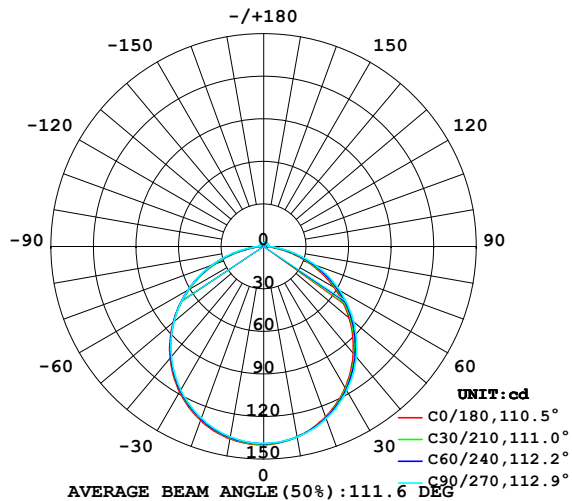


LUMINAIRE PHOTOMETRIC TEST REPORT

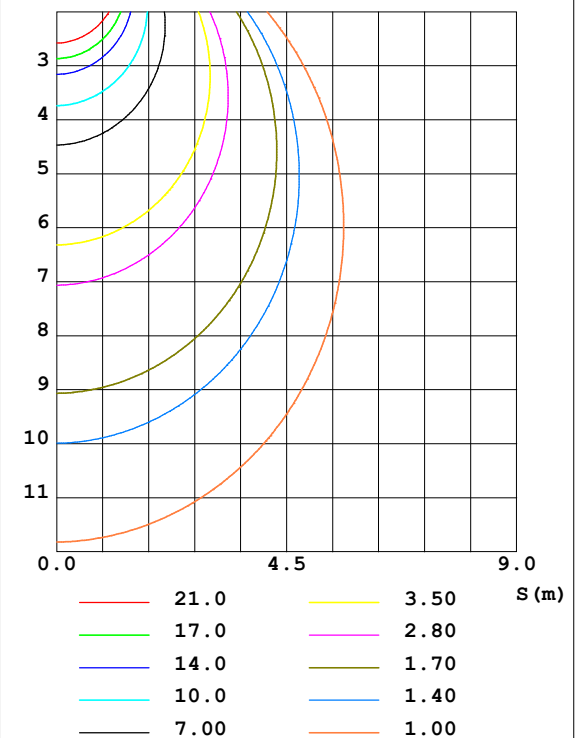
Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.41 lm/W			
MODEL	5050	I _{max} (cd)	139.7	S/MH (C0/180)	1.23
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	406.19	η UP, DN (C0-180)	1.9, 48.0
NOMINAL FLUX (lm)	406.19	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.5
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	96.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



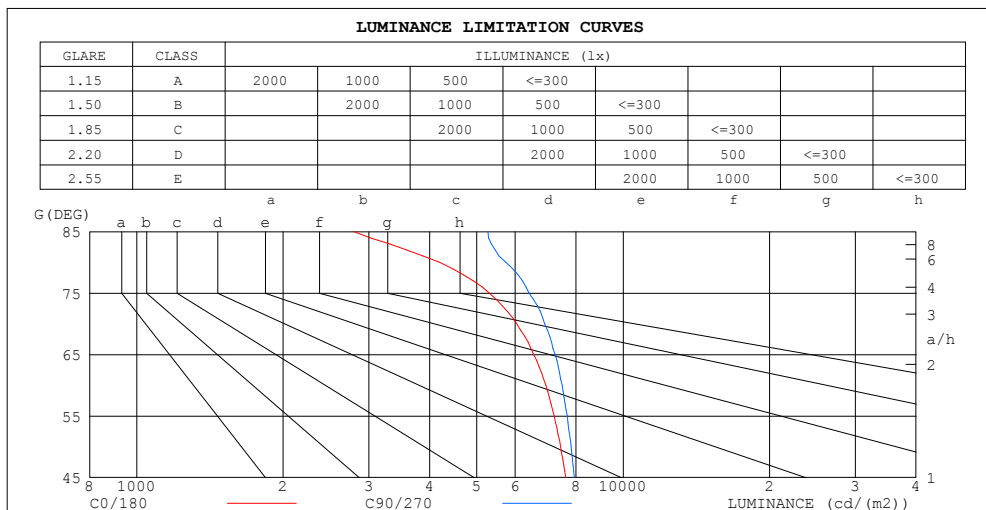
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-09-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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	136.3	136.4	136.4	136.3	137.7	136.9	136.3	135.8	0- 10	13.15	13.15	3.24,3.24
20	127.9	128.5	129.1	129.0	130.5	129.5	128.8	128.0	10- 20	37.60	50.75	12.5,12.5
30	115.0	116.1	117.3	117.2	118.6	117.6	117.0	115.7	20- 30	56.84	107.6	26.5,26.5
40	98.34	99.92	101.6	101.4	102.7	101.9	101.3	99.89	30- 40	68.32	175.9	43.3,43.3
50	78.85	80.77	82.93	82.31	83.32	82.95	82.74	81.01	40- 50	70.69	246.6	60.7,60.7
60	57.18	59.50	61.78	60.70	61.23	61.46	61.64	59.72	50- 60	63.75	310.4	76.4,76.4
70	34.07	36.53	38.89	36.99	37.12	37.85	38.94	36.87	60- 70	48.34	358.7	88.3,88.3
80	12.01	14.21	16.44	13.55	13.10	14.13	16.49	14.47	70- 80	26.85	385.5	94.9,94.9
90	1.342	2.343	3.513	1.711	0.6385	1.274	3.520	1.712	80- 90	6.795	392.3	96.6,96.6
100	1.482	2.443	3.367	1.875	0.8446	1.450	3.131	1.789	90-100	2.129	394.5	97.1,97.1
110	1.713	2.533	3.066	2.053	1.076	1.633	2.709	1.902	100-110	2.146	396.6	97.6,97.6
120	1.899	2.601	2.925	2.241	1.322	1.817	2.608	2.008	110-120	2.104	398.7	98.2,98.2
130	2.075	2.618	2.865	2.340	1.593	1.985	2.553	2.121	120-130	1.991	400.7	98.7,98.7
140	2.236	2.639	2.764	2.425	1.870	2.169	2.548	2.264	130-140	1.793	402.5	99.1,99.1
150	2.372	2.664	2.729	2.510	2.141	2.355	2.563	2.410	140-150	1.520	404.0	99.5,99.5
160	2.533	2.694	2.724	2.596	2.382	2.510	2.623	2.540	150-160	1.169	405.2	99.8,99.8
170	2.613	2.709	2.724	2.664	2.588	2.628	2.699	2.631	160-170	0.7417	405.9	99.9,99.9
180	2.659	2.719	2.724	2.701	2.664	2.689	2.704	2.674	170-180	0.2551	406.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2789	5271
80	4193	5738
75	5307	6401
70	6038	6892
65	6551	7246
60	6931	7488
55	7214	7672
50	7434	7819
45	7620	7940

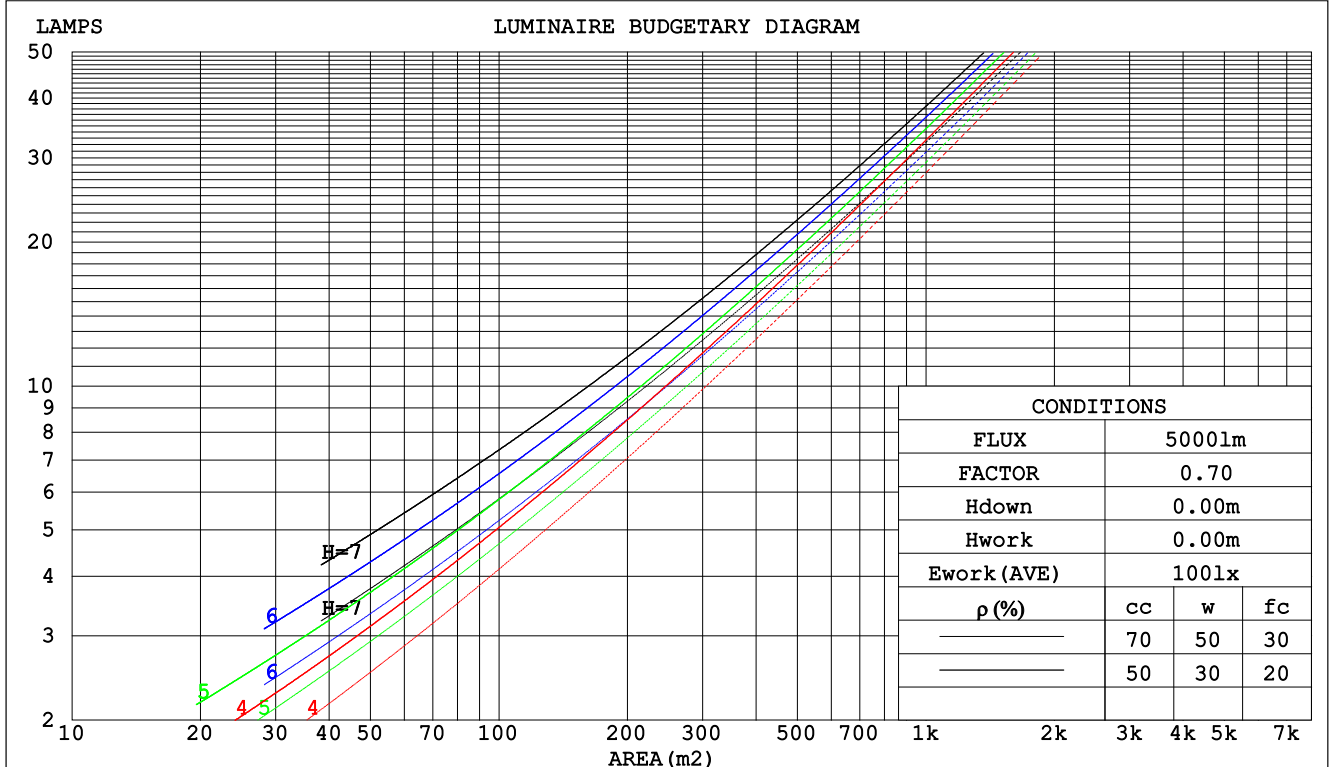
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE:硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	.93	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.88	.82	.76	.84	.78	.74	.80	.76	.72	.76	.73	.70	.67
3.0	.79	.71	.64	.77	.70	.64	.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	.41	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
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:
Test Date:2023-09-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	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	.306	.174	.055	.298	.170	.054	.282	.162	.052	.268	.155	.050	.256	.148	.048		
2.0	.288	.158	.048	.281	.155	.048	.268	.149	.046	.255	.143	.045	.244	.138	.043		
3.0	.267	.142	.043	.261	.140	.042	.249	.135	.041	.238	.130	.040	.227	.126	.039		
4.0	.247	.128	.038	.241	.126	.037	.231	.122	.037	.221	.118	.036	.211	.115	.035		
5.0	.228	.116	.034	.223	.115	.033	.214	.111	.033	.205	.108	.032	.197	.105	.032		
6.0	.212	.106	.030	.207	.105	.030	.199	.102	.030	.191	.099	.029	.183	.096	.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	.169	.083	.023	.163	.081	.023	.157	.079	.023	.152	.077	.022		
10.0	.162	.078	.022	.159	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.206	.182	.161	.176	.157	.138	.121	.108	.096	.069	.062	.056	.022	.020	.018	
2.0	.198	.158	.125	.170	.136	.108	.116	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.190	.141	.101	.163	.121	.088	.112	.084	.062	.065	.049	.036	.021	.016	.012	
4.0	.183	.128	.085	.157	.110	.074	.108	.077	.052	.062	.045	.031	.020	.015	.010	
5.0	.176	.117	.074	.151	.101	.065	.104	.071	.046	.060	.042	.027	.019	.014	.009	
6.0	.168	.109	.066	.145	.094	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.139	.088	.053	.096	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.155	.096	.056	.134	.084	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007	
9.0	.149	.091	.052	.129	.079	.046	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.050	.124	.076	.043	.086	.053	.031	.050	.031	.018	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm											
NAME: SF15-24V-5050-72-U2-2700K						TYPE:硅胶		WEIGHT:			
DIM.: 21MM*11.5MM						SPEC.:		SERIAL No.:202309015			
MFR.: OLYMPIA						SUR.:1.0*0.0115		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	19.5	21.0	19.8	21.2	21.5	19.8	21.2	20.1	21.5	21.8	
	3H	20.9	22.2	21.2	22.5	22.8	21.3	22.7	21.6	22.9	23.3
	4H	21.4	22.7	21.8	23.0	23.3	21.9	23.2	22.3	23.5	23.8
	6H	21.7	22.9	22.1	23.2	23.6	22.4	23.6	22.7	23.9	24.2
	8H	21.8	22.9	22.1	23.3	23.6	22.5	23.7	22.9	24.0	24.4
	12H	21.8	22.9	22.2	23.2	23.6	22.6	23.7	23.0	24.0	24.4
4H	2H	20.1	21.4	20.5	21.7	22.0	20.3	21.6	20.7	21.9	22.2
	3H	21.7	22.8	22.1	23.2	23.5	22.0	23.2	22.4	23.5	23.9
	4H	22.3	23.3	22.7	23.7	24.1	22.8	23.8	23.2	24.2	24.6
	6H	22.7	23.6	23.2	24.0	24.5	23.3	24.2	23.8	24.6	25.1
	8H	22.8	23.6	23.3	24.1	24.5	23.5	24.3	24.0	24.8	25.2
	12H	22.8	23.6	23.3	24.1	24.5	23.6	24.4	24.1	24.9	25.3
8H	4H	22.6	23.4	23.0	23.8	24.3	23.0	23.8	23.4	24.2	24.7
	6H	23.1	23.8	23.6	24.3	24.8	23.7	24.4	24.2	24.8	25.3
	8H	23.3	23.9	23.8	24.4	24.9	23.9	24.5	24.4	25.0	25.5
	12H	23.3	23.9	23.9	24.4	24.9	24.1	24.7	24.7	25.2	25.7
12H	4H	22.6	23.3	23.1	23.8	24.3	23.0	23.7	23.4	24.2	24.7
	6H	23.1	23.8	23.7	24.2	24.8	23.7	24.3	24.2	24.8	25.3
	8H	23.3	23.9	23.9	24.4	24.9	24.0	24.5	24.5	25.0	25.6
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 406.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

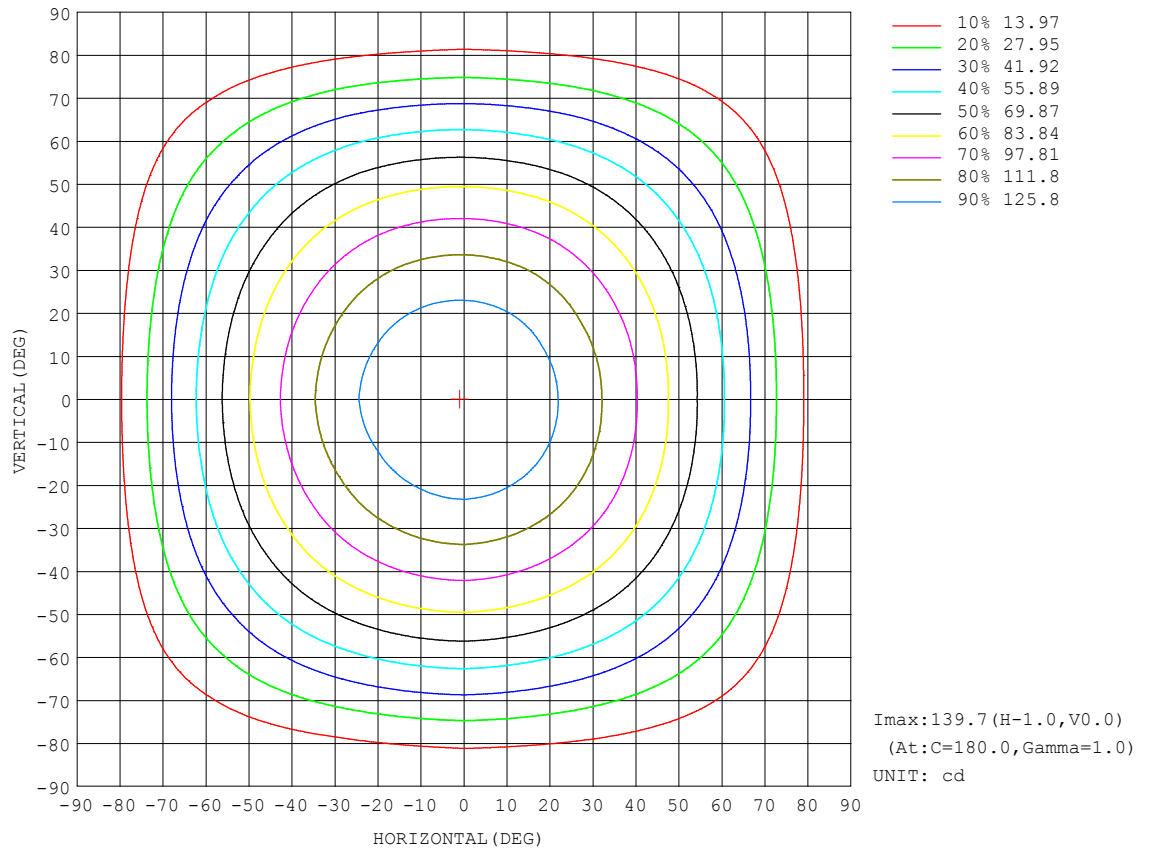
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

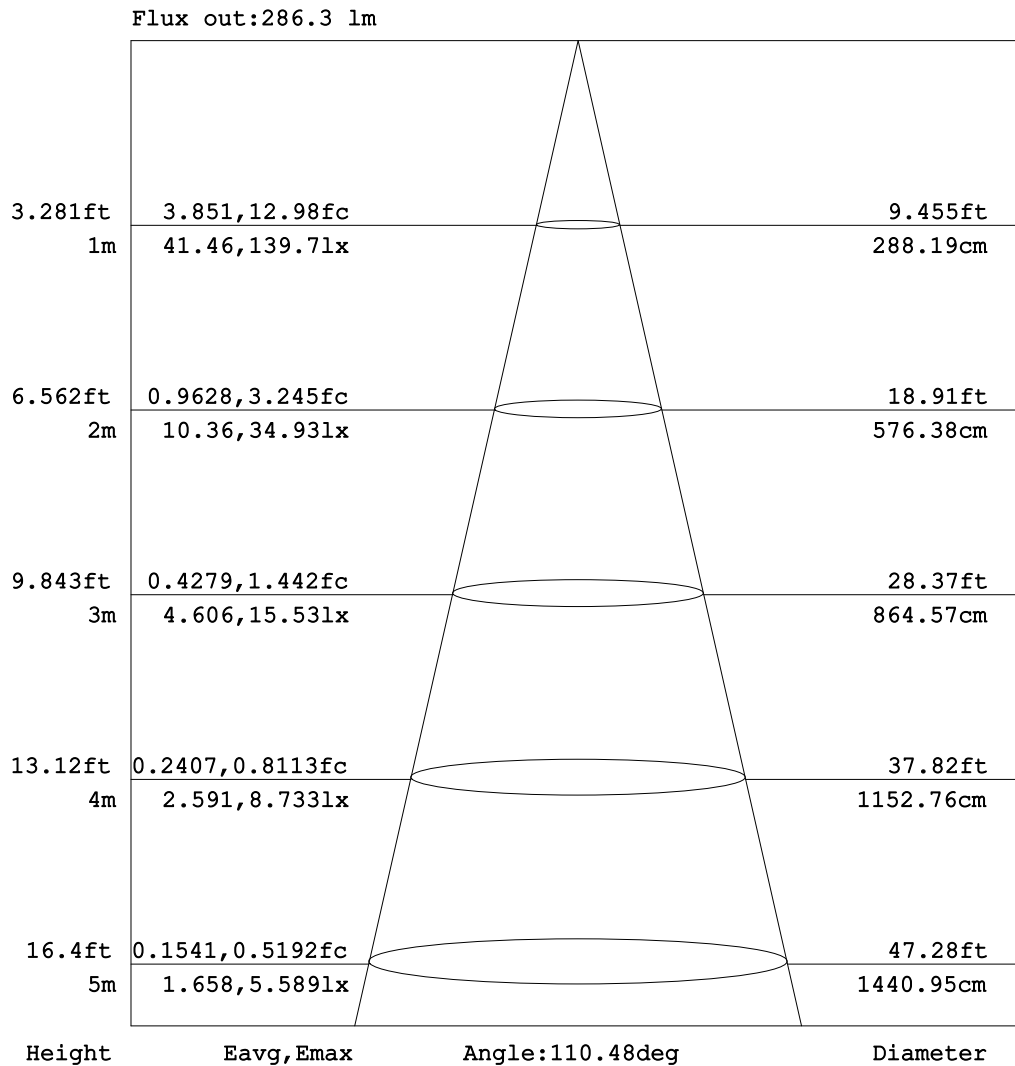


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE: 硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:



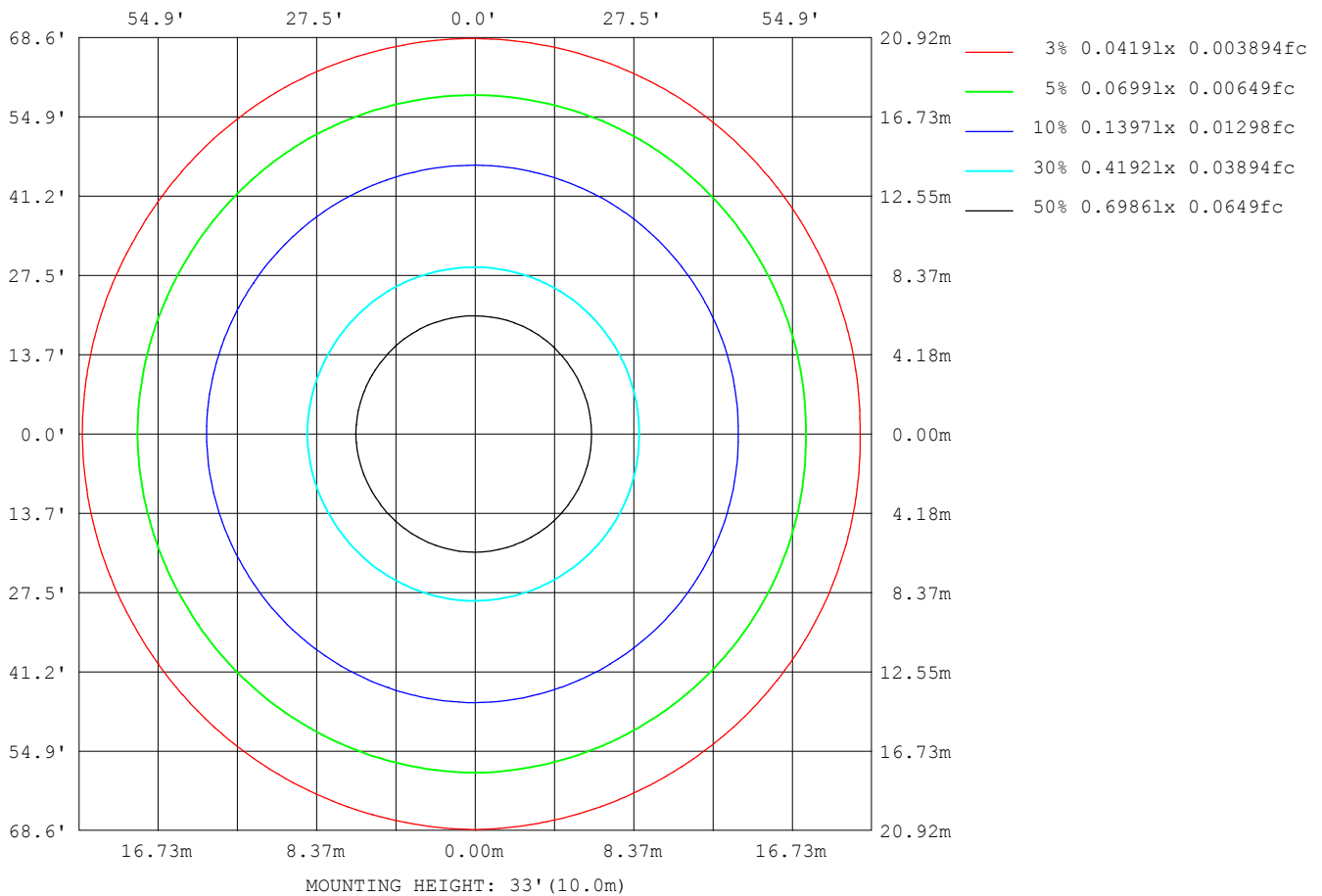
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-09-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

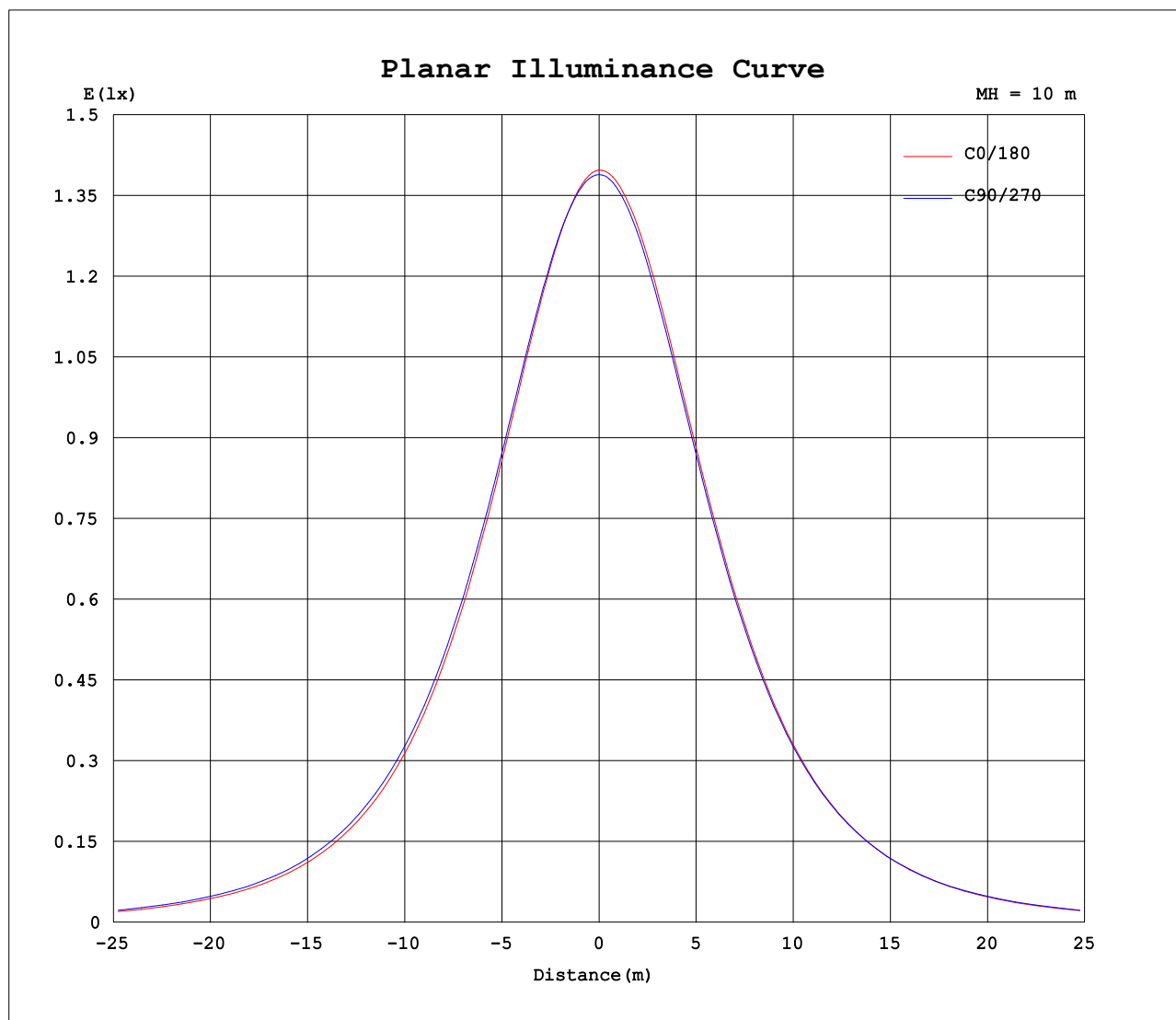
Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE:硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
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:
Test Date: 2023-09-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5095A P:12.16W PF:1.000 Lamp Flux:406.19x1 lm		
NAME: SF15-24V-5050-72-U2-2700K	TYPE:硅胶	WEIGHT:
DIM.: 21MM*11.5MM	SPEC.:	SERIAL No.:202309015
MFR.: OLYMPIA	SUR.:1.0*0.0115	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	140	139	139	139	139	139	140	139	139	139	139	139						
5	139	139	138	138	138	138	139	139	139	138	138	138						
10	136	136	136	136	136	136	138	137	137	136	136	136						
15	133	133	133	133	133	133	135	134	134	133	133	132						
20	128	128	129	129	129	129	131	130	129	129	128	128						
25	122	123	123	124	124	124	125	124	124	123	123	122						
30	115	116	116	117	117	117	119	118	118	117	116	115						
35	107	108	109	110	110	110	111	110	110	110	109	108						
40	98.3	99.4	100	102	101	101	103	102	102	101	101	99.1						
45	88.9	90.1	91.3	92.6	92.2	92.2	93.4	92.8	92.8	92.4	91.6	89.9						
50	78.8	80.1	81.4	82.9	82.4	82.2	83.3	82.9	83.1	82.7	81.9	80.1						
55	68.3	69.6	71.1	72.6	72.0	71.6	72.6	72.1	72.7	72.5	71.7	69.6						
60	57.2	58.8	60.2	61.8	61.0	60.4	61.2	61.1	61.9	61.6	60.8	58.6						
65	45.7	47.6	48.9	50.5	49.4	48.7	49.3	49.3	50.4	50.5	49.5	47.3						
70	34.1	35.8	37.3	38.9	37.4	36.6	37.1	37.0	38.7	38.9	38.0	35.8						
75	22.7	24.2	25.8	27.3	25.4	24.3	24.8	24.6	26.7	27.5	26.3	24.4						
80	12.0	13.4	15.0	16.4	14.1	12.9	13.1	13.2	15.1	16.5	15.3	13.6						
85	4.01	5.01	6.30	7.58	5.03	3.82	3.67	3.75	5.51	7.56	6.31	4.95						
90	1.34	1.86	2.83	3.51	2.04	1.39	0.64	0.89	1.66	3.52	2.15	1.28						
95	1.39	1.93	2.83	3.44	2.09	1.49	0.74	0.94	1.75	3.38	2.18	1.25						
100	1.48	2.02	2.86	3.37	2.17	1.58	0.84	1.06	1.84	3.13	2.24	1.34						
105	1.58	2.11	2.87	3.19	2.26	1.68	0.96	1.16	1.92	2.85	2.26	1.45						
110	1.71	2.19	2.87	3.07	2.33	1.78	1.08	1.28	1.99	2.71	2.28	1.52						
115	1.80	2.26	2.87	3.01	2.40	1.87	1.20	1.40	2.06	2.65	2.29	1.64						
120	1.90	2.33	2.87	2.92	2.52	1.97	1.32	1.51	2.13	2.61	2.30	1.71						
125	1.99	2.37	2.85	2.88	2.53	2.05	1.45	1.61	2.18	2.57	2.32	1.80						
130	2.08	2.42	2.81	2.86	2.54	2.14	1.59	1.73	2.24	2.55	2.34	1.90						
135	2.16	2.46	2.79	2.80	2.54	2.24	1.73	1.85	2.30	2.54	2.39	1.99						
140	2.24	2.50	2.77	2.76	2.55	2.30	1.87	1.97	2.37	2.55	2.44	2.09						
145	2.30	2.54	2.76	2.74	2.56	2.38	2.01	2.10	2.44	2.55	2.49	2.20						
150	2.37	2.57	2.75	2.73	2.57	2.45	2.14	2.21	2.50	2.56	2.54	2.28						
155	2.45	2.61	2.75	2.72	2.60	2.53	2.27	2.32	2.56	2.60	2.58	2.37						
160	2.53	2.65	2.74	2.72	2.61	2.58	2.38	2.41	2.61	2.62	2.63	2.45						
165	2.58	2.67	2.73	2.72	2.63	2.63	2.49	2.51	2.66	2.65	2.66	2.52						
170	2.61	2.69	2.73	2.72	2.65	2.67	2.59	2.56	2.69	2.70	2.69	2.57						
175	2.64	2.70	2.72	2.72	2.67	2.70	2.65	2.62	2.70	2.70	2.70	2.61						
180	2.66	2.71	2.72	2.72	2.70	2.70	2.66	2.68	2.69	2.70	2.70	2.64						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
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	139.7	139.3	139.1	138.9	138.7	138.5	139.7	139.3	139.1	138.9
3.0	139.3	139.0	138.8	138.7	138.5	138.4	139.6	139.2	138.9	138.7
6.0	138.3	138.2	138.1	138.0	137.9	137.8	139.1	138.6	138.3	138.0
9.0	136.9	136.9	136.8	136.9	136.8	136.8	138.1	137.6	137.2	136.8
12.0	135.0	135.2	135.2	135.4	135.2	135.3	136.7	136.0	135.6	135.2
15.0	132.7	133.1	133.1	133.3	133.2	133.4	134.8	134.0	133.6	133.1
18.0	129.9	130.4	130.5	131.0	130.8	131.0	132.4	131.6	131.2	130.7
21.0	126.8	127.3	127.6	128.1	127.9	128.1	129.5	128.7	128.4	127.8
24.0	123.2	123.9	124.3	124.9	124.7	125.0	126.3	125.5	125.1	124.6
27.0	119.3	119.9	120.6	121.2	121.1	121.2	122.6	121.8	121.5	121.0
30.0	115.0	115.8	116.5	117.3	117.1	117.3	118.6	117.7	117.5	117.0
33.0	110.3	111.2	112.0	113.0	112.7	112.9	114.3	113.4	113.2	112.6
36.0	105.4	106.3	107.3	108.2	108.1	108.1	109.5	108.7	108.6	108.0
39.0	100.1	101.3	102.2	103.3	103.1	103.1	104.5	103.6	103.6	103.0
42.0	94.62	95.80	96.84	98.11	97.77	97.82	99.11	98.33	98.35	97.81
45.0	88.91	90.09	91.27	92.64	92.24	92.19	93.44	92.75	92.83	92.36
48.0	82.92	84.17	85.43	86.79	86.43	86.28	87.43	86.77	87.06	86.60
51.0	76.81	78.09	79.42	80.88	80.42	80.16	81.23	80.64	81.05	80.71
54.0	70.43	71.81	73.21	74.67	74.14	73.79	74.78	74.46	74.83	74.67
57.0	63.88	65.51	66.77	68.21	67.67	67.29	68.12	67.44	68.44	68.26
60.0	57.18	58.80	60.20	61.78	60.97	60.43	61.23	61.07	61.85	61.64
63.0	50.36	52.08	53.44	55.15	54.14	53.36	54.13	53.75	55.04	55.16
66.0	43.34	45.16	46.59	48.15	47.02	46.30	46.92	46.78	48.14	48.25
69.0	36.39	38.06	39.64	41.30	39.91	38.95	39.57	39.62	41.07	41.22
72.0	29.49	30.95	32.68	34.45	32.70	31.57	32.09	32.03	33.82	34.46
75.0	22.66	24.23	25.80	27.33	25.43	24.32	24.77	24.57	26.67	27.48
78.0	16.09	17.55	19.12	20.86	18.67	17.28	17.71	17.71	19.68	20.64
81.0	10.04	11.47	12.97	14.34	12.07	10.93	11.00	11.03	12.98	14.68
84.0	5.215	6.370	7.725	9.127	6.484	5.243	5.258	5.331	7.157	8.982
87.0	2.140	2.940	4.017	5.080	2.676	1.796	1.371	1.576	2.911	5.232
90.0	1.342	1.860	2.825	3.513	2.035	1.387	0.6385	0.8896	1.659	3.520
93.0	1.337	1.895	2.824	3.478	2.050	1.448	0.6988	0.9195	1.709	3.382
96.0	1.397	1.945	2.849	3.412	2.106	1.513	0.7591	0.9697	1.769	3.357
99.0	1.467	2.005	2.860	3.387	2.151	1.568	0.8195	1.030	1.820	3.182
102.0	1.523	2.061	2.865	3.317	2.196	1.623	0.8848	1.100	1.875	3.036
105.0	1.583	2.106	2.875	3.191	2.256	1.684	0.9552	1.161	1.915	2.855
108.0	1.653	2.156	2.875	3.106	2.302	1.744	1.031	1.236	1.960	2.749
111.0	1.714	2.201	2.875	3.045	2.352	1.804	1.106	1.311	2.005	2.699
114.0	1.794	2.247	2.875	3.015	2.377	1.860	1.181	1.372	2.051	2.664
117.0	1.839	2.287	2.875	2.960	2.457	1.915	1.252	1.432	2.086	2.634
120.0	1.899	2.327	2.875	2.925	2.518	1.965	1.322	1.508	2.126	2.608
123.0	1.965	2.357	2.870	2.910	2.538	2.015	1.397	1.563	2.151	2.583
126.0	2.010	2.387	2.840	2.875	2.533	2.066	1.483	1.633	2.196	2.573
129.0	2.055	2.417	2.820	2.865	2.538	2.126	1.568	1.718	2.227	2.553
132.0	2.116	2.443	2.804	2.849	2.538	2.181	1.639	1.789	2.267	2.548
135.0	2.161	2.458	2.789	2.799	2.538	2.242	1.729	1.854	2.302	2.543
138.0	2.206	2.488	2.779	2.774	2.538	2.277	1.810	1.920	2.337	2.543
141.0	2.251	2.508	2.769	2.764	2.543	2.322	1.905	1.995	2.382	2.548
144.0	2.292	2.533	2.764	2.764	2.553	2.362	1.985	2.070	2.418	2.548
147.0	2.337	2.558	2.759	2.744	2.558	2.413	2.066	2.141	2.458	2.548
150.0	2.372	2.573	2.754	2.729	2.568	2.453	2.141	2.206	2.503	2.563
153.0	2.427	2.603	2.749	2.724	2.598	2.503	2.217	2.282	2.543	2.603
156.0	2.457	2.618	2.744	2.724	2.603	2.533	2.292	2.337	2.573	2.603
159.0	2.518	2.644	2.739	2.724	2.613	2.578	2.357	2.397	2.608	2.618
162.0	2.538	2.654	2.734	2.724	2.623	2.598	2.433	2.447	2.634	2.633
165.0	2.578	2.674	2.734	2.724	2.633	2.628	2.493	2.513	2.664	2.649
168.0	2.608	2.679	2.729	2.724	2.644	2.659	2.553	2.538	2.684	2.689
171.0	2.623	2.689	2.729	2.724	2.664	2.674	2.604	2.578	2.699	2.699
174.0	2.633	2.699	2.724	2.724	2.674	2.699	2.644	2.608	2.699	2.699
177.0	2.649	2.719	2.724	2.724	2.684	2.699	2.664	2.638	2.694	2.704
180.0	2.659	2.714	2.724	2.724	2.704	2.699	2.664	2.684	2.694	2.704
G/C	300.0	330.0								
0.0	138.7	138.5								
3.0	138.4	138.2								
6.0	137.7	137.4								
9.0	136.5	136.2								
12.0	134.9	134.4								
15.0	132.8	132.2								
18.0	130.3	129.6								
21.0	127.4	126.5								
24.0	124.1	123.0								
27.0	120.4	119.3								
30.0	116.4	115.0								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-09-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

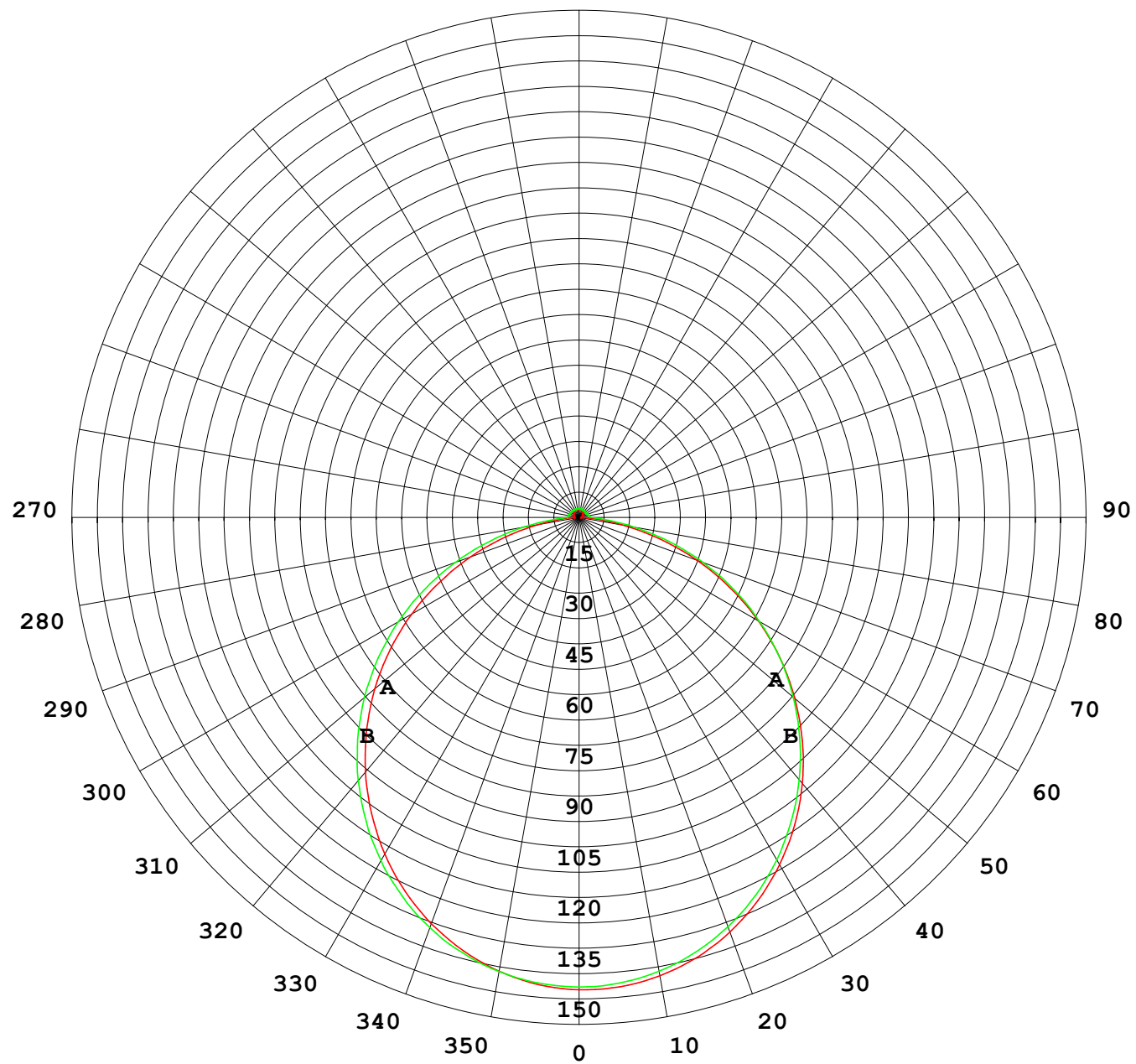
Photometric Data Table [cd]

33.0	112.0	110.5
36.0	107.3	105.9
39.0	102.4	100.8
42.0	97.14	95.41
45.0	91.58	89.89
48.0	85.85	84.03
51.0	79.89	78.04
54.0	73.75	71.82
57.0	67.26	65.34
60.0	60.81	58.62
63.0	53.92	52.03
66.0	47.23	45.07
69.0	40.30	38.02
72.0	33.21	31.22
75.0	26.30	24.40
78.0	19.61	17.67
81.0	13.33	11.59
84.0	7.846	6.338
87.0	3.871	2.703
90.0	2.146	1.278
93.0	2.156	1.246
96.0	2.191	1.271
99.0	2.222	1.327
102.0	2.247	1.397
105.0	2.262	1.447
108.0	2.272	1.503
111.0	2.277	1.558
114.0	2.287	1.608
117.0	2.287	1.653
120.0	2.302	1.714
123.0	2.312	1.779
126.0	2.322	1.824
129.0	2.342	1.885
132.0	2.362	1.935
135.0	2.387	1.990
138.0	2.412	2.045
141.0	2.443	2.121
144.0	2.473	2.171
147.0	2.503	2.221
150.0	2.538	2.282
153.0	2.568	2.332
156.0	2.588	2.377
159.0	2.614	2.447
162.0	2.644	2.478
165.0	2.659	2.523
168.0	2.684	2.553
171.0	2.694	2.598
174.0	2.699	2.603
177.0	2.704	2.623
180.0	2.704	2.644

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-21

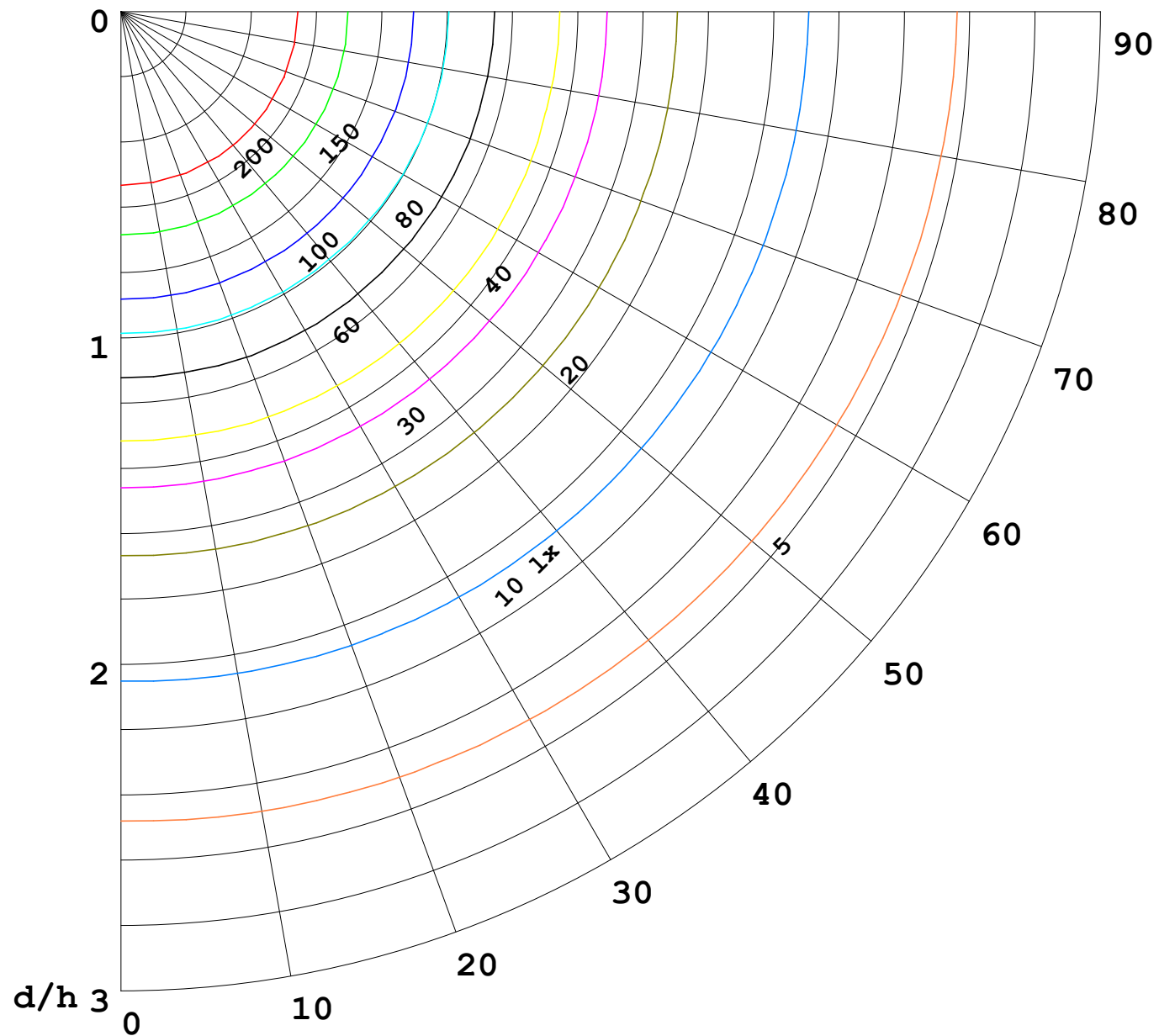
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

