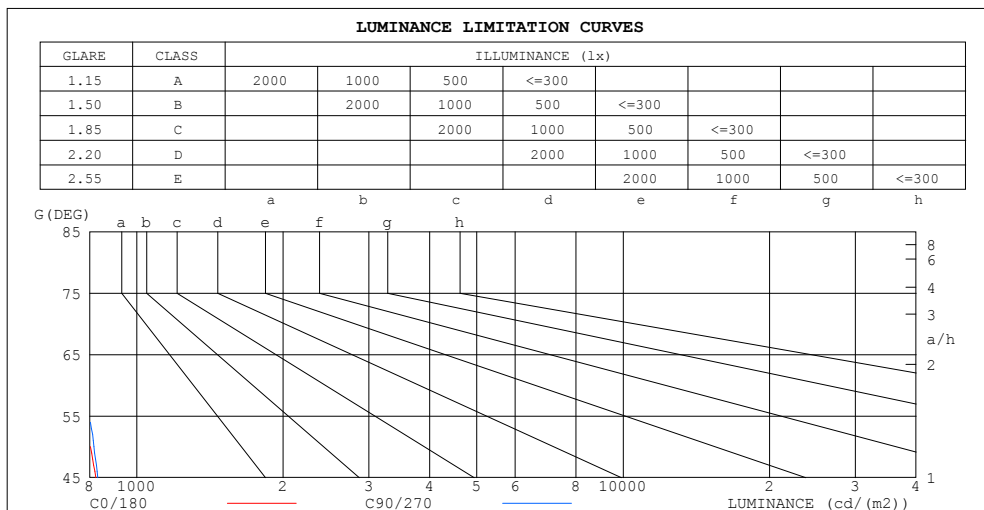


ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	89.12	87.72	86.66	85.60	89.40	87.87	86.73	85.61	0- 10	8.396	8.396	3.24,3.24
20	83.75	82.75	82.07	80.92	84.38	83.03	81.98	80.80	10- 20	24.01	32.40	12.5,12.5
30	75.39	74.81	74.55	73.32	76.32	75.25	74.41	73.13	20- 30	36.26	68.67	26.5,26.5
40	64.49	64.34	64.50	63.24	65.77	65.01	64.50	62.99	30- 40	43.53	112.2	43.2,43.3
50	51.62	51.88	52.47	51.32	53.20	52.77	52.61	50.98	40- 50	44.97	157.2	60.6,60.6
60	37.48	37.95	38.92	37.85	39.02	39.10	39.26	37.45	50- 60	40.47	197.6	76.2,76.2
70	22.44	23.16	24.42	23.46	23.90	24.42	24.99	23.16	60- 70	30.70	228.3	88,88
80	8.179	8.881	10.32	9.490	9.148	9.885	10.71	9.105	70- 80	17.30	245.6	94.7,94.7
90	1.304	1.472	2.229	1.697	0.9953	1.337	1.920	1.313	80- 90	4.807	250.4	96.5,96.5
100	1.094	1.369	2.001	1.672	0.5958	1.122	1.718	1.093	90-100	1.469	251.9	97.1,97.1
110	1.120	1.396	1.950	1.538	0.7344	1.188	1.687	1.112	100-110	1.399	253.3	97.6,97.6
120	1.177	1.450	1.862	1.598	0.9004	1.269	1.641	1.195	110-120	1.346	254.7	98.2,98.2
130	1.323	1.515	1.839	1.653	1.088	1.350	1.620	1.271	120-130	1.273	255.9	98.6,98.7
140	1.427	1.583	1.832	1.699	1.268	1.454	1.620	1.368	130-140	1.155	257.1	99.1,99.1
150	1.535	1.637	1.766	1.687	1.448	1.562	1.627	1.474	140-150	0.9820	258.1	99.5,99.5
160	1.634	1.681	1.745	1.708	1.614	1.645	1.633	1.585	150-160	0.7502	258.8	99.8,99.8
170	1.715	1.728	1.737	1.719	1.766	1.696	1.657	1.652	160-170	0.4751	259.3	99.9,100
180	1.780	1.756	1.731	1.738	1.794	1.738	1.738	1.718	170-180	0.1643	259.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	371	511
80	471	594
75	582	665
70	656	714
65	710	751
60	750	778
55	779	800
50	803	816
45	824	832

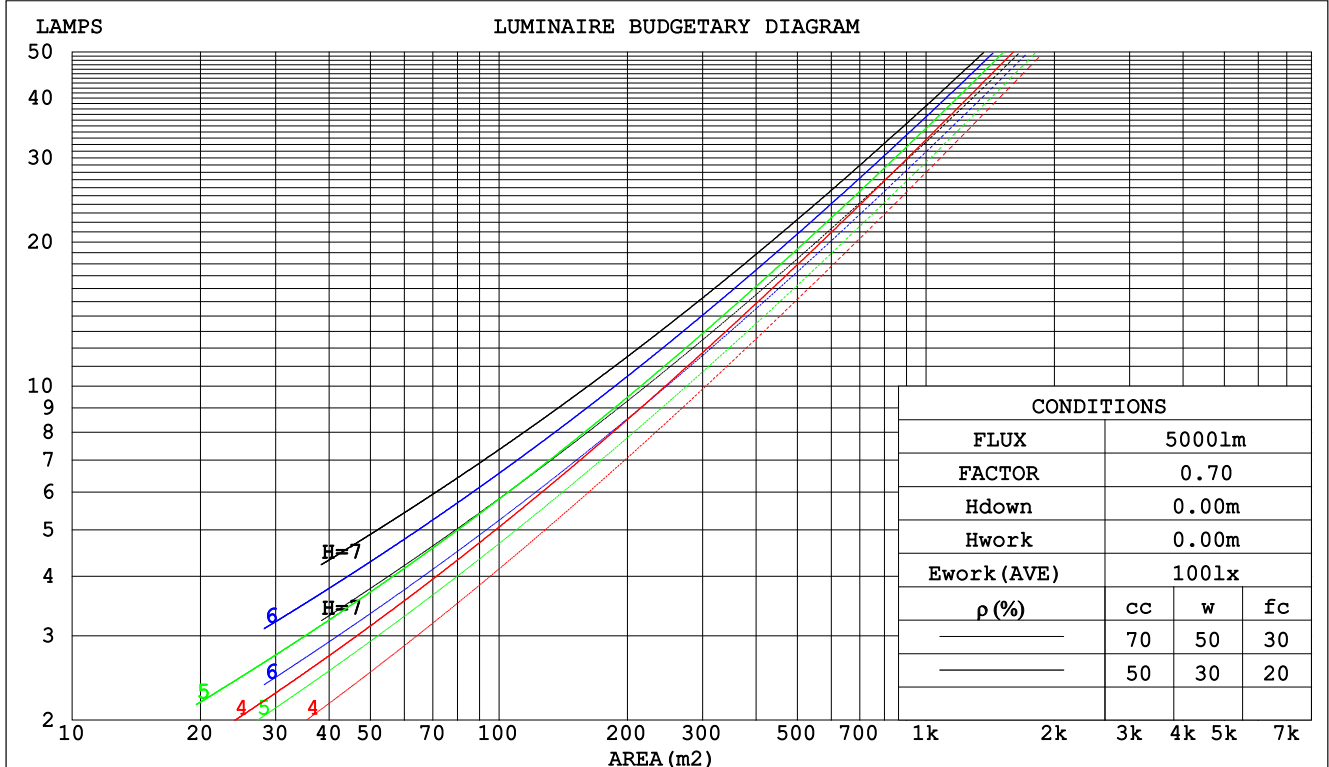
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION 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	.97
1.0	1.03	.99	.95	1.01	.97	.93	.96	.92	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.75	.72	.76	.73	.70	.67
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.70	.65	.60	.67	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.63	.57	.52	.60	.55	.51	.48
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.56	.50	.45	.54	.48	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.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:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION 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	.308	.175	.055	.299	.171	.054	.284	.163	.052	.270	.156	.050	.257	.149	.048		
2.0	.289	.159	.049	.282	.155	.048	.269	.149	.046	.256	.144	.045	.245	.138	.044		
3.0	.268	.143	.043	.261	.140	.042	.249	.135	.041	.238	.131	.040	.228	.126	.039		
4.0	.247	.128	.038	.242	.126	.037	.231	.122	.037	.221	.119	.036	.212	.115	.035		
5.0	.229	.117	.034	.224	.115	.033	.214	.111	.033	.205	.108	.032	.197	.105	.032		
6.0	.212	.106	.030	.208	.105	.030	.199	.102	.030	.191	.099	.029	.183	.097	.029		
7.0	.197	.098	.028	.193	.096	.027	.186	.094	.027	.178	.091	.027	.171	.089	.026		
8.0	.184	.090	.025	.181	.089	.025	.174	.087	.025	.167	.085	.024	.161	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.163	.081	.023	.157	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.021	.154	.075	.021	.148	.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	.217	.217	.217	.185	.185	.185	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.207	.183	.161	.177	.157	.139	.121	.108	.096	.070	.062	.056	.022	.020	.018	
2.0	.199	.159	.125	.170	.137	.108	.117	.095	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.141	.102	.164	.122	.088	.112	.085	.062	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.086	.157	.111	.074	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.118	.075	.151	.102	.065	.104	.071	.046	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.067	.145	.095	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.162	.103	.061	.140	.089	.053	.096	.062	.038	.056	.037	.022	.018	.012	.007	
8.0	.156	.097	.056	.134	.084	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007	
9.0	.150	.092	.053	.129	.080	.046	.089	.056	.033	.052	.033	.020	.017	.011	.006	
10.0	.144	.088	.050	.124	.076	.044	.086	.054	.031	.050	.032	.019	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-02-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm										
NAME: SF15-12V-5050-60-W12-SPI4-3000K					TYPE:硅胶			WEIGHT:		
DIM.: 21MM*11.5MM					SPEC.:			SERIAL No.:20230223		
MFR.: OLYMPIA					SUR.:0.5*0.018			PROTECTION 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	11.8	13.2	12.1	13.5	13.8	11.9	13.3	12.2	13.6	13.9
3H	13.2	14.5	13.5	14.8	15.1	13.4	14.8	13.8	15.1	15.4
4H	13.7	15.0	14.1	15.3	15.6	14.0	15.3	14.4	15.6	15.9
6H	14.0	15.2	14.4	15.6	15.9	14.4	15.6	14.8	16.0	16.3
8H	14.1	15.3	14.5	15.6	16.0	14.6	15.7	14.9	16.1	16.4
12H	14.1	15.2	14.5	15.6	16.0	14.6	15.7	15.0	16.1	16.5
4H 2H	12.4	13.7	12.7	14.0	14.3	12.4	13.7	12.8	14.0	14.4
3H	14.0	15.1	14.4	15.4	15.8	14.1	15.3	14.5	15.6	16.0
4H	14.6	15.6	15.0	16.0	16.4	14.9	15.9	15.3	16.3	16.7
6H	15.0	15.9	15.5	16.3	16.8	15.4	16.3	15.8	16.7	17.1
8H	15.1	16.0	15.6	16.4	16.8	15.6	16.4	16.0	16.8	17.3
12H	15.2	16.0	15.7	16.4	16.9	15.7	16.4	16.2	16.9	17.4
8H 4H	14.8	15.7	15.3	16.1	16.6	15.1	15.9	15.5	16.3	16.8
6H	15.4	16.1	15.9	16.5	17.0	15.7	16.4	16.2	16.9	17.4
8H	15.5	16.2	16.1	16.6	17.2	16.0	16.6	16.5	17.1	17.6
12H	15.7	16.2	16.2	16.7	17.3	16.1	16.7	16.7	17.2	17.7
12H 4H	14.8	15.6	15.3	16.0	16.5	15.1	15.8	15.5	16.3	16.8
6H	15.4	16.0	15.9	16.5	17.0	15.7	16.4	16.3	16.9	17.4
8H	15.6	16.1	16.1	16.7	17.2	16.0	16.6	16.6	17.1	17.6
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 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117 Corrected 259.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

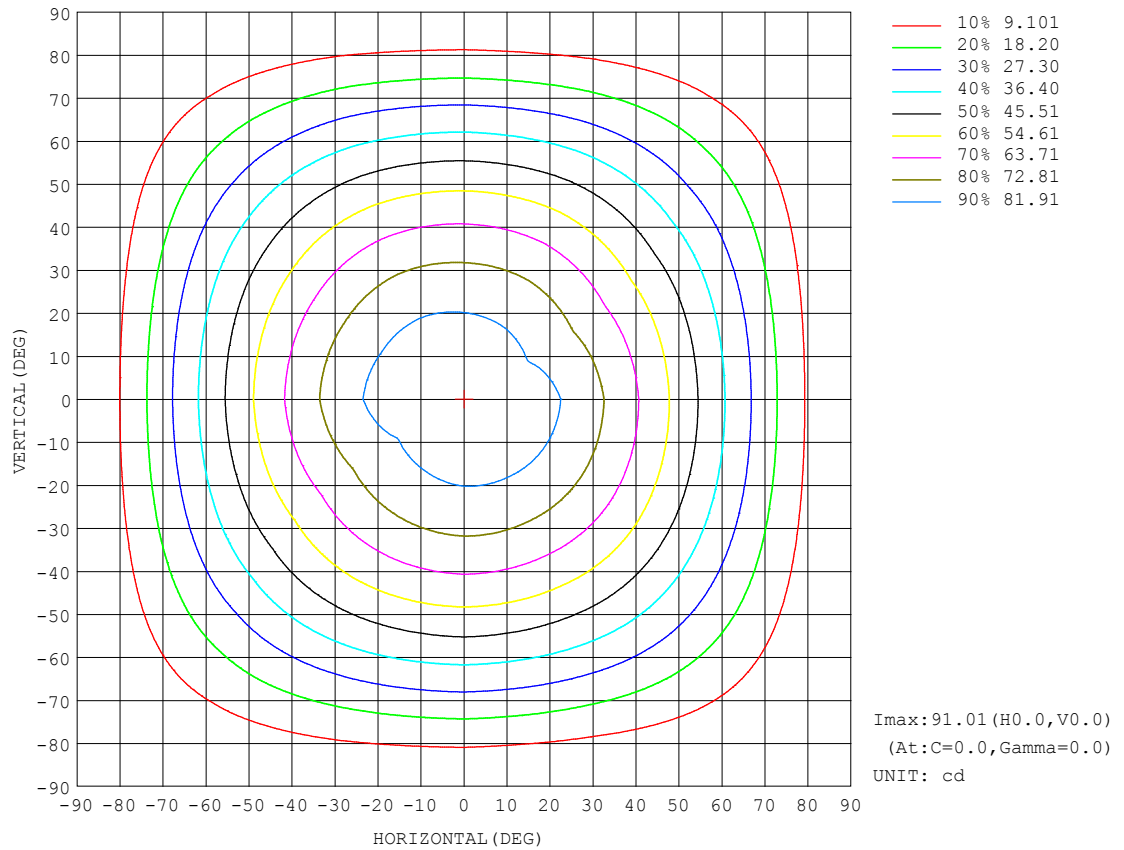
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	54	44	38	31
0.80	67	55	48	65	54	47	63	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	77	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	67
2.50	98	90	84	96	88	83	91	85	81	71
3.00	101	94	89	99	92	87	94	89	85	75
4.00	105	99	95	103	97	93	98	94	90	80
5.00	108	103	99	105	101	97	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

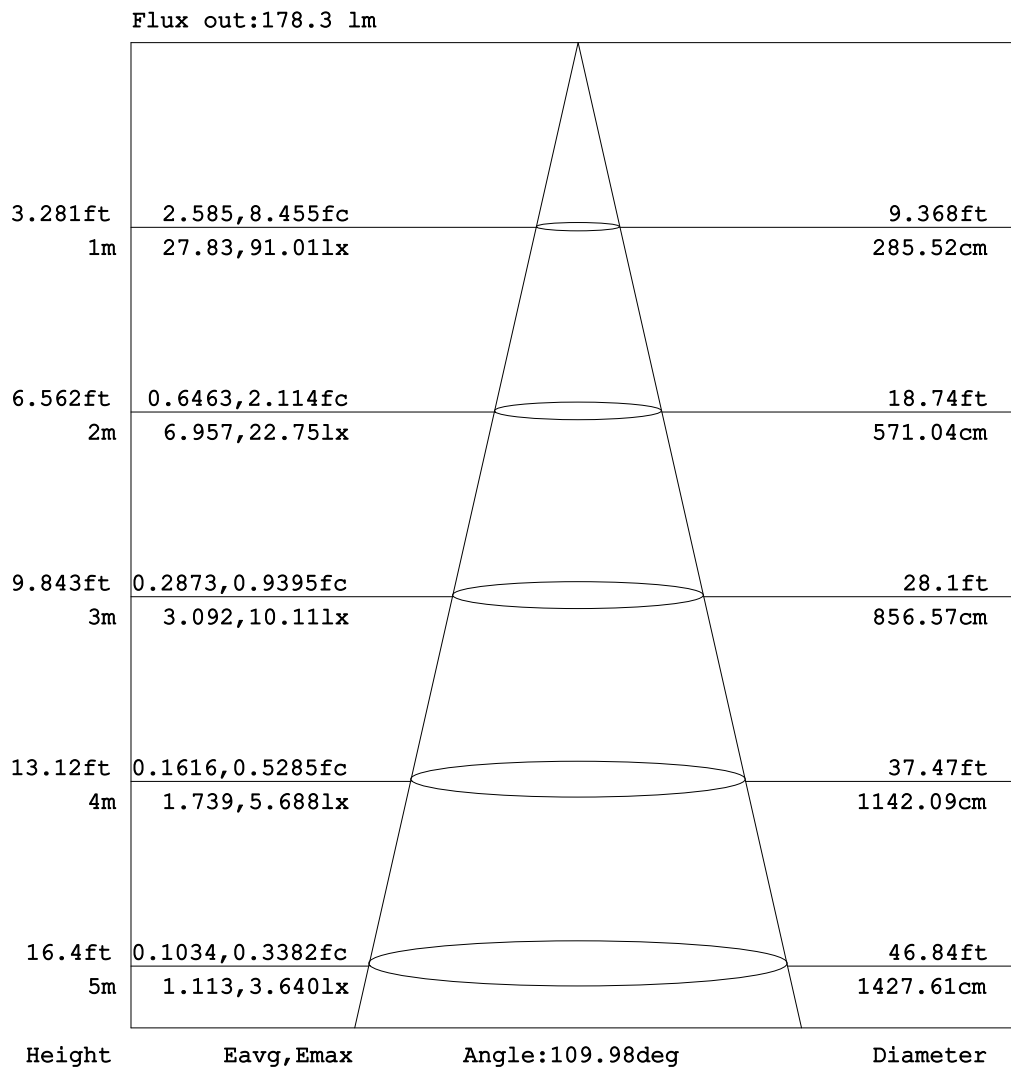


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

AAI Figure

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:



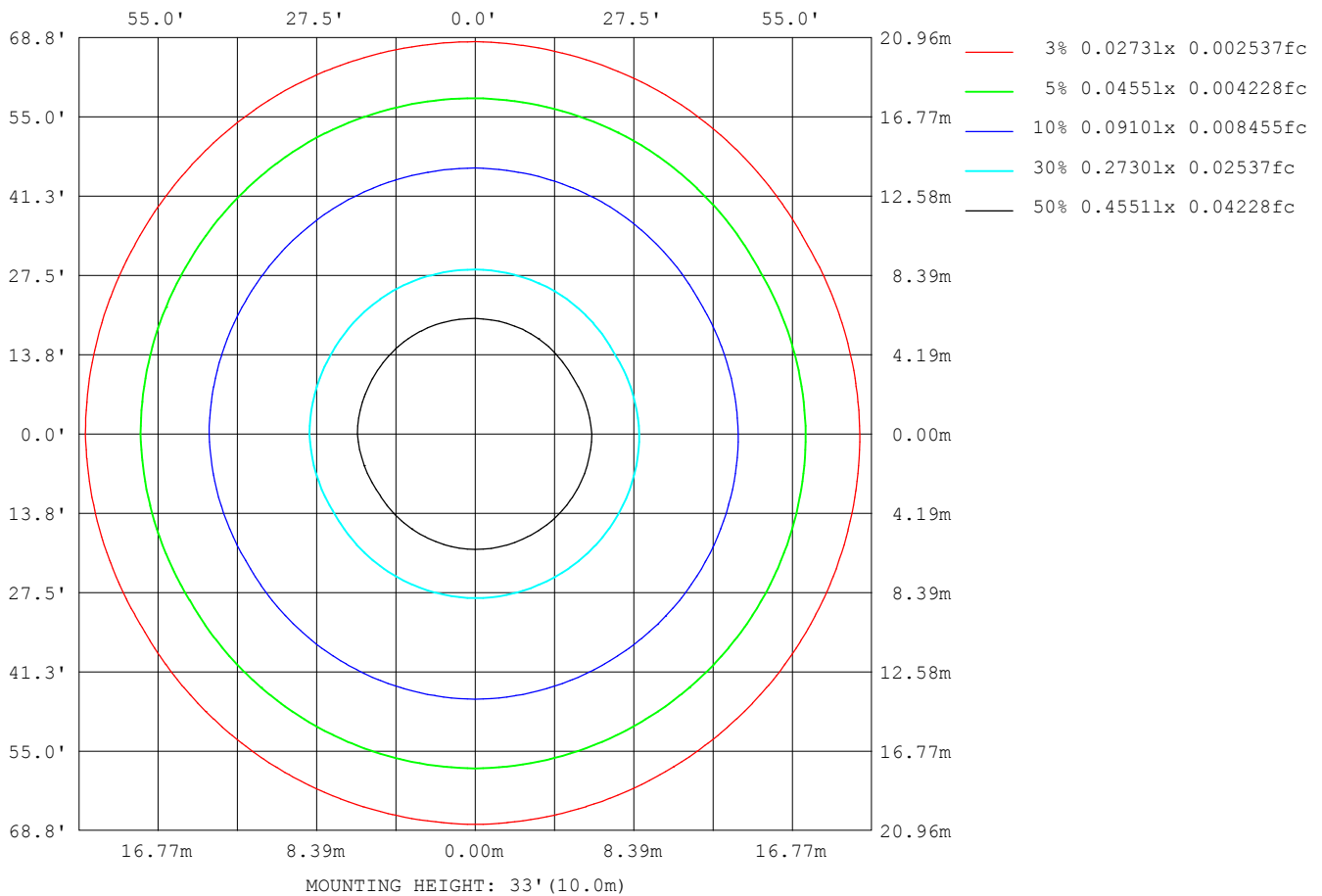
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-02-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

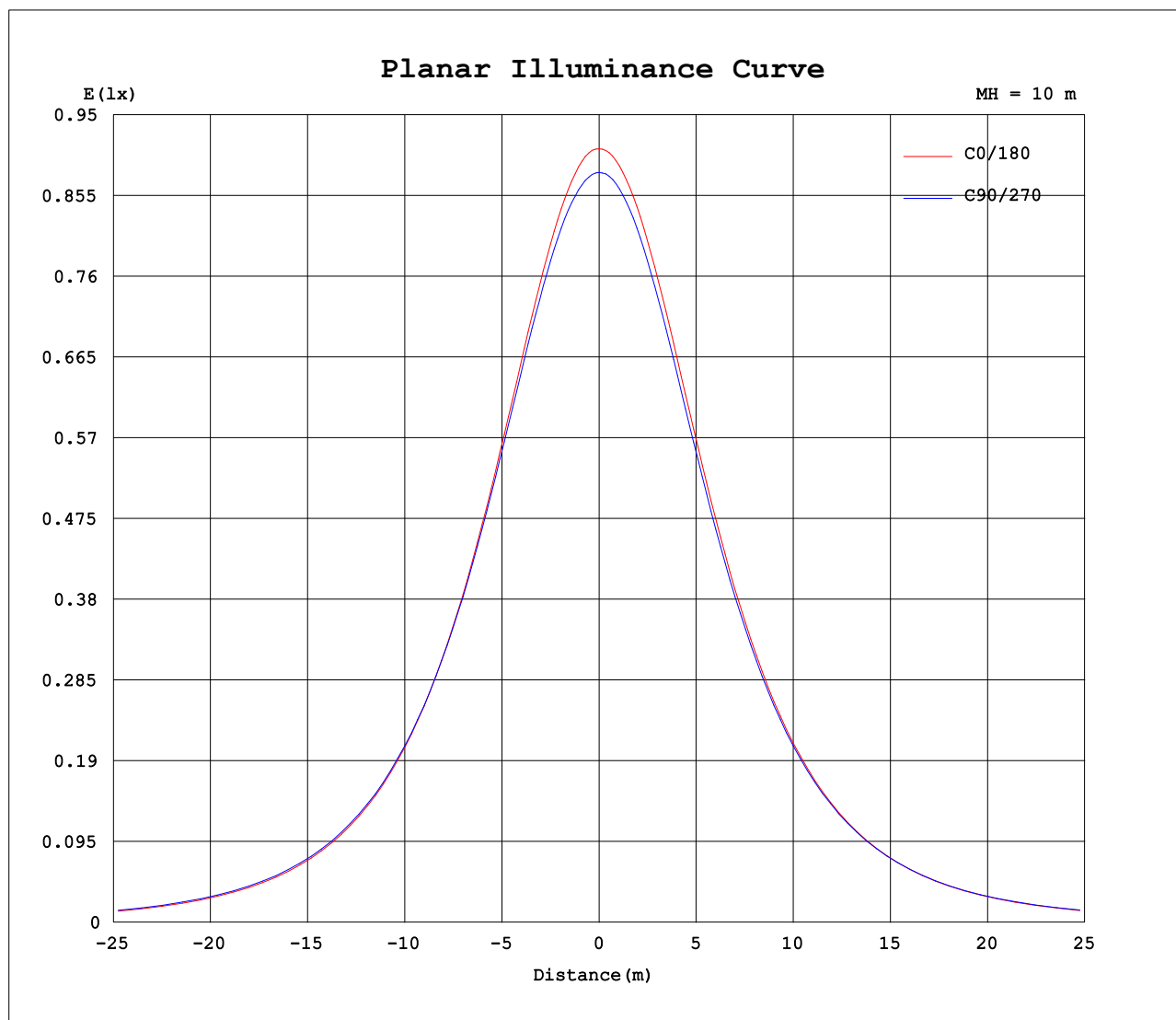
Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-02-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:1.469A P:17.62W PF:1.000 Lamp Flux:259.409x1 lm		
NAME: SF15-12V-5050-60-W12-SPI4-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	91.0	89.9	89.0	88.2	87.5	86.9	91.0	89.9	89.0	88.2	87.5	86.9						
5	90.6	89.5	88.6	87.8	87.1	86.5	90.7	89.6	88.6	87.9	87.2	86.5						
10	89.1	88.1	87.3	86.7	85.9	85.3	89.4	88.2	87.5	86.7	86.0	85.2						
15	86.8	86.1	85.2	84.8	83.9	83.4	87.3	86.2	85.5	84.7	84.0	83.1						
20	83.7	83.1	82.4	82.1	81.2	80.6	84.4	83.3	82.8	82.0	81.3	80.3						
25	79.9	79.4	78.8	78.7	77.8	77.1	80.7	79.6	79.3	78.5	77.9	76.7						
30	75.4	75.1	74.5	74.5	73.7	73.0	76.3	75.3	75.2	74.4	73.8	72.5						
35	70.2	70.0	69.6	69.7	69.0	68.1	71.3	70.4	70.4	69.8	69.1	67.5						
40	64.5	64.5	64.2	64.5	63.7	62.8	65.8	65.0	65.1	64.5	63.9	62.1						
45	58.3	58.5	58.3	58.8	57.9	57.0	59.7	59.0	59.2	58.8	58.1	56.4						
50	51.6	51.9	51.9	52.5	51.8	50.9	53.2	52.6	53.0	52.6	51.9	50.1						
55	44.7	44.9	45.1	45.9	45.1	44.4	46.3	45.9	46.4	46.1	45.3	43.5						
60	37.5	37.7	38.2	38.9	38.3	37.5	39.0	38.8	39.4	39.3	38.4	36.5						
65	30.0	30.4	30.9	31.8	31.1	30.3	31.5	31.4	32.3	32.2	31.2	29.6						
70	22.4	22.9	23.4	24.4	23.9	23.1	23.9	23.9	25.0	25.0	24.0	22.3						
75	15.1	15.5	16.1	17.2	16.7	15.9	16.3	16.4	17.5	17.7	16.7	15.1						
80	8.18	8.65	9.11	10.3	9.90	9.08	9.15	9.26	10.5	10.7	9.83	8.38						
85	3.23	3.42	3.58	4.45	4.29	3.62	3.50	3.59	4.42	4.85	4.06	3.19						
90	1.30	1.34	1.61	2.23	1.97	1.43	1.00	1.21	1.46	1.92	1.54	1.09						
95	1.10	1.21	1.54	2.03	1.84	1.16	0.61	0.86	1.38	1.77	1.40	0.86						
100	1.09	1.20	1.54	2.00	2.15	1.20	0.60	0.85	1.40	1.72	1.34	0.85						
105	1.10	1.20	1.54	1.98	1.93	1.23	0.67	0.87	1.41	1.71	1.34	0.84						
110	1.12	1.25	1.55	1.95	1.83	1.25	0.73	0.94	1.43	1.69	1.37	0.85						
115	1.14	1.30	1.55	1.93	1.85	1.29	0.82	0.98	1.45	1.67	1.41	0.89						
120	1.18	1.34	1.56	1.86	1.85	1.34	0.90	1.07	1.47	1.64	1.42	0.97						
125	1.27	1.38	1.58	1.84	1.86	1.41	0.99	1.12	1.50	1.62	1.44	1.04						
130	1.32	1.43	1.60	1.84	1.85	1.45	1.09	1.18	1.52	1.62	1.47	1.07						
135	1.40	1.47	1.62	1.84	1.84	1.52	1.18	1.27	1.55	1.62	1.49	1.15						
140	1.43	1.51	1.66	1.83	1.83	1.57	1.27	1.32	1.59	1.62	1.52	1.21						
145	1.49	1.56	1.66	1.83	1.77	1.62	1.36	1.39	1.62	1.62	1.57	1.29						
150	1.54	1.61	1.66	1.77	1.72	1.65	1.45	1.46	1.66	1.63	1.59	1.36						
155	1.61	1.66	1.66	1.75	1.73	1.68	1.54	1.51	1.68	1.63	1.63	1.41						
160	1.63	1.70	1.67	1.75	1.72	1.70	1.61	1.59	1.70	1.63	1.66	1.51						
165	1.68	1.74	1.67	1.74	1.71	1.70	1.68	1.62	1.73	1.64	1.68	1.54						
170	1.72	1.77	1.68	1.74	1.72	1.72	1.77	1.66	1.74	1.66	1.70	1.60						
175	1.74	1.78	1.72	1.73	1.73	1.74	1.79	1.74	1.74	1.71	1.73	1.63						
180	1.78	1.78	1.73	1.73	1.73	1.75	1.79	1.73	1.75	1.74	1.75	1.69						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [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	91.01	89.91	88.98	88.21	87.51	86.91	91.01	89.91	88.98	88.21
3.0	90.87	89.73	88.87	88.04	87.42	86.77	90.91	89.84	88.87	88.15
6.0	90.34	89.26	88.37	87.60	86.97	86.36	90.48	89.36	88.47	87.72
9.0	89.48	88.48	87.59	86.95	86.23	85.61	89.73	88.60	87.78	87.03
12.0	88.30	87.37	86.56	85.94	85.22	84.64	88.67	87.48	86.80	86.02
15.0	86.84	86.06	85.23	84.75	83.94	83.38	87.31	86.15	85.53	84.73
18.0	85.08	84.34	83.63	83.21	82.42	81.80	85.66	84.45	83.96	83.21
21.0	83.05	82.41	81.72	81.41	80.60	79.96	83.71	82.58	82.13	81.36
24.0	80.74	80.23	79.59	79.41	78.54	77.90	81.50	80.35	80.07	79.27
27.0	78.20	77.71	77.19	77.03	76.24	75.46	79.03	78.01	77.72	76.94
30.0	75.39	75.08	74.55	74.55	73.68	72.96	76.32	75.33	75.16	74.41
33.0	72.35	72.14	71.67	71.74	70.90	70.10	73.39	72.40	72.39	71.63
36.0	69.12	68.95	68.60	68.73	67.95	67.06	70.24	69.37	69.37	68.74
39.0	65.68	65.62	65.33	65.58	64.76	63.93	66.90	66.04	66.16	65.60
42.0	62.04	62.07	61.88	62.16	61.42	60.56	63.37	62.56	62.78	62.26
45.0	58.27	58.53	58.27	58.82	57.93	57.04	59.67	58.98	59.22	58.80
48.0	54.32	54.54	54.48	55.03	54.28	53.41	55.85	55.20	55.52	55.12
51.0	50.28	50.56	50.58	51.25	50.48	49.62	51.84	51.26	51.71	51.31
54.0	46.14	46.31	46.54	47.20	46.51	45.69	47.66	47.27	47.73	47.44
57.0	41.84	42.15	42.39	43.16	42.40	41.67	43.42	43.12	43.67	43.39
60.0	37.48	37.75	38.16	38.92	38.25	37.46	39.02	38.78	39.41	39.26
63.0	32.99	33.31	33.82	34.60	34.00	33.14	34.52	34.52	35.23	35.11
66.0	28.49	28.89	29.39	30.37	29.66	28.90	30.02	29.88	30.74	30.80
69.0	23.95	24.34	24.94	25.87	25.32	24.44	25.43	25.46	26.48	26.41
72.0	19.47	19.86	20.48	21.62	20.98	20.27	20.81	21.01	21.94	22.09
75.0	15.06	15.47	16.10	17.21	16.67	15.87	16.27	16.39	17.49	17.69
78.0	10.81	11.29	11.84	12.91	12.52	11.61	11.87	12.17	13.26	13.39
81.0	6.952	7.393	7.853	9.034	8.677	7.815	7.839	7.954	9.175	9.388
84.0	3.951	4.224	4.487	5.386	5.256	4.418	4.387	4.492	5.493	5.856
87.0	2.146	2.199	2.278	2.870	2.819	2.428	2.149	2.297	2.688	3.172
90.0	1.304	1.336	1.608	2.229	1.969	1.426	0.9953	1.214	1.460	1.920
93.0	1.115	1.219	1.558	2.108	1.828	1.150	0.7069	0.8662	1.403	1.836
96.0	1.099	1.208	1.538	2.022	1.890	1.171	0.5542	0.8578	1.384	1.759
99.0	1.095	1.198	1.539	2.006	2.126	1.191	0.5888	0.8493	1.393	1.725
102.0	1.091	1.198	1.540	1.991	2.133	1.205	0.6304	0.8408	1.406	1.715
105.0	1.099	1.198	1.542	1.975	1.926	1.233	0.6651	0.8657	1.406	1.711
108.0	1.112	1.212	1.543	1.960	1.829	1.241	0.7067	0.9140	1.427	1.692
111.0	1.125	1.254	1.547	1.944	1.831	1.261	0.7551	0.9350	1.441	1.684
114.0	1.138	1.275	1.553	1.925	1.835	1.274	0.8036	0.9764	1.454	1.676
117.0	1.150	1.316	1.558	1.877	1.845	1.309	0.8520	1.039	1.461	1.655
120.0	1.177	1.337	1.564	1.862	1.853	1.344	0.9004	1.067	1.472	1.641
123.0	1.233	1.364	1.570	1.851	1.860	1.378	0.9491	1.087	1.482	1.628
126.0	1.281	1.385	1.583	1.842	1.859	1.413	1.005	1.170	1.496	1.622
129.0	1.312	1.413	1.600	1.840	1.853	1.441	1.060	1.170	1.519	1.619
132.0	1.343	1.447	1.612	1.838	1.848	1.468	1.115	1.219	1.528	1.620
135.0	1.397	1.468	1.624	1.836	1.842	1.517	1.184	1.267	1.552	1.620
138.0	1.414	1.489	1.648	1.833	1.836	1.538	1.233	1.295	1.572	1.620
141.0	1.440	1.531	1.656	1.831	1.830	1.579	1.282	1.337	1.593	1.620
144.0	1.489	1.551	1.657	1.829	1.801	1.607	1.344	1.385	1.627	1.622
147.0	1.511	1.572	1.659	1.814	1.752	1.628	1.392	1.406	1.635	1.625
150.0	1.535	1.614	1.660	1.766	1.725	1.648	1.448	1.461	1.662	1.627
153.0	1.599	1.641	1.662	1.751	1.728	1.662	1.503	1.490	1.676	1.629
156.0	1.612	1.669	1.663	1.748	1.724	1.676	1.545	1.517	1.690	1.630
159.0	1.629	1.690	1.665	1.746	1.720	1.697	1.593	1.558	1.700	1.632
162.0	1.648	1.704	1.666	1.743	1.715	1.699	1.642	1.600	1.711	1.636
165.0	1.677	1.738	1.668	1.741	1.714	1.702	1.683	1.620	1.732	1.643
168.0	1.700	1.759	1.669	1.739	1.715	1.704	1.732	1.641	1.735	1.651
171.0	1.723	1.774	1.717	1.736	1.717	1.725	1.773	1.655	1.738	1.659
174.0	1.734	1.777	1.718	1.734	1.723	1.735	1.788	1.710	1.742	1.704
177.0	1.738	1.780	1.725	1.731	1.731	1.745	1.801	1.731	1.745	1.725
180.0	1.780	1.780	1.731	1.731	1.731	1.745	1.794	1.731	1.745	1.738
G/C	300.0	330.0								
0.0	87.51	86.91								
3.0	87.40	86.81								
6.0	87.00	86.34								
9.0	86.29	85.56								
12.0	85.31	84.48								
15.0	84.05	83.09								
18.0	82.51	81.45								
21.0	80.71	79.56								
24.0	78.66	77.37								
27.0	76.34	75.08								
30.0	73.81	72.46								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-02-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

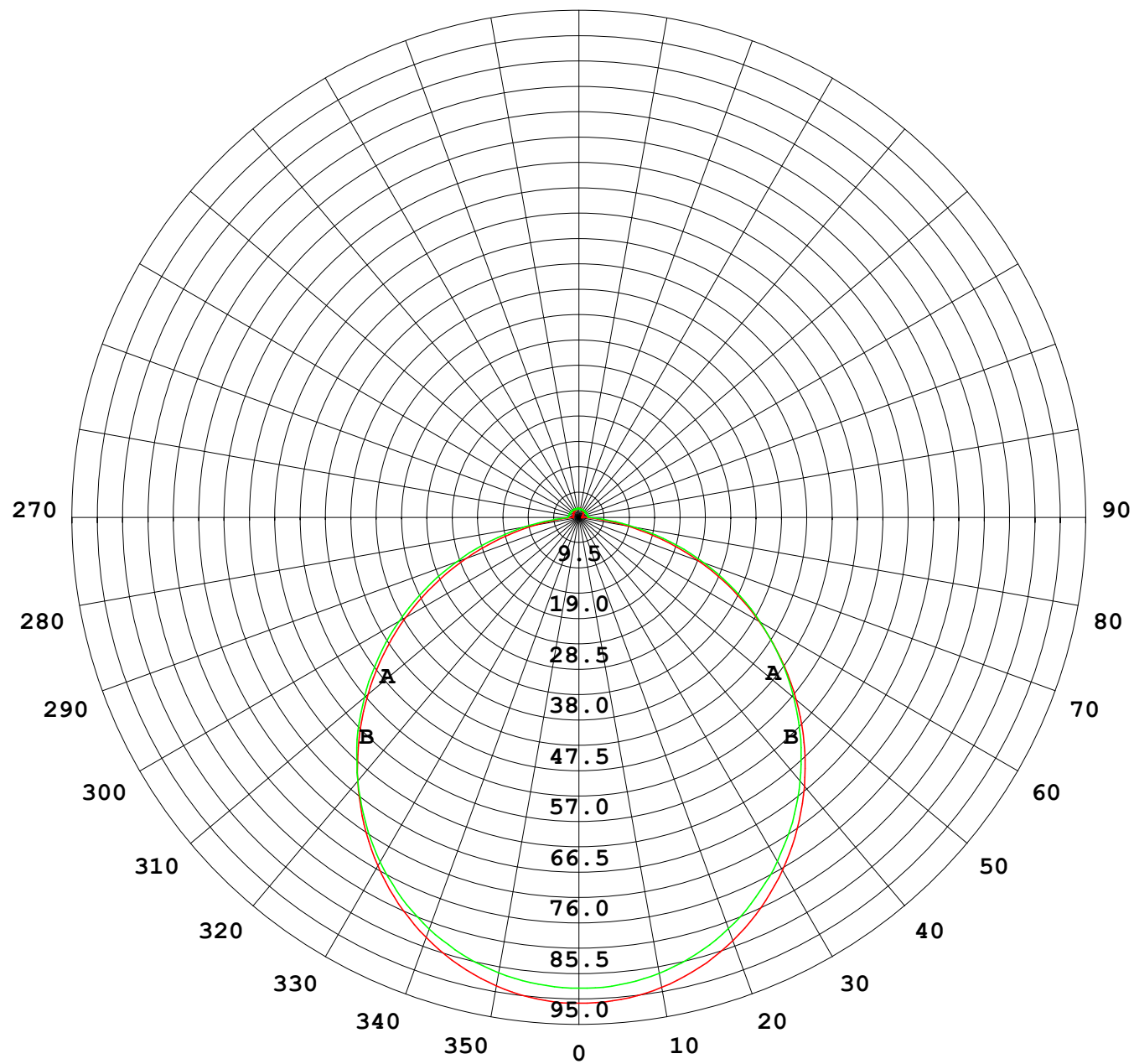
Photometric Data Table [cd]

33.0	71.06	69.54
36.0	68.08	66.49
39.0	64.95	63.29
42.0	61.60	59.81
45.0	58.08	56.39
48.0	54.42	52.66
51.0	50.60	48.80
54.0	46.65	44.88
57.0	42.54	40.76
60.0	38.35	36.54
63.0	34.08	32.23
66.0	29.81	28.03
69.0	25.44	23.70
72.0	20.98	19.40
75.0	16.66	15.11
78.0	12.51	11.08
81.0	8.553	7.191
84.0	5.044	4.006
87.0	2.426	2.048
90.0	1.536	1.089
93.0	1.456	0.8729
96.0	1.376	0.8602
99.0	1.342	0.8520
102.0	1.330	0.8437
105.0	1.344	0.8445
108.0	1.365	0.8498
111.0	1.392	0.8551
114.0	1.399	0.8657
117.0	1.413	0.9475
120.0	1.425	0.9654
123.0	1.437	0.9834
126.0	1.448	1.046
129.0	1.468	1.073
132.0	1.477	1.101
135.0	1.489	1.150
138.0	1.524	1.191
141.0	1.538	1.246
144.0	1.558	1.267
147.0	1.572	1.309
150.0	1.593	1.356
153.0	1.614	1.393
156.0	1.635	1.433
159.0	1.649	1.503
162.0	1.669	1.515
165.0	1.680	1.537
168.0	1.694	1.593
171.0	1.706	1.605
174.0	1.718	1.621
177.0	1.738	1.641
180.0	1.745	1.690

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

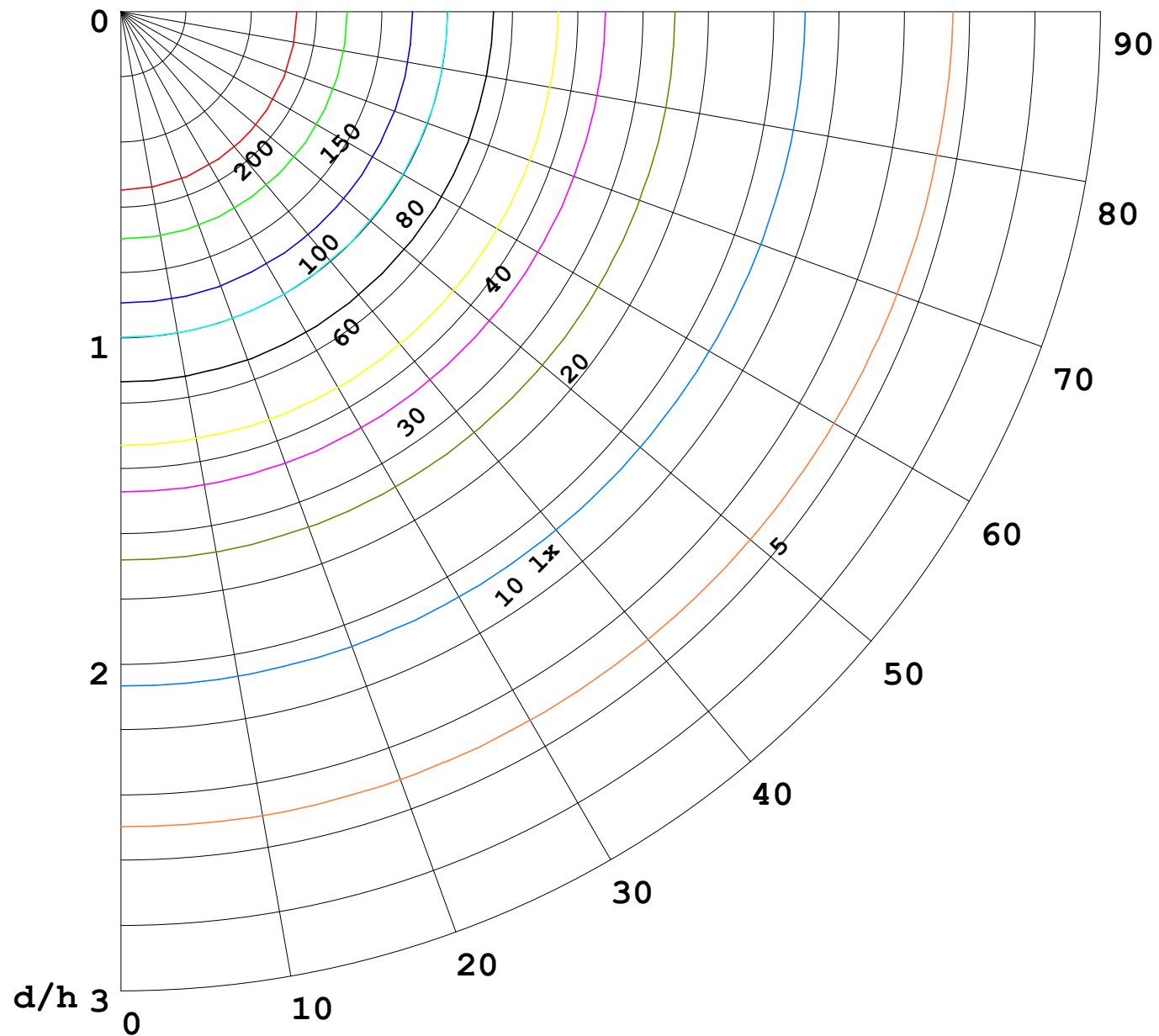
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

I (cd)



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

