1.30	1.19	1.22	1.30	1.32	1.31	1.26							
150	1.33	1.35	1.35	1.41	1.37	1.35	1.25	1.27	1.33	1.32	1.34	1.30							
155	1.38	1.40	1.39	1.44	1.40	1.41	1.31	1.32	1.37	1.35	1.38	1.34							
160	1.42	1.45	1.43	1.47	1.45	1.46	1.37	1.38	1.43	1.40	1.43	1.40							
165	1.46	1.49	1.48	1.52	1.49	1.50	1.43	1.43	1.48	1.46	1.48	1.45							
170	1.50	1.52	1.51	1.55	1.52	1.54	1.48	1.47	1.52	1.51	1.52	1.48							
175	1.52	1.54	1.54	1.57	1.55	1.56	1.52	1.51	1.55	1.54	1.55	1.52							
180	1.53	1.54	1.55	1.57	1.56	1.56	1.53	1.54	1.56	1.57	1.57	1.55							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

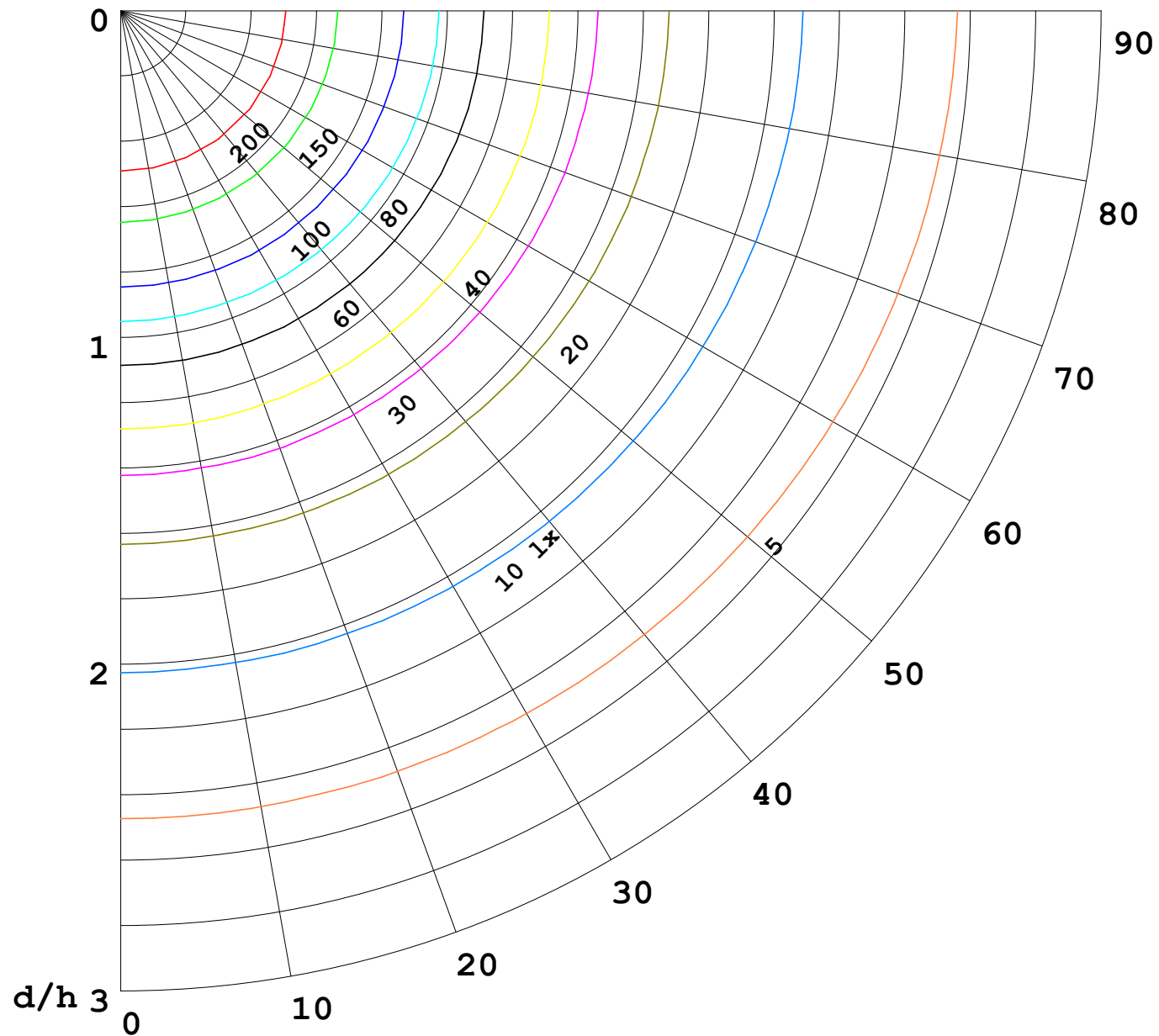
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks:

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

