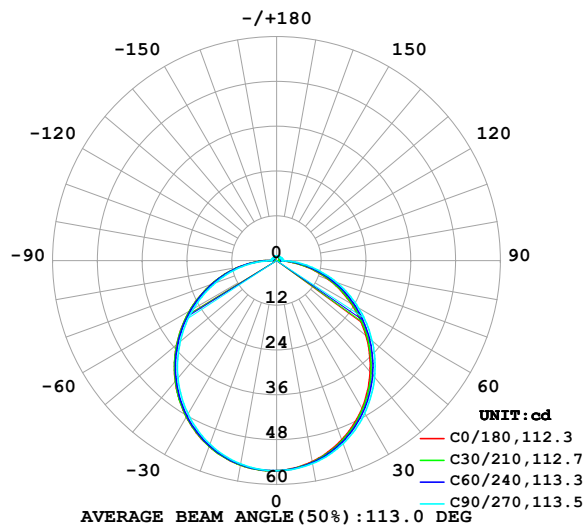


LUMINAIRE PHOTOMETRIC TEST REPORT

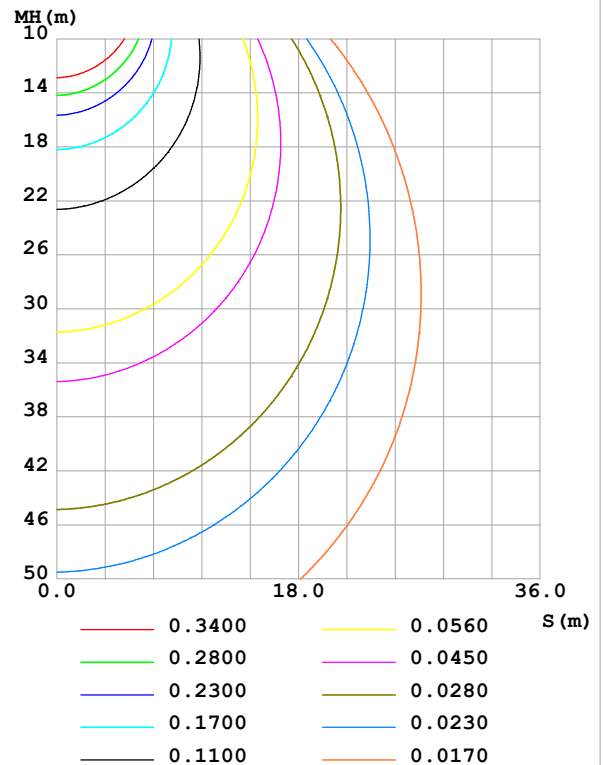
Test:U:24.00V I:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 38.52 lm/W
MODEL	5050	Imax (cd)	56.35	S/MH(C0/180)	1.28	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	173.44	η UP,DN(C0-180)	2.1,47.3	
NOMINAL FLUX(lm)	173.443	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.1,48.5	
LAMPS INSIDE	1	η up (%)	4.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down (%)	95.9	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	54.72	54.94	55.25	55.59	55.67	55.59	55.34	54.94	0- 10	5.325	5.325	3.07,3.07
20	51.11	51.52	52.18	52.83	52.97	52.84	52.33	51.54	10- 20	15.23	20.55	11.8,11.8
30	45.78	46.32	47.26	48.20	48.40	48.22	47.48	46.37	20- 30	23.01	43.56	25.1,25.1
40	39.01	39.69	40.86	42.00	42.24	42.04	41.16	39.75	30- 40	27.66	71.22	41.1,41.1
50	31.29	32.07	33.41	34.66	34.94	34.72	33.72	32.16	40- 50	28.71	99.93	57.6,57.6
60	23.10	23.91	25.33	26.61	26.91	26.71	25.69	24.02	50- 60	26.28	126.2	72.8,72.8
70	14.80	15.60	17.06	18.30	18.62	18.44	17.44	15.77	60- 70	20.95	147.2	84.8,84.8
80	6.648	7.413	8.920	10.06	10.36	10.28	9.453	7.648	70- 80	13.63	160.8	92.7,92.7
90	1.260	1.340	1.482	2.478	2.920	2.606	1.526	1.496	80- 90	5.496	166.3	95.9,95.9
100	0.7091	1.020	1.505	1.074	0.6343	1.095	1.516	1.139	90-100	1.353	167.6	96.7,96.7
110	0.8128	1.058	1.447	1.096	0.7035	1.051	1.404	1.109	100-110	1.148	168.8	97.3,97.3
120	0.9051	1.094	1.363	1.122	0.7958	1.026	1.291	1.077	110-120	1.074	169.9	97.9,97.9
130	0.9916	1.127	1.299	1.129	0.8938	1.036	1.201	1.074	120-130	0.9747	170.8	98.5,98.5
140	1.078	1.147	1.230	1.146	0.9889	1.071	1.161	1.103	130-140	0.8542	171.7	99,99
150	1.159	1.180	1.225	1.184	1.096	1.137	1.155	1.149	140-150	0.7137	172.4	99.4,99.4
160	1.240	1.258	1.288	1.269	1.199	1.222	1.227	1.231	150-160	0.5546	173.0	99.7,99.7
170	1.309	1.323	1.357	1.332	1.294	1.306	1.314	1.312	160-170	0.3624	173.3	99.9,99.9
180	1.335	1.349	1.366	1.360	1.335	1.348	1.366	1.358	170-180	0.1274	173.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 85.669 lm

%lum = 49.4%

%lamp = 49.4%

Conical surface Flux(130deg): 137.49 lm

%lum = 79.3%

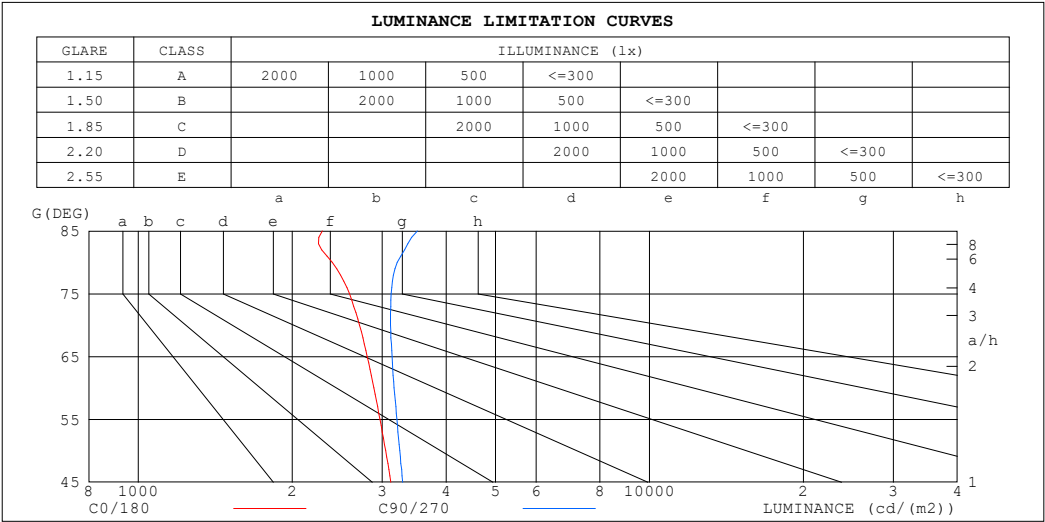
%lamp = 79.3%

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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2290	3517
80	2395	3209
75	2587	3125
70	2708	3116
65	2804	3135
60	2890	3165
55	2970	3203
50	3046	3246
45	3117	3289

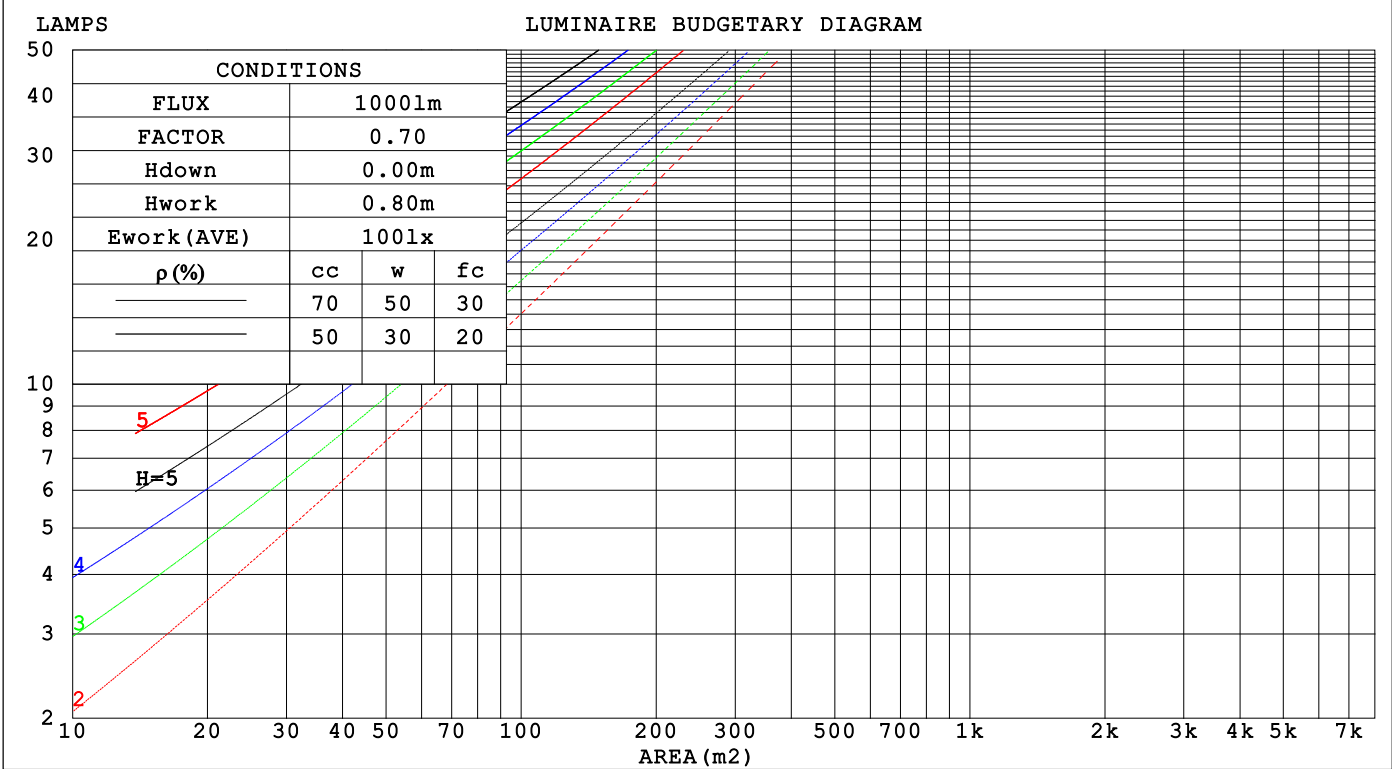
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-02-25

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:0.1876A P:4.503W PF:1.000 Freq:0Hz		
Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	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	1.03	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	.69	.63	.58	.65	.61	.57	.54
4.0	.68	.59	.53	.67	.58	.52	.64	.56	.51	.61	.55	.50	.58	.53	.48	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.51	.44	.38	.49	.43	.38	.47	.42	.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	.25
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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	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	.182	.058	.304	.174	.056	.290	.167	.054	.276	.160	.052															
2.0	.302	.165	.051	.295	.162	.050	.281	.156	.048	.268	.150	.047	.256	.145	.046															
3.0	.276	.147	.044	.270	.144	.043	.257	.139	.042	.246	.135	.041	.235	.130	.040															
4.0	.253	.132	.039	.247	.130	.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	.216	.108	.031	.211	.107	.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	.187	.091	.026	.183	.090	.025	.175	.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	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.213	.188	.165	.182	.161	.142	.125	.111	.098	.072	.064	.057	.023	.021	.018	
2.0	.206	.164	.129	.176	.141	.111	.121	.098	.078	.070	.057	.045	.022	.018	.015	
3.0	.198	.146	.105	.170	.126	.091	.116	.088	.064	.067	.051	.038	.022	.017	.012	
4.0	.190	.133	.090	.163	.115	.078	.112	.080	.055	.065	.047	.033	.021	.015	.011	
5.0	.183	.123	.079	.157	.106	.069	.108	.074	.049	.063	.044	.029	.020	.014	.010	
6.0	.175	.115	.071	.151	.099	.062	.104	.070	.044	.060	.041	.026	.019	.013	.009	
7.0	.168	.108	.066	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
8.0	.162	.102	.061	.139	.089	.053	.096	.062	.038	.056	.037	.023	.018	.012	.007	
9.0	.156	.097	.058	.134	.084	.050	.093	.059	.036	.054	.035	.021	.018	.012	.007	
10.0	.150	.093	.055	.129	.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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm											
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G						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	22.3	23.7	22.6	24.0	24.3	22.6	24.1	22.9	24.4	24.6
	3H	23.8	25.2	24.2	25.5	25.8	24.3	25.7	24.7	26.0	26.3
	4H	24.5	25.8	24.8	26.1	26.4	25.1	26.4	25.4	26.7	27.0
	6H	24.9	26.2	25.3	26.5	26.9	25.7	27.0	26.1	27.3	27.7
	8H	25.1	26.3	25.5	26.6	27.0	26.0	27.2	26.4	27.5	27.9
	12H	25.2	26.4	25.6	26.7	27.1	26.2	27.4	26.6	27.7	28.1
4H	2H	22.9	24.2	23.3	24.5	24.9	23.2	24.5	23.5	24.8	25.1
	3H	24.6	25.8	25.1	26.2	26.6	25.1	26.2	25.5	26.6	27.0
	4H	25.4	26.5	25.9	26.9	27.3	26.0	27.0	26.4	27.4	27.8
	6H	26.0	27.0	26.5	27.4	27.9	26.8	27.7	27.2	28.1	28.6
	8H	26.3	27.1	26.7	27.6	28.0	27.1	28.0	27.6	28.4	28.9
	12H	26.4	27.2	26.9	27.7	28.2	27.4	28.2	27.9	28.7	29.2
8H	4H	25.8	26.6	26.2	27.1	27.5	26.2	27.1	26.7	27.5	28.0
	6H	26.5	27.3	27.0	27.7	28.3	27.2	27.9	27.7	28.4	28.9
	8H	26.8	27.5	27.4	28.0	28.5	27.6	28.3	28.2	28.8	29.3
	12H	27.1	27.6	27.6	28.2	28.7	28.1	28.6	28.6	29.1	29.7
12H	4H	25.8	26.6	26.3	27.0	27.5	26.2	27.0	26.7	27.5	28.0
	6H	26.6	27.3	27.1	27.8	28.3	27.3	27.9	27.8	28.4	28.9
	8H	27.0	27.5	27.5	28.1	28.6	27.8	28.3	28.3	28.8	29.4
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, 173.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.1)
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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

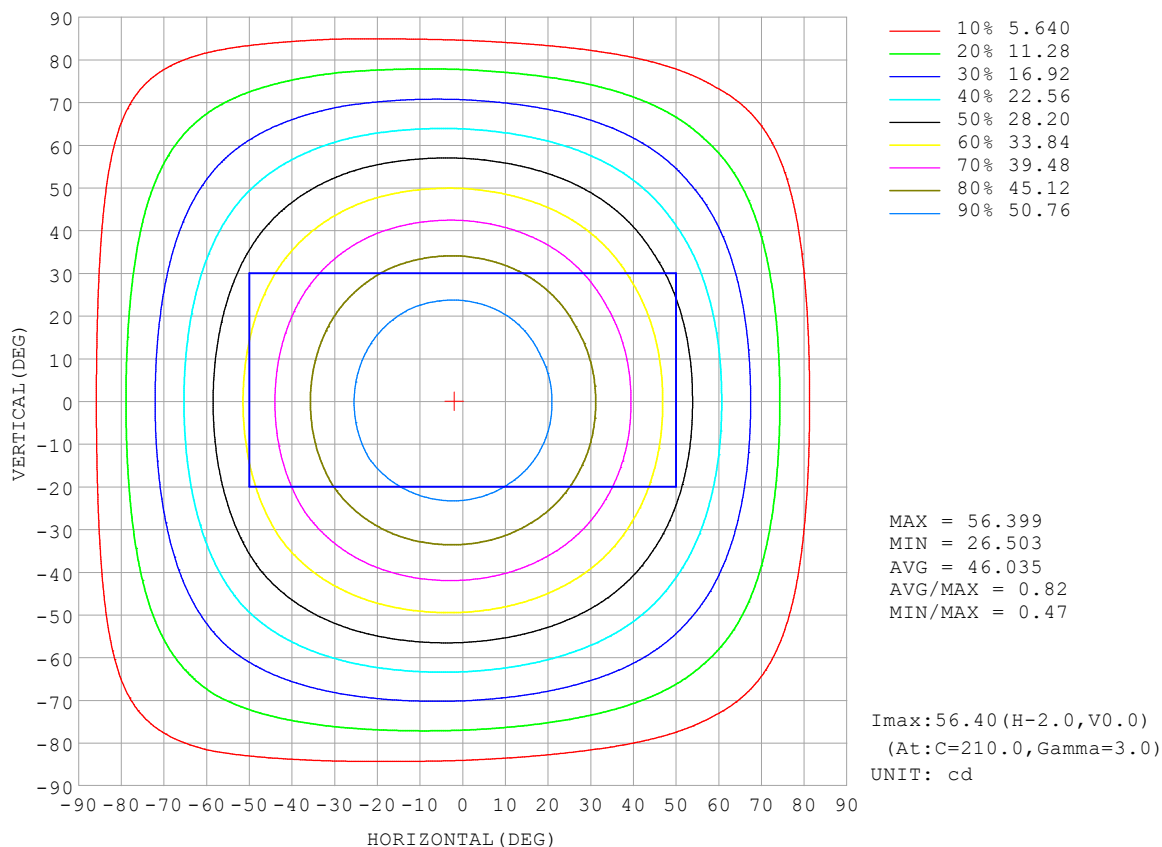
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	73	62	54	72	61	54	69	62	53	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	80	72	66	57
2.00	92	83	77	90	82	76	86	79	74	65
2.50	97	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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

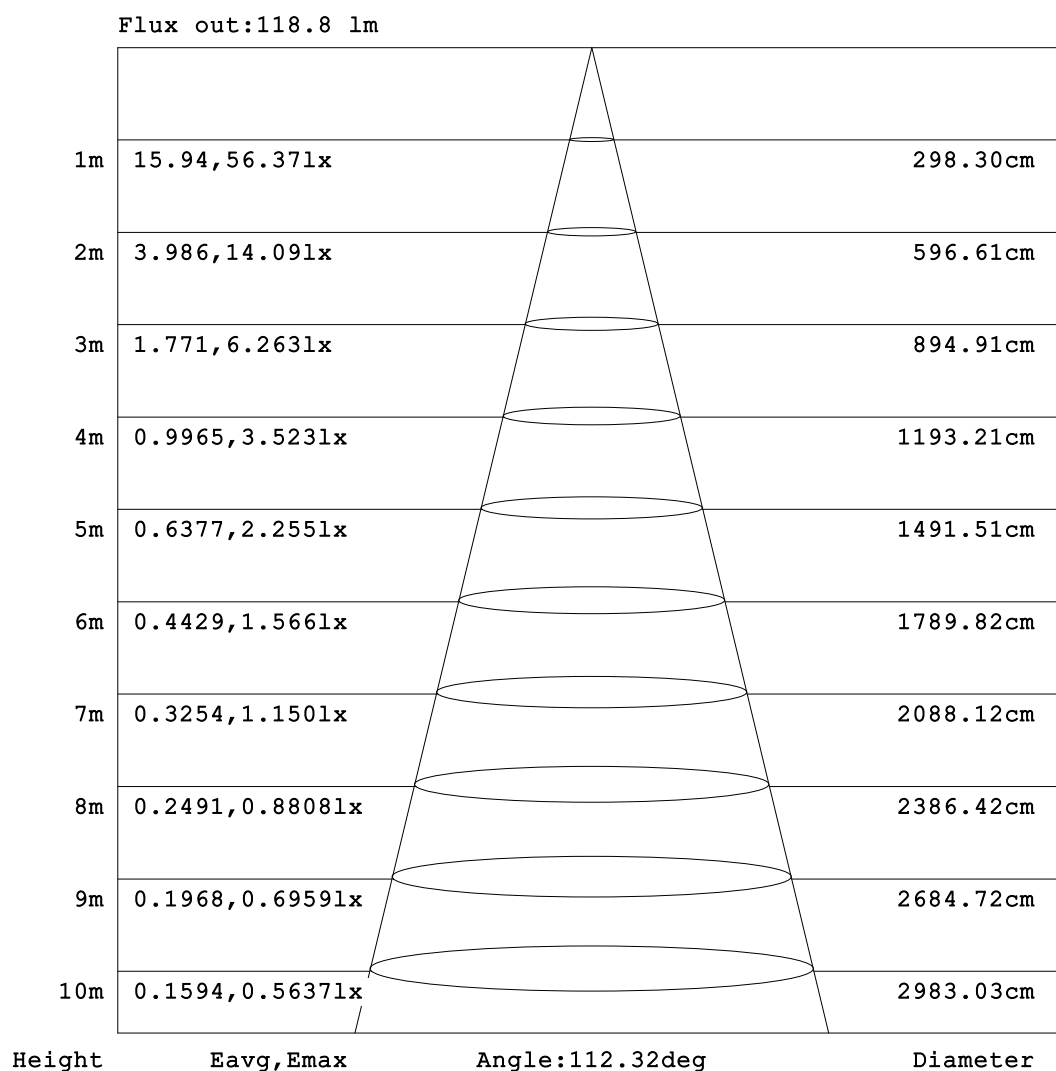


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2025-02-25

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:

AAI Figure

Test:U:24.00V I:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443lx 1m		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



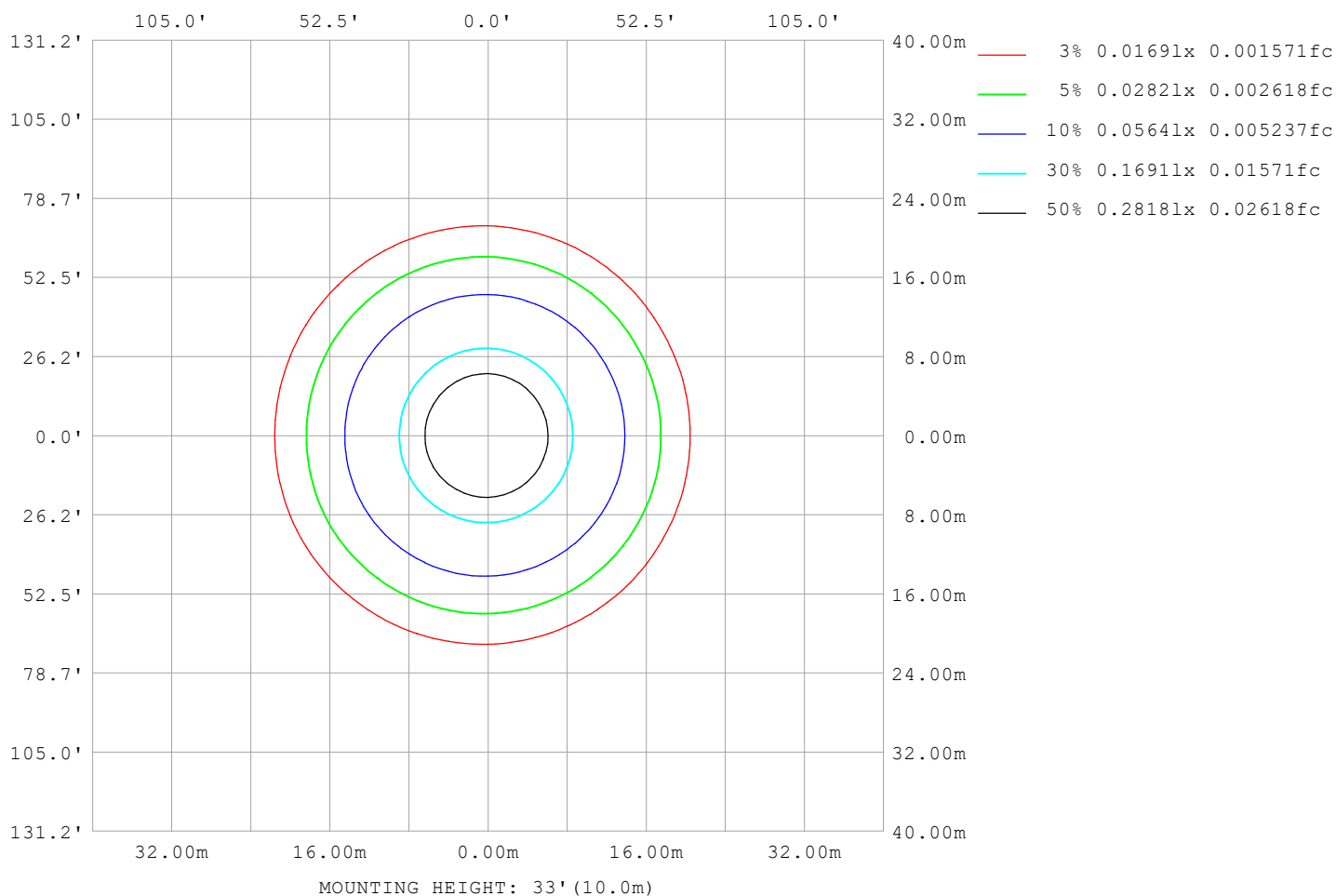
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

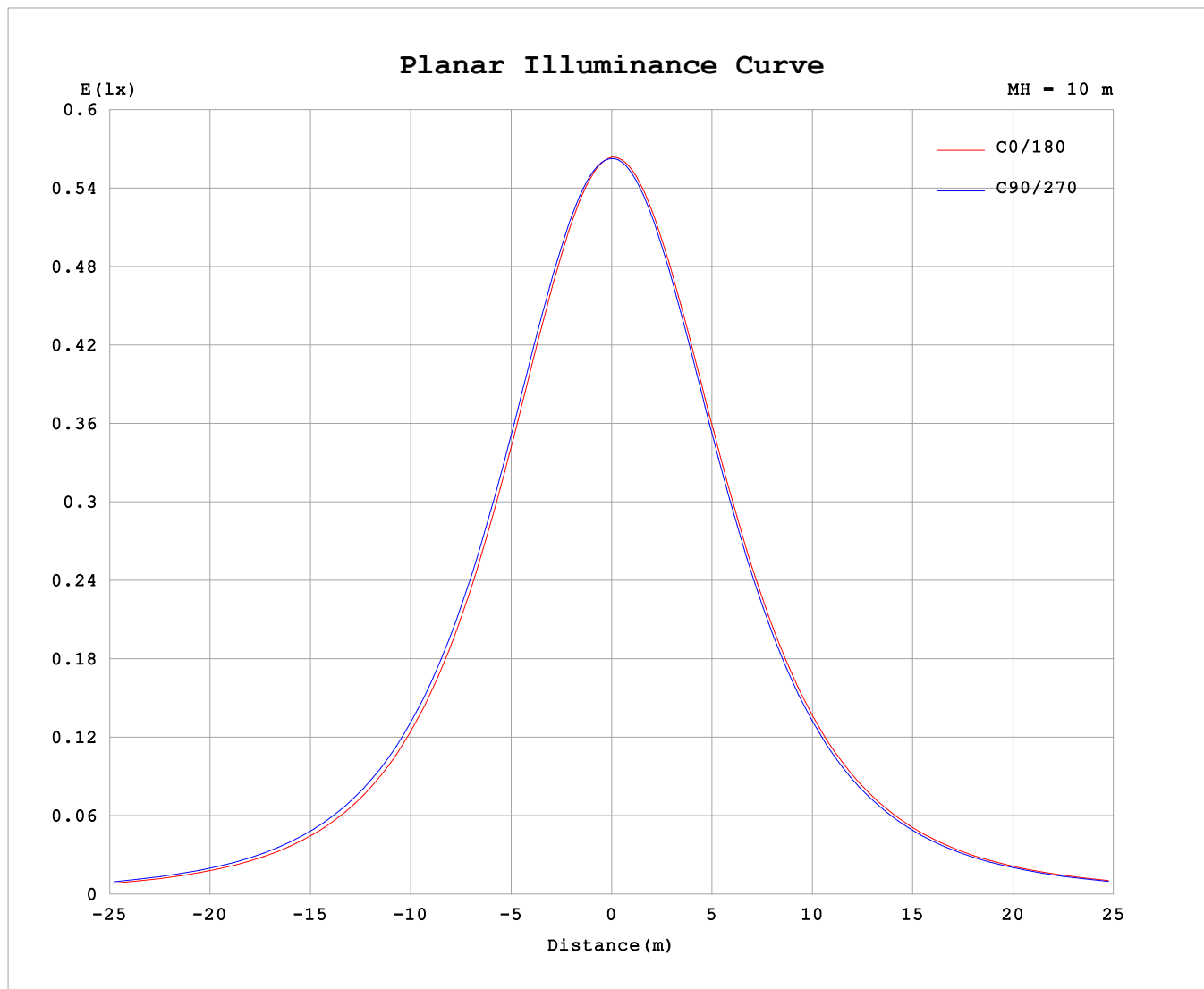
AvgL	cd/m2
L_0~180 (65) av	3086
L_0~180 (75) av	3039
L_0~180 (85) av	3393
L_90~270 (65) av	3164
L_90~270 (75) av	3185
L_90~270 (85) av	3646
L_45 (65) av	3133
L_45 (75) av	3123
L_45 (85) av	3495

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:0.1876A P:4.503W PF:1.000 Freq:0Hz Lamp Flux:173.443x1 lm		
NAME: SF16-24V-5050-72-RGBW(2700K)-80-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: Olym pia lighting	SUR.:	Shielding Angle:

Table--1

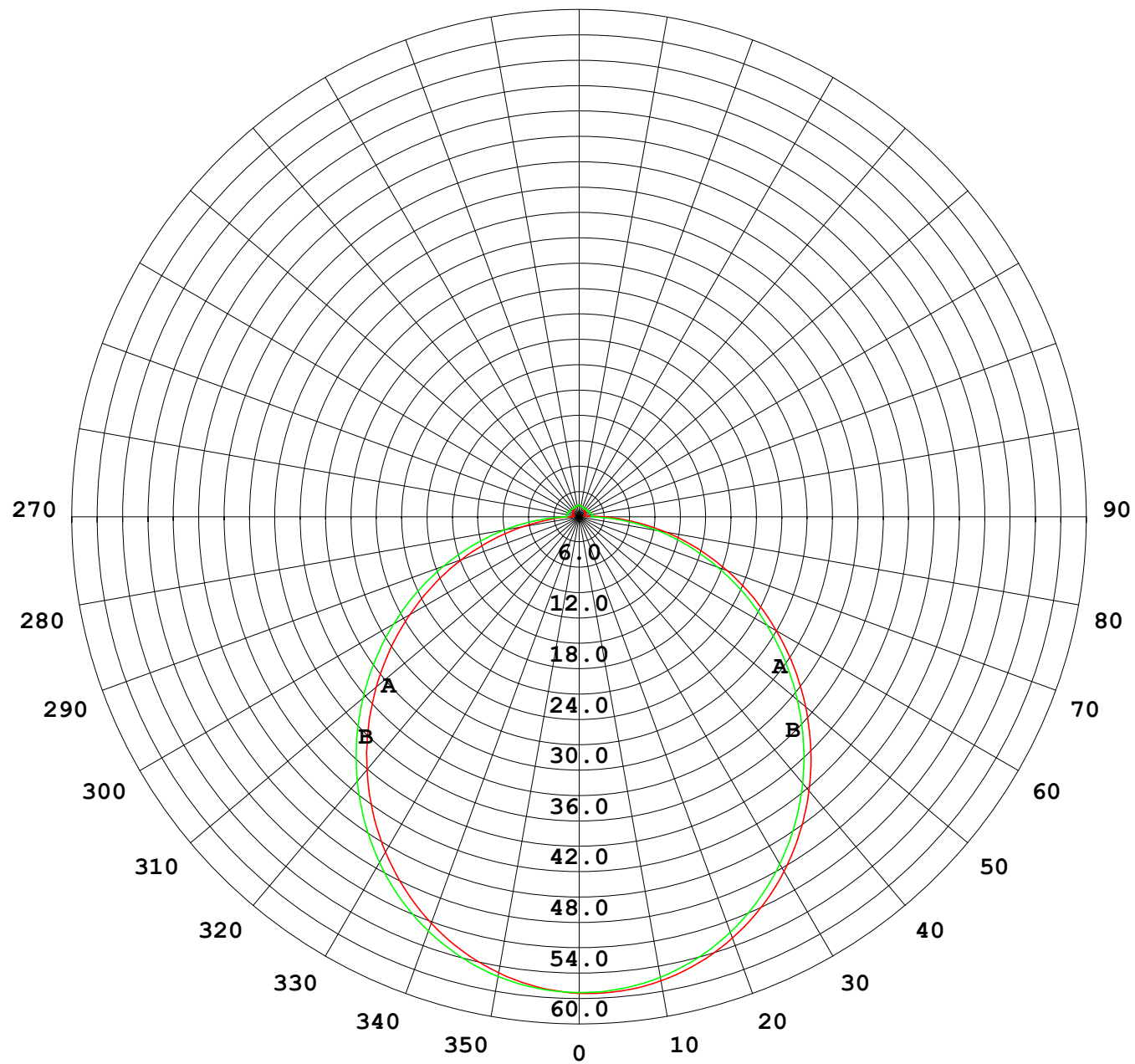
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3						
5	55.8	55.9	55.9	56.0	56.2	56.2	56.2	56.3	56.2	56.1	55.9	55.8						
10	54.7	54.9	55.0	55.3	55.5	55.7	55.7	55.7	55.5	55.3	55.1	54.8						
15	53.1	53.4	53.6	54.0	54.3	54.6	54.6	54.5	54.4	54.1	53.7	53.3						
20	51.1	51.4	51.7	52.2	52.6	53.0	53.0	52.9	52.7	52.3	51.8	51.2						
25	48.6	48.9	49.3	49.9	50.5	51.0	50.9	50.9	50.6	50.1	49.5	48.8						
30	45.8	46.1	46.6	47.3	47.9	48.5	48.4	48.4	48.1	47.5	46.8	46.0						
35	42.5	42.9	43.5	44.2	45.0	45.6	45.5	45.5	45.1	44.5	43.7	42.8						
40	39.0	39.4	40.0	40.9	41.7	42.3	42.2	42.2	41.9	41.2	40.3	39.2						
45	35.2	35.6	36.3	37.2	38.1	38.8	38.7	38.7	38.3	37.5	36.6	35.5						
50	31.3	31.7	32.4	33.4	34.3	35.0	34.9	34.9	34.5	33.7	32.7	31.6						
55	27.2	27.6	28.4	29.4	30.3	31.1	31.0	30.9	30.6	29.8	28.7	27.5						
60	23.1	23.5	24.3	25.3	26.2	27.0	26.9	26.9	26.5	25.7	24.6	23.4						
65	18.9	19.3	20.2	21.2	22.1	22.8	22.8	22.8	22.4	21.6	20.5	19.3						
70	14.8	15.2	16.0	17.1	17.9	18.7	18.6	18.6	18.3	17.4	16.4	15.2						
75	10.7	11.1	11.9	12.9	13.8	14.5	14.5	14.5	14.2	13.4	12.4	11.1						
80	6.65	6.96	7.87	8.92	9.72	10.4	10.4	10.4	10.2	9.45	8.30	7.00						
85	3.19	3.29	3.88	4.91	5.66	6.30	6.27	6.27	6.05	5.26	4.20	3.36						
90	1.26	1.24	1.43	1.48	2.14	2.82	2.92	2.84	2.37	1.53	1.60	1.39						
95	0.70	0.74	1.22	1.50	1.27	0.91	0.84	1.00	1.31	1.52	1.35	0.94						
100	0.71	0.79	1.26	1.50	1.29	0.86	0.63	0.91	1.28	1.52	1.34	0.94						
105	0.76	0.82	1.25	1.50	1.29	0.88	0.67	0.90	1.23	1.48	1.29	0.96						
110	0.81	0.86	1.25	1.45	1.28	0.91	0.70	0.90	1.20	1.40	1.25	0.96						
115	0.86	0.90	1.25	1.40	1.28	0.94	0.74	0.90	1.17	1.35	1.21	0.97						
120	0.91	0.94	1.25	1.36	1.27	0.97	0.80	0.91	1.14	1.29	1.17	0.98						
125	0.95	0.98	1.24	1.34	1.25	0.99	0.84	0.94	1.12	1.24	1.15	0.99						
130	0.99	1.02	1.23	1.30	1.23	1.03	0.89	0.96	1.11	1.20	1.14	1.01						
135	1.04	1.07	1.21	1.26	1.21	1.06	0.94	0.99	1.11	1.17	1.14	1.03						
140	1.08	1.11	1.18	1.23	1.20	1.10	0.99	1.02	1.12	1.16	1.14	1.07						
145	1.12	1.15	1.18	1.22	1.18	1.14	1.04	1.06	1.14	1.15	1.15	1.10						
150	1.16	1.18	1.18	1.22	1.18	1.18	1.10	1.11	1.16	1.16	1.17	1.13						
155	1.21	1.22	1.21	1.25	1.22	1.23	1.15	1.15	1.20	1.18	1.20	1.17						
160	1.24	1.27	1.25	1.29	1.26	1.27	1.20	1.20	1.24	1.23	1.25	1.21						
165	1.28	1.30	1.29	1.33	1.29	1.31	1.25	1.24	1.29	1.27	1.29	1.26						
170	1.31	1.33	1.32	1.36	1.33	1.34	1.29	1.28	1.33	1.31	1.33	1.30						
175	1.33	1.34	1.34	1.37	1.35	1.36	1.33	1.32	1.36	1.34	1.36	1.32						
180	1.33	1.34	1.36	1.37	1.36	1.36	1.33	1.34	1.36	1.37	1.37	1.35						

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

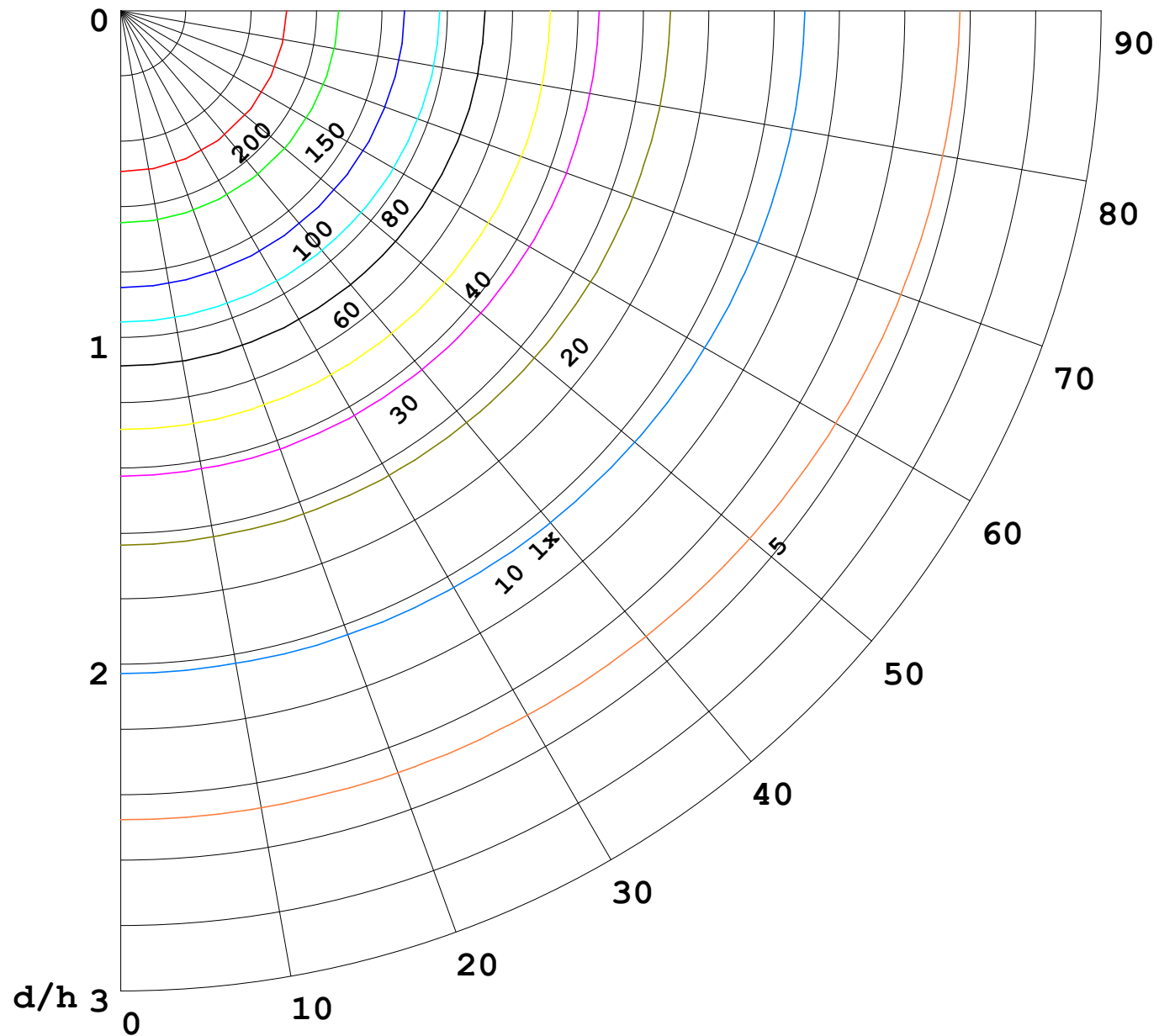
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks:

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

