

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	50.11	50.37	48.72	47.21	50.33	48.43	48.70	50.21	0- 10	4.740	4.740	3.26,3.26
20	47.23	48.48	45.88	43.10	47.67	44.62	45.41	48.65	10- 20	13.54	18.28	12.6,12.6
30	42.76	44.80	41.19	37.60	43.40	39.33	40.43	45.32	20- 30	20.39	38.67	26.6,26.6
40	36.93	39.67	35.04	30.95	37.74	33.01	34.05	40.75	30- 40	24.44	63.11	43.4,43.4
50	30.02	33.45	27.83	23.50	30.91	25.72	26.54	35.15	40- 50	25.26	88.38	60.7,60.7
60	22.35	26.31	19.90	15.46	23.21	17.72	18.32	28.34	50- 60	22.80	111.2	76.4,76.4
70	14.21	18.48	11.63	7.577	14.95	9.493	10.00	20.74	60- 70	17.45	128.6	88.4,88.4
80	6.380	10.42	4.014	1.931	6.923	2.669	2.664	12.68	70- 80	10.36	139.0	95.5,95.5
90	1.606	3.295	0.4876	0.8559	1.661	0.5844	0.2520	5.031	80- 90	4.124	143.1	98.3,98.3
100	0.6889	0.7740	0.5681	0.8251	0.6435	0.5605	0.2864	0.9690	90-100	1.251	144.4	99.2,99.2
110	0.6899	0.7361	0.6374	0.6275	0.5854	0.5975	0.3826	0.4798	100-110	0.6664	145.0	99.7,99.7
120	0.7639	0.4539	0.2603	0.0873	0.1054	0.0998	0.4574	0.2544	110-120	0.4769	145.5	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0161	145.5	100,100
140	0	0	0	0	0	0	0	0	130-140	0	145.5	100,100
150	0	0	0	0	0	0	0	0	140-150	0	145.5	100,100
160	0	0	0	0	0	0	0	0	150-160	0	145.5	100,100
170	0	0	0	0	0	0	0	0	160-170	0	145.5	100,100
180	0	0	0	0	0	0	0	0	170-180	0	145.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 75.848 lm

%lum = 52.1%

%lamp = 52.1%

Conical surface Flux(120deg): 111.17 lm

%lum = 76.4%

%lamp = 76.4%

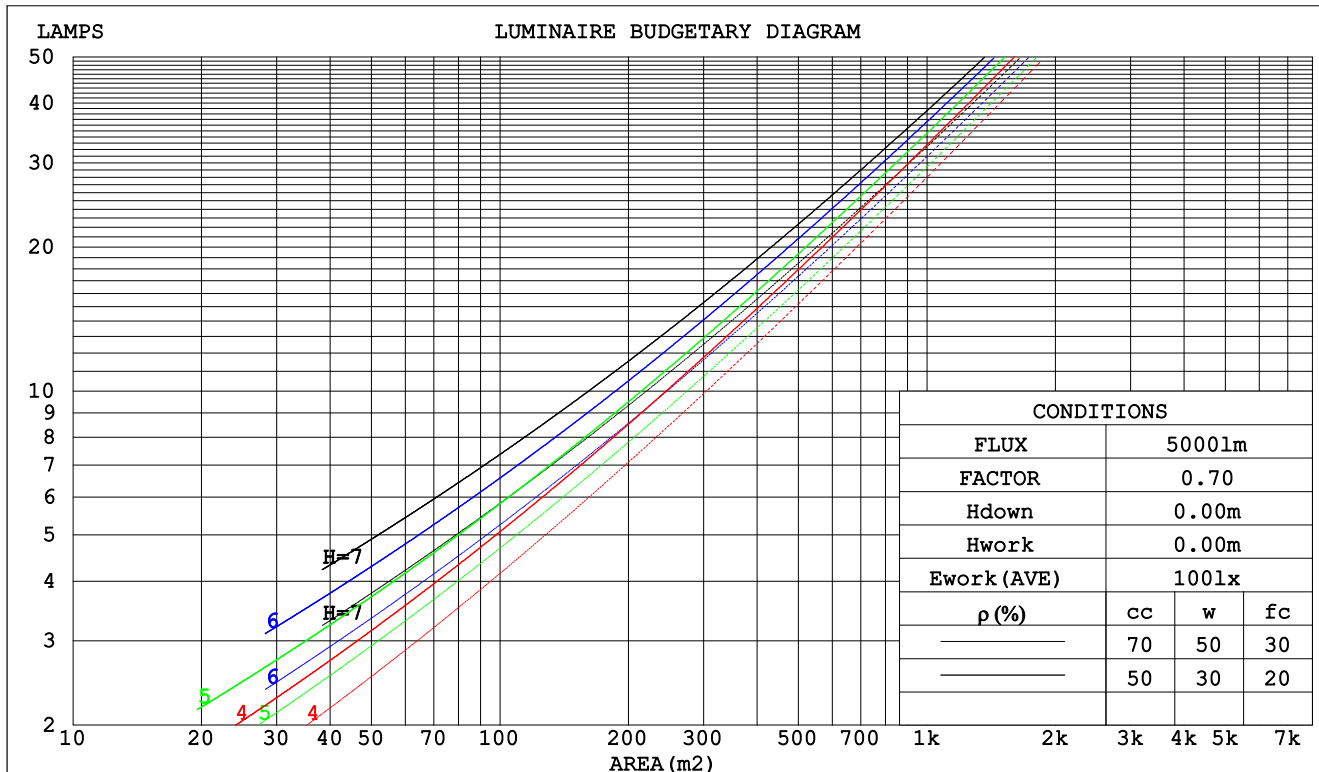
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-23

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	.98
1.0	1.03	.99	.95	1.01	.96	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



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:

WEC AND CCEC

Test:U:24.00V I:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
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 Coeffcients (WEC)										
0.0																	
1.0	.320	.182	.058	.312	.178	.057	.298	.171	.055	.285	.164	.053	.273	.158	.051		
2.0	.296	.162	.050	.290	.160	.049	.277	.154	.048	.265	.149	.047	.255	.144	.045		
3.0	.273	.145	.043	.267	.143	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040		
4.0	.251	.130	.038	.245	.128	.038	.235	.125	.037	.226	.121	.037	.218	.118	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.113	.033	.209	.111	.033	.202	.108	.032		
6.0	.214	.107	.031	.210	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029		
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.175	.091	.027		
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.164	.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	.203	.203	.203	.174	.174	.174	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.194	.169	.146	.166	.145	.126	.113	.100	.087	.065	.058	.051	.021	.019	.016	
2.0	.186	.145	.110	.159	.125	.095	.109	.086	.066	.063	.050	.039	.020	.016	.013	
3.0	.178	.127	.087	.152	.110	.075	.105	.076	.053	.060	.045	.031	.019	.014	.010	
4.0	.170	.114	.071	.146	.098	.062	.100	.069	.043	.058	.040	.026	.019	.013	.008	
5.0	.163	.104	.060	.140	.090	.052	.096	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.155	.095	.052	.134	.083	.045	.092	.058	.032	.053	.034	.019	.017	.011	.006	
7.0	.149	.088	.046	.128	.077	.040	.088	.054	.029	.051	.032	.017	.017	.010	.006	
8.0	.142	.083	.042	.122	.072	.036	.085	.050	.026	.049	.030	.015	.016	.010	.005	
9.0	.136	.078	.038	.117	.067	.033	.081	.047	.024	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.036	.112	.064	.031	.078	.045	.022	.045	.027	.013	.015	.009	.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:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm										
NAME: SF15-24V-2835-120-2200+5700-80-2200					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 21mm*11.5mm			SERIAL No.:2021122308		
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	24.9	26.5	25.2	26.7	26.9	24.6	26.1	24.9	26.4	26.6
3H	26.5	27.9	26.9	28.2	28.5	26.1	27.5	26.4	27.7	28.0
4H	27.2	28.5	27.5	28.8	29.1	26.6	27.9	26.9	28.2	28.5
6H	27.7	28.9	28.0	29.2	29.6	26.9	28.2	27.3	28.5	28.8
8H	27.9	29.1	28.2	29.4	29.7	27.0	28.2	27.4	28.5	28.9
12H	28.0	29.2	28.4	29.5	29.8	27.0	28.2	27.4	28.5	28.8
4H 2H	25.8	27.1	26.1	27.4	27.7	25.5	26.9	25.9	27.1	27.4
3H	27.6	28.8	28.0	29.1	29.5	27.3	28.5	27.7	28.8	29.1
4H	28.5	29.5	28.9	29.9	30.3	28.1	29.1	28.5	29.5	29.9
6H	29.1	30.1	29.6	30.5	30.9	28.6	29.5	29.0	29.9	30.3
8H	29.4	30.3	29.8	30.7	31.1	28.7	29.6	29.2	30.0	30.4
12H	29.6	30.4	30.0	30.8	31.3	28.8	29.6	29.3	30.0	30.5
8H 4H	29.0	29.8	29.4	30.2	30.7	28.6	29.5	29.1	29.9	30.3
6H	29.9	30.6	30.4	31.1	31.5	29.5	30.2	30.0	30.7	31.1
8H	30.3	31.0	30.8	31.4	31.9	29.8	30.5	30.3	30.9	31.4
12H	30.7	31.2	31.2	31.7	32.2	30.1	30.6	30.6	31.1	31.6
12H 4H	29.0	29.8	29.5	30.3	30.7	28.7	29.5	29.2	29.9	30.4
6H	30.1	30.7	30.6	31.2	31.7	29.7	30.3	30.2	30.8	31.3
8H	30.6	31.2	31.1	31.6	32.1	30.2	30.7	30.7	31.2	31.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 0.2 / - 0.5					+ 0.3 / - 0.6				

CIE Pub.117, 145.5 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -6.7$)

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:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

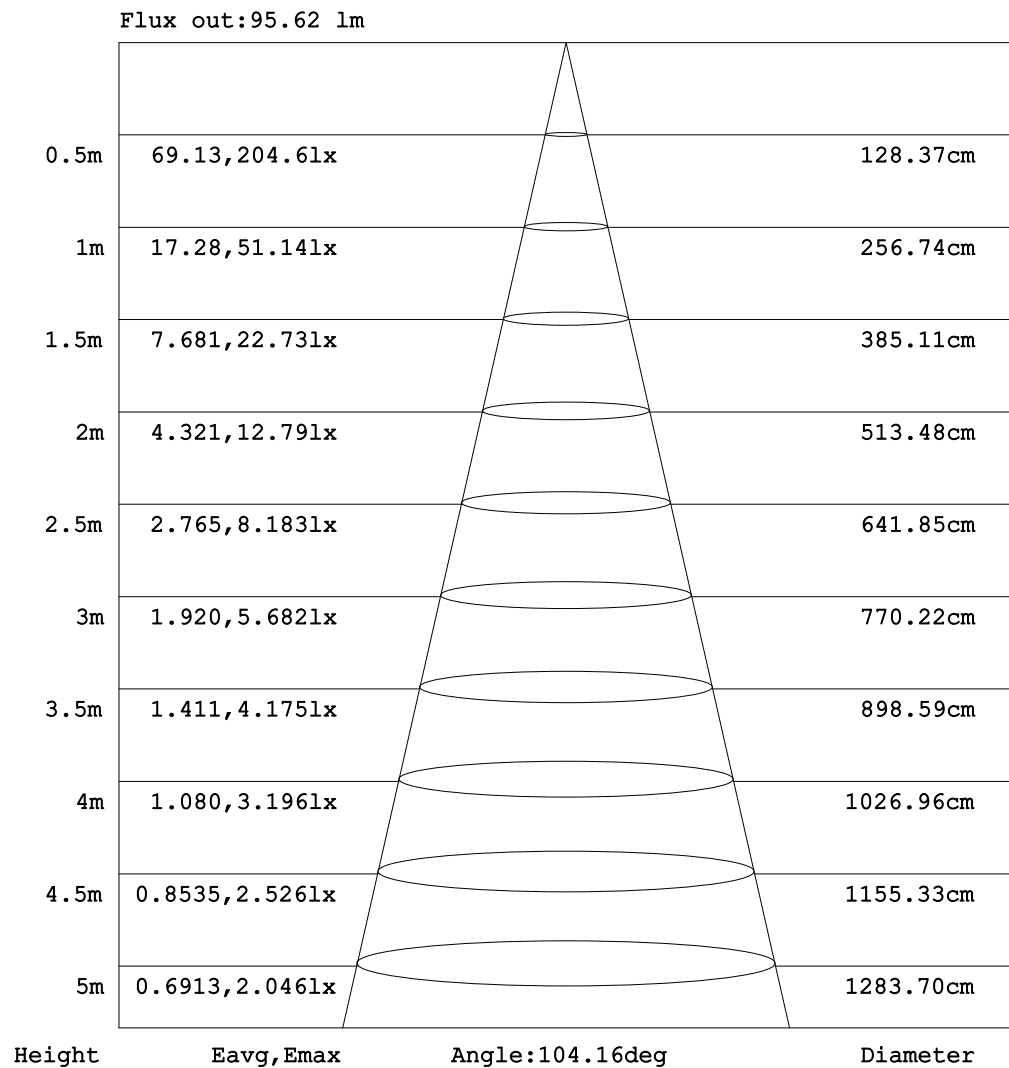
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	83	96	88	82	92	85	81	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	98	105	101	97	100	97	93	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
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 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:

AAI Figure

Test:U:24.00V I:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



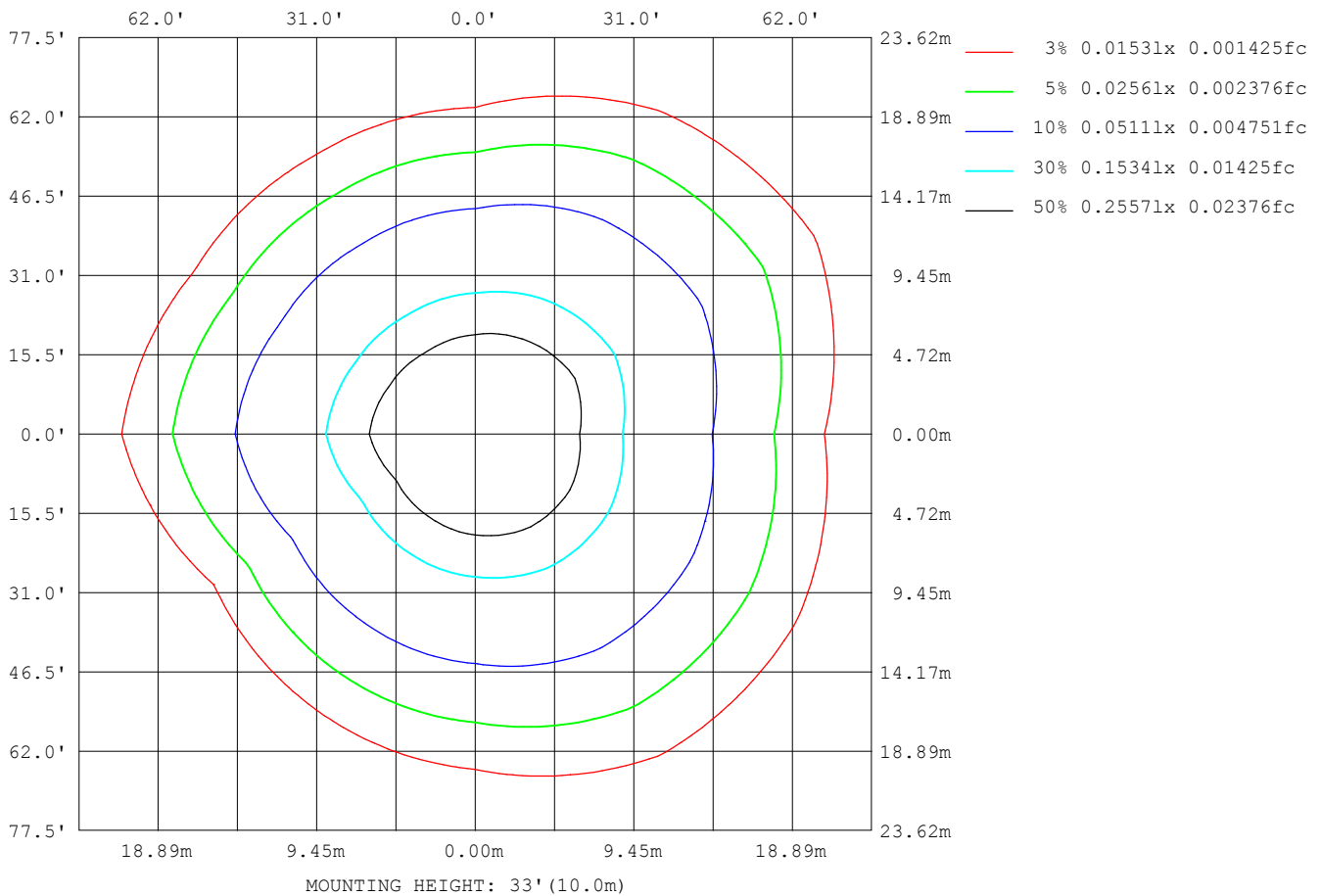
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
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

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:

LED Avg.L Report

Test:U:24.00V I:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

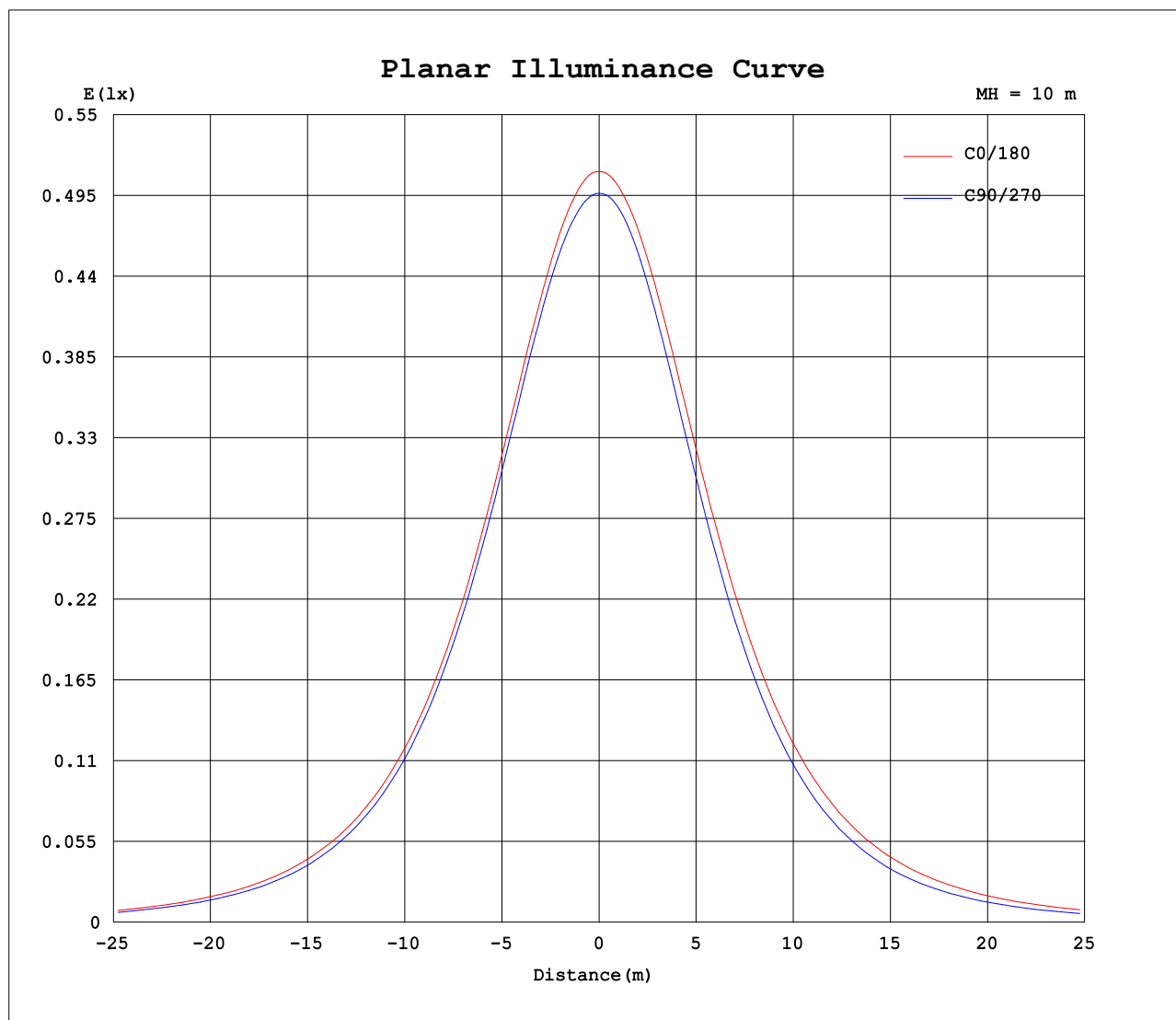
AvgL	cd/m2
L_0~180 (65) av	3851
L_0~180 (75) av	3523
L_0~180 (85) av	3590
L_90~270 (65) av	3083
L_90~270 (75) av	2306
L_90~270 (85) av	786
L_45 (65) av	3739
L_45 (75) av	3526
L_45 (85) av	4551

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

γ Range: 0 - 120DEG
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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:0.3261A P:7.826W PF:1.000 Freq:50.00Hz Lamp Flux:145.512x1 lm		
NAME: SF15-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122308
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	51.1	50.8	49.9	49.6	49.6	49.7	51.1	50.8	49.9	49.6	49.6	49.7						
5	50.9	51.0	50.1	49.4	48.8	48.5	51.0	50.1	49.2	49.5	49.9	50.4						
10	50.1	50.7	50.0	48.7	47.5	46.9	50.3	48.9	48.0	48.7	49.8	50.6						
15	48.9	50.0	49.3	47.6	45.9	44.9	49.2	47.3	46.2	47.3	49.0	50.5						
20	47.2	48.9	48.1	45.9	43.7	42.5	47.7	45.2	44.0	45.4	47.7	49.6						
25	45.2	47.3	46.4	43.7	41.2	39.8	45.8	42.8	41.5	43.1	46.0	48.3						
30	42.8	45.3	44.3	41.2	38.4	36.8	43.4	40.0	38.7	40.4	43.8	46.8						
35	40.0	42.8	41.9	38.3	35.3	33.5	40.7	36.9	35.6	37.4	41.4	45.0						
40	36.9	40.1	39.2	35.0	32.0	29.9	37.7	33.6	32.4	34.0	38.8	42.7						
45	33.6	37.1	36.3	31.5	28.5	26.2	34.5	30.0	28.9	30.4	36.1	40.0						
50	30.0	33.8	33.1	27.8	24.8	22.2	30.9	26.2	25.2	26.5	33.2	37.1						
55	26.3	30.3	29.7	23.9	20.8	18.2	27.2	22.2	21.4	22.5	29.9	33.8						
60	22.3	26.5	26.1	19.9	16.8	14.1	23.2	18.0	17.4	18.3	26.3	30.3						
65	18.3	22.6	22.3	15.8	12.8	10.0	19.1	13.9	13.3	14.2	22.6	26.6						
70	14.2	18.5	18.4	11.6	8.86	6.29	15.0	9.72	9.27	10.0	18.7	22.7						
75	10.2	14.4	14.5	7.63	5.20	3.34	10.8	5.94	5.45	6.09	14.7	18.7						
80	6.38	10.3	10.5	4.01	2.35	1.51	6.92	2.98	2.36	2.66	10.7	14.6						
85	3.40	6.46	6.71	1.13	1.01	0.87	3.79	1.21	0.75	0.45	6.80	10.6						
90	1.61	3.25	3.34	0.49	0.87	0.84	1.66	0.64	0.53	0.25	3.33	6.73						
95	0.81	1.46	1.31	0.53	0.85	0.84	0.67	0.61	0.52	0.27	1.11	3.48						
100	0.69	0.75	0.80	0.57	0.81	0.84	0.64	0.60	0.52	0.29	0.49	1.45						
105	0.69	0.74	0.70	0.61	0.77	0.70	0.61	0.61	0.49	0.37	0.44	0.67						
110	0.69	0.76	0.71	0.64	0.76	0.49	0.59	0.61	0.59	0.38	0.50	0.46						
115	0.69	0.49	0.78	0.65	0.56	0.29	0.37	0.46	0.43	0.39	0.54	0.25						
120	0.76	0.14	0.77	0.26	0.09	0.08	0.11	0.08	0.12	0.46	0.47	0.04						
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	51.14	50.79	49.88	49.65	49.63	49.68	51.14	50.79	49.88	49.65
3.0	51.08	50.98	50.10	49.56	49.18	49.02	51.09	50.40	49.50	49.62
6.0	50.78	50.98	50.16	49.30	48.59	48.21	50.86	49.87	48.96	49.37
9.0	50.31	50.82	50.07	48.91	47.82	47.22	50.48	49.14	48.26	48.91
12.0	49.67	50.51	49.79	48.30	46.93	46.14	49.92	48.26	47.34	48.20
15.0	48.88	50.04	49.29	47.56	45.85	44.88	49.23	47.29	46.22	47.32
18.0	47.93	49.42	48.63	46.59	44.58	43.47	48.36	46.07	44.94	46.24
21.0	46.86	48.61	47.80	45.48	43.20	42.03	47.32	44.73	43.54	45.00
24.0	45.62	47.67	46.79	44.21	41.72	40.40	46.18	43.29	42.01	43.60
27.0	44.26	46.53	45.63	42.72	40.11	38.67	44.84	41.68	40.38	42.10
30.0	42.76	45.26	44.33	41.19	38.36	36.84	43.40	39.99	38.67	40.43
33.0	41.14	43.89	42.90	39.47	36.55	34.85	41.84	38.20	36.89	38.64
36.0	39.40	42.36	41.38	37.62	34.63	32.77	40.15	36.33	35.01	36.77
39.0	37.56	40.68	39.76	35.73	32.64	30.69	38.36	34.27	33.05	34.74
42.0	35.61	38.97	38.06	33.69	30.60	28.48	36.46	32.18	31.03	32.59
45.0	33.59	37.12	36.28	31.53	28.47	26.16	34.46	30.02	28.92	30.42
48.0	31.47	35.12	34.39	29.37	26.22	23.87	32.37	27.75	26.74	28.12
51.0	29.29	33.12	32.45	27.08	24.02	21.47	30.18	25.41	24.49	25.74
54.0	27.04	30.94	30.41	24.73	21.57	19.02	27.92	23.04	22.17	23.33
57.0	24.72	28.80	28.29	22.35	19.30	16.58	25.60	20.57	19.81	20.86
60.0	22.35	26.49	26.14	19.90	16.85	14.08	23.21	18.04	17.40	18.32
63.0	19.95	24.13	23.88	17.45	14.49	11.60	20.76	15.57	14.95	15.85
66.0	17.50	21.80	21.58	14.97	12.06	9.231	18.29	13.04	12.51	13.33
69.0	15.03	19.35	19.24	12.45	9.657	6.959	15.78	10.56	10.07	10.83
72.0	12.58	16.90	16.88	9.958	7.347	4.959	13.26	8.155	7.691	8.397
75.0	10.17	14.44	14.50	7.633	5.204	3.338	10.80	5.942	5.452	6.093
78.0	7.828	11.93	12.10	5.422	3.333	2.073	8.436	4.016	3.472	3.902
81.0	5.691	9.506	9.737	3.331	1.954	1.290	6.235	2.512	1.906	2.086
84.0	3.891	7.194	7.427	1.583	1.148	0.9143	4.341	1.456	0.9327	0.7126
87.0	2.542	5.040	5.265	0.5824	0.8849	0.8493	2.805	0.8459	0.5526	0.2871
90.0	1.606	3.252	3.338	0.4876	0.8675	0.8444	1.661	0.6385	0.5302	0.2520
93.0	1.047	2.017	1.878	0.5077	0.8615	0.8443	0.9481	0.6182	0.5264	0.2601
96.0	0.7396	1.250	1.123	0.5378	0.8398	0.8443	0.6668	0.6107	0.5226	0.2682
99.0	0.6890	0.8335	0.8299	0.5579	0.8180	0.8393	0.6493	0.6031	0.5188	0.2763
102.0	0.6888	0.7238	0.7613	0.5937	0.7963	0.8186	0.6319	0.6041	0.5149	0.3364
105.0	0.6886	0.7387	0.7041	0.6101	0.7746	0.6958	0.6144	0.6051	0.4926	0.3736
108.0	0.6885	0.7589	0.6783	0.6264	0.7438	0.5730	0.5970	0.6061	0.5380	0.3790
111.0	0.6906	0.7640	0.7584	0.6428	0.8037	0.4502	0.5795	0.6071	0.6082	0.3844
114.0	0.6928	0.5557	0.7740	0.6468	0.6486	0.3274	0.4215	0.5318	0.4946	0.3898
117.0	0.7086	0.3473	0.7840	0.6507	0.3707	0.2047	0.2634	0.3039	0.3091	0.3952
120.0	0.7639	0.1389	0.7689	0.2603	0.0927	0.0819	0.1054	0.0760	0.1236	0.4574
G/C	300.0	330.0								
0.0	49.63	49.68								
3.0	49.90	50.17								
6.0	49.92	50.48								
9.0	49.86	50.63								
12.0	49.50	50.65								
15.0	48.99	50.47								
18.0	48.27	50.02								
21.0	47.40	49.33								
24.0	46.35	48.62								
27.0	45.13	47.77								
30.0	43.79	46.84								
33.0	42.36	45.82								
36.0	40.85	44.55								
39.0	39.34	43.15								
42.0	37.77	41.67								
45.0	36.14	40.01								
48.0	34.44	38.24								
51.0	32.58	36.42								
54.0	30.57	34.49								
57.0	28.49	32.40								
60.0	26.34	30.35								
63.0	24.12	28.16								
66.0	21.85	25.87								
69.0	19.53	23.54								
72.0	17.14	21.25								
75.0	14.74	18.73								
78.0	12.32	16.37								
81.0	9.917	13.85								
84.0	7.565	11.42								
87.0	5.346	9.059								
90.0	3.331	6.731								

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

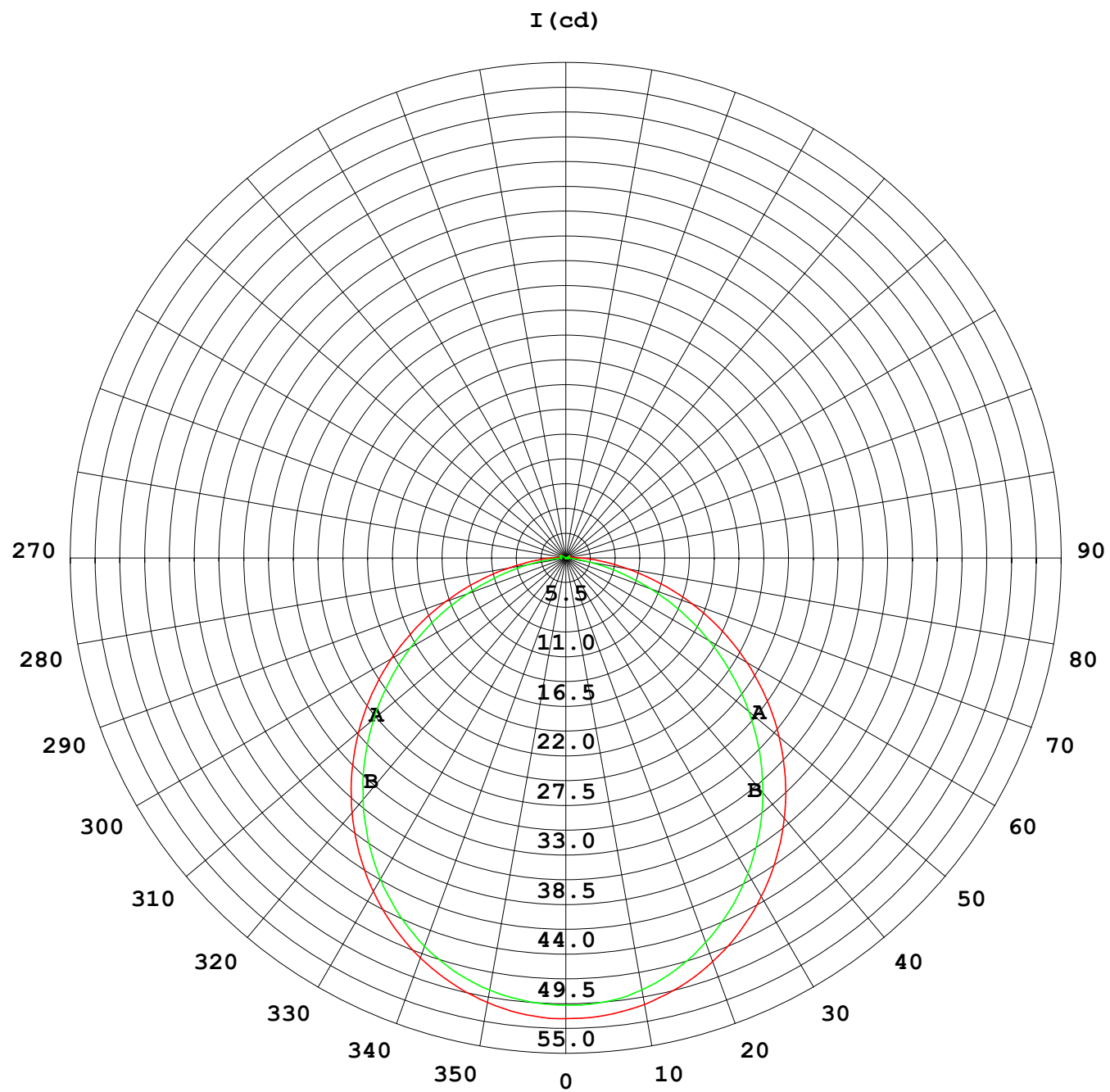
γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

93.0	1.760	4.655
96.0	0.8827	3.010
99.0	0.5323	1.778
102.0	0.4724	1.027
105.0	0.4372	0.6742
108.0	0.4826	0.5380
111.0	0.5111	0.4138
114.0	0.5310	0.2897
117.0	0.5227	0.1655
120.0	0.4674	0.0414

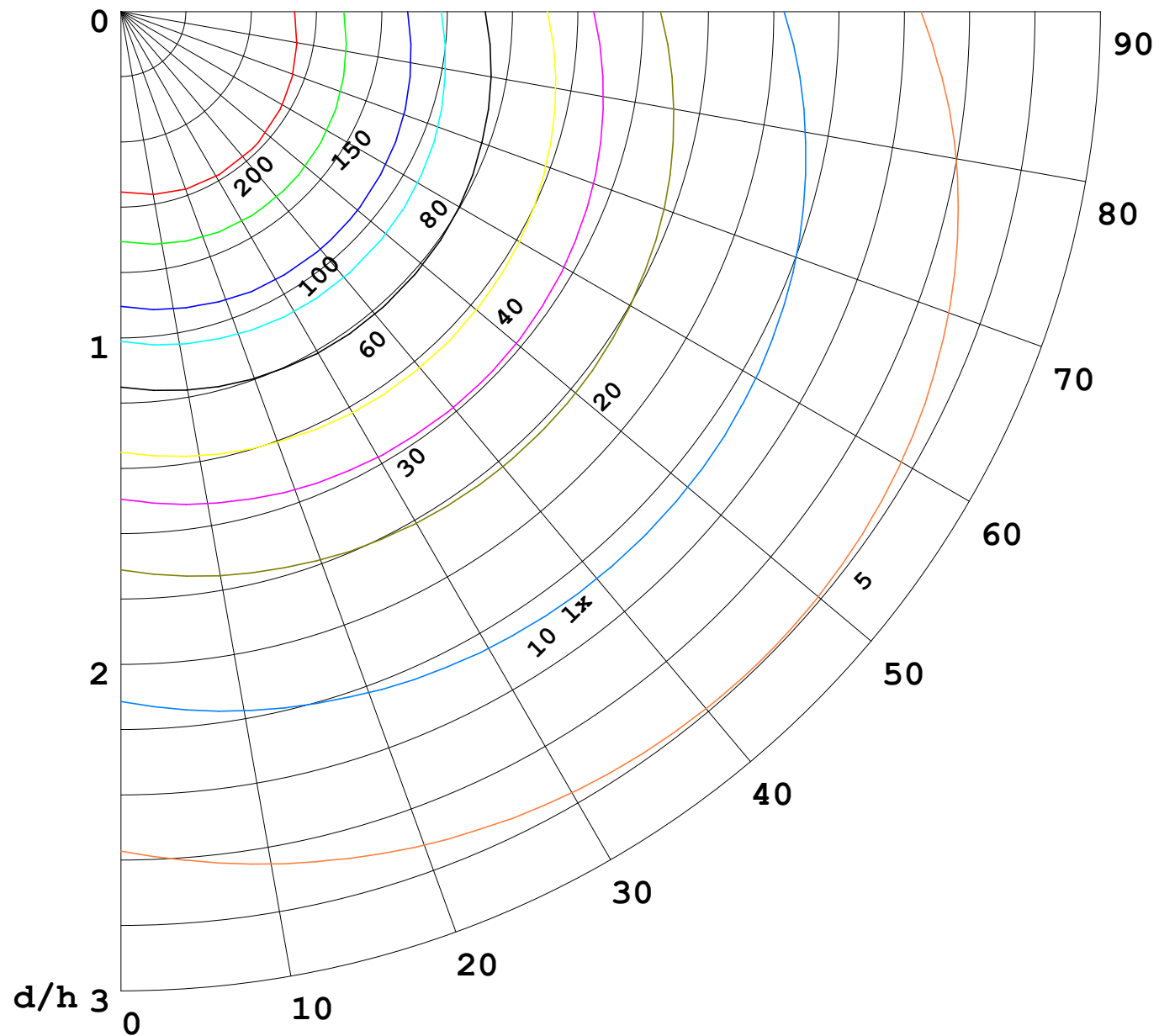
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-23

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

