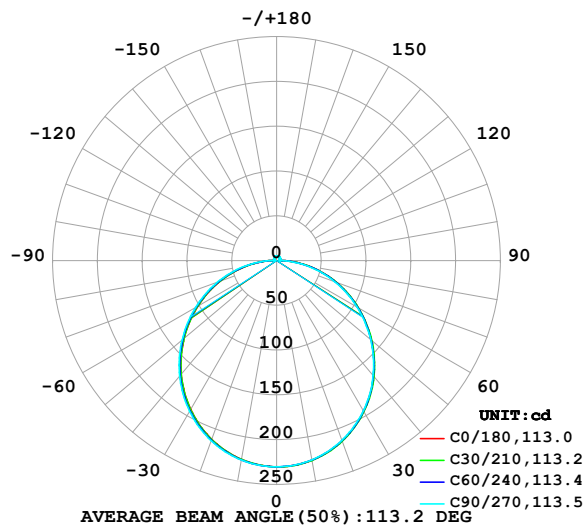


## LUMINAIRE PHOTOMETRIC TEST REPORT

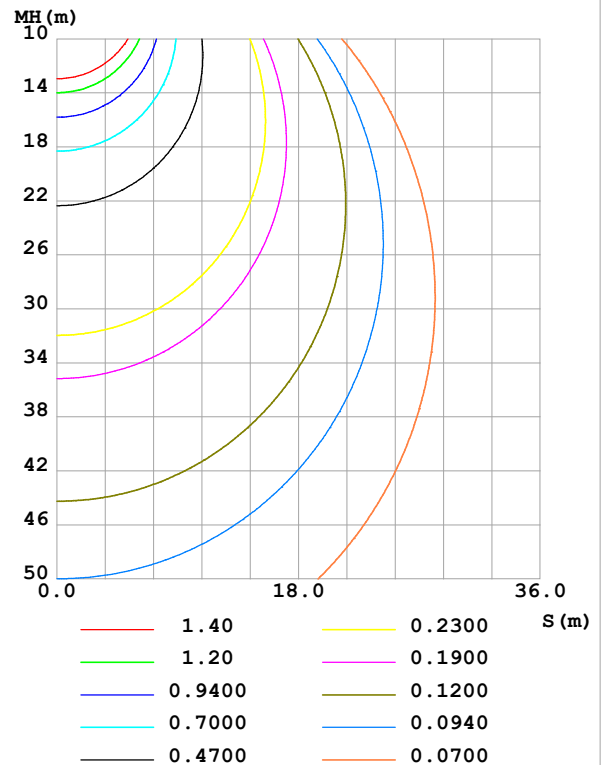
Test:U:24.00V I:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.48 lm/W			
MODEL	2835	Imax (cd)	230.3	S/MH(C0/180)	1.24
NOMINAL POWER(W)	22	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	704.15	$\eta$ UP,DN(C0-180)	1.8,48.2
NOMINAL FLUX(lm)	704.146	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.7,48.2
LAMPS INSIDE	1	$\eta$ up (%)	3.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		$\eta$ down (%)	96.4	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:2025-03-15

$\gamma$  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	226.4	226.4	226.0	225.5	225.5	225.7	226.2	226.7	0- 10	21.78	21.78	3.09,3.09
20	214.1	214.2	213.5	212.5	212.3	213.0	214.0	214.8	10- 20	62.30	84.08	11.9,11.9
30	194.5	194.6	193.7	192.3	191.9	192.9	194.4	195.3	20- 30	94.24	178.3	25.3,25.3
40	168.7	168.8	167.7	165.9	165.6	166.7	168.5	169.7	30- 40	113.5	291.8	41.4,41.4
50	138.3	138.3	137.1	135.0	134.8	135.9	137.8	139.3	40- 50	117.9	409.7	58.2,58.2
60	105.2	105.1	103.7	101.6	101.3	102.5	104.5	106.0	50- 60	107.9	517.6	73.5,73.5
70	70.90	70.62	69.16	67.11	66.95	67.99	69.95	71.64	60- 70	85.69	603.3	85.7,85.7
80	36.78	36.28	34.70	32.82	32.80	33.76	35.60	37.36	70- 80	55.00	658.3	93.5,93.5
90	8.199	6.506	3.405	5.337	6.255	5.344	3.367	7.041	80- 90	20.64	678.9	96.4,96.4
100	3.002	3.303	3.544	3.471	2.754	3.103	3.422	3.072	90-100	3.882	682.8	97,97
110	3.381	3.530	3.706	3.767	3.096	3.435	3.752	3.392	100-110	3.560	686.4	97.5,97.5
120	3.771	3.751	4.040	4.070	3.467	3.760	3.996	3.691	110-120	3.637	690.0	98,98
130	4.128	4.071	4.386	4.369	3.852	4.090	4.246	3.998	120-130	3.562	693.6	98.5,98.5
140	4.462	4.473	4.693	4.682	4.245	4.435	4.519	4.301	130-140	3.330	696.9	99,99
150	4.770	4.821	5.024	5.000	4.650	4.794	4.852	4.647	140-150	2.914	699.8	99.4,99.4
160	5.110	5.177	5.341	5.311	5.054	5.134	5.157	5.024	150-160	2.306	702.1	99.7,99.7
170	5.339	5.473	5.567	5.538	5.329	5.421	5.436	5.377	160-170	1.501	703.6	99.9,99.9
180	5.475	5.605	5.665	5.615	5.526	5.598	5.636	5.617	170-180	0.5256	704.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 351.16 lm

%lum = 49.9%

%lamp = 49.9%

Conical surface Flux(130deg): 563.84 lm

%lum = 80.1%

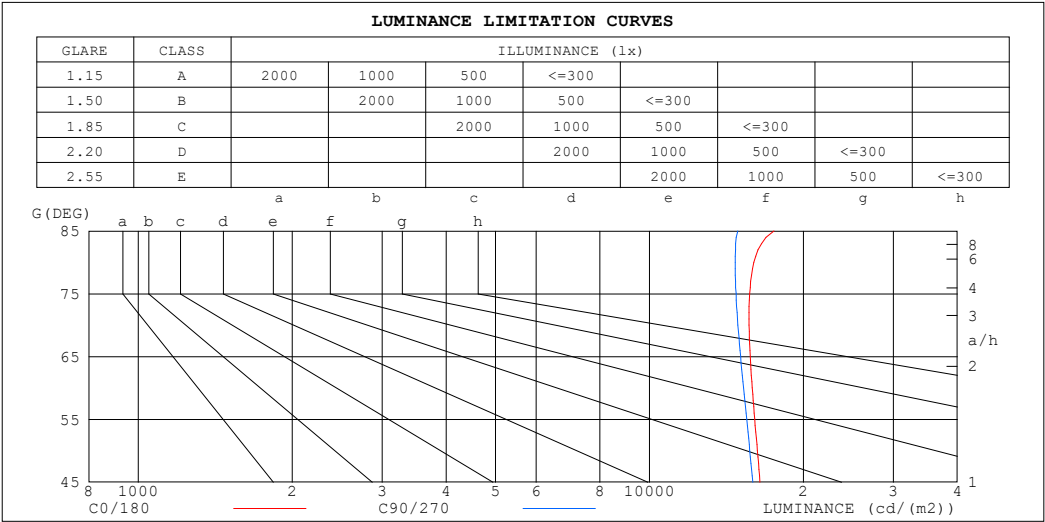
%lamp = 80.1%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2025-03-15

$\gamma$  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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



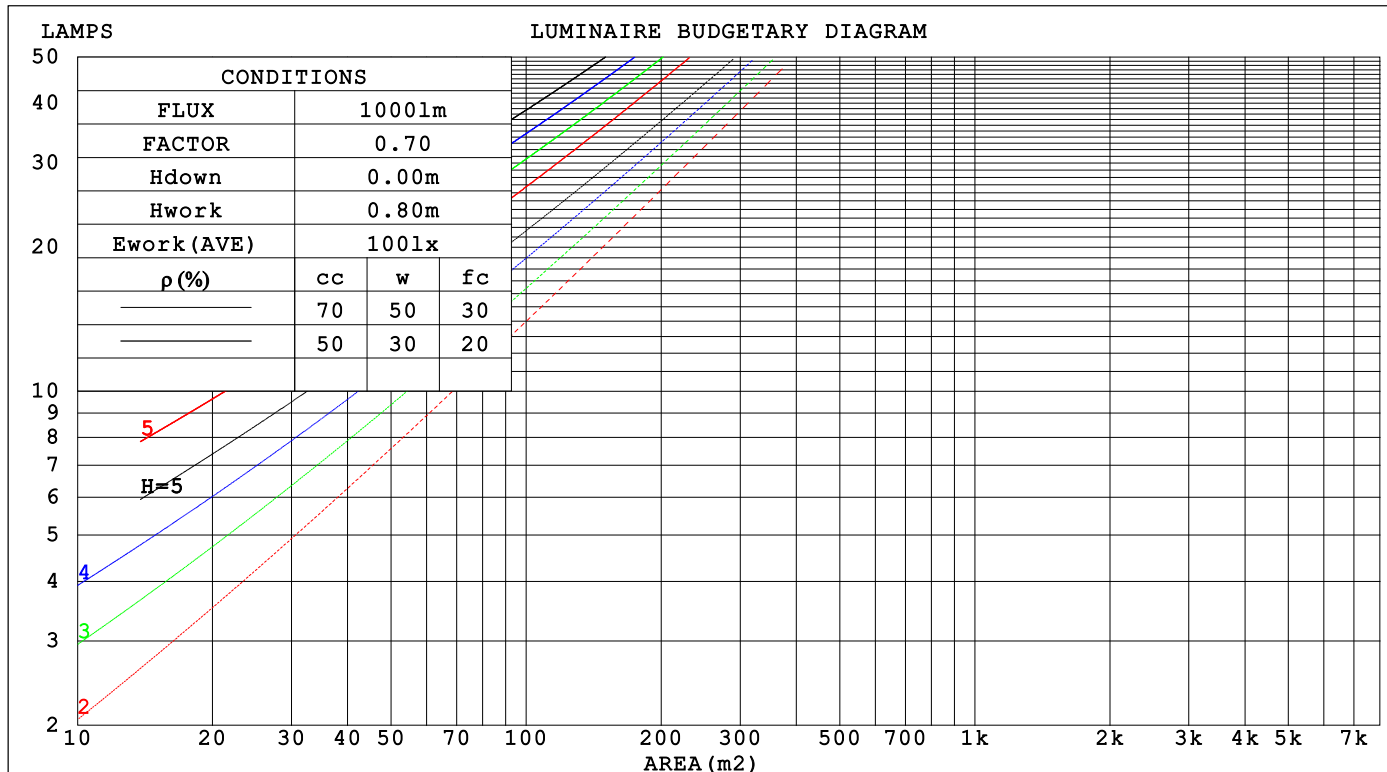
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	17533	14891
80	16005	14719
75	15706	14770
70	15662	14896
65	15749	15077
60	15894	15279
55	16065	15490
50	16257	15711
45	16449	15924

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:2025-03-15	Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	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	1.04	1.04	1.04	.99	.99	.99	.96														
1.0	1.02	.98	.94	.90	.95	.92	.95	.91	.88	.90	.87	.85	.86	.84	.82	.79														
2.0	.89	.82	.76	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65														
3.0	.78	.69	.63	.76	.68	.62	.72	.66	.60	.69	.63	.59	.66	.61	.57	.55														
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49	.47														
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	.44	.38	.33	.31														
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.30	.28														
9.0	.42	.33	.28	.41	.33	.28	.40	.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℃  
Operators:  
Test Date:2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	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	.326	.185	.059	.317	.181	.057	.302	.173	.055	.288	.166	.053	.275	.159	.051		
2.0	.301	.165	.051	.293	.162	.050	.280	.156	.048	.267	.150	.047	.256	.145	.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	.122	.037	.217	.118	.036		
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.201	.107	.032		
6.0	.215	.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	.181	.093	.027	.174	.090	.027		
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024		
9.0	.175	.084	.024	.171	.083	.023	.165	.082	.023	.159	.080	.023	.153	.078	.022		
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.144	.073	.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	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.209	.184	.161	.179	.157	.138	.122	.108	.096	.070	.063	.056	.023	.020	.018	
2.0	.201	.160	.125	.172	.137	.108	.118	.095	.075	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.101	.166	.123	.088	.114	.085	.062	.066	.050	.036	.021	.016	.012	
4.0	.186	.129	.086	.159	.112	.074	.110	.078	.052	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.171	.110	.067	.147	.096	.058	.101	.067	.041	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.061	.141	.090	.053	.098	.063	.038	.057	.037	.023	.018	.012	.007	
8.0	.158	.098	.057	.136	.085	.050	.094	.060	.035	.055	.035	.021	.018	.012	.007	
9.0	.151	.093	.053	.130	.081	.047	.090	.057	.033	.053	.033	.020	.017	.011	.007	
10.0	.146	.089	.051	.126	.077	.044	.087	.054	.031	.051	.032	.019	.016	.011	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm											
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL						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	22.8	24.3	23.1	24.6	24.8	22.6	24.1	22.9	24.4	24.7
	3H	24.5	25.9	24.9	26.2	26.5	24.3	25.7	24.7	26.0	26.3
	4H	25.3	26.6	25.6	26.9	27.2	25.0	26.4	25.4	26.7	27.0
	6H	25.9	27.2	26.3	27.5	27.9	25.7	26.9	26.0	27.2	27.6
	8H	26.2	27.4	26.6	27.7	28.1	25.9	27.1	26.3	27.4	27.8
	12H	26.4	27.6	26.8	27.9	28.3	26.1	27.2	26.5	27.6	28.0
4H	2H	23.4	24.7	23.8	25.1	25.4	23.3	24.6	23.7	24.9	25.3
	3H	25.3	26.5	25.7	26.9	27.2	25.2	26.3	25.6	26.7	27.1
	4H	26.3	27.3	26.7	27.7	28.1	26.0	27.1	26.5	27.5	27.9
	6H	27.1	28.0	27.5	28.4	28.9	26.8	27.7	27.3	28.2	28.6
	8H	27.4	28.3	27.9	28.7	29.2	27.1	28.0	27.6	28.4	28.9
	12H	27.7	28.5	28.2	28.9	29.4	27.3	28.2	27.8	28.6	29.1
8H	4H	26.6	27.5	27.1	27.9	28.4	26.4	27.3	26.9	27.7	28.2
	6H	27.6	28.3	28.1	28.8	29.3	27.4	28.1	27.9	28.6	29.1
	8H	28.0	28.7	28.6	29.2	29.7	27.8	28.4	28.3	28.9	29.4
	12H	28.5	29.0	29.0	29.5	30.1	28.1	28.7	28.7	29.2	29.7
12H	4H	26.6	27.4	27.1	27.9	28.4	26.4	27.2	26.9	27.7	28.2
	6H	27.7	28.3	28.2	28.8	29.3	27.5	28.1	28.0	28.6	29.1
	8H	28.2	28.8	28.7	29.3	29.8	27.9	28.5	28.5	29.0	29.6
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, 704.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.2)  
Area: 0.0135 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

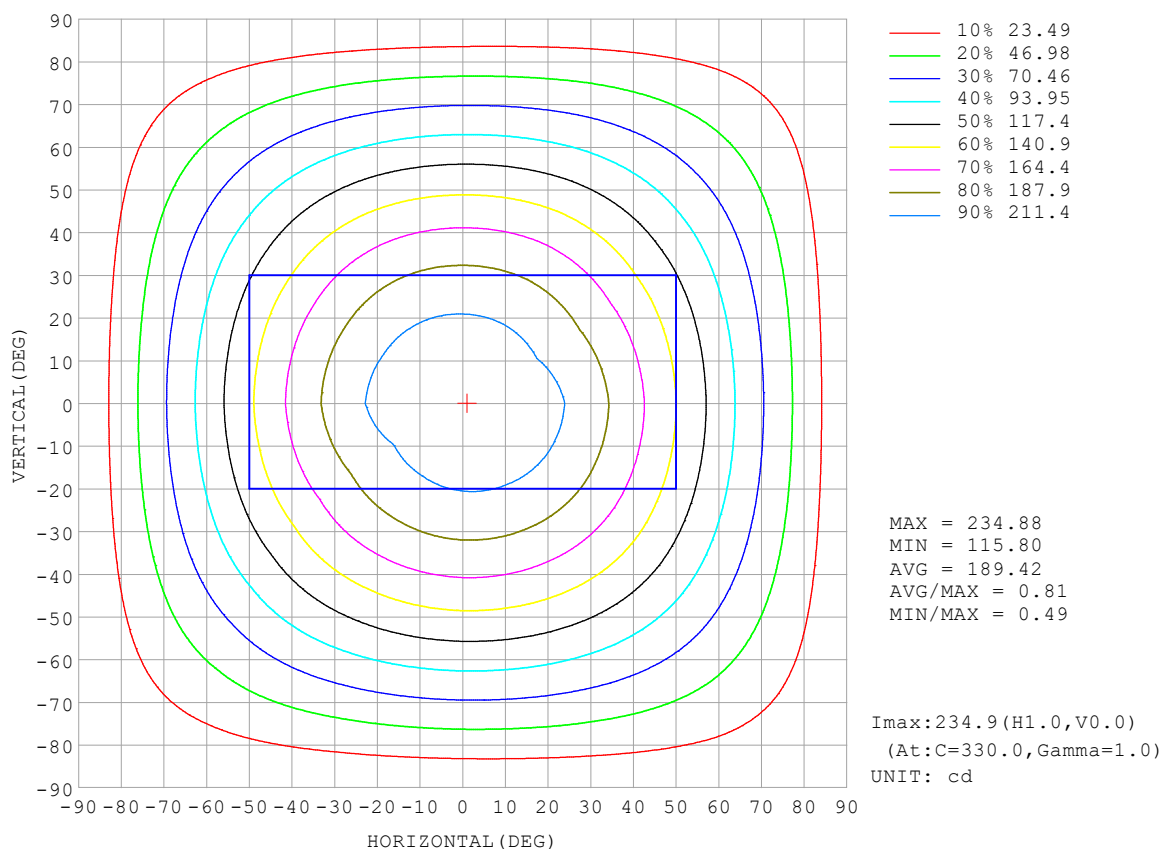
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	37	30
0.80	66	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	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	89	78
5.00	107	102	97	104	100	96	99	95	92	82
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: 2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



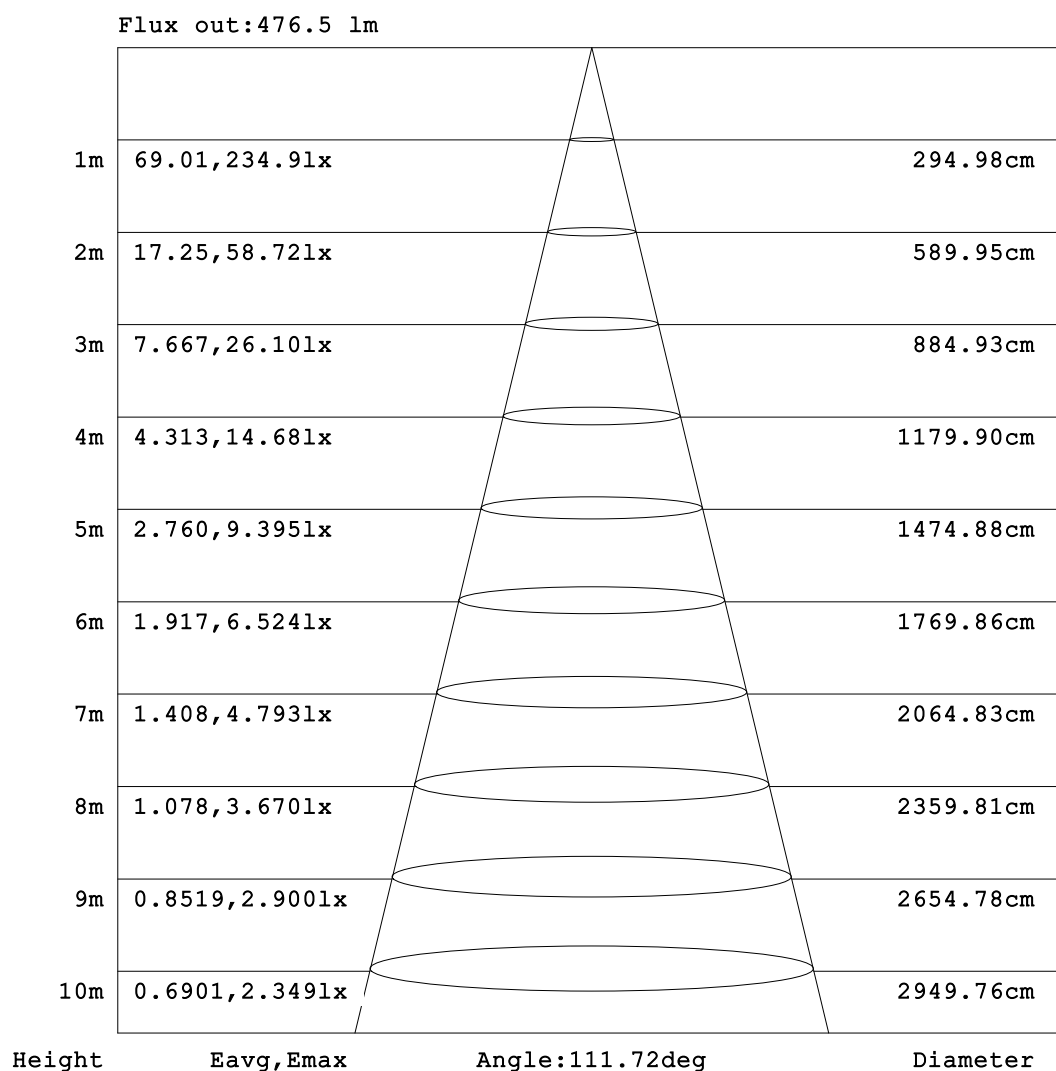
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146lx 1m		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



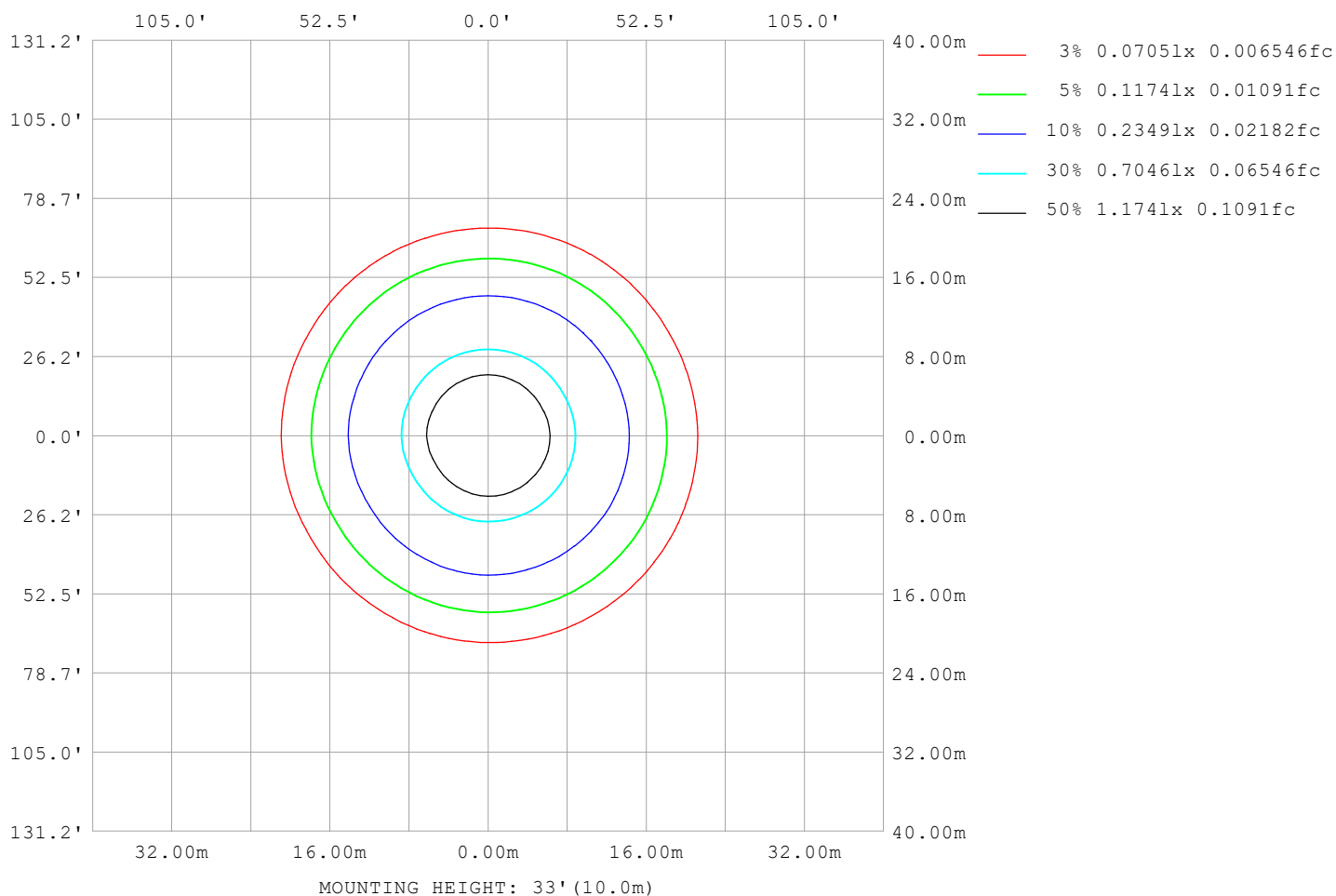
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	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: 2025-03-15

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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

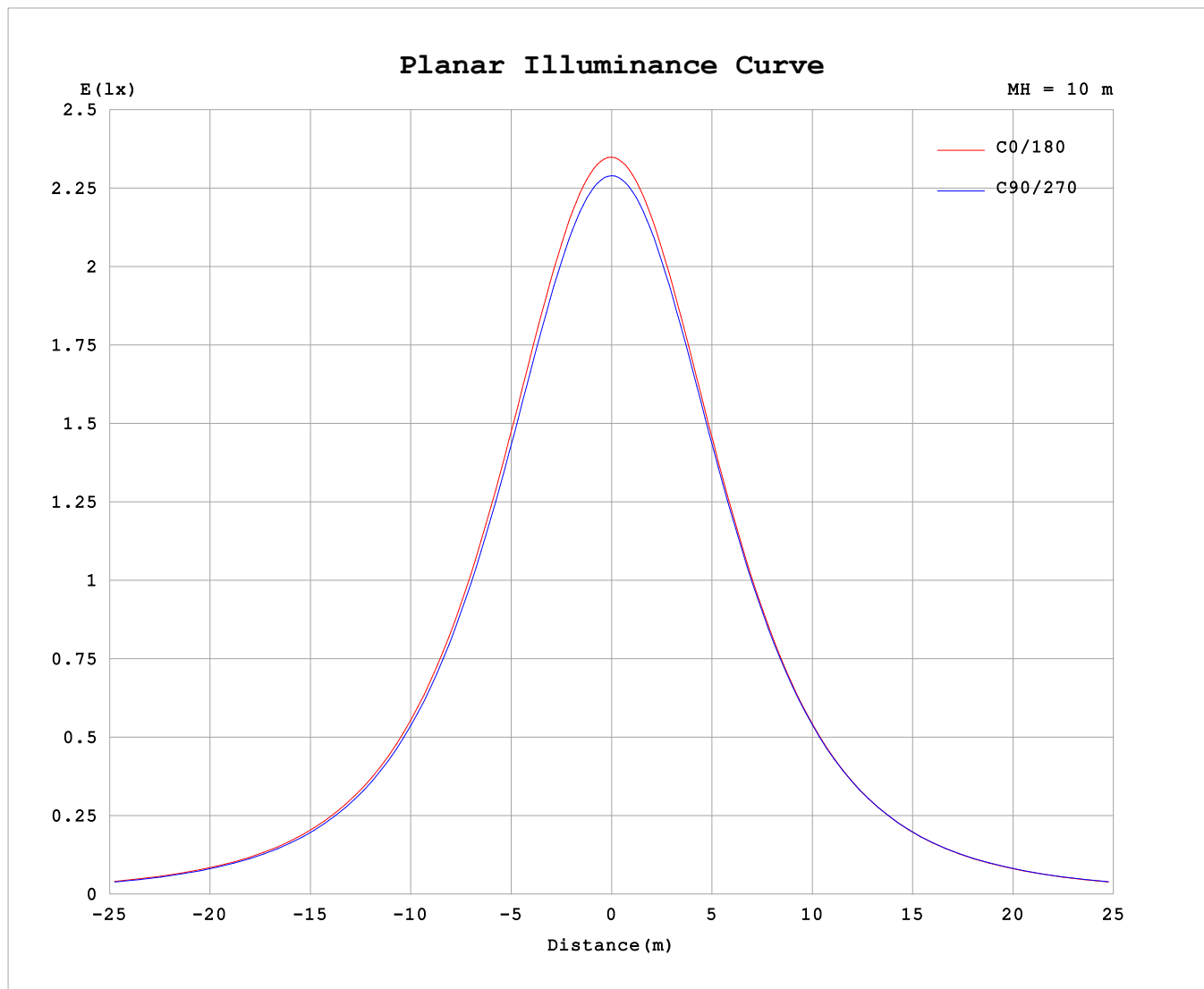
AvgL	cd/m2
L_0~180 (65) av	15098
L_0~180 (75) av	14826
L_0~180 (85) av	15666
L_90~270 (65) av	15226
L_90~270 (75) av	14971
L_90~270 (85) av	15408
L_45 (65) av	15183
L_45 (75) av	14929
L_45 (85) av	15518

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-15

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: 2025-03-15

$\gamma$  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:0.8764A P:21.03W PF:1.000 Freq:0Hz Lamp Flux:704.146x1 lm		
NAME: SF10-24V-5050-84-SPI-RGBW(4000K)-ALL	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

Table--1

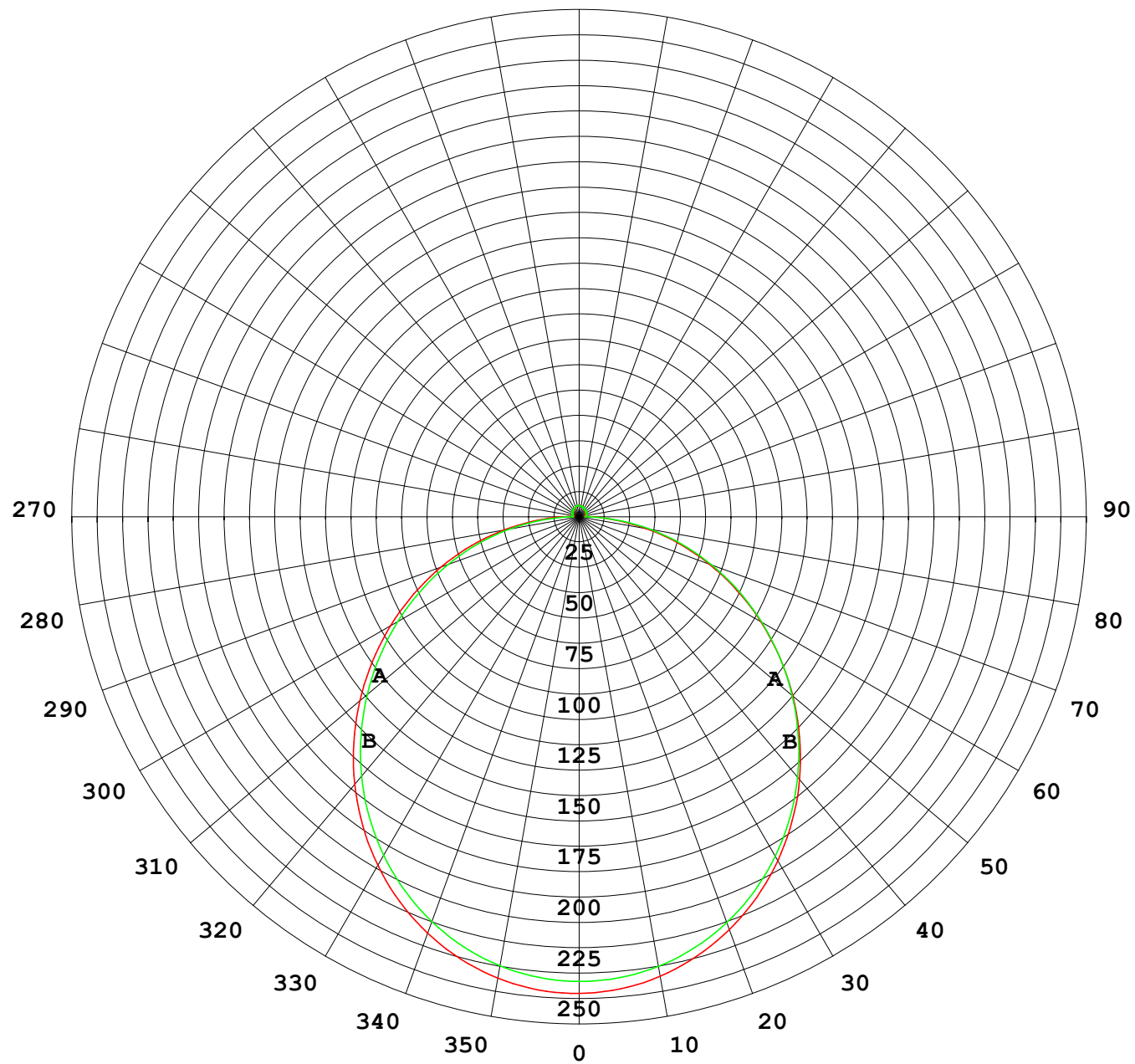
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	230	230	230	230	230	230	230	230	230	230	230	230							
5	229	230	229	229	229	229	229	229	229	229	230	230							
10	226	227	226	226	226	225	225	225	226	226	227	227							
15	221	222	221	221	220	220	220	220	221	221	222	222							
20	214	215	214	213	213	212	212	212	213	214	215	215							
25	205	206	205	204	203	203	203	203	204	205	206	206							
30	195	195	194	194	193	192	192	192	194	194	195	195							
35	182	183	182	181	180	180	179	180	181	182	183	183							
40	169	169	168	168	166	166	166	166	168	168	170	170							
45	154	155	153	153	151	151	151	151	153	154	155	155							
50	138	139	138	137	135	135	135	135	137	138	139	139							
55	122	122	121	121	119	118	118	119	120	121	123	123							
60	105	106	105	104	102	101	101	102	103	104	106	106							
65	88.1	88.4	87.4	86.5	84.8	84.0	84.2	84.4	86.1	87.2	88.9	89.0							
70	70.9	71.1	70.1	69.2	67.5	66.7	67.0	67.2	68.7	70.0	71.5	71.7							
75	53.8	54.0	52.8	51.9	50.3	49.6	49.8	50.1	51.5	52.7	54.3	54.6							
80	36.8	36.9	35.7	34.7	33.1	32.5	32.8	33.1	34.4	35.6	37.2	37.5							
85	20.2	20.1	18.7	17.6	16.2	16.2	16.6	16.5	17.5	18.6	20.2	20.7							
90	8.20	7.64	5.36	3.40	4.68	5.99	6.25	5.87	4.81	3.37	6.09	8.00							
95	3.01	3.11	3.30	3.48	3.47	3.17	2.60	2.79	3.13	3.24	3.12	2.90							
100	3.00	3.22	3.39	3.54	3.60	3.34	2.75	2.93	3.28	3.42	3.26	2.89							
105	3.19	3.35	3.49	3.61	3.73	3.50	2.92	3.09	3.46	3.60	3.40	3.05							
110	3.38	3.44	3.62	3.71	3.87	3.67	3.10	3.25	3.62	3.75	3.57	3.21							
115	3.57	3.53	3.76	3.86	4.00	3.85	3.28	3.43	3.78	3.87	3.72	3.37							
120	3.77	3.68	3.82	4.04	4.13	4.01	3.47	3.60	3.92	4.00	3.84	3.54							
125	3.96	3.84	3.90	4.22	4.26	4.18	3.66	3.78	4.07	4.12	3.97	3.69							
130	4.13	4.02	4.12	4.39	4.40	4.34	3.85	3.96	4.22	4.25	4.12	3.88							
135	4.30	4.16	4.39	4.54	4.54	4.51	4.05	4.14	4.38	4.38	4.27	4.00							
140	4.46	4.38	4.57	4.69	4.69	4.67	4.24	4.33	4.54	4.52	4.42	4.18							
145	4.62	4.57	4.72	4.86	4.85	4.84	4.45	4.52	4.71	4.67	4.58	4.37							
150	4.77	4.77	4.88	5.02	5.00	5.00	4.65	4.70	4.88	4.85	4.75	4.55							
155	4.95	4.98	5.05	5.19	5.16	5.16	4.85	4.89	5.05	5.01	4.95	4.74							
160	5.11	5.14	5.21	5.34	5.30	5.32	5.05	5.06	5.21	5.16	5.12	4.92							
165	5.28	5.29	5.35	5.47	5.43	5.45	5.25	5.23	5.35	5.31	5.28	5.11							
170	5.34	5.48	5.47	5.57	5.53	5.55	5.33	5.37	5.47	5.44	5.42	5.33							
175	5.43	5.57	5.55	5.65	5.59	5.61	5.46	5.49	5.58	5.54	5.54	5.47							
180	5.48	5.60	5.61	5.67	5.62	5.61	5.53	5.56	5.64	5.64	5.64	5.59							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2025-03-15

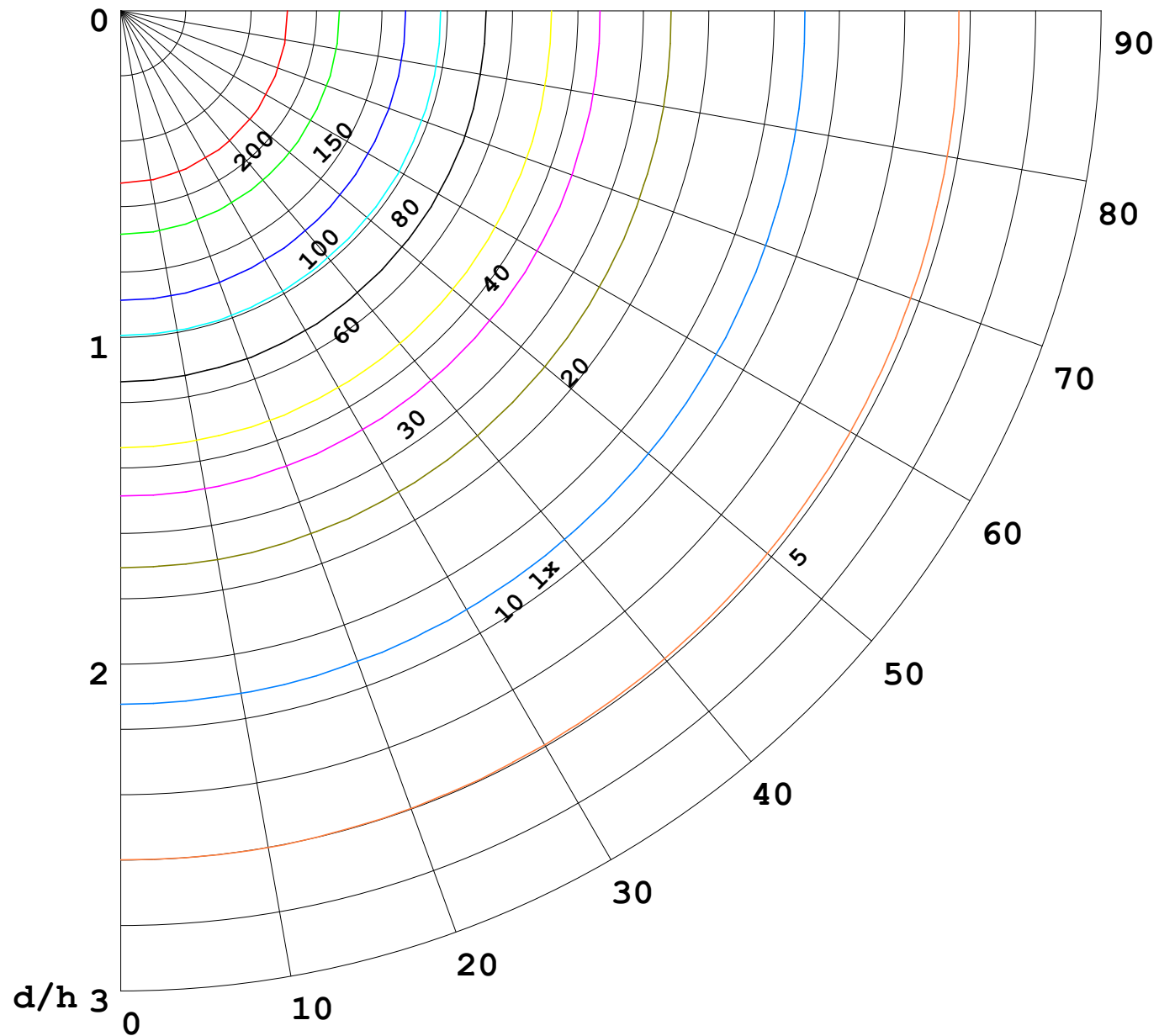
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

