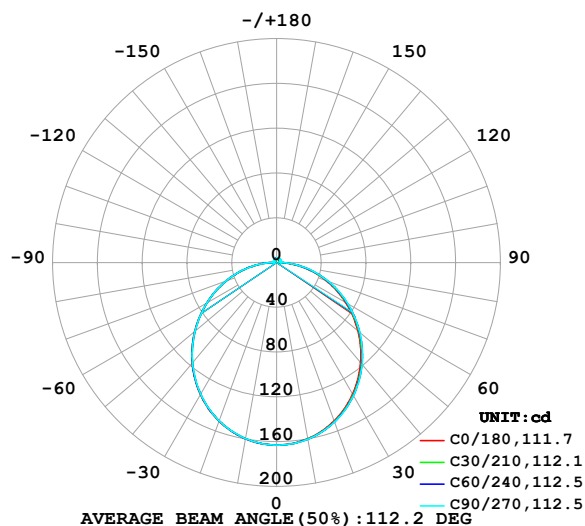


## LUMINAIRE PHOTOMETRIC TEST REPORT

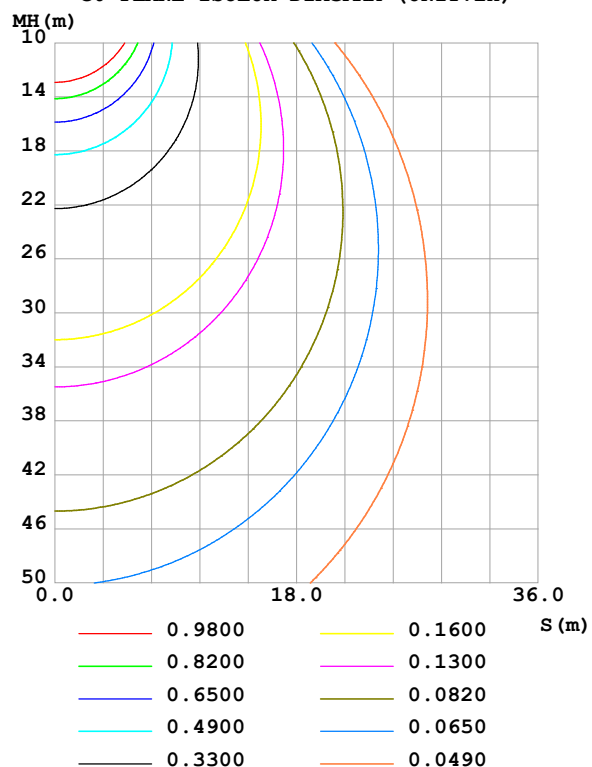
Test:U:24.00V I:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 36.17 lm/W			
MODEL	5050	Imax (cd)	163.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)	13	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	494.61	$\eta$ UP,DN(C0-180)	2.1,48.3
NOMINAL FLUX(lm)	494.611	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.8,47.9
LAMPS INSIDE	1	$\eta$ up (%)	3.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		$\eta$ down (%)	96.1	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:2025-05-19

$\gamma$  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	159.8	160.2	160.2	160.0	159.9	159.7	159.7	159.8	0- 10	15.41	15.41	3.12,3.12
20	150.5	151.3	151.5	151.1	150.7	150.4	150.4	150.6	10- 20	44.03	59.45	12,12
30	135.8	137.0	137.4	136.8	136.2	135.9	135.8	135.9	20- 30	66.44	125.9	25.5,25.5
40	116.9	118.3	118.8	118.0	117.4	117.1	116.9	117.1	30- 40	79.71	205.6	41.6,41.6
50	94.81	96.46	97.05	96.14	95.53	95.21	95.13	95.15	40- 50	82.49	288.1	58.2,58.2
60	71.13	72.80	73.43	72.51	72.01	71.75	71.81	71.60	50- 60	75.15	363.2	73.4,73.4
70	47.06	48.57	49.25	48.39	48.05	47.87	48.12	47.64	60- 70	59.53	422.8	85.5,85.5
80	23.52	24.74	25.35	24.63	24.47	24.43	24.79	24.16	70- 80	38.26	461.0	93.2,93.2
90	3.992	4.040	3.196	3.831	4.016	3.492	2.902	3.561	80- 90	14.41	475.4	96.1,96.1
100	2.109	2.853	3.517	2.928	1.903	2.272	3.080	2.208	90-100	2.876	478.3	96.7,96.7
110	2.425	3.112	3.745	3.186	2.201	2.517	3.213	2.441	100-110	2.876	481.2	97.3,97.3
120	2.724	3.308	3.832	3.380	2.483	2.694	3.236	2.584	110-120	2.909	484.1	97.9,97.9
130	2.991	3.456	3.869	3.515	2.759	2.869	3.130	2.740	120-130	2.770	486.9	98.4,98.4
140	3.227	3.580	3.878	3.635	3.046	3.089	3.089	2.876	130-140	2.495	489.4	98.9,98.9
150	3.463	3.693	3.907	3.756	3.331	3.355	3.256	3.140	140-150	2.125	491.5	99.4,99.4
160	3.695	3.817	3.965	3.863	3.610	3.653	3.568	3.476	150-160	1.661	493.2	99.7,99.7
170	3.876	3.910	3.991	3.931	3.859	3.888	3.875	3.831	160-170	1.076	494.2	99.9,99.9
180	3.969	3.992	4.017	3.980	3.971	3.992	4.011	3.980	170-180	0.3754	494.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 247.16 lm

%lum = 50.0%

%lamp = 50.0%

Conical surface Flux(130deg): 395.38 lm

%lum = 79.9%

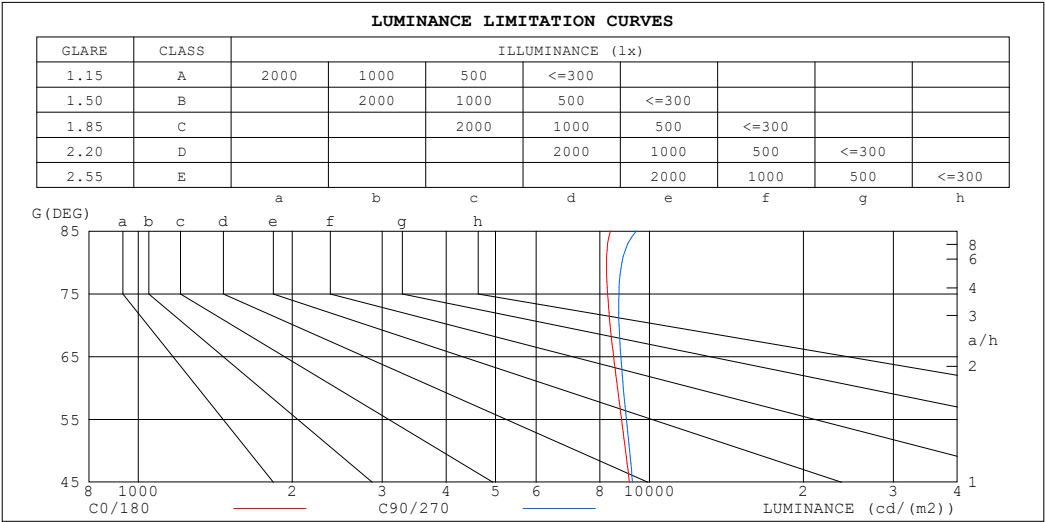
%lamp = 79.9%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-05-19

$\gamma$  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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-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	8387	9421
80	8246	8836
75	8279	8715
70	8376	8716
65	8508	8791
60	8659	8890
55	8818	9007
50	8979	9139
45	9132	9265

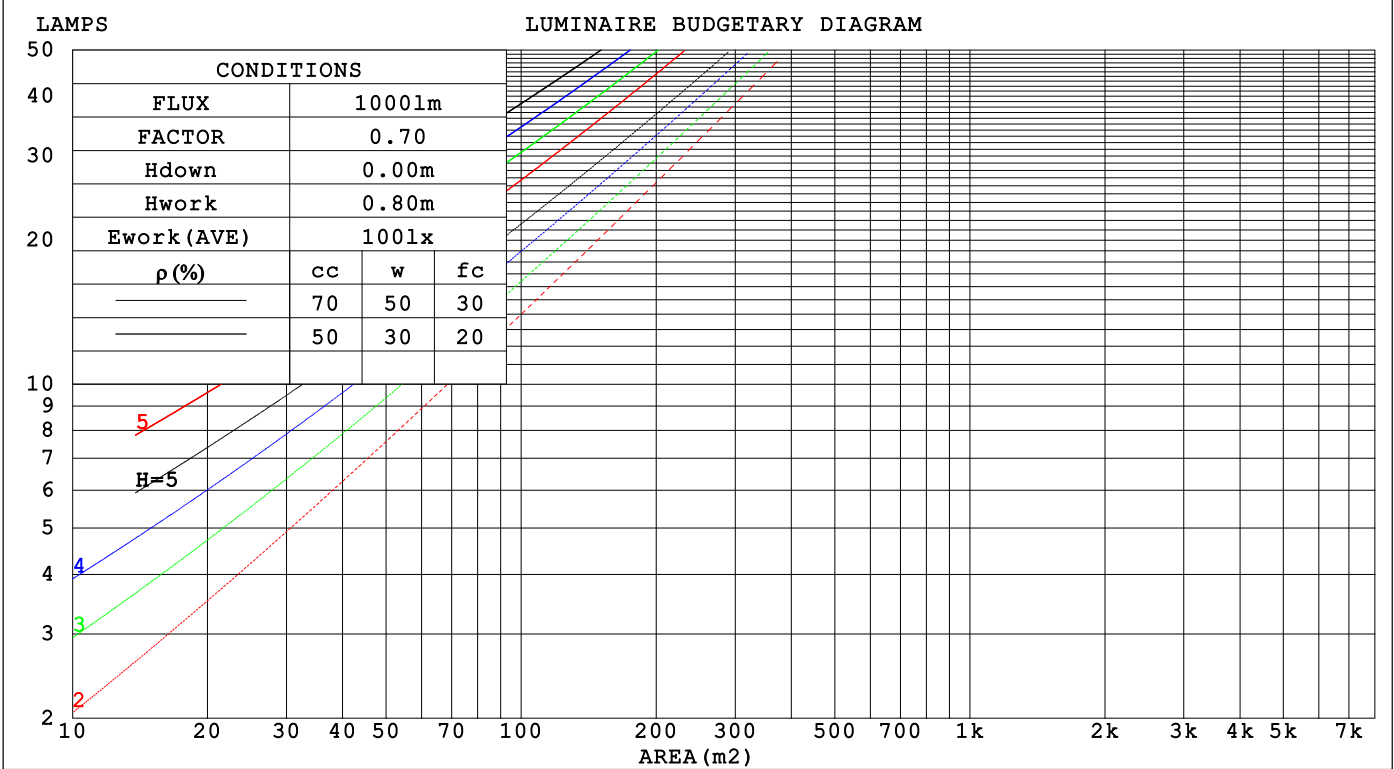
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz		
Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-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															



C Range: 0 - 360DEGC Interval: 30.0DEGTest Speed: HIGHTemperature:25.3℃Operators:Test Date:2025-05-19

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

## WEC AND CCEC

Test:U:24.00V I:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-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	.325	.185	.058	.316	.180	.057	.301	.173	.055	.286	.165	.053	.273	.158	.051															
2.0	.300	.164	.050	.292	.161	.050	.279	.155	.048	.266	.149	.047	.254	.144	.045															
3.0	.275	.146	.044	.268	.144	.043	.256	.139	.042	.245	.134	.041	.234	.130	.040															
4.0	.252	.131	.039	.246	.129	.038	.235	.125	.037	.225	.121	.036	.216	.117	.036															
5.0	.232	.118	.034	.227	.117	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032															
6.0	.215	.108	.031	.210	.106	.031	.201	.103	.030	.193	.100	.030	.185	.098	.029															
7.0	.200	.099	.028	.195	.097	.028	.188	.095	.027	.180	.092	.027	.173	.090	.026															
8.0	.186	.091	.026	.182	.090	.025	.175	.088	.025	.168	.085	.025	.162	.083	.024															
9.0	.174	.084	.024	.171	.083	.023	.164	.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	.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	.077	.069	.056	.045	.022	.018	.015	
3.0	.196	.144	.104	.168	.125	.090	.115	.087	.063	.066	.051	.037	.021	.016	.012	
4.0	.188	.131	.088	.161	.113	.077	.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	.064	.143	.092	.055	.099	.064	.039	.057	.038	.023	.019	.012	.008	
8.0	.160	.100	.059	.138	.087	.052	.095	.061	.037	.055	.036	.022	.018	.012	.007	
9.0	.154	.095	.056	.132	.083	.049	.092	.058	.035	.053	.034	.021	.017	.011	.007	
10.0	.148	.091	.053	.128	.079	.046	.088	.056	.033	.052	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm											
NAME: SF28-24V-5050-72-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	21.7	23.1	22.0	23.4	23.7	21.7	23.2	22.1	23.5	23.8
	3H	23.3	24.7	23.7	25.0	25.3	23.4	24.8	23.8	25.1	25.4
	4H	24.0	25.3	24.4	25.7	26.0	24.2	25.5	24.6	25.8	26.2
	6H	24.6	25.9	25.0	26.2	26.6	24.8	26.1	25.2	26.4	26.8
	8H	24.9	26.0	25.3	26.4	26.8	25.1	26.3	25.5	26.6	27.0
	12H	25.0	26.2	25.4	26.5	26.9	25.3	26.4	25.7	26.8	27.2
4H	2H	22.3	23.6	22.7	23.9	24.3	22.4	23.7	22.7	24.0	24.3
	3H	24.2	25.3	24.6	25.7	26.1	24.3	25.4	24.7	25.8	26.2
	4H	25.0	26.1	25.5	26.5	26.9	25.2	26.2	25.6	26.6	27.0
	6H	25.8	26.7	26.2	27.1	27.6	26.0	26.9	26.4	27.3	27.8
	8H	26.1	26.9	26.5	27.4	27.8	26.3	27.1	26.8	27.6	28.1
	12H	26.3	27.1	26.8	27.6	28.0	26.6	27.3	27.0	27.8	28.3
8H	4H	25.4	26.2	25.8	26.7	27.1	25.5	26.4	26.0	26.8	27.3
	6H	26.3	27.0	26.8	27.5	28.0	26.5	27.2	27.0	27.7	28.2
	8H	26.7	27.4	27.2	27.9	28.4	26.9	27.6	27.4	28.0	28.6
	12H	27.1	27.6	27.6	28.1	28.7	27.3	27.9	27.8	28.4	28.9
12H	4H	25.4	26.2	25.9	26.7	27.1	25.5	26.3	26.0	26.8	27.3
	6H	26.4	27.0	26.9	27.5	28.1	26.6	27.2	27.1	27.7	28.2
	8H	26.9	27.4	27.4	27.9	28.5	27.1	27.6	27.6	28.1	28.7
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, 494.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)  
Area: 0.0165 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

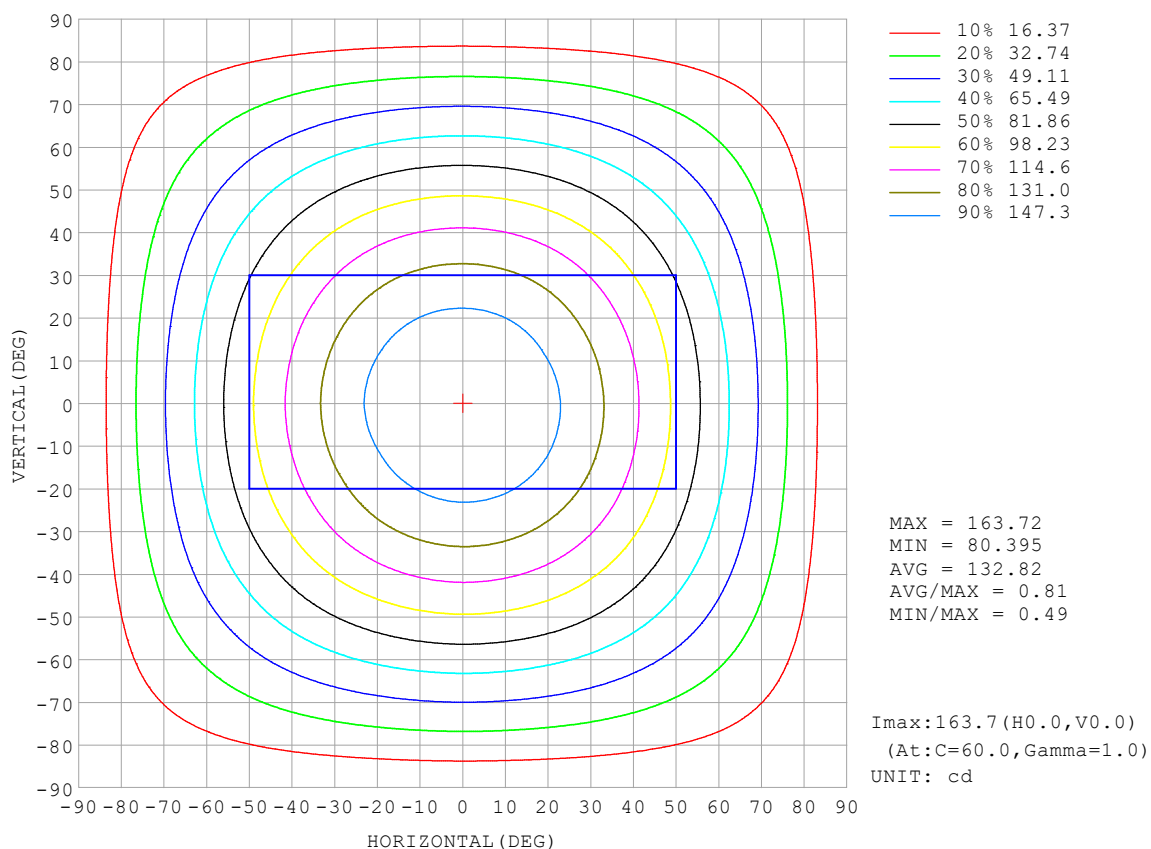
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	55	70	63	54	46
1.25	81	70	63	79	69	62	76	67	61	53
1.50	86	76	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	70
3.00	100	93	87	98	91	86	93	88	83	74
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: 2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



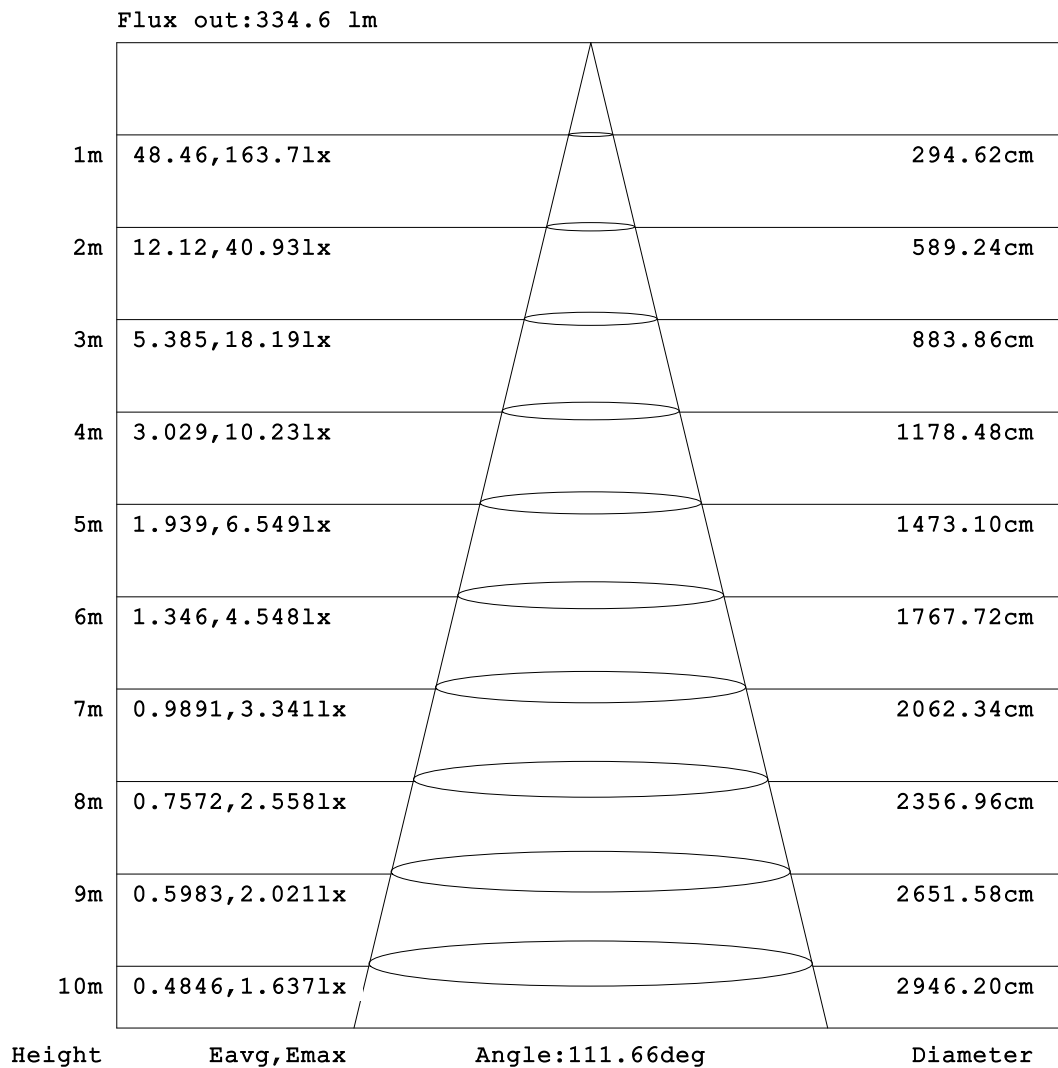
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



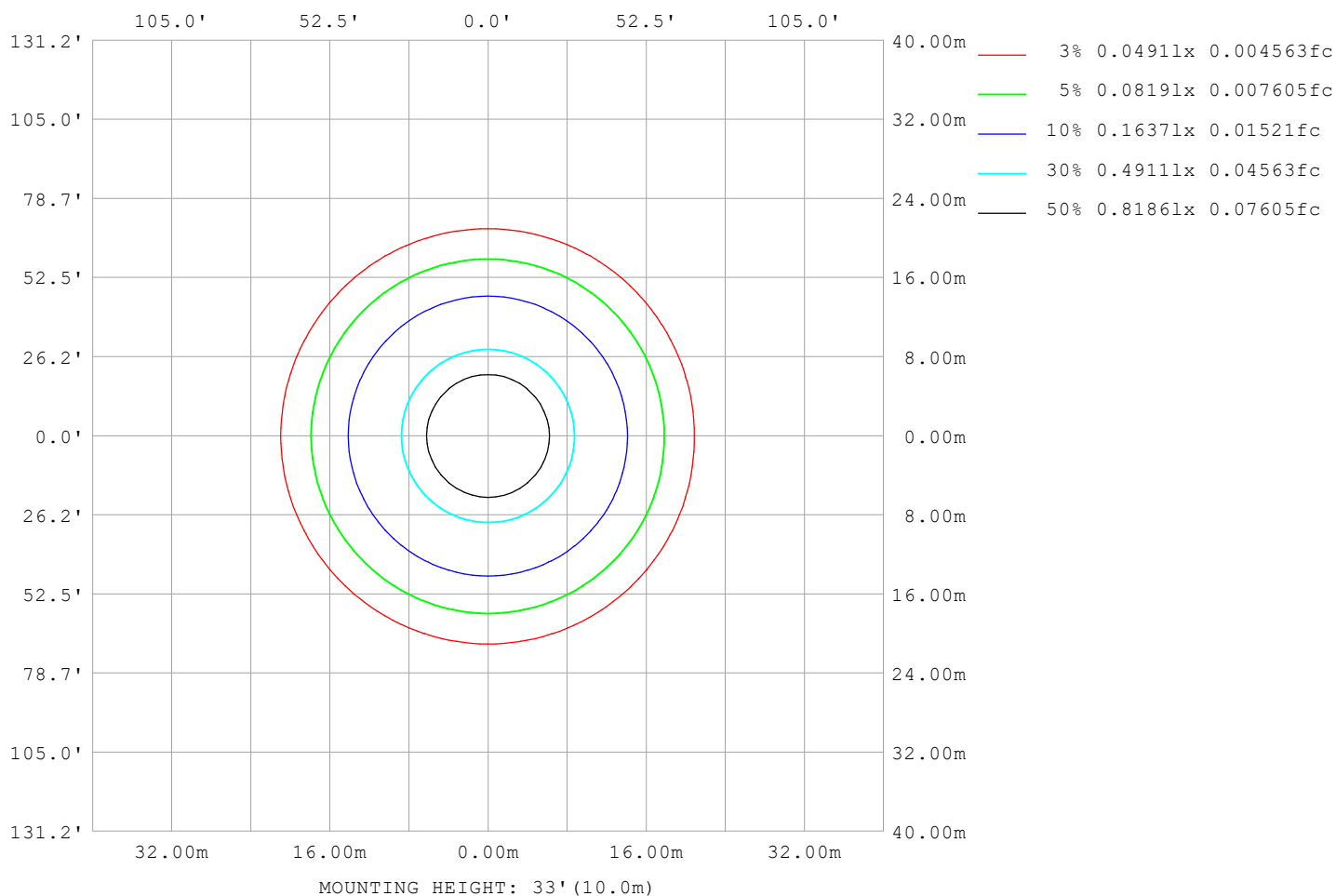
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx 1m		
NAME: SF28-24V-5050-72-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: 2025-05-19

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:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

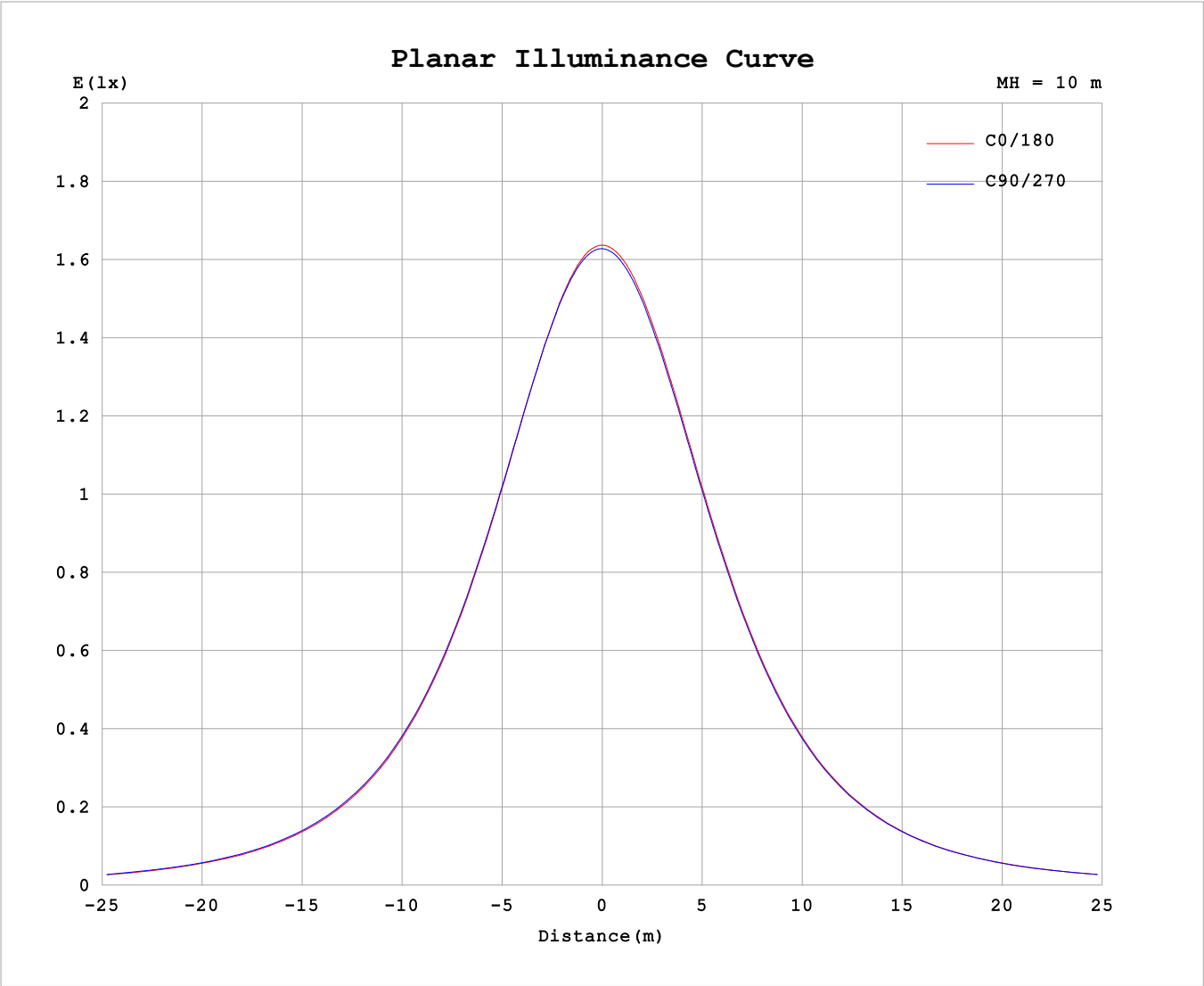
AvgL	cd/m2
L_0~180 (65) av	8540
L_0~180 (75) av	8357
L_0~180 (85) av	8699
L_90~270 (65) av	8700
L_90~270 (75) av	8622
L_90~270 (85) av	9324
L_45 (65) av	8626
L_45 (75) av	8483
L_45 (85) av	8967

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

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:2025-05-19	Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5697A P:13.67W PF:1.000 Freq:0Hz Lamp Flux:494.61lx1 lm		
NAME: SF28-24V-5050-72-G	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

Table--1

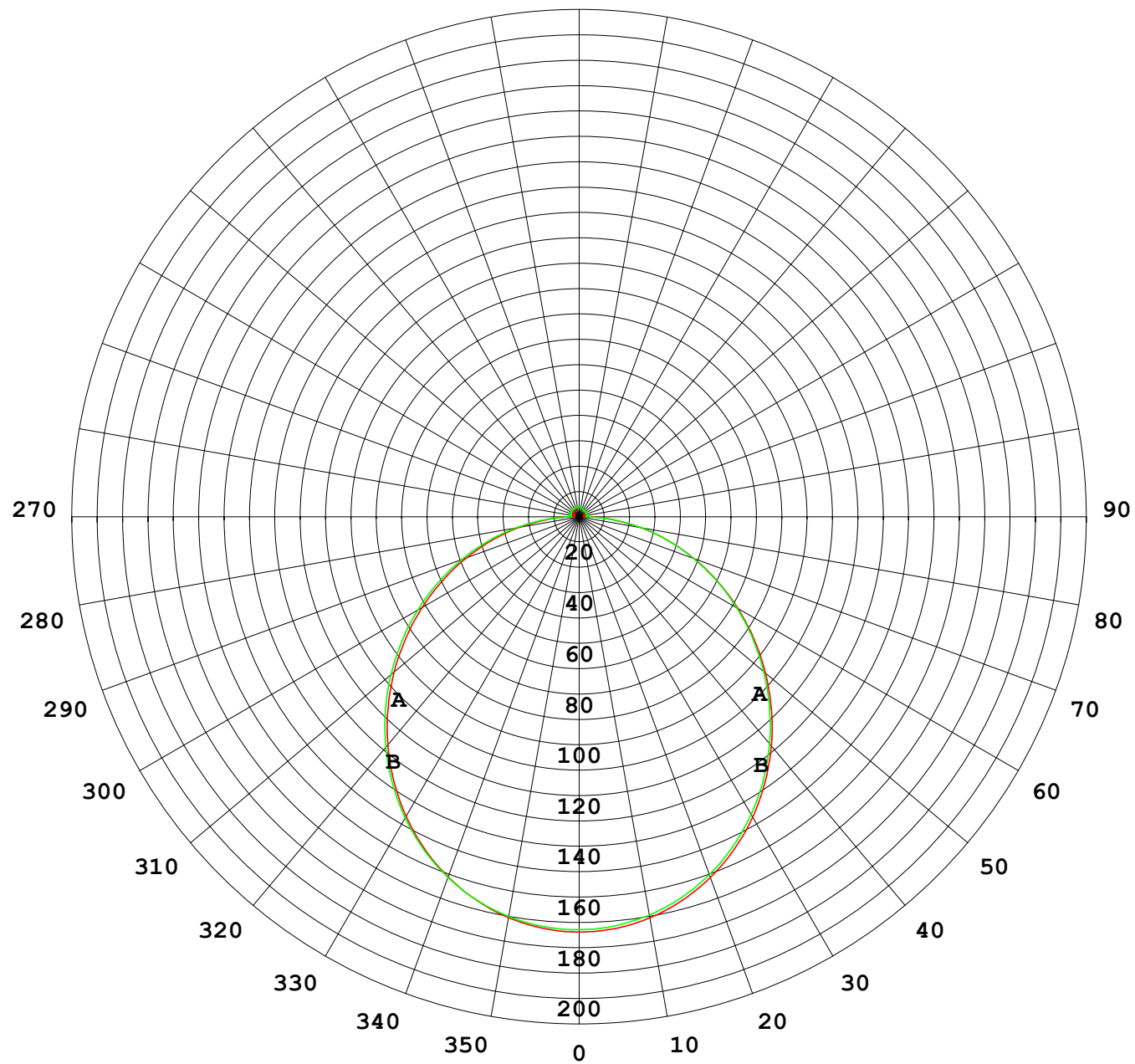
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	163	163	163	163	163	163	163	163	163	163	163	163							
5	162	162	162	162	162	162	162	162	162	162	162	162							
10	160	160	160	160	160	160	160	160	160	160	160	160							
15	156	156	157	157	156	156	156	156	156	156	156	156							
20	150	151	151	151	151	151	151	150	150	150	151	151							
25	144	145	145	145	145	144	144	144	144	144	144	144							
30	136	137	137	137	137	137	136	136	136	136	136	136							
35	127	128	128	129	128	128	127	127	127	127	127	127							
40	117	118	119	119	118	118	117	117	117	117	117	117							
45	106	107	108	108	108	107	107	106	106	106	106	106							
50	94.8	96.1	96.8	97.0	96.4	95.8	95.5	95.1	95.3	95.1	95.3	95.0							
55	83.1	84.4	85.2	85.3	84.8	84.1	83.9	83.5	83.7	83.6	83.6	83.3							
60	71.1	72.4	73.2	73.4	72.8	72.2	72.0	71.7	71.8	71.8	71.8	71.4							
65	59.1	60.3	61.1	61.4	60.8	60.2	60.0	59.7	59.9	60.0	59.8	59.4							
70	47.1	48.2	49.0	49.2	48.7	48.1	48.1	47.7	48.0	48.1	47.9	47.4							
75	35.2	36.3	36.9	37.3	36.7	36.2	36.2	35.9	36.2	36.4	36.0	35.6							
80	23.5	24.5	25.0	25.3	24.8	24.4	24.5	24.3	24.6	24.8	24.4	23.9							
85	12.0	12.9	13.3	13.6	13.1	12.9	13.0	12.7	13.1	13.3	12.9	12.4							
90	3.99	4.21	3.87	3.20	3.68	3.98	4.02	3.64	3.35	2.90	3.37	3.75							
95	1.99	2.41	3.01	3.36	3.09	2.47	1.79	1.87	2.44	2.98	2.38	1.83							
100	2.11	2.56	3.15	3.52	3.24	2.62	1.90	1.97	2.57	3.08	2.49	1.93							
105	2.26	2.70	3.28	3.65	3.37	2.75	2.05	2.11	2.69	3.16	2.55	2.06							
110	2.42	2.84	3.39	3.75	3.48	2.89	2.20	2.25	2.79	3.21	2.68	2.20							
115	2.58	2.96	3.47	3.80	3.56	3.02	2.34	2.38	2.83	3.23	2.70	2.33							
120	2.72	3.08	3.54	3.83	3.63	3.13	2.48	2.51	2.87	3.24	2.71	2.46							
125	2.86	3.18	3.59	3.85	3.67	3.23	2.62	2.64	2.91	3.18	2.74	2.59							
130	2.99	3.27	3.64	3.87	3.71	3.32	2.76	2.78	2.96	3.13	2.78	2.70							
135	3.11	3.36	3.68	3.87	3.74	3.42	2.90	2.93	3.02	3.10	2.84	2.69							
140	3.23	3.45	3.71	3.88	3.77	3.50	3.05	3.07	3.11	3.09	2.93	2.83							
145	3.34	3.53	3.75	3.90	3.80	3.58	3.19	3.22	3.21	3.12	3.03	2.96							
150	3.46	3.60	3.78	3.91	3.84	3.67	3.33	3.36	3.35	3.26	3.17	3.11							
155	3.58	3.68	3.83	3.94	3.88	3.74	3.48	3.50	3.51	3.40	3.34	3.26							
160	3.70	3.77	3.87	3.96	3.91	3.82	3.61	3.64	3.67	3.57	3.55	3.40							
165	3.80	3.85	3.90	3.98	3.93	3.88	3.74	3.76	3.81	3.75	3.74	3.54							
170	3.88	3.89	3.93	3.99	3.94	3.92	3.86	3.86	3.92	3.87	3.88	3.79							
175	3.94	3.96	3.96	4.00	3.96	3.97	3.93	3.93	3.99	3.96	3.95	3.89							
180	3.97	3.98	4.00	4.02	3.99	3.97	3.97	3.97	4.01	4.01	4.00	3.96							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-05-19

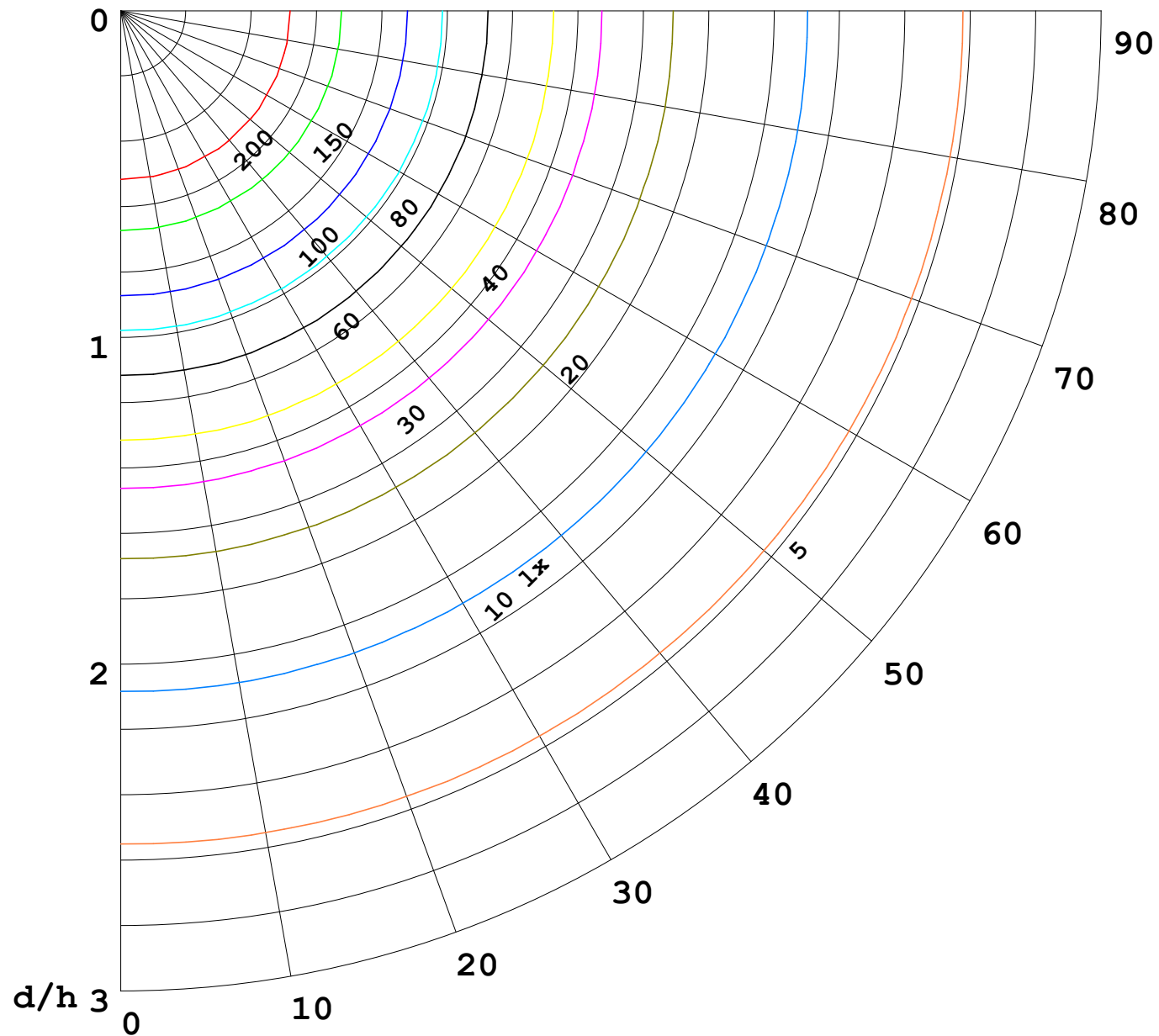
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

