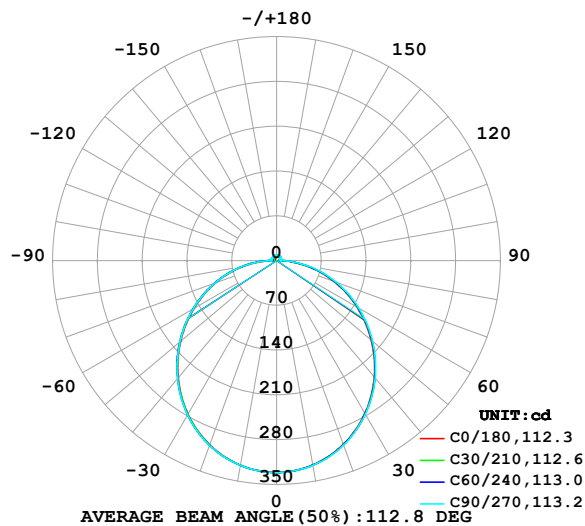


## LUMINAIRE PHOTOMETRIC TEST REPORT

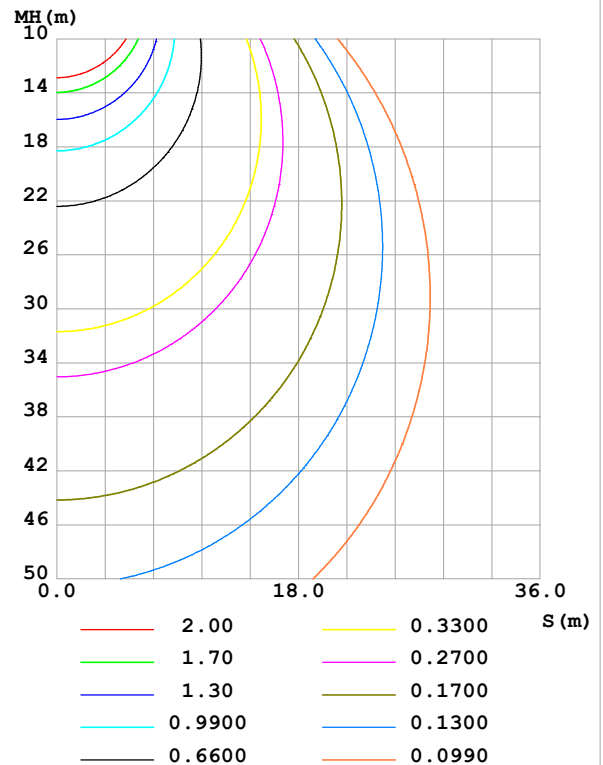
Test:U:24.00V I:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 67.97 lm/W
MODEL	5050	I <sub>max</sub> (cd)	331.1	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1018.8	η UP,DN(C0-180)	2.1,47.5	
NOMINAL FLUX(lm)	1018.79	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.3,48.2	
LAMPS INSIDE	1	η up (%)	4.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down (%)	95.7	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:2025-04-29

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	324.4	324.9	325.0	324.9	324.9	325.0	325.1	325.0	0- 10	31.31	31.31	3.07,3.07
20	305.4	306.3	306.6	306.5	306.4	306.8	307.2	306.8	10- 20	89.49	120.8	11.9,11.9
30	276.0	276.9	277.5	277.4	277.2	278.0	278.4	277.9	20- 30	135.1	255.9	25.1,25.1
40	237.7	238.8	239.7	239.7	239.5	240.5	241.0	240.3	30- 40	162.3	418.3	41.1,41.1
50	193.1	194.4	195.6	195.9	195.8	197.1	197.5	196.4	40- 50	168.4	586.7	57.6,57.6
60	144.9	146.3	148.0	148.8	148.9	150.4	150.6	148.9	50- 60	154.2	740.9	72.7,72.7
70	95.66	96.99	99.11	100.7	101.1	102.6	102.6	99.94	60- 70	123.0	863.8	84.8,84.8
80	46.61	47.77	50.15	52.59	53.49	54.95	54.44	51.03	70- 80	79.83	943.7	92.6,92.6
90	8.634	7.707	6.040	9.054	10.36	10.85	8.863	9.884	80- 90	30.96	974.6	95.7,95.7
100	4.751	5.543	6.211	5.864	4.476	6.992	8.818	6.743	90-100	6.978	981.6	96.4,96.4
110	5.426	6.049	6.546	5.809	4.997	7.242	8.838	7.037	100-110	6.739	988.4	97,97
120	6.083	6.539	7.025	5.978	5.206	7.445	8.700	7.188	110-120	6.569	994.9	97.7,97.7
130	6.674	6.999	7.406	7.173	6.209	7.653	8.489	7.323	120-130	6.290	1001	98.3,98.3
140	7.191	7.394	7.943	7.845	6.829	7.839	8.304	7.369	130-140	5.754	1007	98.8,98.8
150	7.681	7.780	8.278	8.227	7.414	8.077	8.462	7.523	140-150	4.862	1012	99.3,99.3
160	8.151	8.203	8.578	8.589	8.008	8.337	8.575	7.919	150-160	3.748	1016	99.7,99.7
170	8.310	8.648	8.835	8.833	8.316	8.568	8.653	8.469	160-170	2.390	1018	99.9,99.9
180	8.544	8.822	8.893	8.869	8.544	8.819	8.893	8.854	170-180	0.8281	1019	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 503.04 lm

%lum = 49.4%

%lamp = 49.4%

Conical surface Flux(130deg): 807.12 lm

%lum = 79.2%

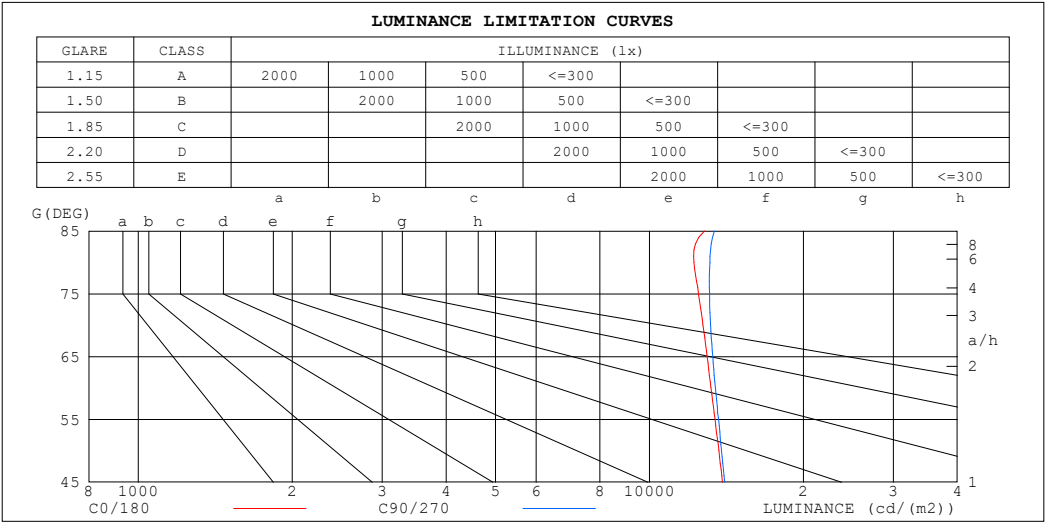
%lamp = 79.2%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-04-29

$\gamma$  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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12821	13391
80	12212	13123
75	12474	13105
70	12726	13167
65	12966	13295
60	13189	13452
55	13432	13646
50	13666	13830
45	13893	14023

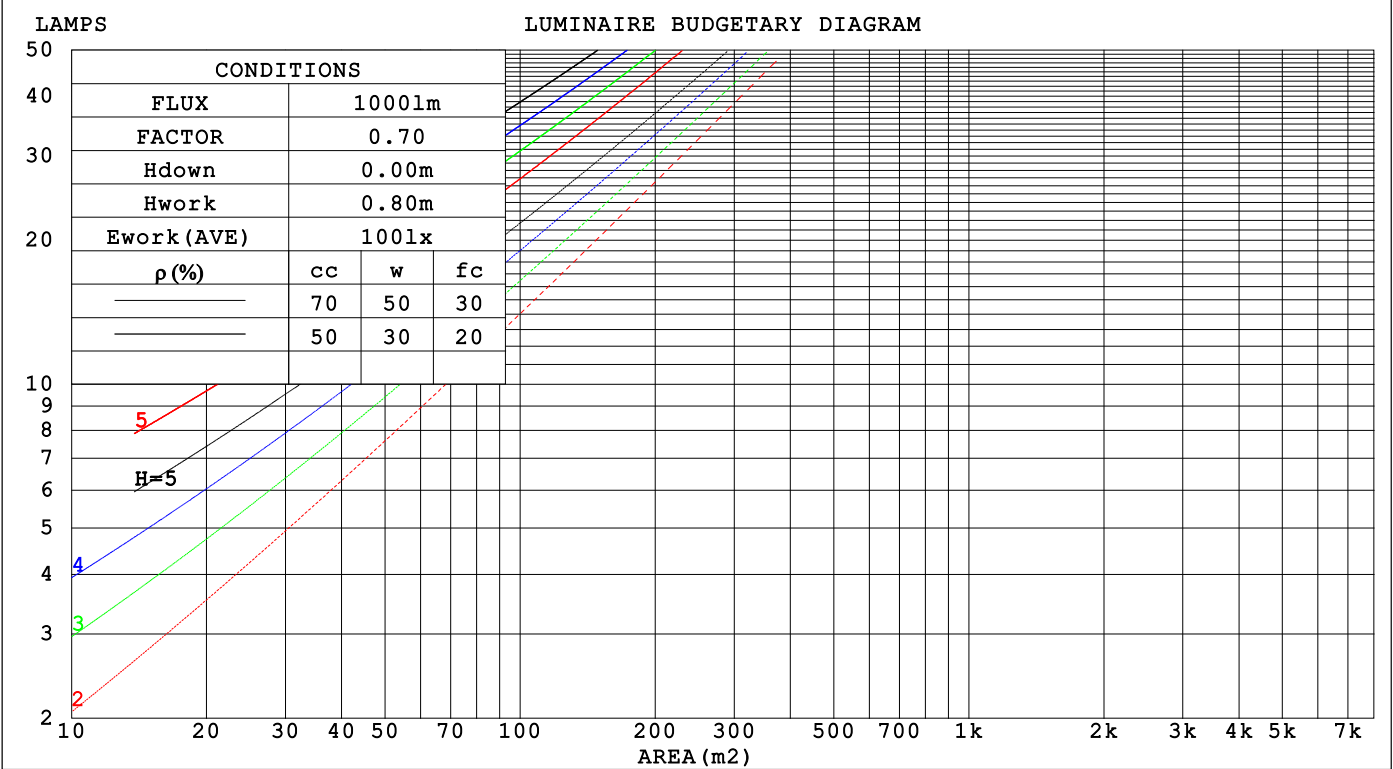
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz		
Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.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	.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	.28	.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:2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	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	.302	.173	.055	.288	.166	.053	.274	.159	.051															
2.0	.301	.165	.051	.294	.162	.050	.280	.155	.048	.267	.150	.047	.255	.144	.045															
3.0	.276	.147	.044	.269	.144	.043	.257	.139	.042	.245	.134	.041	.234	.130	.040															
4.0	.253	.131	.039	.247	.129	.038	.236	.125	.037	.225	.121	.037	.216	.117	.036															
5.0	.233	.119	.034	.228	.117	.034	.218	.113	.033	.208	.110	.033	.199	.107	.032															
6.0	.215	.108	.031	.211	.106	.031	.202	.103	.030	.193	.100	.029	.185	.098	.029															
7.0	.200	.099	.028	.196	.097	.028	.188	.095	.027	.180	.092	.027	.173	.090	.026															
8.0	.186	.091	.026	.183	.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	.143	.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	.224	.224	.224	.191	.191	.191	.130	.130	.130	.075	.075	.075	.024	.024	.024	
1.0	.215	.189	.166	.184	.162	.143	.126	.112	.099	.072	.065	.058	.023	.021	.019	
2.0	.207	.165	.130	.177	.142	.113	.122	.098	.079	.070	.057	.046	.022	.019	.015	
3.0	.199	.148	.107	.171	.128	.093	.117	.089	.065	.068	.052	.038	.022	.017	.013	
4.0	.192	.135	.092	.164	.117	.080	.113	.081	.056	.065	.048	.033	.021	.015	.011	
5.0	.184	.125	.081	.158	.108	.070	.109	.075	.050	.063	.044	.029	.020	.014	.010	
6.0	.177	.116	.073	.152	.101	.064	.105	.071	.045	.061	.042	.027	.020	.014	.009	
7.0	.170	.110	.067	.146	.095	.059	.101	.067	.041	.059	.039	.025	.019	.013	.008	
8.0	.163	.104	.063	.141	.090	.055	.097	.063	.039	.057	.037	.023	.018	.012	.008	
9.0	.157	.099	.059	.136	.086	.052	.094	.060	.037	.055	.036	.022	.018	.012	.007	
10.0	.152	.095	.057	.131	.082	.049	.091	.058	.035	.053	.034	.021	.017	.011	.007	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm										
NAME: SF33-24V-5050-84-2700k-80					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	19.5	21.0	19.9	21.3	21.6	19.6	21.1	19.9	21.3	21.6
3H	21.2	22.5	21.5	22.8	23.2	21.3	22.6	21.6	22.9	23.3
4H	21.9	23.2	22.3	23.5	23.9	22.0	23.3	22.4	23.6	24.0
6H	22.5	23.7	22.8	24.0	24.4	22.6	23.9	23.0	24.2	24.6
8H	22.7	23.9	23.1	24.2	24.6	22.9	24.1	23.3	24.4	24.8
12H	22.8	24.0	23.3	24.4	24.7	23.1	24.2	23.5	24.6	25.0
4H 2H	20.2	21.5	20.5	21.8	22.1	20.2	21.5	20.6	21.8	22.2
3H	22.0	23.1	22.4	23.5	23.9	22.1	23.2	22.5	23.6	24.0
4H	22.8	23.9	23.3	24.3	24.7	23.0	24.0	23.4	24.4	24.8
6H	23.6	24.5	24.0	24.9	25.4	23.7	24.7	24.2	25.1	25.5
8H	23.8	24.7	24.3	25.2	25.6	24.0	24.9	24.5	25.3	25.8
12H	24.1	24.9	24.6	25.3	25.8	24.3	25.1	24.8	25.5	26.0
8H 4H	23.2	24.0	23.7	24.5	25.0	23.3	24.1	23.8	24.6	25.1
6H	24.1	24.8	24.6	25.3	25.8	24.2	24.9	24.7	25.4	25.9
8H	24.5	25.1	25.0	25.6	26.1	24.6	25.3	25.2	25.8	26.3
12H	24.8	25.4	25.3	25.9	26.5	25.0	25.5	25.5	26.1	26.6
12H 4H	23.2	24.0	23.7	24.5	25.0	23.3	24.1	23.8	24.6	25.1
6H	24.2	24.8	24.7	25.3	25.8	24.3	24.9	24.8	25.4	26.0
8H	24.6	25.2	25.1	25.7	26.2	24.8	25.3	25.3	25.8	26.4
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, 1019 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 0.1$ )  
Area: 0.022 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

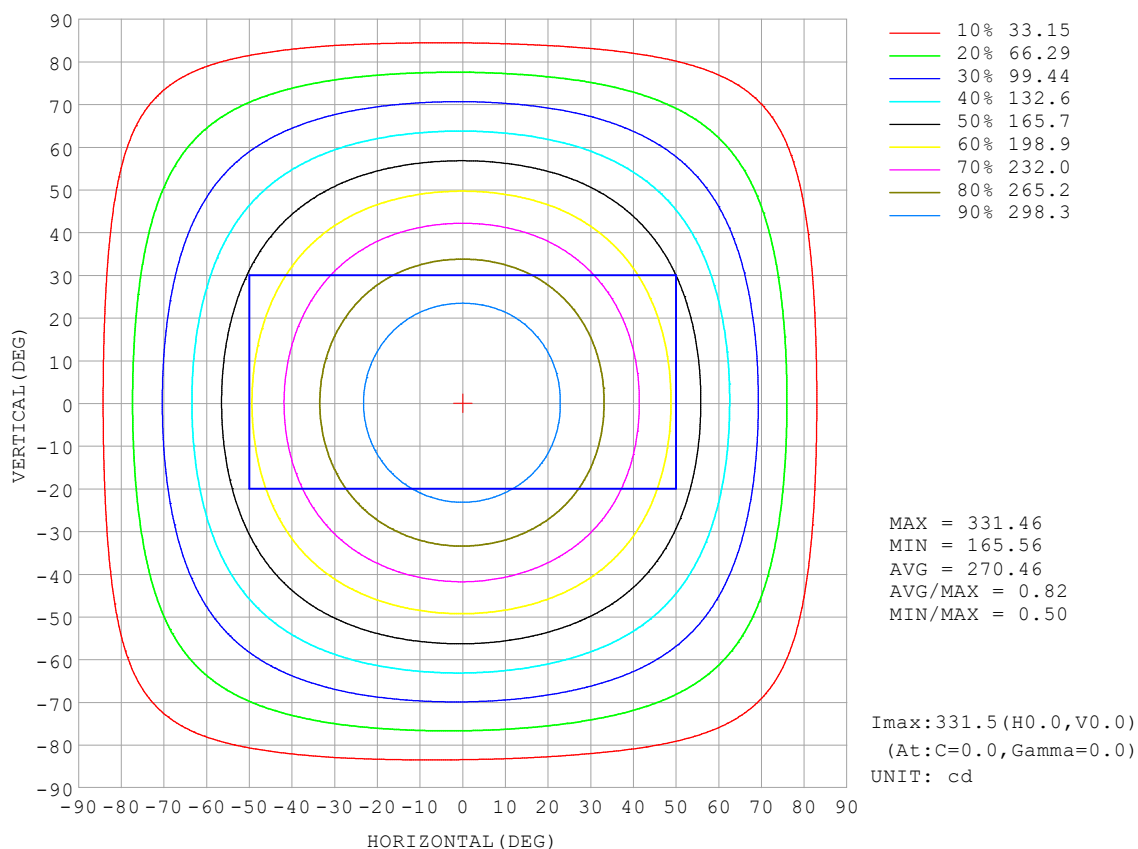
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	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: 2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



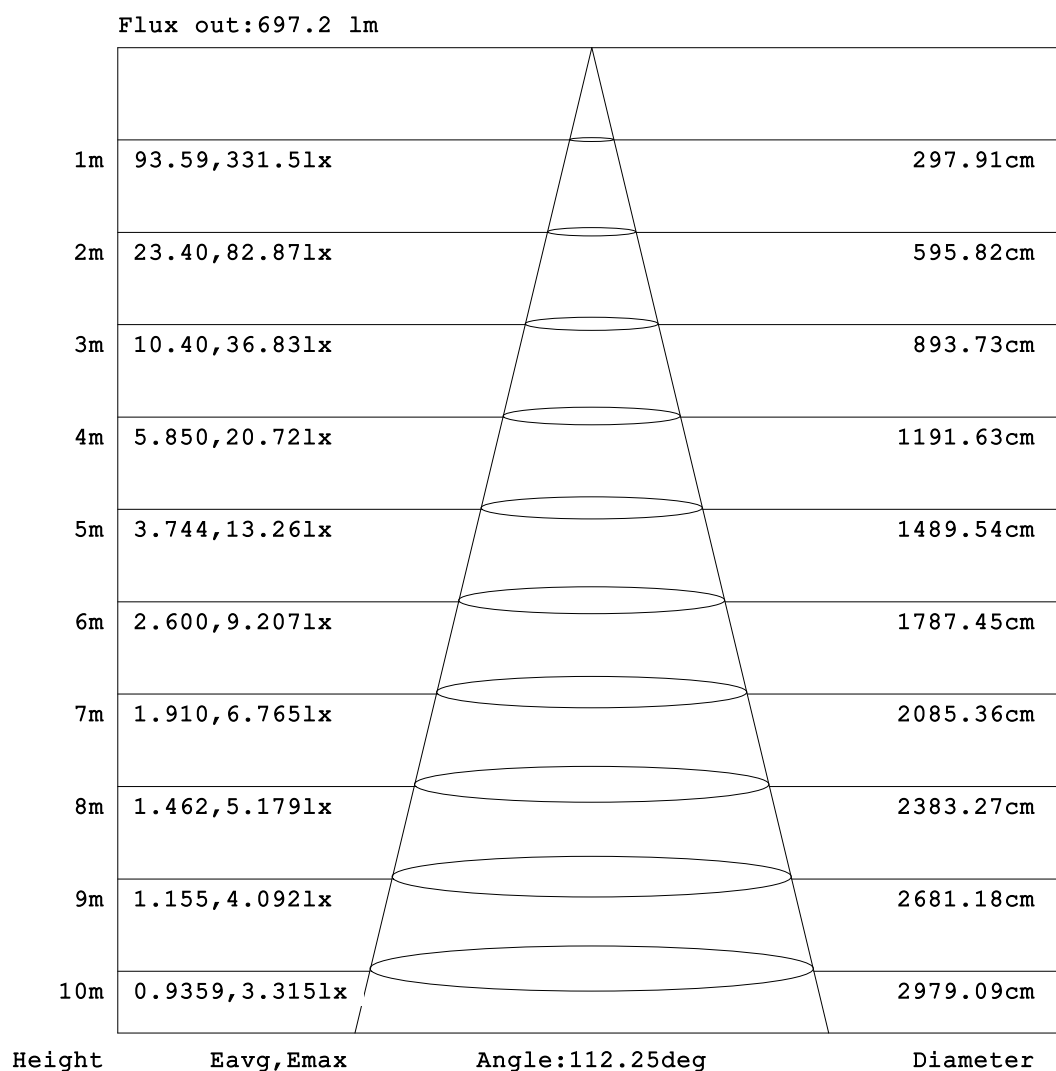
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



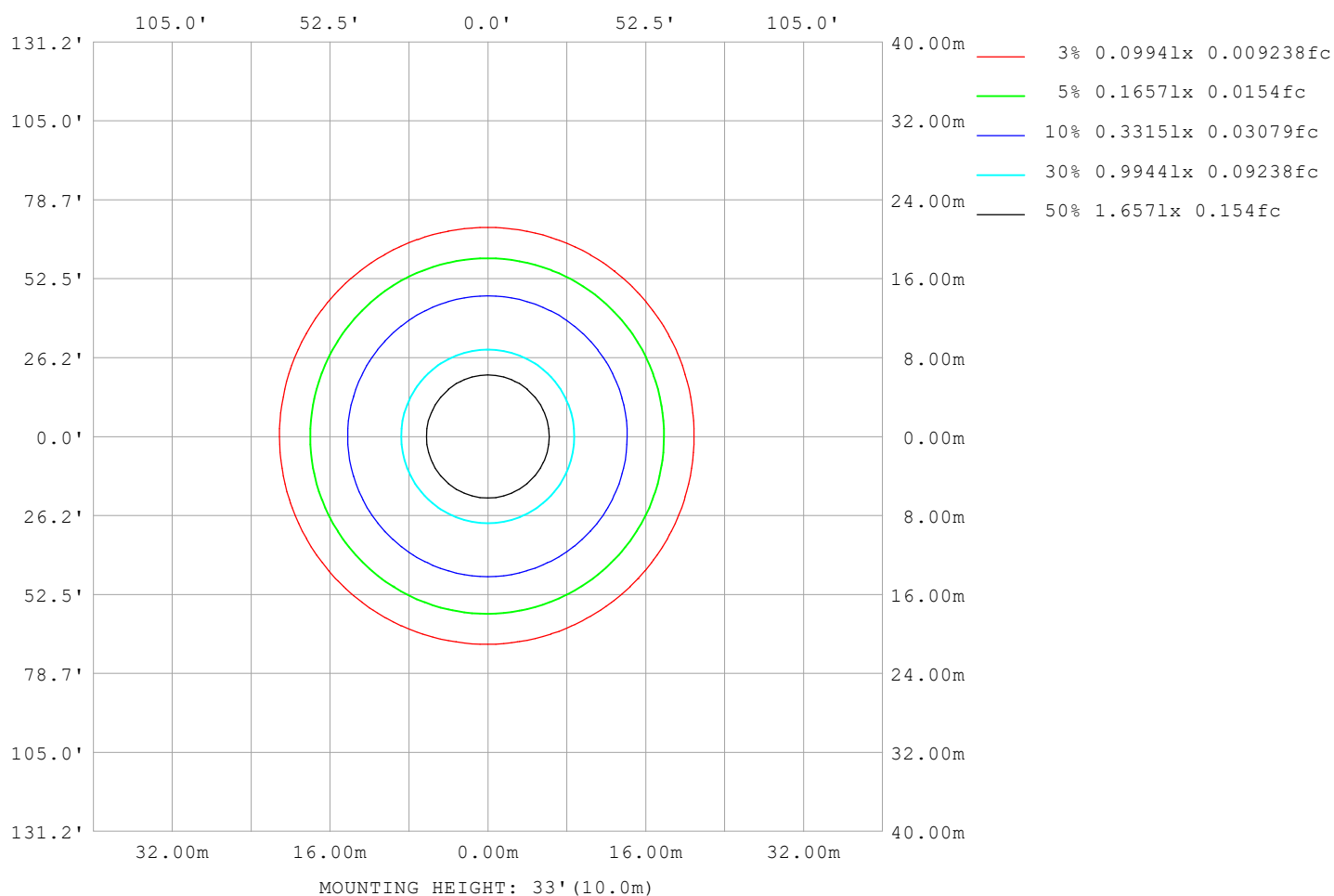
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	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: 2025-04-29

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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

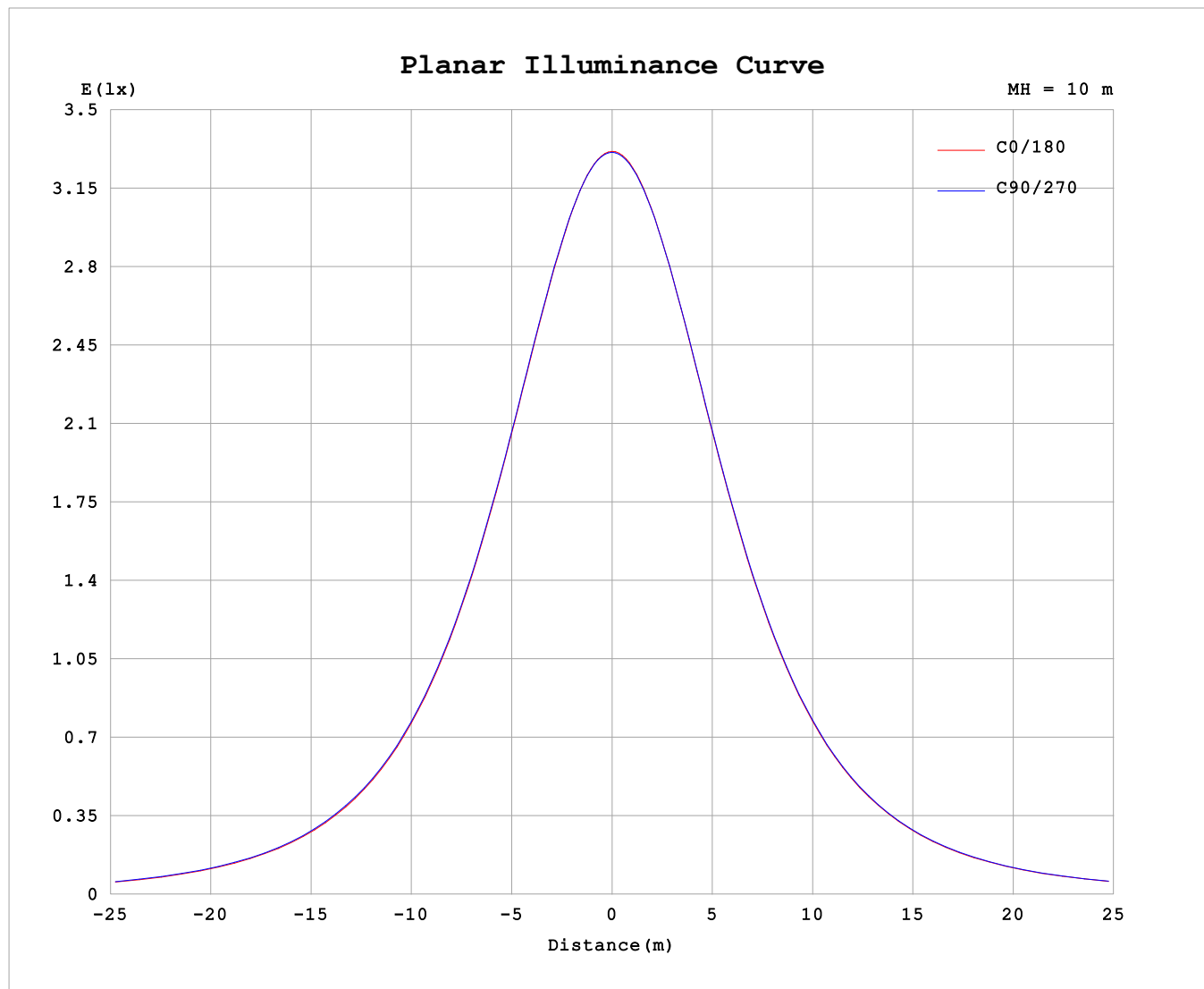
AvgL	cd/m2
L_0~180 (65) av	13202
L_0~180 (75) av	13024
L_0~180 (85) av	14078
L_90~270 (65) av	13461
L_90~270 (75) av	13446
L_90~270 (85) av	14602
L_45 (65) av	13387
L_45 (75) av	13322
L_45 (85) av	14540

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

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: 2025-04-29

$\gamma$  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:0.6245A P:14.99W PF:1.000 Freq:0Hz Lamp Flux:1018.79x1 lm		
NAME: SF33-24V-5050-84-2700k-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

Table--1

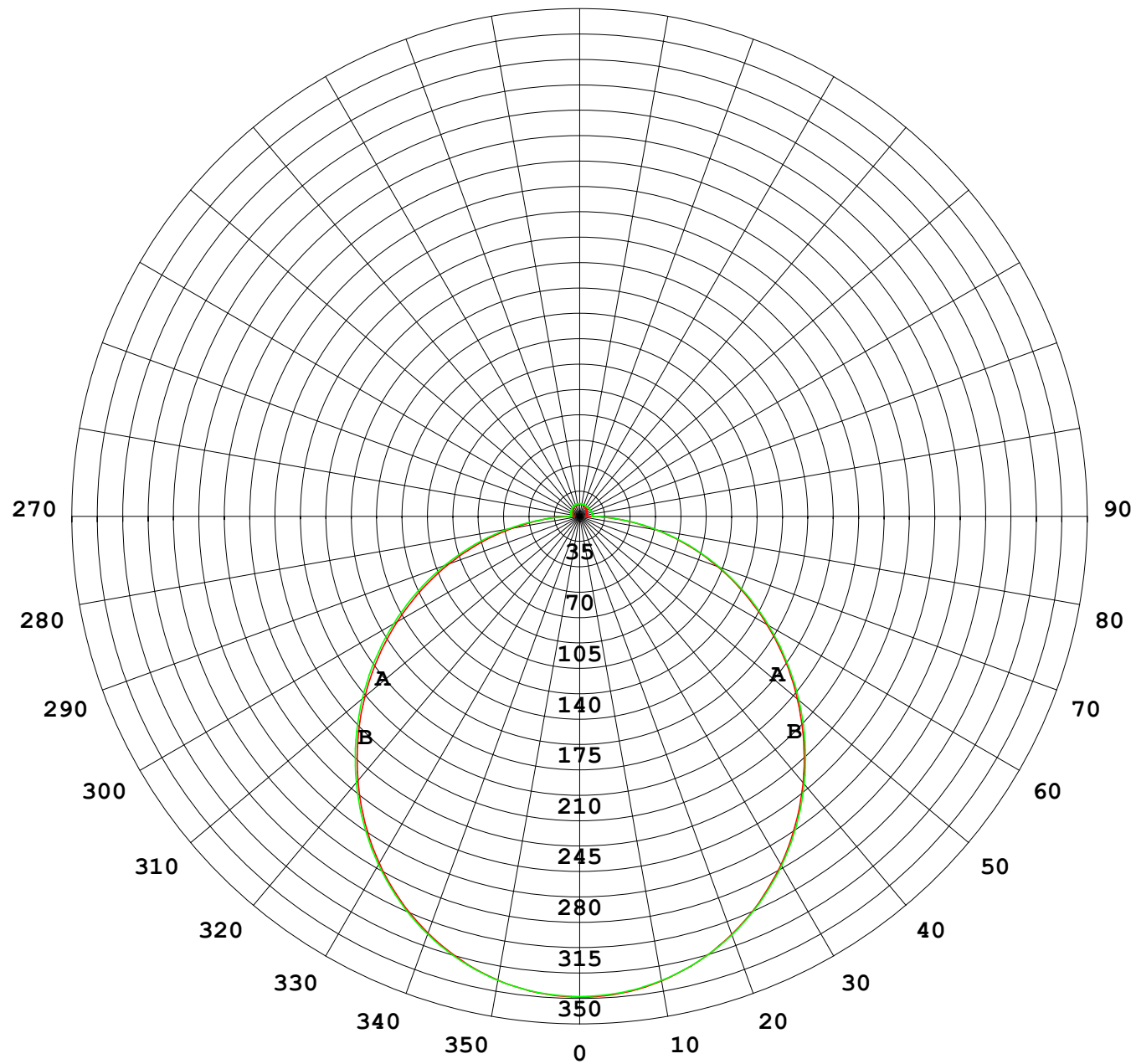
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	331	331	331	331	331	331	331	331	331	331	331	331							
5	329	330	330	330	330	330	330	329	330	330	330	330							
10	324	325	325	325	325	325	325	325	325	325	325	325							
15	316	317	317	317	317	317	317	317	318	318	318	317							
20	305	306	306	307	307	306	306	307	307	307	307	306							
25	292	293	293	293	293	293	293	293	294	294	294	293							
30	276	277	277	278	277	277	277	278	278	278	278	277							
35	258	259	259	260	259	259	259	260	261	261	261	259							
40	238	239	239	240	240	240	239	240	241	241	241	240							
45	216	217	217	218	218	218	218	219	220	220	220	218							
50	193	194	195	196	196	196	196	196	198	197	197	195							
55	169	170	171	172	173	173	173	173	175	174	174	172							
60	145	146	147	148	149	149	149	150	151	151	150	148							
65	120	121	122	124	125	125	125	126	127	127	126	123							
70	95.7	96.5	97.4	99.1	101	101	101	102	103	103	101	98.5							
75	71.0	71.9	72.8	74.6	76.4	77.0	77.4	78.4	79.1	78.5	76.9	73.9							
80	46.6	47.3	48.3	50.2	52.2	53.0	53.5	54.6	55.2	54.4	52.6	49.5							
85	24.6	24.7	24.2	25.7	27.8	28.9	29.4	30.6	31.3	30.3	28.5	26.7							
90	8.63	8.39	7.02	6.04	7.98	10.1	10.4	11.1	10.6	8.86	10.0	9.73							
95	4.44	4.88	5.74	6.11	6.03	5.64	4.23	5.90	7.77	8.74	7.71	5.40							
100	4.75	5.15	5.94	6.21	5.85	5.87	4.48	6.08	7.90	8.82	7.86	5.62							
105	5.09	5.43	6.15	6.36	5.68	6.09	4.77	6.29	8.03	8.88	7.95	5.84							
110	5.43	5.73	6.37	6.55	5.52	6.10	5.00	6.45	8.03	8.84	8.03	6.05							
115	5.76	6.01	6.58	6.76	5.45	6.03	5.04	6.41	8.21	8.79	8.03	6.23							
120	6.08	6.28	6.80	7.03	5.83	6.13	5.21	6.64	8.25	8.70	7.97	6.40							
125	6.38	6.55	7.00	7.18	6.70	6.42	5.74	6.89	8.27	8.59	7.93	6.55							
130	6.67	6.79	7.21	7.41	7.39	6.95	6.21	7.04	8.27	8.49	7.91	6.74							
135	6.93	6.98	7.40	7.73	7.76	7.45	6.54	7.21	8.27	8.39	7.89	6.71							
140	7.19	7.20	7.59	7.94	7.99	7.70	6.83	7.38	8.30	8.30	7.88	6.86							
145	7.43	7.40	7.77	8.10	8.15	7.91	7.11	7.56	8.34	8.24	7.88	7.00							
150	7.68	7.61	7.95	8.28	8.32	8.13	7.41	7.75	8.40	8.46	7.89	7.16							
155	7.92	7.83	8.18	8.42	8.48	8.34	7.72	7.94	8.48	8.55	8.26	7.33							
160	8.15	8.04	8.36	8.58	8.63	8.54	8.01	8.14	8.54	8.58	8.35	7.49							
165	8.33	8.24	8.55	8.72	8.75	8.71	8.28	8.31	8.59	8.61	8.45	7.74							
170	8.31	8.60	8.69	8.84	8.84	8.83	8.32	8.49	8.64	8.65	8.54	8.40							
175	8.45	8.74	8.81	8.90	8.90	8.86	8.47	8.67	8.73	8.71	8.70	8.64							
180	8.54	8.78	8.86	8.89	8.89	8.84	8.54	8.78	8.86	8.89	8.88	8.83							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-04-29

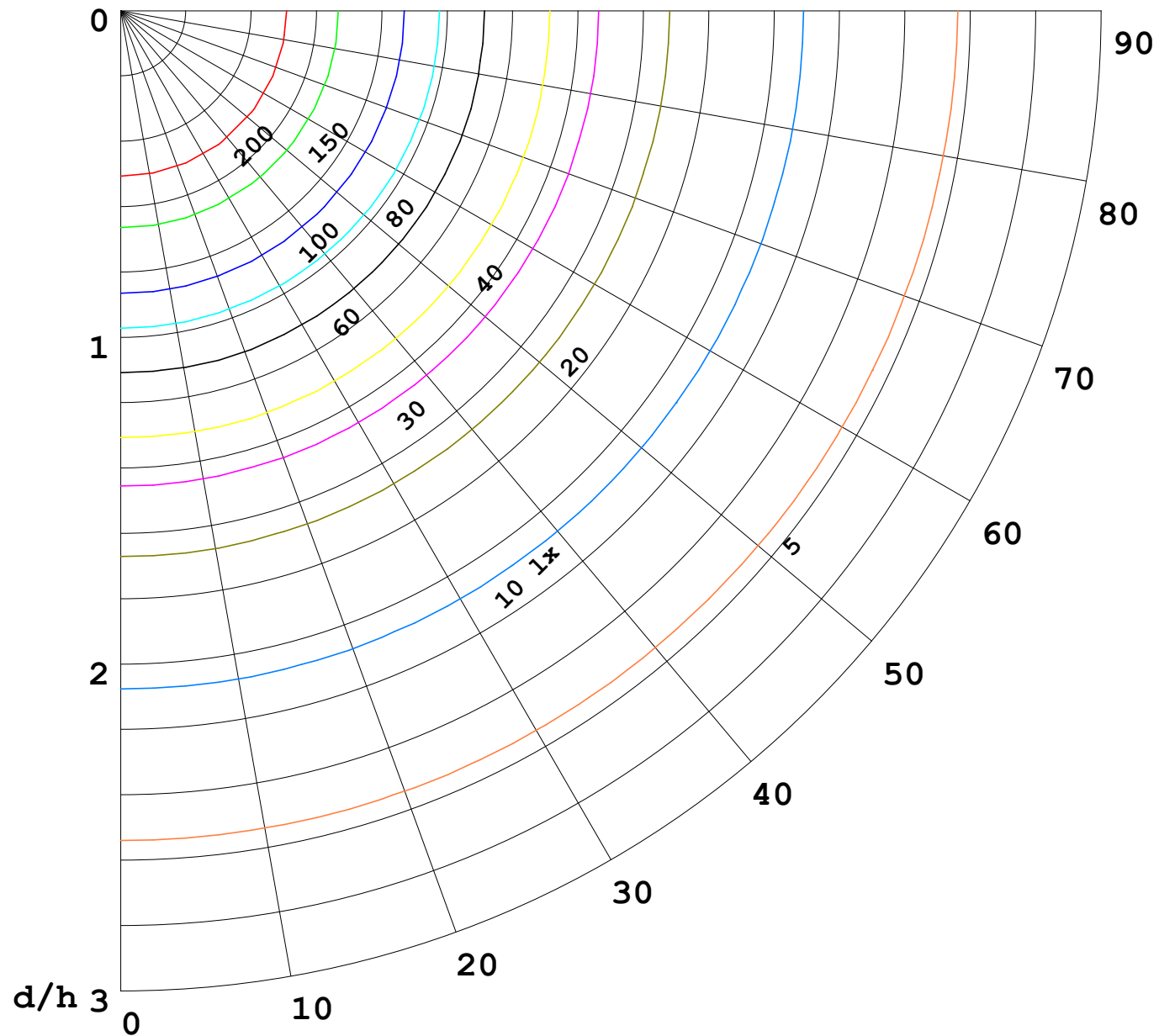
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

