



## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	44.36	44.52	44.49	44.34	44.79	44.61	44.55	44.69	0- 10	4.292	4.292	3.3,3.3
20	41.68	41.90	41.62	41.65	42.57	42.10	41.61	42.13	10- 20	12.25	16.55	12.7,12.7
30	37.61	37.74	37.29	37.59	38.90	38.20	37.07	38.04	20- 30	18.45	34.99	26.9,26.9
40	32.37	32.48	31.63	32.39	33.97	33.13	31.16	32.92	30- 40	22.10	57.09	43.8,43.8
50	26.18	26.42	25.12	26.26	27.97	27.07	24.26	27.16	40- 50	22.84	79.93	61.4,61.4
60	19.32	19.73	17.92	19.39	21.19	20.19	16.75	20.50	50- 60	20.62	100.6	77.2,77.2
70	12.05	12.56	10.38	12.02	13.85	12.80	9.198	13.36	60- 70	15.76	116.3	89.3,89.3
80	5.157	5.561	3.427	5.026	6.622	5.548	2.397	6.219	70- 80	9.116	125.4	96.3,96.3
90	1.279	1.151	0.4122	1.030	1.631	0.9856	0.2016	1.224	80- 90	2.930	128.4	98.6,98.6
100	0.5995	0.6668	0.5077	0.7409	0.4980	0.5031	0.2310	0.4600	90-100	0.7220	129.1	99.1,99.1
110	0.6094	0.6869	0.5871	0.7309	0.5003	0.5138	0.3260	0.4859	100-110	0.5871	129.7	99.6,99.6
120	0.6734	0.4123	0.6081	0.4736	0.5026	0.1500	0.0734	0.2799	110-120	0.5201	130.2	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0196	130.2	100,100
140	0	0	0	0	0	0	0	0	130-140	0	130.2	100,100
150	0	0	0	0	0	0	0	0	140-150	0	130.2	100,100
160	0	0	0	0	0	0	0	0	150-160	0	130.2	100,100
170	0	0	0	0	0	0	0	0	160-170	0	130.2	100,100
180	0	0	0	0	0	0	0	0	170-180	0	130.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 68.605 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 100.55 lm

%lum = 77.2%

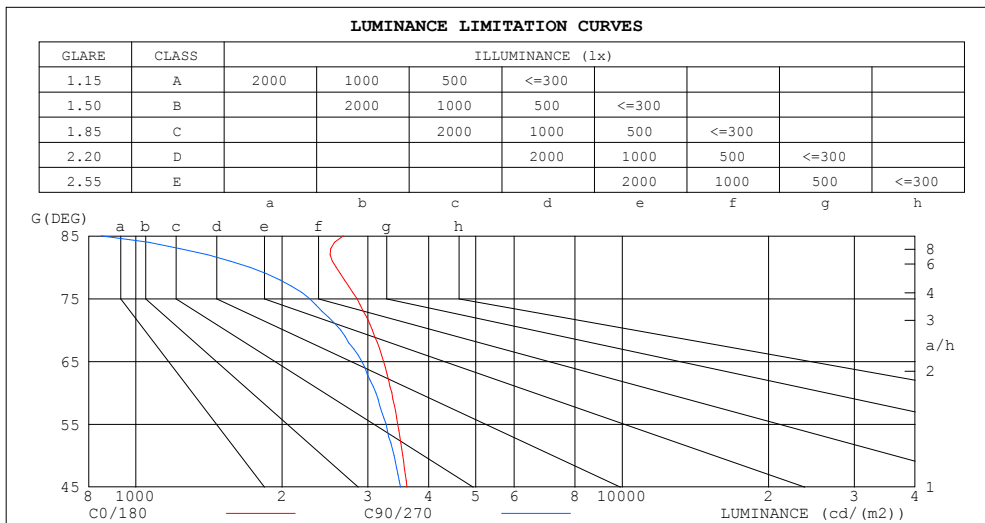
%lamp = 77.2%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LPC  
 Test Date:2021-12-23

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2672	850
80	2583	1716
75	2848	2276
70	3063	2638
65	3232	2917
60	3359	3116
55	3457	3269
50	3541	3398
45	3612	3502

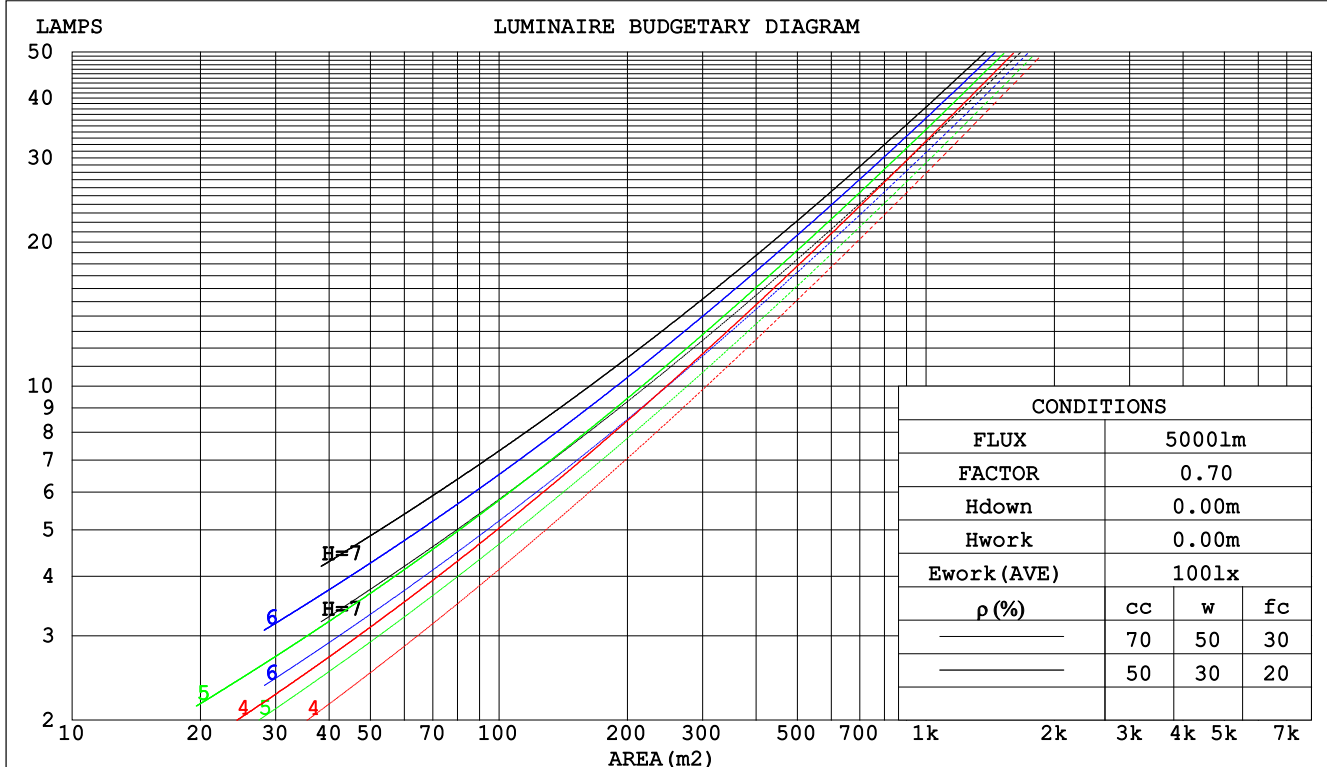
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LPC  
Test Date:2021-12-23

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LPC  
 Test Date:2021-12-23

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	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	.313	.178	.056	.306	.174	.055	.292	.167	.053	.279	.161	.052	.267	.155	.050		
2.0	.293	.161	.049	.286	.158	.049	.274	.152	.047	.262	.147	.046	.252	.142	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.249	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.107	.032		
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.194	.101	.030	.187	.099	.029		
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.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	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022		
1.0	.191	.167	.145	.164	.143	.125	.112	.099	.086	.064	.057	.050	.021	.018	.016		
2.0	.183	.143	.109	.157	.123	.094	.108	.085	.066	.062	.050	.038	.020	.016	.013		
3.0	.176	.125	.085	.151	.108	.074	.103	.075	.052	.060	.044	.031	.019	.014	.010		
4.0	.168	.112	.069	.144	.097	.060	.099	.067	.042	.057	.040	.025	.018	.013	.008		
5.0	.161	.102	.058	.138	.088	.051	.095	.061	.036	.055	.036	.021	.018	.012	.007		
6.0	.153	.093	.050	.132	.081	.044	.091	.057	.031	.053	.033	.018	.017	.011	.006		
7.0	.147	.086	.044	.126	.075	.039	.087	.053	.027	.051	.031	.016	.016	.010	.005		
8.0	.140	.081	.040	.121	.070	.035	.083	.049	.025	.049	.029	.015	.016	.010	.005		
9.0	.134	.076	.036	.115	.066	.032	.080	.046	.023	.047	.027	.013	.015	.009	.004		
10.0	.128	.071	.034	.111	.062	.029	.077	.044	.021	.045	.026	.012	.015	.008	.004		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LPC  
 Test Date:2021-12-23

γ Range: 0 - 120DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm											
NAME: SF15-24V-2835-120-2700+5700-80-2700						TYPE:硅胶			WEIGHT:		
SPEC.:						DIM.: 21mm*11.5mm			SERIAL No.:2021122311		
MFR.: OLYMPIA						SUR.:1*0.0115			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		24.2	25.7	24.5	25.9	26.2	24.0	25.5	24.3	25.7	26.0
	3H	25.7	27.1	26.1	27.4	27.7	25.4	26.8	25.7	27.0	27.3
	4H	26.3	27.7	26.7	27.9	28.2	25.9	27.2	26.2	27.5	27.8
	6H	26.8	28.0	27.1	28.3	28.6	26.2	27.4	26.5	27.7	28.0
	8H	26.9	28.1	27.3	28.4	28.8	26.2	27.4	26.6	27.7	28.0
	12H	27.0	28.2	27.4	28.5	28.9	26.2	27.3	26.6	27.7	28.0
4H	2H	24.8	26.2	25.2	26.4	26.7	24.7	26.0	25.0	26.3	26.6
	3H	26.6	27.7	26.9	28.0	28.4	26.3	27.5	26.7	27.8	28.1
	4H	27.3	28.4	27.7	28.7	29.1	26.9	28.0	27.3	28.3	28.7
	6H	27.9	28.8	28.3	29.2	29.6	27.4	28.3	27.8	28.7	29.1
	8H	28.1	29.0	28.5	29.4	29.8	27.4	28.3	27.9	28.7	29.1
	12H	28.2	29.1	28.7	29.5	29.9	27.5	28.3	27.9	28.7	29.1
8H	4H	27.6	28.5	28.0	28.9	29.3	27.3	28.2	27.7	28.6	29.0
	6H	28.3	29.1	28.8	29.5	30.0	27.9	28.6	28.4	29.0	29.5
	8H	28.6	29.3	29.1	29.7	30.2	28.1	28.7	28.6	29.2	29.7
	12H	28.9	29.5	29.4	29.9	30.4	28.2	28.7	28.7	29.2	29.7
12H	4H	27.6	28.4	28.1	28.8	29.3	27.3	28.1	27.8	28.5	29.0
	6H	28.4	29.1	28.9	29.5	30.0	28.0	28.6	28.5	29.1	29.6
	8H	28.8	29.3	29.3	29.8	30.3	28.2	28.8	28.7	29.3	29.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 130.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.1)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LPC  
 Test Date:2021-12-23

γ Range: 0 - 120DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

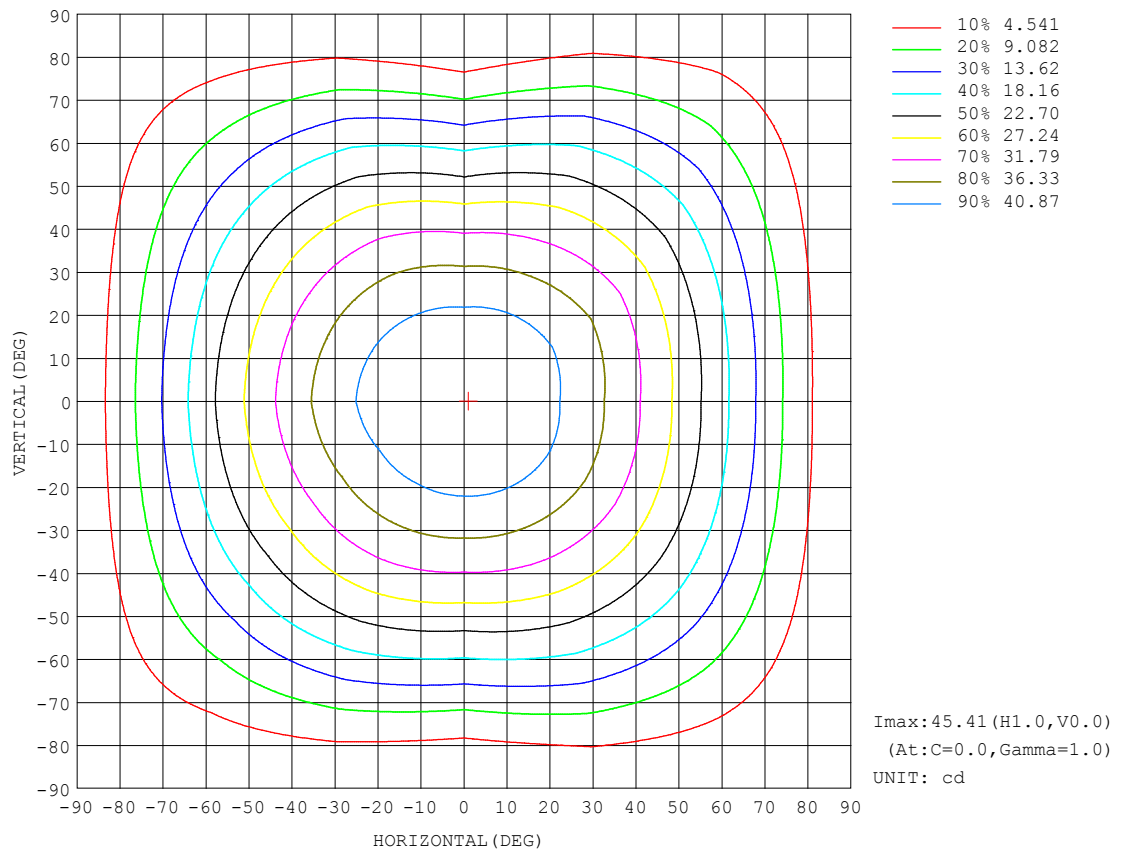
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	84
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: 25.3DEG  
 Operators: LPC  
 Test Date: 2021-12-23

γ Range: 0 - 120DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



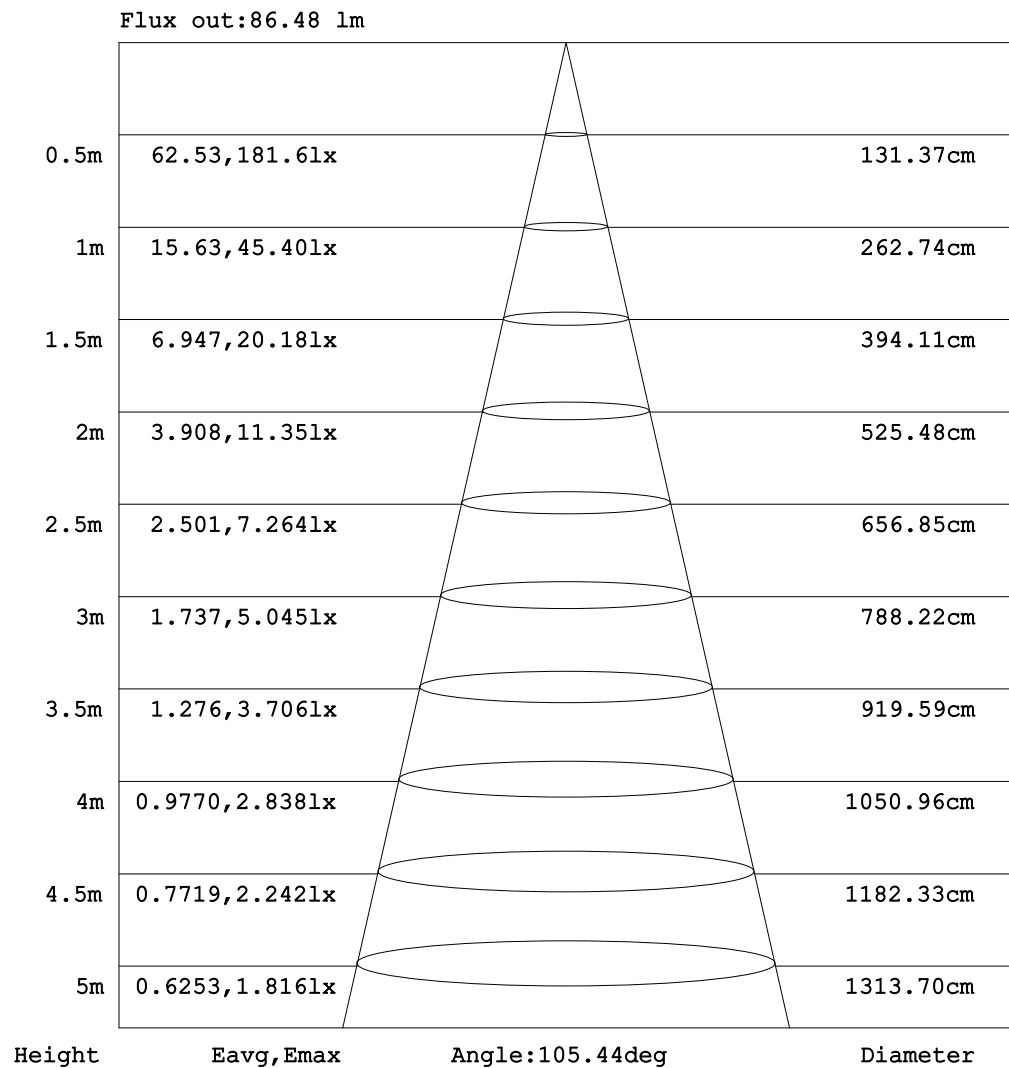
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LPC  
Test Date: 2021-12-23

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



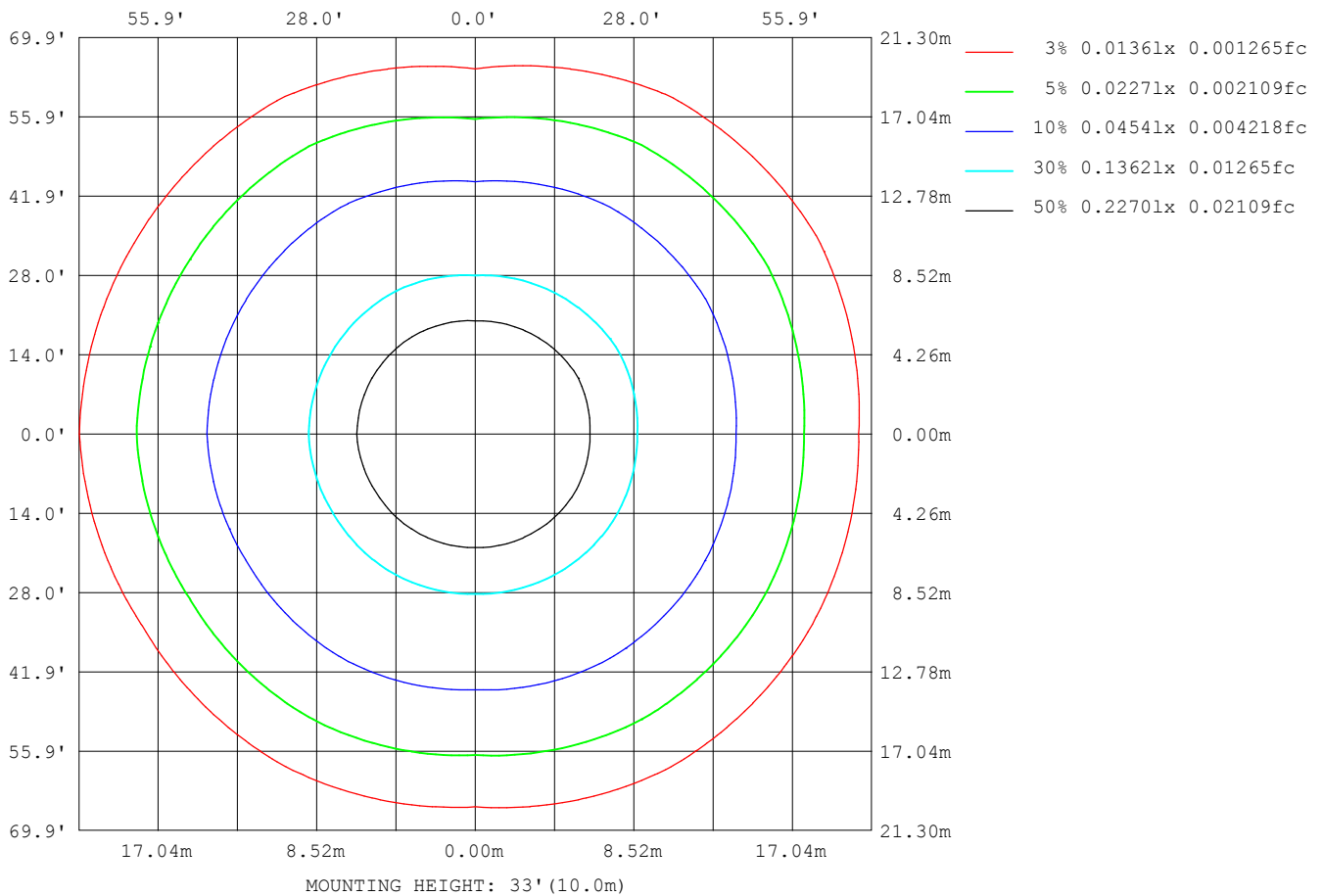
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LPC  
 Test Date: 2021-12-23

γ Range: 0 - 120DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LPC  
Test Date:2021-12-23

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

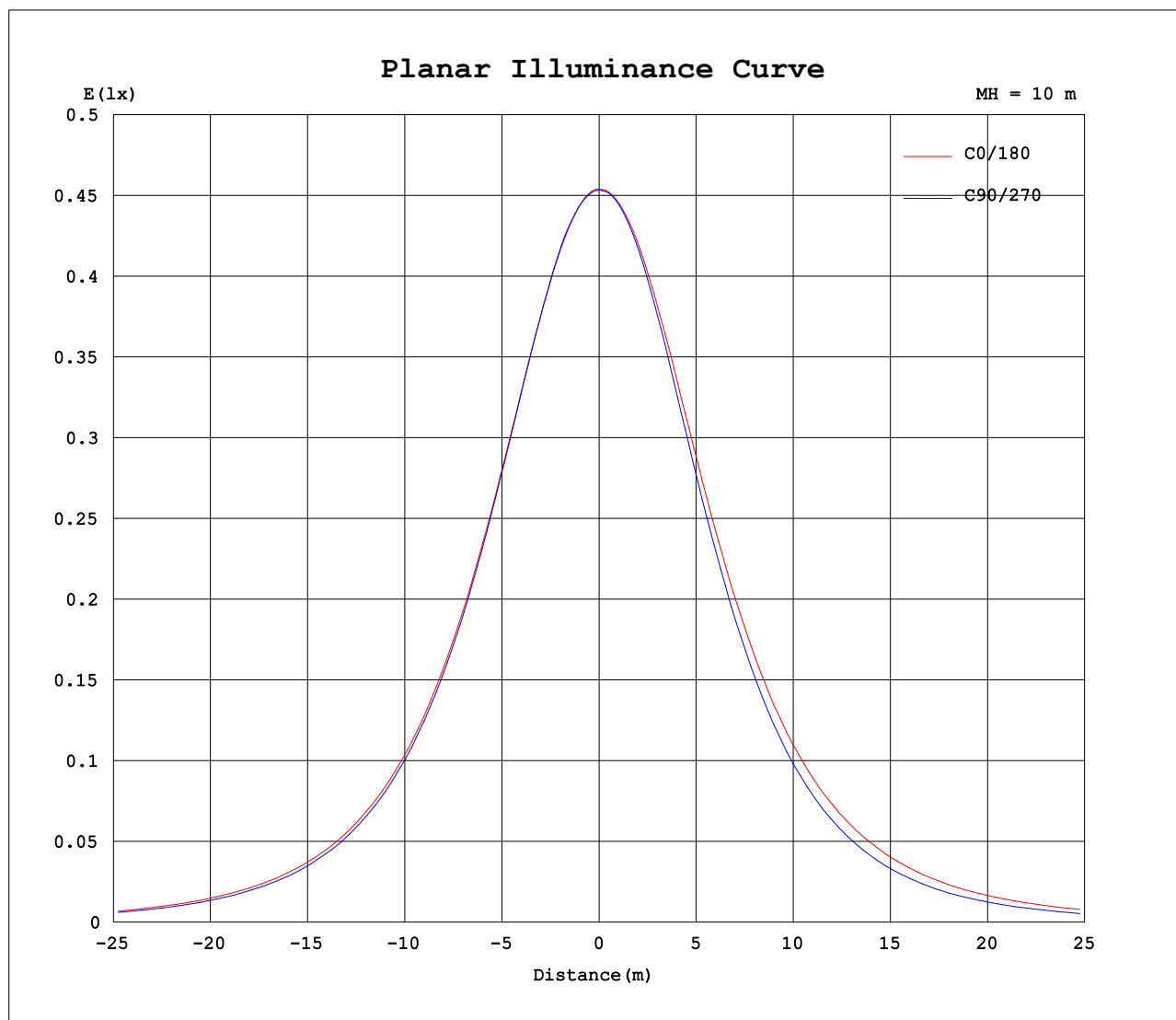
AvgL	cd/m2
L_0~180 (65) av	3421
L_0~180 (75) av	3126
L_0~180 (85) av	3178
L_90~270 (65) av	2796
L_90~270 (75) av	2074
L_90~270 (85) av	614
L_45 (65) av	3401
L_45 (75) av	3094
L_45 (85) av	2833

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LPC  
Test Date:2021-12-23

γ Range: 0 - 120DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LPC  
Test Date: 2021-12-23

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3251A P:7.802W PF:1.000 Freq:50.00Hz Lamp Flux:130.207x1 lm		
NAME: SF15-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122311
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	45.4	45.4	45.4	45.3	45.3	45.3	45.4	45.4	45.4	45.3	45.3	45.3						
5	45.1	45.1	45.2	45.1	45.1	45.0	45.3	45.3	45.2	45.2	45.2	45.3						
10	44.4	44.5	44.6	44.5	44.4	44.3	44.8	44.7	44.5	44.5	44.7	44.7						
15	43.2	43.4	43.4	43.3	43.2	43.2	43.9	43.7	43.4	43.3	43.5	43.7						
20	41.7	42.0	41.8	41.6	41.6	41.7	42.6	42.3	41.9	41.6	42.0	42.3						
25	39.8	40.1	39.9	39.6	39.7	39.9	40.9	40.6	40.1	39.5	40.0	40.5						
30	37.6	37.9	37.6	37.3	37.5	37.7	38.9	38.5	37.9	37.1	37.6	38.4						
35	35.1	35.4	35.0	34.6	35.0	35.2	36.6	36.1	35.5	34.2	35.0	36.2						
40	32.4	32.7	32.2	31.6	32.2	32.5	34.0	33.4	32.8	31.2	32.3	33.6						
45	29.4	29.8	29.3	28.5	29.3	29.6	31.1	30.5	29.9	27.8	29.6	30.7						
50	26.2	26.6	26.2	25.1	26.1	26.4	28.0	27.3	26.8	24.3	26.7	27.6						
55	22.8	23.3	23.0	21.6	22.8	23.0	24.7	24.0	23.5	20.6	23.5	24.3						
60	19.3	19.8	19.6	17.9	19.3	19.5	21.2	20.4	20.0	16.7	20.1	20.9						
65	15.7	16.3	16.1	14.2	15.6	15.8	17.5	16.8	16.3	13.0	16.6	17.4						
70	12.0	12.6	12.5	10.4	12.0	12.1	13.8	13.0	12.6	9.20	13.0	13.7						
75	8.48	9.05	8.95	6.77	8.32	8.47	10.1	9.30	8.82	5.57	9.41	10.1						
80	5.16	5.61	5.51	3.43	4.91	5.14	6.62	5.83	5.27	2.40	5.90	6.53						
85	2.68	2.83	2.62	0.85	2.22	2.61	3.69	3.02	2.32	0.38	2.80	3.47						
90	1.28	1.26	1.04	0.41	0.91	1.15	1.63	1.25	0.72	0.20	0.91	1.54						
95	0.67	0.71	0.72	0.46	0.77	0.81	0.63	0.59	0.50	0.20	0.51	0.67						
100	0.60	0.65	0.69	0.51	0.73	0.75	0.50	0.54	0.47	0.23	0.47	0.45						
105	0.60	0.68	0.65	0.58	0.66	0.76	0.50	0.53	0.42	0.31	0.42	0.46						
110	0.61	0.70	0.68	0.59	0.69	0.77	0.50	0.53	0.50	0.33	0.49	0.48						
115	0.62	0.41	0.74	0.60	0.74	0.61	0.50	0.53	0.52	0.36	0.51	0.50						
120	0.67	0.12	0.71	0.61	0.77	0.17	0.50	0.09	0.21	0.07	0.46	0.10						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LPC  
Test Date:2021-12-23

γ Range: 0 - 120DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

## Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	45.40	45.38	45.35	45.33	45.32	45.31	45.40	45.38	45.35	45.33
3.0	45.31	45.28	45.32	45.24	45.24	45.18	45.38	45.37	45.29	45.33
6.0	45.00	45.04	45.09	45.01	44.97	44.91	45.23	45.18	45.08	45.13
9.0	44.54	44.64	44.72	44.64	44.54	44.48	44.91	44.83	44.70	44.74
12.0	43.94	44.10	44.19	44.02	43.96	43.90	44.47	44.33	44.15	44.12
15.0	43.20	43.41	43.40	43.25	43.16	43.21	43.88	43.67	43.44	43.33
18.0	42.34	42.58	42.51	42.34	42.25	42.40	43.13	42.90	42.56	42.41
21.0	41.33	41.65	41.46	41.27	41.21	41.41	42.27	41.99	41.56	41.20
24.0	40.20	40.48	40.28	40.08	40.06	40.31	41.27	40.92	40.45	40.00
27.0	38.96	39.24	38.98	38.74	38.81	39.09	40.13	39.78	39.24	38.51
30.0	37.61	37.91	37.57	37.29	37.46	37.73	38.90	38.48	37.92	37.07
33.0	36.13	36.45	36.03	35.72	35.98	36.32	37.54	37.09	36.51	35.41
36.0	34.58	34.90	34.45	33.99	34.44	34.76	36.07	35.58	34.99	33.65
39.0	32.93	33.29	32.79	32.25	32.79	33.08	34.51	33.97	33.39	31.78
42.0	31.18	31.57	31.09	30.42	31.08	31.42	32.83	32.28	31.71	29.84
45.0	29.37	29.77	29.33	28.47	29.28	29.60	31.09	30.51	29.92	27.81
48.0	27.46	27.91	27.48	26.45	27.39	27.69	29.25	28.63	28.08	25.70
51.0	25.51	25.95	25.61	24.41	25.46	25.76	27.33	26.69	26.14	23.54
54.0	23.50	23.96	23.68	22.25	23.44	23.67	25.33	24.69	24.14	21.34
57.0	21.43	21.92	21.69	20.06	21.38	21.64	23.29	22.58	22.08	19.06
60.0	19.32	19.82	19.64	17.92	19.28	19.50	21.19	20.42	19.95	16.75
63.0	17.16	17.69	17.55	15.63	17.10	17.25	19.01	18.25	17.77	14.51
66.0	14.99	15.55	15.37	13.41	14.91	15.10	16.82	16.03	15.57	12.22
69.0	12.77	13.36	13.23	11.10	12.68	12.84	14.58	13.76	13.31	9.918
72.0	10.62	11.17	11.14	8.863	10.49	10.61	12.35	11.55	11.05	7.717
75.0	8.476	9.045	8.949	6.774	8.315	8.467	10.14	9.305	8.818	5.570
78.0	6.425	6.930	6.893	4.738	6.214	6.392	7.989	7.153	6.657	3.564
81.0	4.564	4.965	4.896	2.814	4.288	4.538	5.979	5.192	4.607	1.884
84.0	3.081	3.297	3.148	1.277	2.659	3.036	4.206	3.508	2.829	0.6369
87.0	1.989	2.063	1.798	0.4821	1.516	1.882	2.750	2.155	1.495	0.2467
90.0	1.279	1.265	1.037	0.4122	0.9111	1.149	1.631	1.254	0.7174	0.2016
93.0	0.8404	0.8282	0.7544	0.4424	0.7790	0.8547	0.9179	0.7298	0.5068	0.2033
96.0	0.6287	0.6949	0.7144	0.4625	0.7618	0.7828	0.5423	0.5681	0.4904	0.2049
99.0	0.5988	0.6600	0.6925	0.4927	0.7402	0.7488	0.4977	0.5429	0.4739	0.2110
102.0	0.6010	0.6585	0.6705	0.5530	0.7185	0.7561	0.4984	0.5358	0.4575	0.2814
105.0	0.6031	0.6785	0.6486	0.5771	0.6588	0.7625	0.4991	0.5328	0.4223	0.3085
108.0	0.6069	0.6875	0.6332	0.5831	0.6583	0.7690	0.4998	0.5297	0.4776	0.3203
111.0	0.6106	0.6376	0.6934	0.5891	0.7034	0.7754	0.5005	0.5307	0.5016	0.3331
114.0	0.6169	0.4637	0.7286	0.5952	0.7307	0.6931	0.5012	0.5317	0.5149	0.3545
117.0	0.6232	0.2898	0.7688	0.6017	0.7687	0.4332	0.5019	0.3547	0.5282	0.2935
120.0	0.6734	0.1159	0.7086	0.6081	0.7740	0.1733	0.5026	0.0887	0.2113	0.0734
G/C	300.0	330.0								
0.0	45.32	45.31								
3.0	45.30	45.32								
6.0	45.14	45.19								
9.0	44.80	44.88								
12.0	44.26	44.38								
15.0	43.54	43.73								
18.0	42.66	42.96								
21.0	41.61	41.91								
24.0	40.43	40.85								
27.0	39.10	39.62								
30.0	37.64	38.45								
33.0	36.10	37.13								
36.0	34.48	35.69								
39.0	32.80	34.10								
42.0	31.18	32.44								
45.0	29.56	30.69								
48.0	27.88	28.86								
51.0	26.11	26.96								
54.0	24.17	25.01								
57.0	22.17	22.97								
60.0	20.14	20.86								
63.0	18.04	18.77								
66.0	15.93	16.62								
69.0	13.76	14.40								
72.0	11.59	12.24								
75.0	9.407	10.05								
78.0	7.281	7.892								
81.0	5.240	5.856								
84.0	3.366	3.992								
87.0	1.826	2.532								
90.0	0.9079	1.540								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LPC  
 Test Date: 2021-12-23

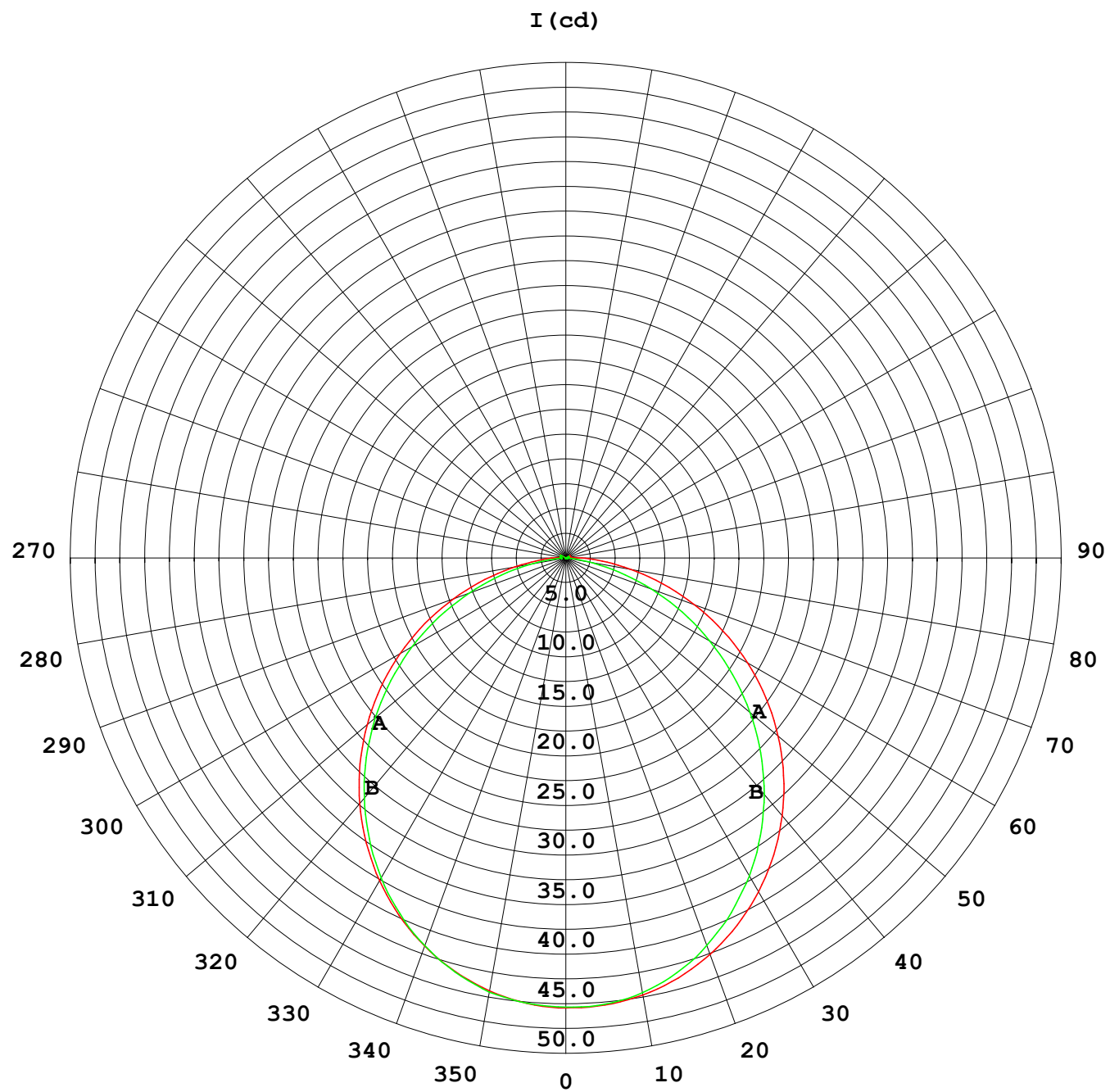
γ Range: 0 - 120DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

93.0	0.5272	0.9160
96.0	0.5016	0.5889
99.0	0.4760	0.4777
102.0	0.4572	0.4472
105.0	0.4223	0.4565
108.0	0.4877	0.4690
111.0	0.4977	0.4824
114.0	0.5076	0.4975
117.0	0.5175	0.4100
120.0	0.4573	0.1025

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LPC  
Test Date: 2021-12-23

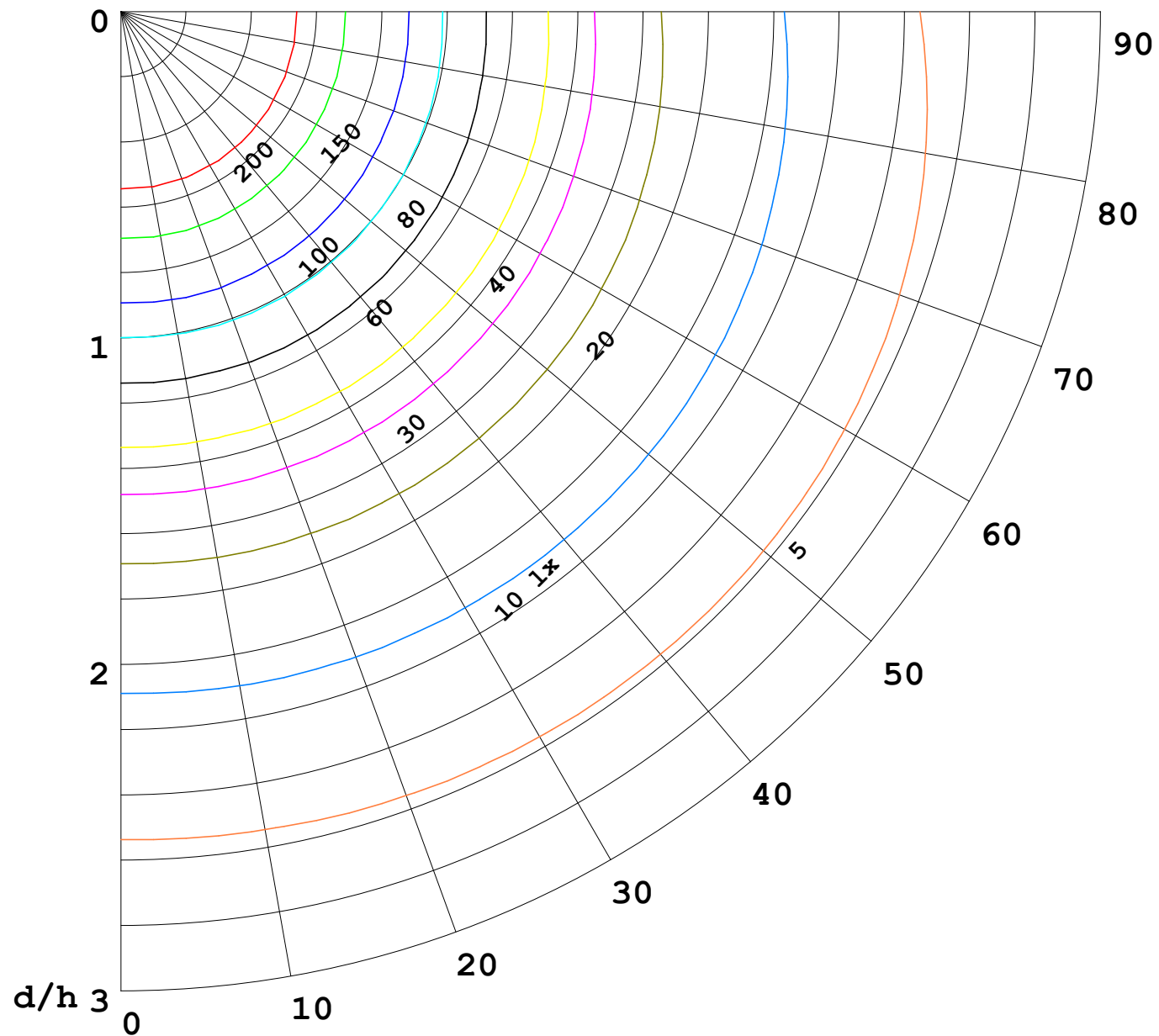
γ Range: 0 - 120DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:





1000 lm

$\kappa = 1$



F = 5000 lm  
 K = 0.7  
 Hcc = 0.0 m  
 Hfc = 0.0 m  
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

