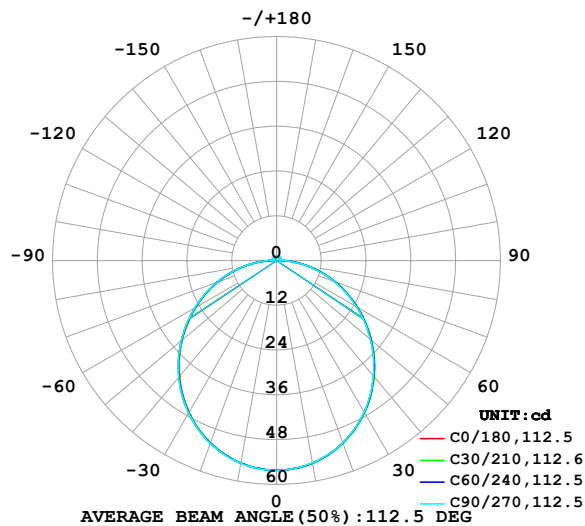


## LUMINAIRE PHOTOMETRIC TEST REPORT

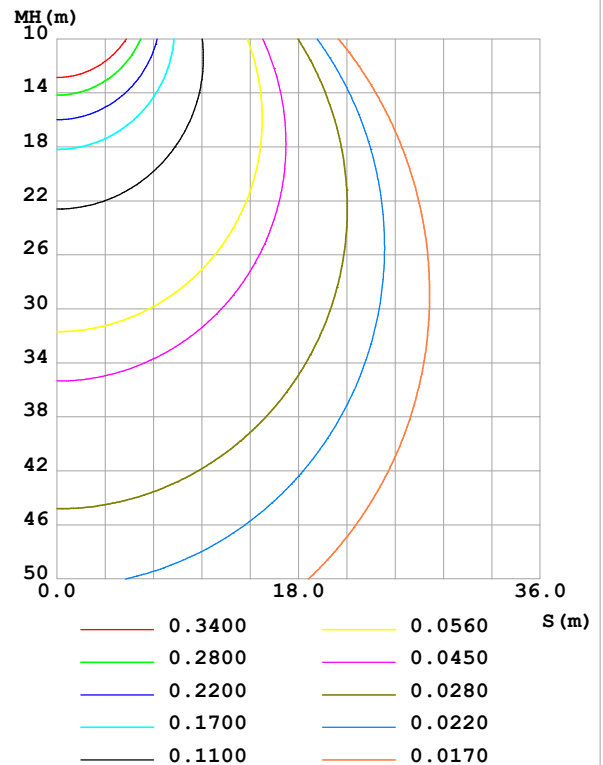
Test:U:24.00V I:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 17.43 lm/W			
MODEL	5050	Imax (cd)	56.16	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	171.47	$\eta$ UP,DN(C0-180)	1.9,47.8
NOMINAL FLUX(lm)	171.468	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	2.0,48.4
LAMPS INSIDE	1	$\eta$ up (%)	3.9	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℃  
Operators:  
Test Date:2025-03-11

$\gamma$  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	55.11	55.13	55.07	55.04	55.07	55.12	55.17	55.21	0- 10	5.312	5.312	3.1,3.1
20	51.98	52.00	51.93	51.87	51.93	52.03	52.13	52.18	10- 20	15.18	20.49	12,12
30	47.05	47.01	46.89	46.86	46.95	47.10	47.22	47.30	20- 30	22.92	43.42	25.3,25.3
40	40.65	40.55	40.36	40.38	40.52	40.71	40.86	40.95	30- 40	27.53	70.94	41.4,41.4
50	33.14	33.02	32.80	32.84	33.04	33.24	33.40	33.50	40- 50	28.53	99.48	58,58
60	25.03	24.90	24.70	24.72	24.97	25.17	25.32	25.42	50- 60	26.05	125.5	73.2,73.2
70	16.76	16.64	16.44	16.46	16.73	16.92	17.05	17.14	60- 70	20.70	146.2	85.3,85.3
80	8.608	8.489	8.288	8.327	8.605	8.758	8.856	8.952	70- 80	13.38	159.6	93.1,93.1
90	2.116	1.676	0.8402	1.644	2.133	1.872	1.119	1.948	80- 90	5.259	164.9	96.1,96.2
100	0.7331	0.8227	0.8922	0.8327	0.6576	0.9357	1.123	0.9334	90-100	1.103	166.0	96.8,96.8
110	0.8132	0.9006	0.9095	0.9207	0.7470	1.010	1.207	0.9915	100-110	0.9583	166.9	97.3,97.4
120	0.9026	0.9771	0.9644	0.9958	0.8393	1.069	1.236	1.049	110-120	0.9692	167.9	97.9,97.9
130	0.9891	1.054	1.060	1.072	0.9345	1.120	1.251	1.089	120-130	0.9349	168.8	98.5,98.5
140	1.067	1.127	1.144	1.146	1.021	1.160	1.257	1.126	130-140	0.8548	169.7	99,99
150	1.151	1.201	1.250	1.219	1.110	1.207	1.273	1.168	140-150	0.7318	170.4	99.4,99.4
160	1.231	1.247	1.311	1.283	1.208	1.250	1.282	1.221	150-160	0.5658	171.0	99.7,99.7
170	1.295	1.315	1.344	1.331	1.304	1.302	1.305	1.299	160-170	0.3627	171.3	99.9,99.9
180	1.332	1.339	1.351	1.348	1.335	1.341	1.354	1.347	170-180	0.1265	171.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 85.312 lm

%lum = 49.8%

%lamp = 49.8%

Conical surface Flux(130deg): 136.69 lm

%lum = 79.7%

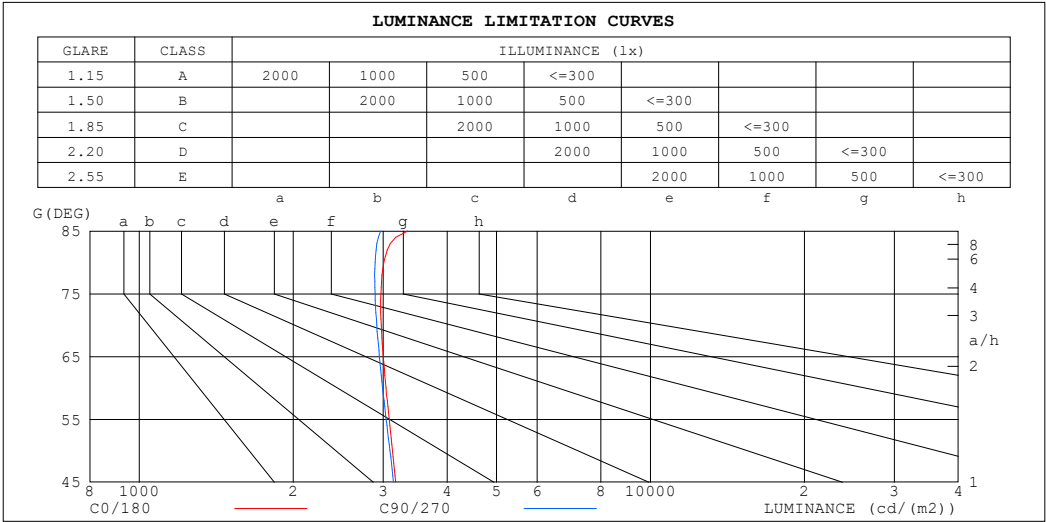
%lamp = 79.7%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-03-11

$\gamma$  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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-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	3351	2965
80	3007	2892
75	2967	2893
70	2972	2913
65	3000	2949
60	3037	2993
55	3081	3040
50	3127	3092
45	3173	3142

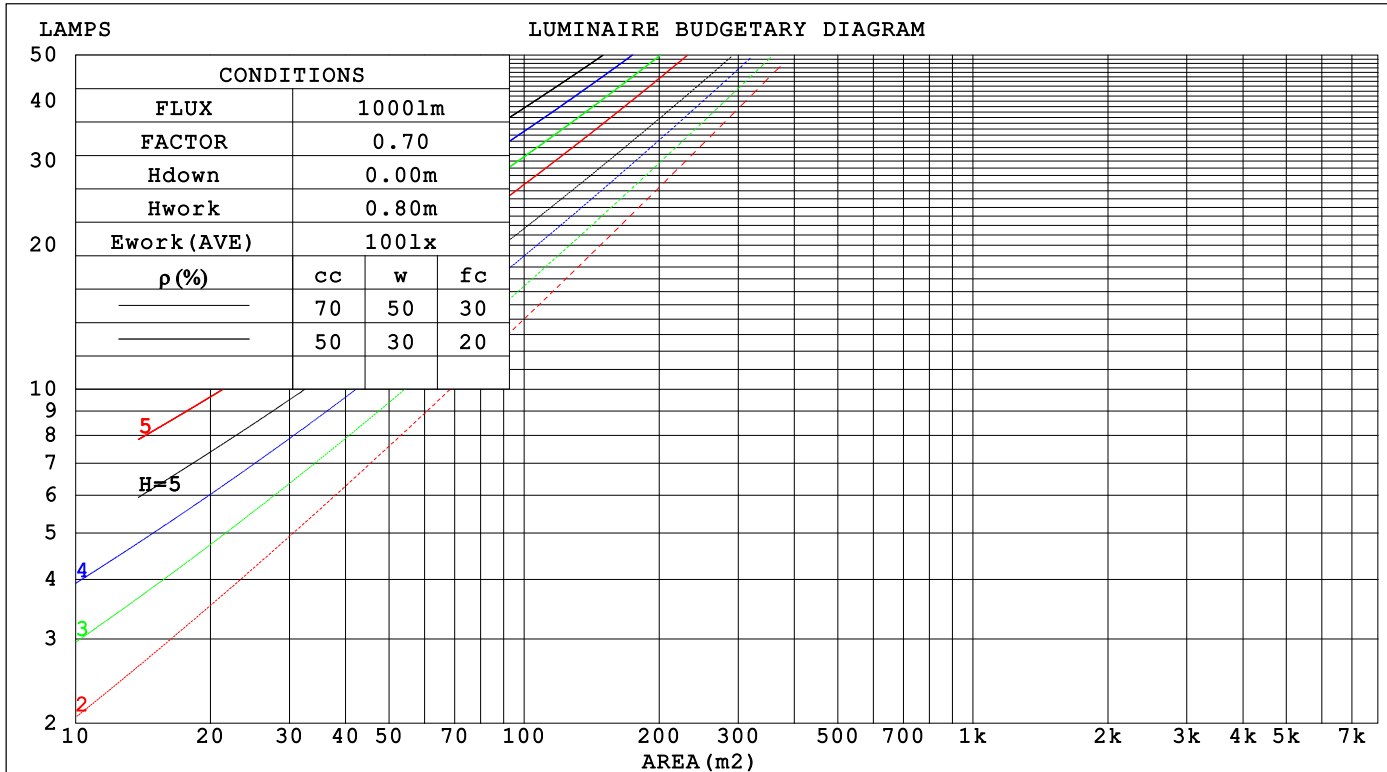
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.04	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	.75	.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	.58	.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	.37	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.29	.27
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°C  
Operators:  
Test Date: 2025-03-11

```

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-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	.327	.186	.059	.318	.182	.058	.303	.174	.055	.288	.166	.053	.275	.160	.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	.085	.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	.186	.163	.181	.159	.140	.124	.110	.097	.071	.063	.056	.023	.020	.018	
2.0	.203	.162	.127	.174	.139	.110	.119	.096	.076	.069	.056	.045	.022	.018	.015	
3.0	.196	.144	.103	.168	.124	.090	.115	.086	.063	.066	.051	.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	.105	.067	.107	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.173	.113	.069	.149	.098	.060	.103	.068	.043	.060	.040	.025	.019	.013	.008	
7.0	.166	.106	.063	.143	.092	.055	.099	.064	.039	.057	.038	.023	.019	.012	.008	
8.0	.160	.100	.059	.137	.087	.051	.095	.061	.037	.055	.036	.022	.018	.012	.007	
9.0	.154	.095	.056	.132	.083	.049	.092	.058	.034	.053	.034	.021	.017	.011	.007	
10.0	.148	.091	.053	.127	.079	.046	.088	.056	.033	.052	.033	.020	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm										
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-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	22.5	24.0	22.9	24.3	24.6	22.5	24.0	22.8	24.2	24.5
3H	24.2	25.6	24.6	25.9	26.2	24.1	25.5	24.5	25.8	26.1
4H	25.0	26.3	25.4	26.6	27.0	24.9	26.2	25.3	26.5	26.9
6H	25.6	26.9	26.0	27.2	27.6	25.5	26.7	25.9	27.1	27.4
8H	25.9	27.1	26.3	27.4	27.8	25.7	26.9	26.1	27.3	27.7
12H	26.1	27.2	26.5	27.6	28.0	25.9	27.1	26.3	27.4	27.8
4H 2H	23.2	24.5	23.5	24.8	25.1	23.1	24.4	23.5	24.8	25.1
3H	25.1	26.2	25.5	26.6	27.0	25.0	26.1	25.4	26.5	26.9
4H	26.0	27.0	26.4	27.4	27.8	25.9	26.9	26.3	27.3	27.7
6H	26.7	27.7	27.2	28.1	28.6	26.6	27.6	27.1	28.0	28.4
8H	27.1	27.9	27.5	28.4	28.8	26.9	27.8	27.4	28.2	28.7
12H	27.3	28.2	27.8	28.6	29.1	27.2	28.0	27.7	28.4	28.9
8H 4H	26.3	27.2	26.8	27.6	28.1	26.2	27.1	26.7	27.5	28.0
6H	27.3	28.0	27.8	28.5	29.0	27.2	27.9	27.7	28.4	28.9
8H	27.7	28.4	28.2	28.8	29.4	27.6	28.2	28.1	28.7	29.2
12H	28.1	28.7	28.6	29.2	29.7	27.9	28.5	28.5	29.0	29.6
12H 4H	26.3	27.1	26.8	27.6	28.1	26.2	27.0	26.7	27.5	28.0
6H	27.4	28.0	27.9	28.5	29.0	27.3	27.9	27.8	28.4	28.9
8H	27.9	28.4	28.4	28.9	29.5	27.7	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					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 171.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.1)  
Area: 0.0165 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

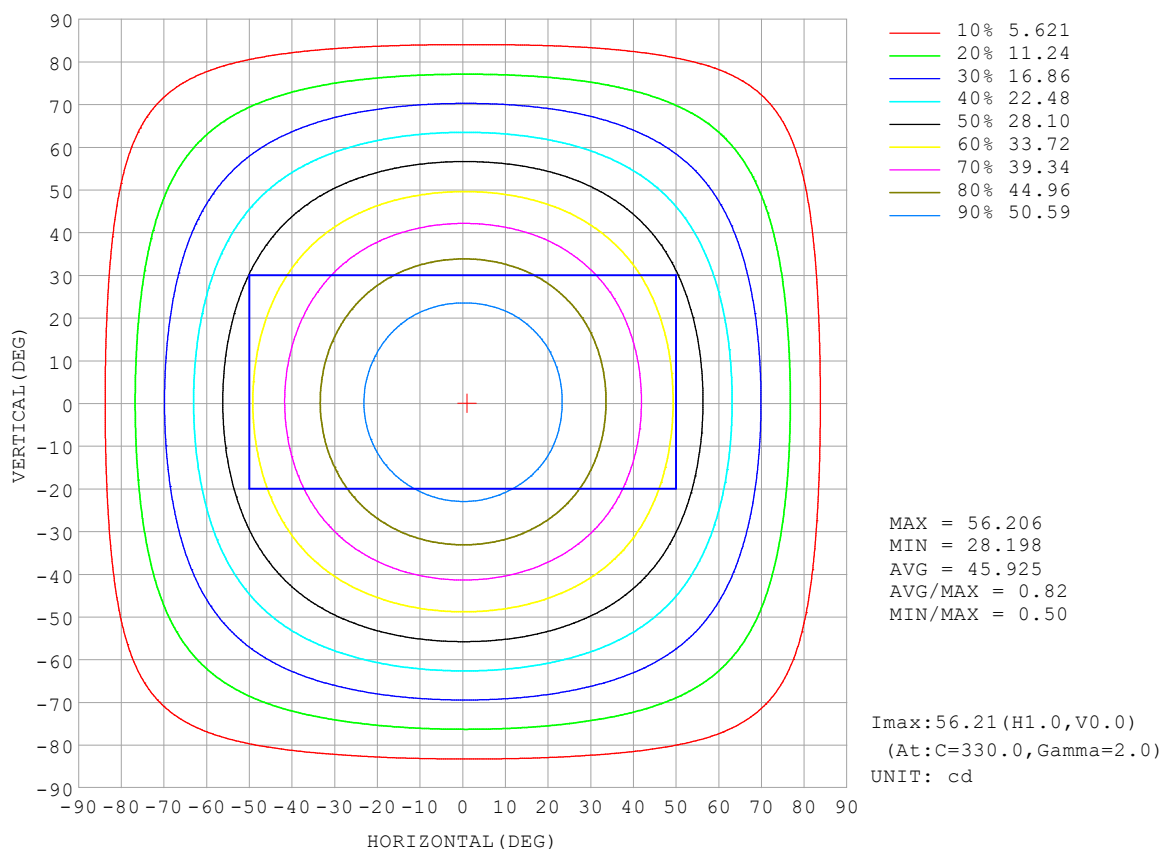
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	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	86	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	91	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: 2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

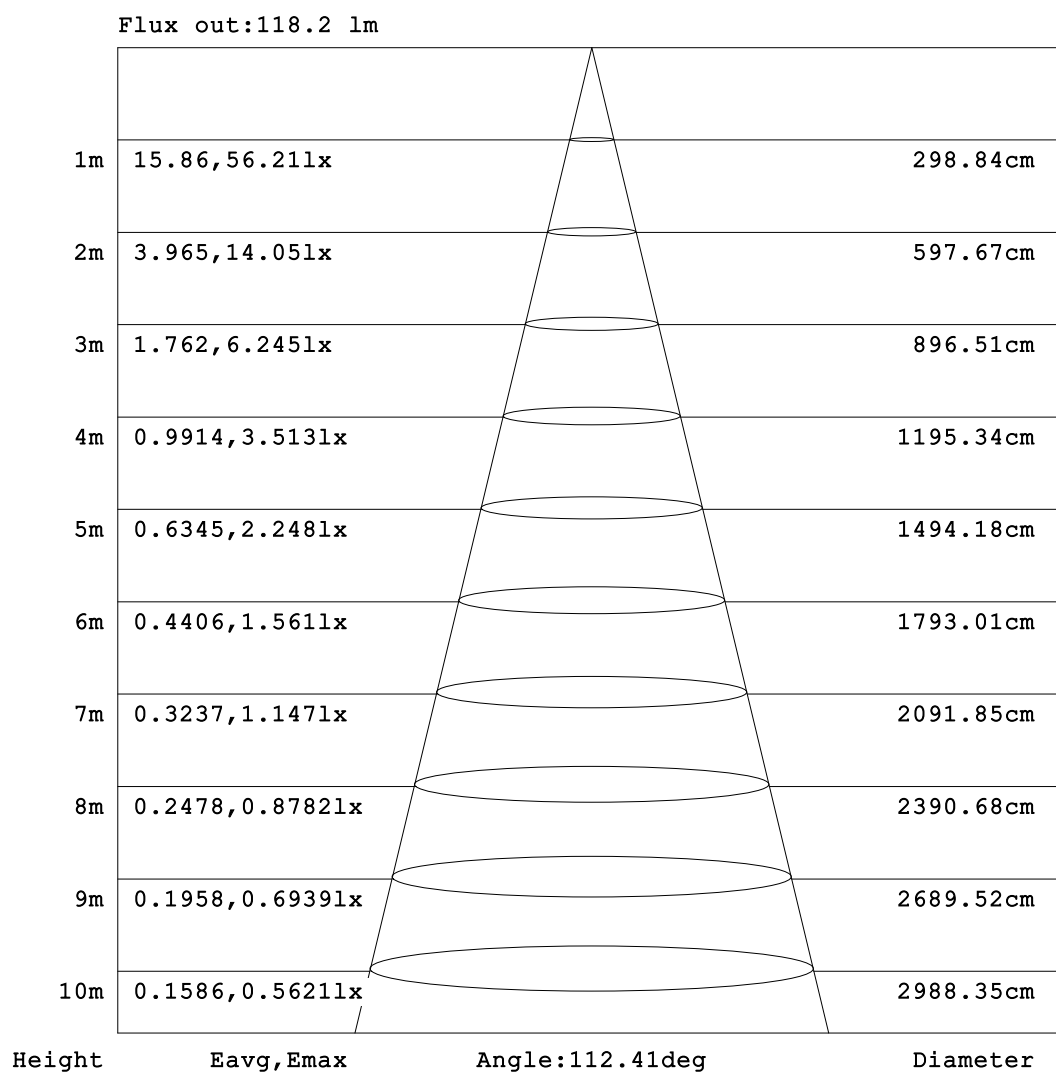


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



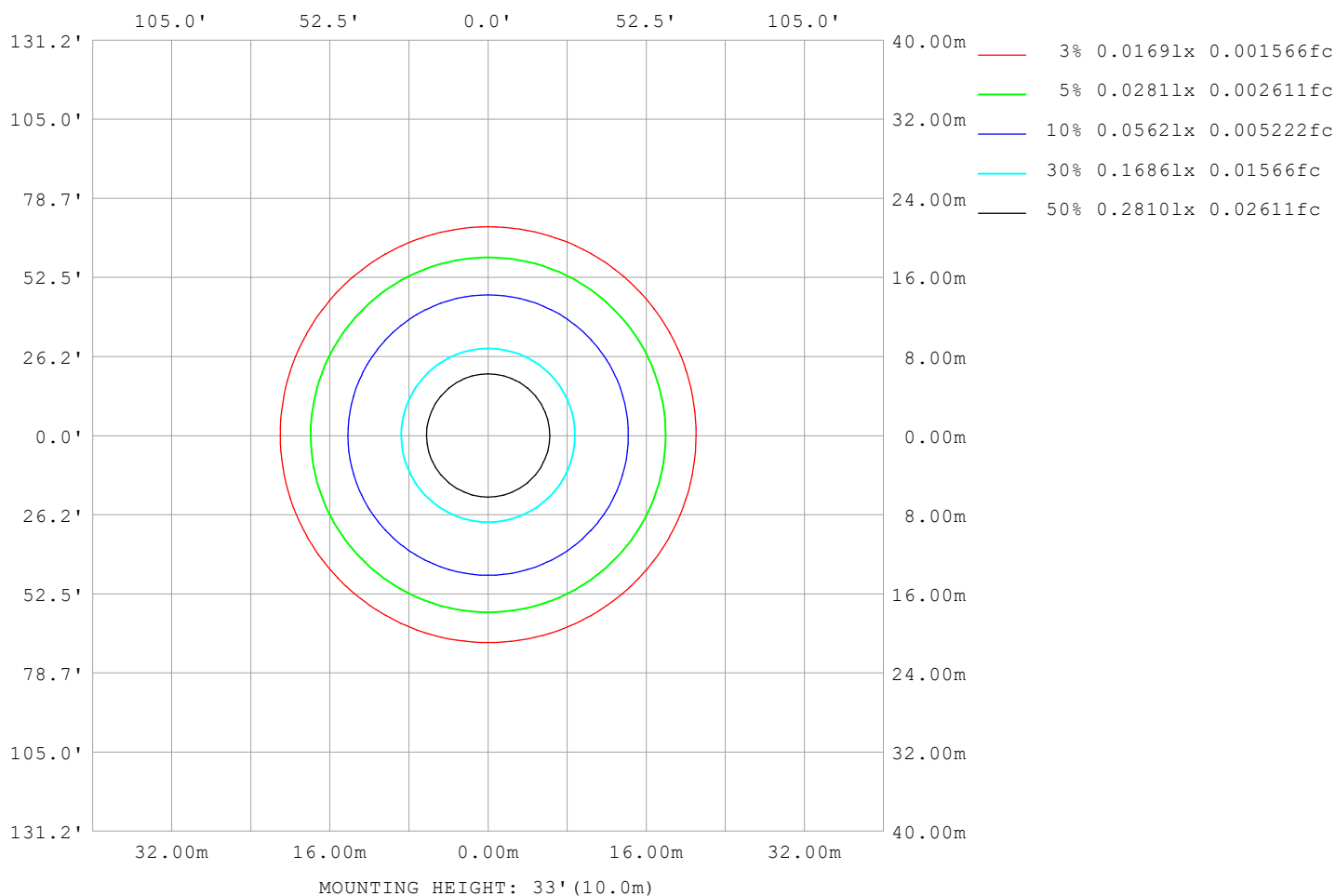
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators:  
Test Date: 2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-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: 2025-03-11

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:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

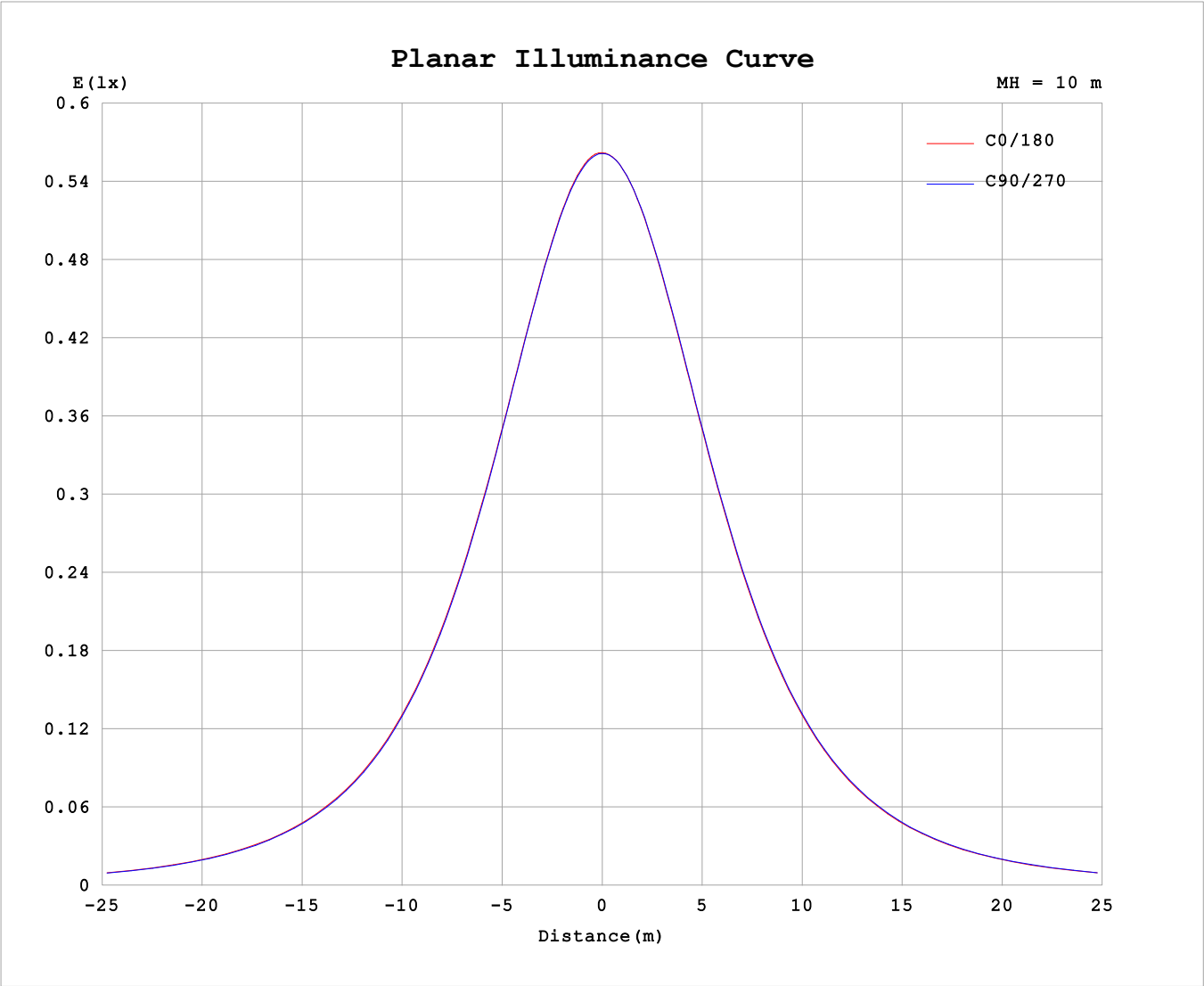
AvgL	cd/m2
L_0~180 (65) av	2995
L_0~180 (75) av	2961
L_0~180 (85) av	3317
L_90~270 (65) av	2995
L_90~270 (75) av	2961
L_90~270 (85) av	3154
L_45 (65) av	3002
L_45 (75) av	2971
L_45 (85) av	3243

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-11

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	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:6.360m [K=1.0000]
Test Date:2025-03-11	Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4098A P:9.835W PF:1.000 Freq:0Hz Lamp Flux:171.468x1 lm		
NAME: SF16-24V-5050-70-SPI-RGBW(4000K)-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: Olym pia lighting	SUR.:	Shielding Angle:

Table--1

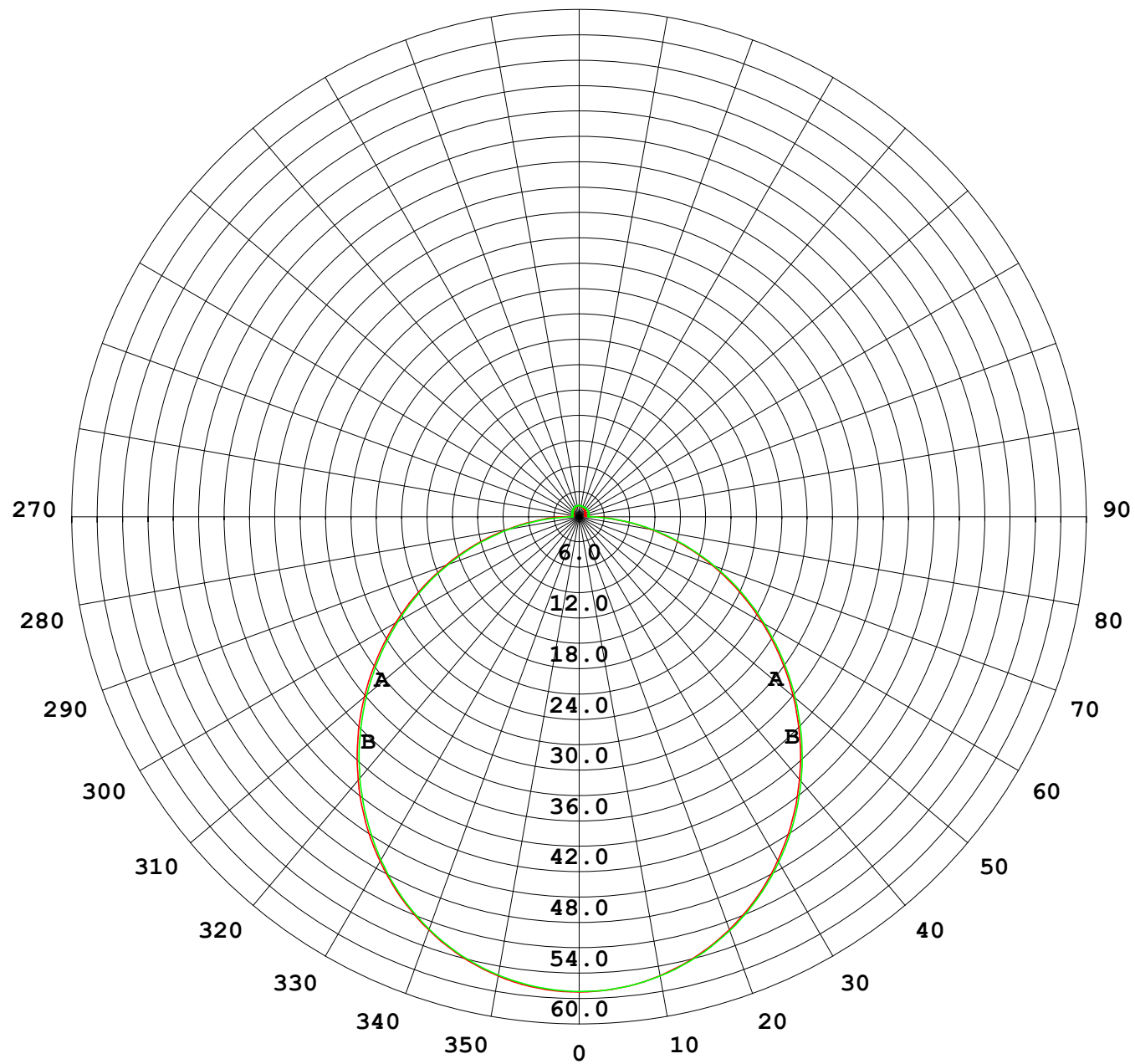
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2							
5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	55.9	56.0							
10	55.1	55.1	55.1	55.1	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2							
15	53.8	53.8	53.8	53.8	53.7	53.7	53.7	53.8	53.9	53.9	54.0	53.9							
20	52.0	52.0	52.0	51.9	51.9	51.9	51.9	52.0	52.1	52.1	52.2	52.2							
25	49.7	49.8	49.7	49.6	49.6	49.6	49.7	49.7	49.8	49.9	50.0	49.9							
30	47.1	47.1	47.0	46.9	46.8	46.9	46.9	47.0	47.2	47.2	47.3	47.3							
35	44.0	44.0	43.9	43.8	43.8	43.8	43.9	44.0	44.1	44.2	44.3	44.3							
40	40.7	40.6	40.5	40.4	40.4	40.4	40.5	40.6	40.8	40.9	41.0	40.9							
45	37.0	37.0	36.8	36.7	36.7	36.7	36.9	37.0	37.1	37.2	37.4	37.3							
50	33.1	33.1	32.9	32.8	32.8	32.9	33.0	33.2	33.3	33.4	33.5	33.5							
55	29.1	29.1	28.9	28.8	28.8	28.9	29.1	29.2	29.3	29.4	29.6	29.5							
60	25.0	25.0	24.8	24.7	24.7	24.8	25.0	25.1	25.3	25.3	25.5	25.4							
65	20.9	20.9	20.7	20.6	20.5	20.7	20.9	21.0	21.1	21.2	21.4	21.2							
70	16.8	16.7	16.5	16.4	16.4	16.5	16.7	16.8	17.0	17.1	17.2	17.1							
75	12.7	12.6	12.4	12.4	12.3	12.4	12.6	12.7	12.9	12.9	13.1	13.0							
80	8.61	8.60	8.37	8.29	8.25	8.41	8.61	8.70	8.82	8.86	8.98	8.93							
85	4.82	4.68	4.39	4.27	4.26	4.49	4.72	4.74	4.82	4.81	4.97	4.95							
90	2.12	1.98	1.38	0.84	1.36	1.92	2.13	2.04	1.70	1.12	1.77	2.12							
95	0.74	0.79	0.83	0.87	0.87	0.78	0.72	0.82	1.01	1.08	1.01	0.81							
100	0.73	0.81	0.84	0.89	0.85	0.81	0.66	0.82	1.05	1.12	1.05	0.82							
105	0.76	0.85	0.88	0.90	0.89	0.86	0.70	0.84	1.10	1.17	1.10	0.83							
110	0.81	0.89	0.91	0.91	0.94	0.91	0.75	0.89	1.13	1.21	1.12	0.86							
115	0.86	0.94	0.94	0.93	0.97	0.95	0.79	0.91	1.17	1.22	1.15	0.90							
120	0.90	0.97	0.99	0.96	1.01	0.98	0.84	0.95	1.19	1.24	1.16	0.93							
125	0.95	1.01	1.02	1.01	1.05	1.03	0.88	0.98	1.21	1.25	1.18	0.96							
130	0.99	1.05	1.06	1.06	1.08	1.07	0.93	1.02	1.22	1.25	1.19	0.99							
135	1.03	1.09	1.10	1.10	1.11	1.11	0.98	1.05	1.23	1.25	1.20	1.01							
140	1.07	1.13	1.13	1.14	1.15	1.14	1.02	1.08	1.24	1.26	1.21	1.04							
145	1.12	1.16	1.17	1.20	1.19	1.18	1.06	1.11	1.26	1.26	1.22	1.07							
150	1.15	1.20	1.20	1.25	1.22	1.22	1.11	1.15	1.27	1.27	1.24	1.10							
155	1.20	1.22	1.21	1.28	1.25	1.26	1.15	1.18	1.28	1.28	1.25	1.13							
160	1.23	1.26	1.23	1.31	1.28	1.29	1.21	1.21	1.29	1.28	1.27	1.17							
165	1.27	1.30	1.27	1.33	1.30	1.32	1.26	1.25	1.30	1.29	1.29	1.21							
170	1.29	1.32	1.31	1.34	1.32	1.34	1.30	1.28	1.33	1.31	1.32	1.28							
175	1.32	1.33	1.33	1.35	1.34	1.35	1.33	1.30	1.35	1.33	1.35	1.32							
180	1.33	1.33	1.35	1.35	1.35	1.35	1.34	1.33	1.35	1.35	1.35	1.34							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-11

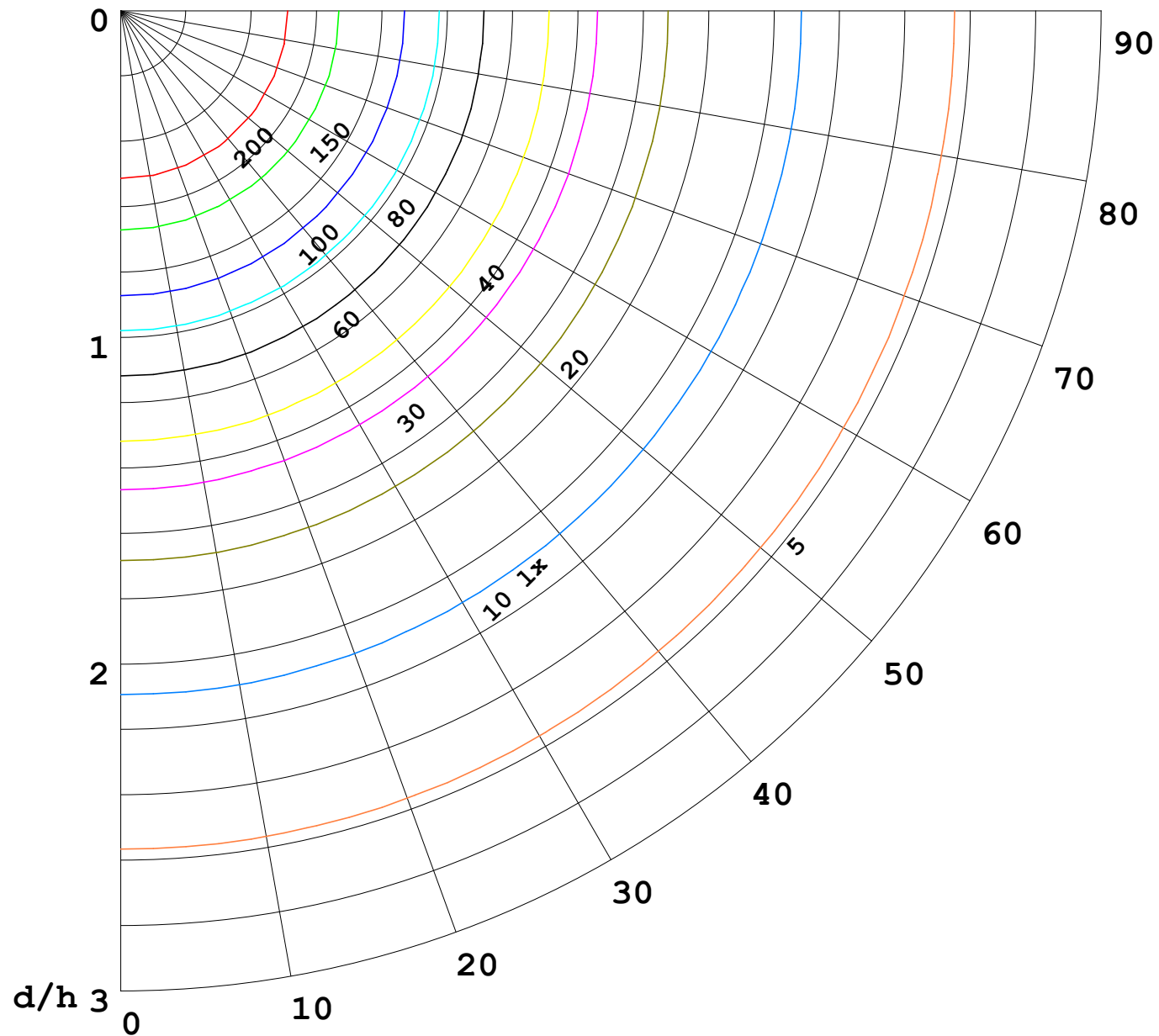
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

