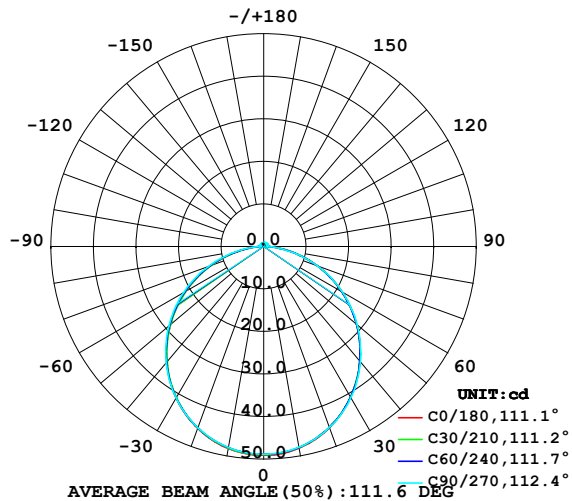


LUMINAIRE PHOTOMETRIC TEST REPORT

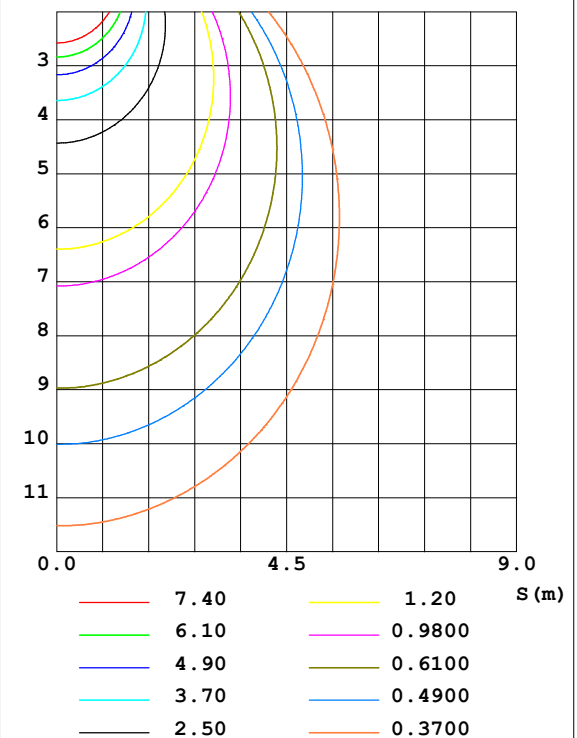
Test:U:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 31.83 lm/W			
MODEL	2835	I _{max} (cd)	49.09	S/MH (C0/180)	1.24
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	48	TOTAL FLUX (lm)	143.91	η UP, DN (C0-180)	1.7, 48.2
NOMINAL FLUX (lm)	143.906	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.6
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	48.0	η down (%)	96.8	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: WFW
Test Date: 2023-01-05

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:

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	48.16	47.98	47.90	47.88	48.21	48.07	47.98	47.83	0- 10	4.623	4.623	3.21,3.21
20	45.30	45.22	45.27	45.23	45.51	45.38	45.36	45.14	10- 20	13.22	17.84	12.4,12.4
30	40.90	40.87	41.03	40.96	41.16	41.09	41.19	40.95	20- 30	19.97	37.81	26.3,26.3
40	35.20	35.17	35.43	35.30	35.45	35.43	35.71	35.43	30- 40	23.98	61.79	42.9,42.9
50	28.54	28.49	28.68	28.59	28.66	28.74	29.14	28.89	40- 50	24.79	86.58	60.2,60.2
60	21.25	21.19	21.29	21.15	21.17	21.29	21.77	21.62	50- 60	22.42	109.0	75.7,75.7
70	13.54	13.47	13.45	13.24	13.25	13.32	13.91	13.88	60- 70	17.26	126.3	87.7,87.7
80	5.929	5.843	5.645	5.483	5.394	5.467	6.059	6.142	70- 80	10.09	136.3	94.7,94.7
90	0.9995	0.8970	0.7895	0.6478	0.3937	0.4438	1.012	0.9526	80- 90	2.996	139.3	96.8,96.8
100	0.6580	0.6856	0.8312	0.6026	0.2979	0.3845	0.9490	0.7411	90-100	0.7060	140.1	97.3,97.3
110	0.6026	0.7375	0.8934	0.6510	0.3879	0.4433	0.9004	0.7272	100-110	0.6762	140.7	97.8,97.8
120	0.6233	0.7792	0.9489	0.7203	0.4780	0.5263	0.8796	0.7307	110-120	0.6750	141.4	98.3,98.3
130	0.6647	0.8311	0.9765	0.7965	0.5748	0.6164	0.8796	0.7445	120-130	0.6541	142.1	98.7,98.7
140	0.7272	0.8554	0.9488	0.8346	0.6719	0.6995	0.8796	0.7999	130-140	0.6012	142.7	99.1,99.1
150	0.7825	0.8727	0.9419	0.8658	0.7620	0.7861	0.8796	0.8242	140-150	0.5121	143.2	99.5,99.5
160	0.8518	0.9038	0.9419	0.8865	0.8519	0.8345	0.8865	0.8622	150-160	0.3965	143.6	99.8,99.8
170	0.8727	0.9211	0.9558	0.9177	0.9211	0.8900	0.8865	0.8762	160-170	0.2524	143.8	99.9,99.9
180	0.9211	0.9523	0.9627	0.9454	0.9073	0.9523	0.9627	0.9246	170-180	0.0872	143.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	319	279
80	341	325
75	373	366
70	396	393
65	412	412
60	425	426
55	435	437
50	444	446
45	452	455

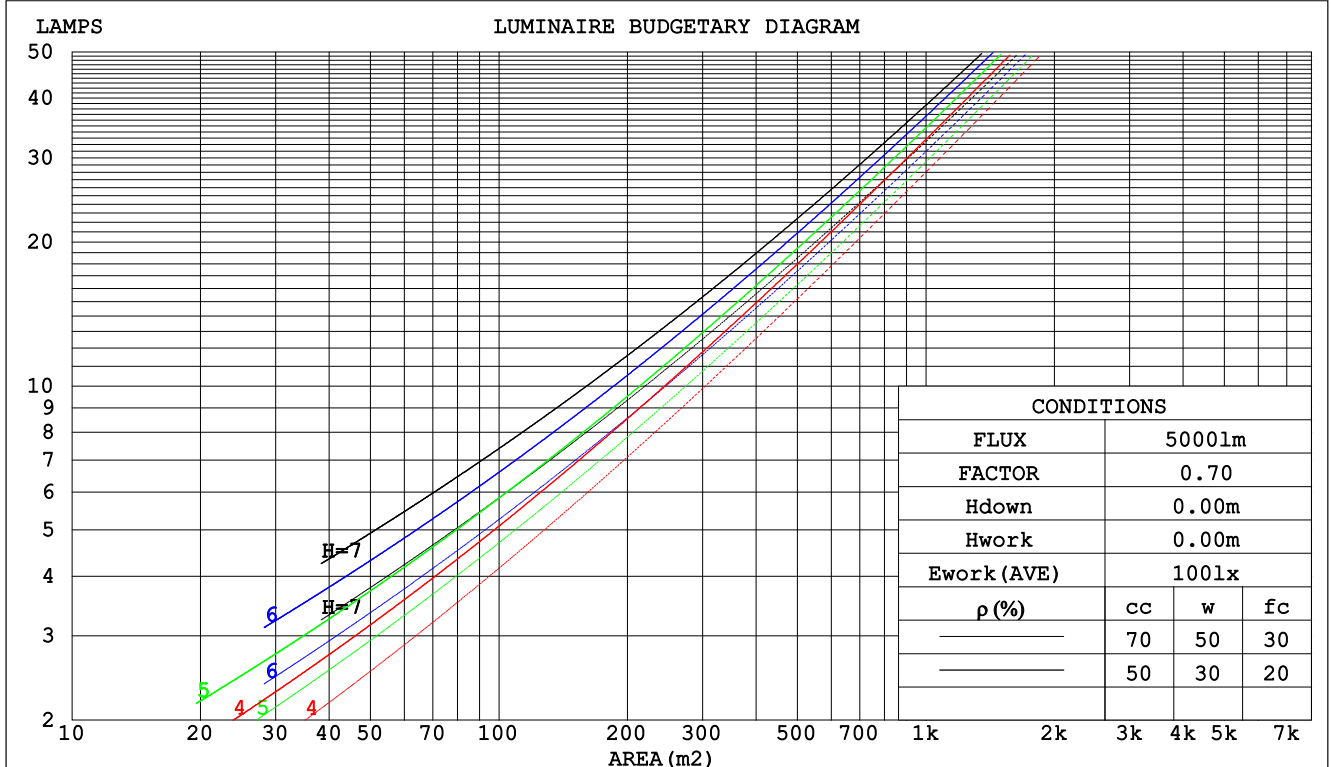
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.00	.96	.93	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.74	.80	.75	.71	.76	.73	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.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:2023-01-05

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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm					
NAME: SF09-48V-2835-84-CC-3000K			TYPE:硅胶		WEIGHT:
DIM.: 16mm*8mm			SPEC.:		SERIAL No.:202301003
MFR.: OLYMPIA			SUR.:1*0.016		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	.312	.177	.056	.304	.173	.055	.289	.166	.053	.275	.159	.051	.262	.152	.049		
2.0	.292	.160	.049	.285	.157	.048	.272	.151	.047	.259	.146	.046	.248	.140	.044		
3.0	.270	.144	.043	.264	.141	.042	.252	.136	.041	.241	.132	.040	.230	.128	.039		
4.0	.249	.129	.038	.243	.127	.038	.233	.123	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.173	.090	.026		
8.0	.185	.090	.025	.181	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.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	.215	.215	.215	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.205	.180	.159	.175	.155	.136	.120	.107	.094	.069	.062	.055	.022	.020	.018	
2.0	.197	.156	.122	.169	.135	.106	.116	.093	.074	.067	.054	.043	.021	.018	.014	
3.0	.189	.139	.099	.162	.120	.086	.111	.083	.060	.064	.049	.035	.021	.016	.012	
4.0	.182	.126	.083	.156	.109	.072	.107	.076	.051	.062	.044	.030	.020	.014	.010	
5.0	.174	.115	.072	.150	.100	.063	.103	.070	.044	.060	.041	.026	.019	.013	.009	
6.0	.167	.107	.064	.144	.093	.056	.099	.065	.040	.057	.038	.023	.019	.012	.008	
7.0	.160	.100	.058	.138	.087	.051	.095	.061	.036	.055	.036	.021	.018	.012	.007	
8.0	.154	.094	.054	.132	.082	.047	.092	.058	.033	.053	.034	.020	.017	.011	.007	
9.0	.148	.090	.050	.127	.078	.044	.088	.055	.031	.051	.032	.019	.017	.011	.006	
10.0	.142	.085	.048	.122	.074	.042	.085	.052	.030	.050	.031	.018	.016	.010	.006	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm										
NAME.: SF09-48V-2835-84-CC-3000K					TYPE:硅胶			WEIGHT:		
DIM.: 16mm*8mm					SPEC.:			SERIAL No.:202301003		
MFR.: OLYMPIA					SUR.:1*0.016			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	9.8	11.3	10.1	11.5	11.8	9.8	11.3	10.1	11.5	11.8
3H	11.4	12.7	11.7	13.0	13.3	11.3	12.7	11.7	13.0	13.3
4H	12.0	13.3	12.4	13.6	13.9	12.0	13.2	12.3	13.6	13.9
6H	12.5	13.7	12.8	14.0	14.4	12.4	13.6	12.8	13.9	14.3
8H	12.6	13.8	13.0	14.1	14.5	12.5	13.7	12.9	14.0	14.4
12H	12.7	13.8	13.1	14.2	14.6	12.6	13.7	13.0	14.1	14.5
4H 2H	10.4	11.7	10.8	12.0	12.3	10.4	11.7	10.8	12.0	12.3
3H	12.1	13.3	12.5	13.6	14.0	12.1	13.3	12.5	13.6	14.0
4H	12.9	13.9	13.3	14.3	14.7	12.9	13.9	13.3	14.3	14.7
6H	13.5	14.4	14.0	14.8	15.3	13.4	14.3	13.9	14.8	15.2
8H	13.7	14.6	14.2	15.0	15.4	13.6	14.5	14.1	14.9	15.3
12H	13.9	14.7	14.3	15.1	15.6	13.7	14.5	14.2	15.0	15.4
8H 4H	13.2	14.0	13.6	14.5	14.9	13.1	14.0	13.6	14.4	14.9
6H	13.9	14.6	14.4	15.1	15.6	13.9	14.6	14.3	15.0	15.5
8H	14.2	14.9	14.7	15.3	15.9	14.1	14.7	14.6	15.2	15.8
12H	14.5	15.0	15.0	15.5	16.1	14.3	14.9	14.8	15.4	15.9
12H 4H	13.2	14.0	13.7	14.4	14.9	13.2	13.9	13.6	14.4	14.9
6H	14.0	14.6	14.5	15.1	15.6	13.9	14.5	14.4	15.0	15.5
8H	14.3	14.9	14.9	15.4	15.9	14.2	14.8	14.7	15.3	15.8
Variations with the observer position at spacings:										
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					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 143.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.7)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-05

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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

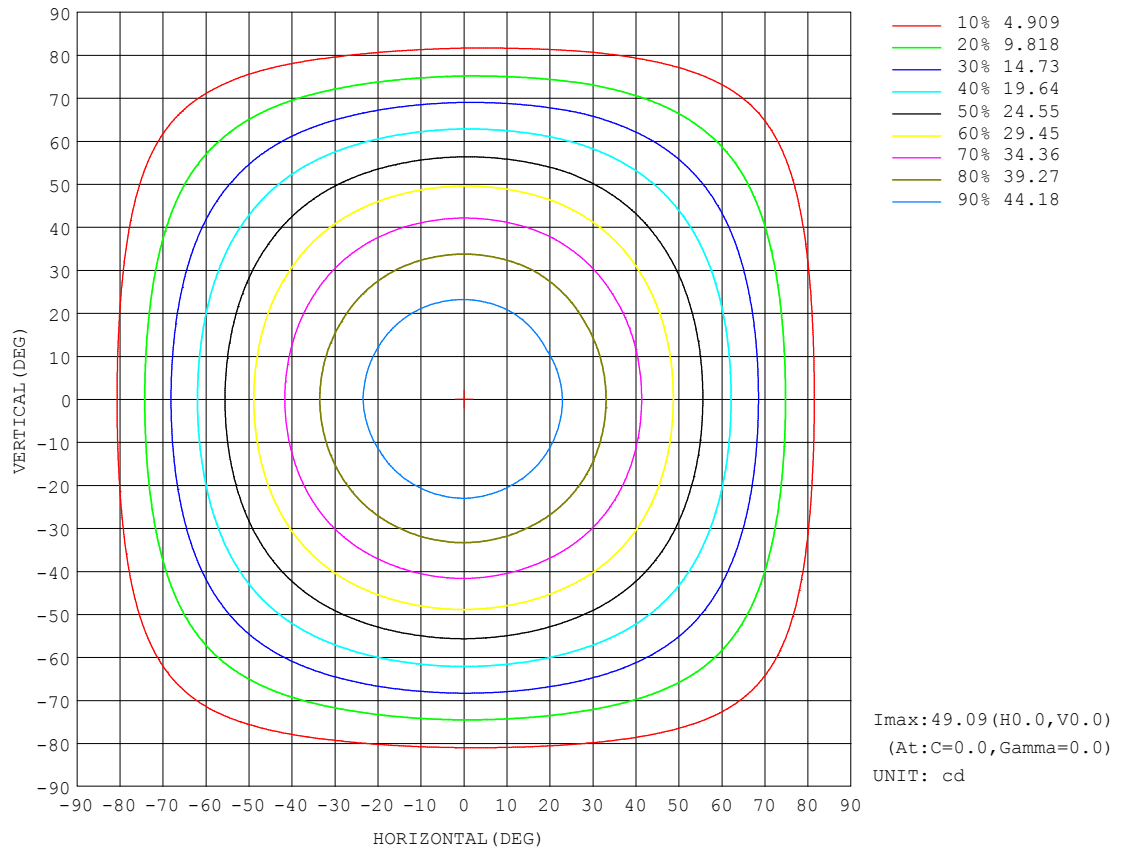
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	40
1.00	75	64	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	84	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	85	75
4.00	105	99	95	102	97	93	98	93	90	80
5.00	108	103	98	105	100	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:2023-01-05

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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

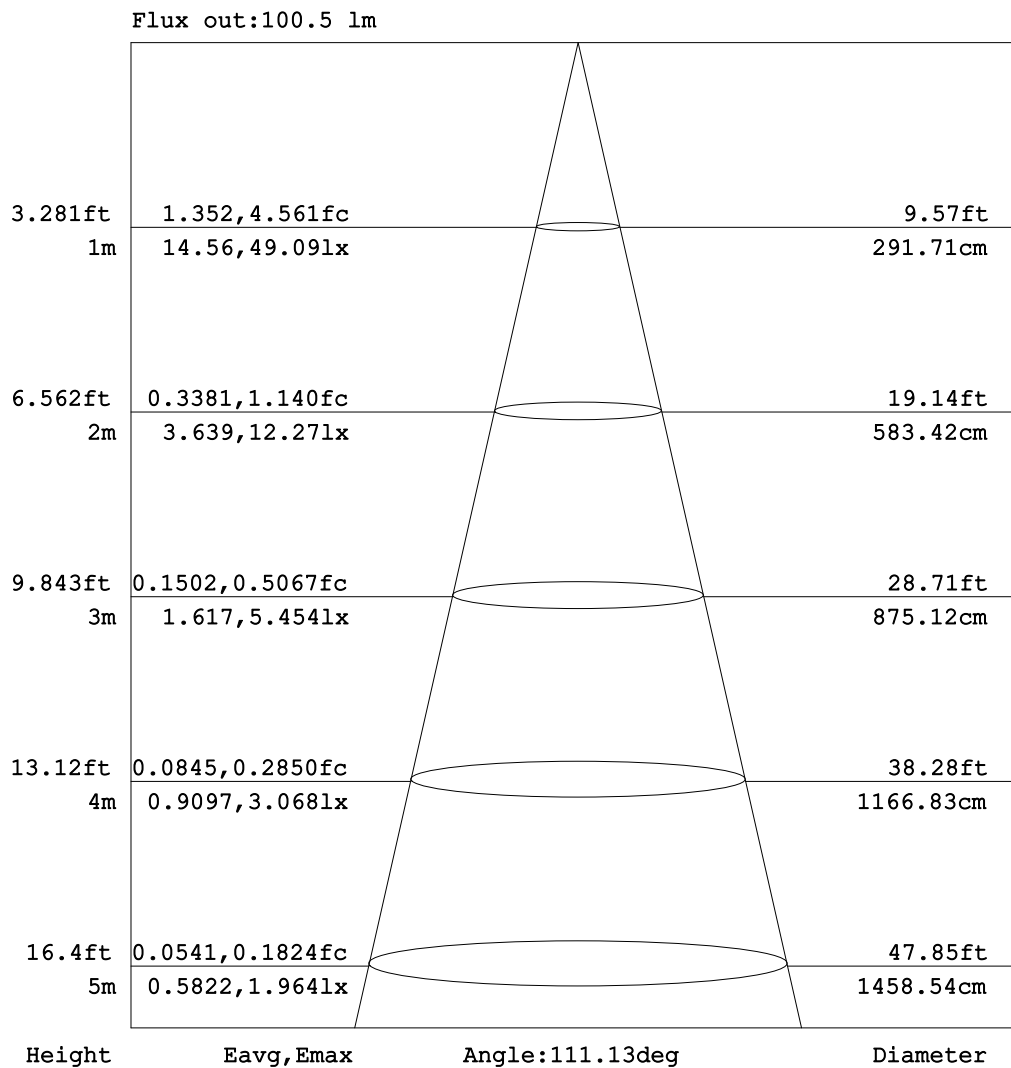


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



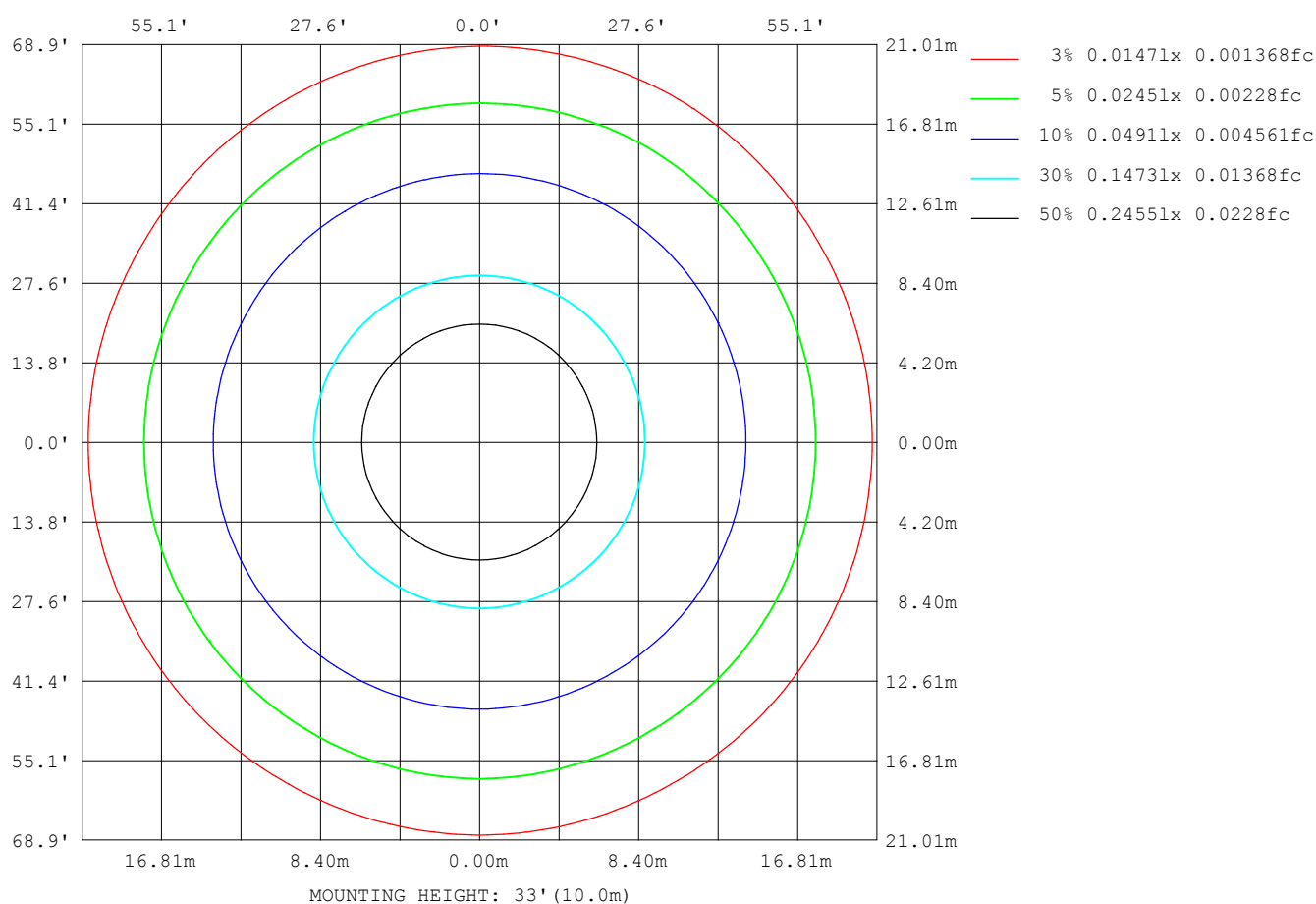
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

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

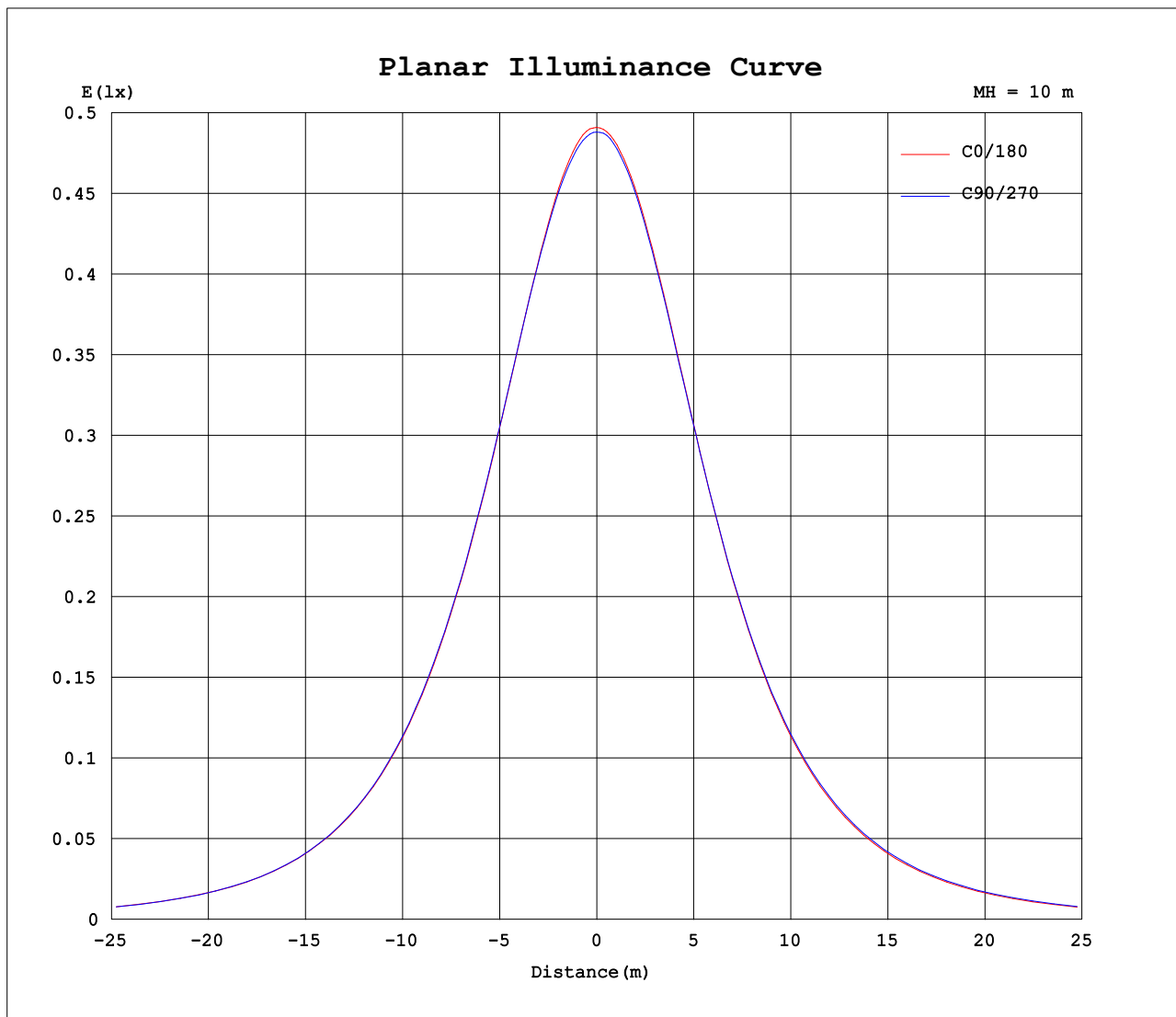
Test:U:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

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: 2023-01-05

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:48.00V I:0.0942A P:4.522W PF:1.000 Lamp Flux:143.906x1 lm		
NAME: SF09-48V-2835-84-CC-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301003
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	49.1	48.9	48.9	48.8	48.8	48.7	49.1	48.9	48.9	48.8	48.8	48.7						
5	48.9	48.7	48.7	48.6	48.6	48.5	48.9	48.8	48.7	48.6	48.5	48.5						
10	48.2	48.0	48.0	47.9	47.9	47.9	48.2	48.1	48.0	48.0	47.9	47.8						
15	46.9	46.8	46.8	46.8	46.8	46.7	47.1	47.0	46.9	46.9	46.8	46.6						
20	45.3	45.2	45.2	45.3	45.3	45.2	45.5	45.4	45.4	45.4	45.2	45.0						
25	43.3	43.2	43.2	43.4	43.3	43.3	43.5	43.4	43.5	43.5	43.4	43.1						
30	40.9	40.8	40.9	41.0	41.0	41.0	41.2	41.0	41.1	41.2	41.1	40.8						
35	38.2	38.1	38.2	38.4	38.3	38.3	38.4	38.3	38.5	38.6	38.5	38.1						
40	35.2	35.1	35.2	35.4	35.3	35.3	35.5	35.3	35.5	35.7	35.6	35.2						
45	32.0	31.9	31.9	32.2	32.0	32.1	32.2	32.1	32.3	32.5	32.5	32.1						
50	28.5	28.5	28.5	28.7	28.6	28.6	28.7	28.6	28.9	29.1	29.1	28.7						
55	25.0	24.9	24.9	25.0	24.9	24.9	25.0	24.9	25.2	25.5	25.6	25.1						
60	21.2	21.2	21.1	21.3	21.1	21.2	21.2	21.1	21.4	21.8	21.9	21.4						
65	17.4	17.4	17.3	17.4	17.2	17.2	17.2	17.2	17.5	17.9	18.0	17.5						
70	13.5	13.6	13.4	13.4	13.2	13.2	13.2	13.2	13.5	13.9	14.1	13.7						
75	9.66	9.68	9.50	9.48	9.26	9.27	9.22	9.16	9.45	9.91	10.1	9.77						
80	5.93	5.92	5.77	5.65	5.45	5.51	5.39	5.35	5.59	6.06	6.27	6.01						
85	2.78	2.74	2.58	2.43	2.26	2.24	2.11	2.11	2.27	2.79	2.92	2.82						
90	1.00	0.93	0.86	0.79	0.69	0.60	0.39	0.44	0.45	1.01	0.93	0.97						
95	0.71	0.64	0.77	0.80	0.64	0.53	0.26	0.28	0.46	0.98	0.83	0.70						
100	0.66	0.61	0.76	0.83	0.64	0.56	0.30	0.28	0.48	0.95	0.83	0.65						
105	0.62	0.60	0.76	0.86	0.64	0.60	0.34	0.29	0.53	0.92	0.84	0.62						
110	0.60	0.64	0.84	0.89	0.69	0.62	0.39	0.33	0.56	0.90	0.84	0.61						
115	0.61	0.66	0.84	0.93	0.71	0.61	0.44	0.39	0.60	0.88	0.84	0.61						
120	0.62	0.71	0.85	0.95	0.74	0.70	0.48	0.42	0.64	0.88	0.84	0.62						
125	0.64	0.75	0.87	0.96	0.78	0.73	0.52	0.50	0.67	0.88	0.84	0.63						
130	0.66	0.78	0.88	0.98	0.83	0.76	0.57	0.52	0.71	0.88	0.84	0.64						
135	0.72	0.80	0.89	0.97	0.85	0.79	0.62	0.55	0.75	0.88	0.84	0.66						
140	0.73	0.82	0.89	0.95	0.86	0.81	0.67	0.62	0.78	0.88	0.88	0.72						
145	0.75	0.82	0.89	0.93	0.86	0.85	0.72	0.65	0.80	0.88	0.88	0.73						
150	0.78	0.86	0.89	0.94	0.86	0.87	0.76	0.71	0.86	0.88	0.90	0.75						
155	0.84	0.89	0.89	0.94	0.86	0.91	0.81	0.73	0.89	0.89	0.91	0.76						
160	0.85	0.91	0.90	0.94	0.86	0.91	0.85	0.78	0.89	0.89	0.91	0.81						
165	0.85	0.93	0.90	0.95	0.89	0.94	0.89	0.84	0.91	0.89	0.91	0.83						
170	0.87	0.94	0.90	0.96	0.89	0.95	0.92	0.85	0.93	0.89	0.92	0.83						
175	0.89	0.94	0.91	0.96	0.95	0.96	0.91	0.88	0.95	0.89	0.94	0.87						
180	0.92	0.95	0.96	0.96	0.95	0.94	0.91	0.95	0.96	0.96	0.96	0.89						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

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	49.09	48.94	48.86	48.81	48.75	48.70	49.09	48.94	48.86	48.81
3.0	49.06	48.86	48.84	48.72	48.74	48.63	49.03	48.95	48.81	48.80
6.0	48.79	48.59	48.57	48.47	48.48	48.40	48.79	48.71	48.57	48.54
9.0	48.33	48.17	48.14	48.06	48.09	48.02	48.38	48.30	48.17	48.16
12.0	47.72	47.59	47.55	47.51	47.51	47.45	47.81	47.73	47.63	47.58
15.0	46.95	46.82	46.80	46.80	46.79	46.75	47.08	46.98	46.91	46.88
18.0	46.01	45.94	45.90	45.96	45.90	45.89	46.19	46.09	46.03	46.00
21.0	44.93	44.84	44.84	44.90	44.89	44.85	45.13	45.03	45.01	44.99
24.0	43.73	43.68	43.66	43.80	43.73	43.73	43.97	43.83	43.86	43.86
27.0	42.38	42.33	42.36	42.47	42.42	42.42	42.63	42.54	42.56	42.58
30.0	40.90	40.84	40.90	41.03	40.97	40.96	41.16	41.05	41.13	41.19
33.0	39.30	39.29	39.32	39.49	39.39	39.43	39.58	39.44	39.59	39.66
36.0	37.62	37.57	37.63	37.80	37.70	37.73	37.86	37.76	37.91	38.04
39.0	35.81	35.79	35.82	36.03	35.92	35.93	36.08	35.94	36.16	36.28
42.0	33.93	33.94	33.92	34.17	34.03	34.08	34.15	34.07	34.28	34.43
45.0	31.97	31.91	31.94	32.16	32.05	32.05	32.16	32.07	32.31	32.53
48.0	29.93	29.94	29.90	30.13	30.00	30.04	30.09	29.99	30.28	30.52
51.0	27.83	27.83	27.77	28.00	27.86	27.88	27.94	27.84	28.15	28.43
54.0	25.68	25.66	25.61	25.80	25.67	25.70	25.73	25.70	25.97	26.30
57.0	23.47	23.49	23.39	23.60	23.42	23.47	23.46	23.33	23.73	24.07
60.0	21.25	21.25	21.14	21.29	21.13	21.17	21.17	21.14	21.44	21.77
63.0	18.98	18.96	18.85	18.96	18.81	18.81	18.71	18.71	19.08	19.49
66.0	16.66	16.66	16.52	16.63	16.40	16.45	16.44	16.38	16.71	17.11
69.0	14.33	14.32	14.19	14.23	14.03	14.05	14.05	14.01	14.29	14.71
72.0	11.98	11.99	11.84	11.82	11.65	11.64	11.62	11.58	11.87	12.33
75.0	9.657	9.677	9.497	9.476	9.255	9.268	9.217	9.156	9.453	9.911
78.0	7.378	7.391	7.211	7.134	6.921	6.920	6.897	6.808	7.105	7.556
81.0	5.236	5.223	5.063	4.925	4.738	4.807	4.680	4.680	4.868	5.338
84.0	3.325	3.305	3.131	2.994	2.806	2.786	2.701	2.624	2.853	3.358
87.0	1.861	1.791	1.633	1.500	1.349	1.341	1.188	1.154	1.277	1.825
90.0	0.9995	0.9336	0.8605	0.7895	0.6937	0.6019	0.3937	0.4375	0.4501	1.012
93.0	0.7553	0.6578	0.7690	0.7895	0.6442	0.5194	0.2426	0.2911	0.4572	0.9835
96.0	0.6928	0.6302	0.7619	0.8173	0.6441	0.5334	0.2633	0.2840	0.4642	0.9697
99.0	0.6581	0.6232	0.7618	0.8242	0.6441	0.5610	0.2978	0.2840	0.4848	0.9627
102.0	0.6235	0.6025	0.7618	0.8381	0.6441	0.5750	0.3117	0.2909	0.5125	0.9350
105.0	0.6233	0.6026	0.7618	0.8589	0.6441	0.6026	0.3394	0.2909	0.5264	0.9211
108.0	0.6095	0.6234	0.7894	0.8865	0.6649	0.6164	0.3601	0.3116	0.5541	0.9143
111.0	0.6025	0.6442	0.8449	0.8935	0.7130	0.6164	0.3948	0.3461	0.5680	0.8935
114.0	0.6025	0.6580	0.8450	0.9143	0.7133	0.6095	0.4226	0.3877	0.5888	0.8865
117.0	0.6163	0.6720	0.8518	0.9351	0.7271	0.6788	0.4503	0.3948	0.6096	0.8796
120.0	0.6233	0.7065	0.8519	0.9489	0.7410	0.6996	0.4780	0.4154	0.6372	0.8796
123.0	0.6233	0.7342	0.8725	0.9627	0.7618	0.7135	0.5057	0.4363	0.6580	0.8796
126.0	0.6372	0.7480	0.8727	0.9696	0.7963	0.7342	0.5334	0.5055	0.6718	0.8796
129.0	0.6510	0.7758	0.8796	0.9697	0.8172	0.7618	0.5680	0.5194	0.6792	0.8796
132.0	0.6648	0.7895	0.8865	0.9627	0.8311	0.7757	0.5820	0.5263	0.7273	0.8796
135.0	0.7202	0.7965	0.8865	0.9696	0.8518	0.7896	0.6165	0.5540	0.7550	0.8796
138.0	0.7272	0.8104	0.8865	0.9557	0.8588	0.8103	0.6511	0.6095	0.7689	0.8796
141.0	0.7272	0.8310	0.8865	0.9488	0.8588	0.8105	0.6788	0.6164	0.7827	0.8796
144.0	0.7410	0.8242	0.8865	0.9349	0.8588	0.8450	0.6929	0.6439	0.8102	0.8796
147.0	0.7618	0.8587	0.8865	0.9281	0.8588	0.8588	0.7411	0.6648	0.8242	0.8796
150.0	0.7825	0.8589	0.8865	0.9419	0.8588	0.8727	0.7620	0.7133	0.8589	0.8796
153.0	0.8240	0.8796	0.8865	0.9419	0.8588	0.8866	0.7829	0.7203	0.8727	0.8796
156.0	0.8450	0.8866	0.8865	0.9419	0.8588	0.9004	0.8105	0.7479	0.8865	0.8865
159.0	0.8450	0.9004	0.9004	0.9419	0.8588	0.9005	0.8382	0.7688	0.8865	0.8865
162.0	0.8519	0.9142	0.9004	0.9419	0.8588	0.9351	0.8590	0.8101	0.9004	0.8865
165.0	0.8519	0.9349	0.9004	0.9488	0.8865	0.9350	0.8866	0.8380	0.9142	0.8865
168.0	0.8657	0.9350	0.9004	0.9558	0.8865	0.9488	0.9004	0.8380	0.9213	0.8865
171.0	0.8727	0.9419	0.9004	0.9558	0.9002	0.9488	0.9142	0.8519	0.9350	0.8865
174.0	0.8865	0.9419	0.9004	0.9627	0.9417	0.9558	0.9142	0.8795	0.9352	0.8865
177.0	0.8934	0.9420	0.9484	0.9627	0.9488	0.9419	0.9142	0.8796	0.9626	0.9140
180.0	0.9211	0.9488	0.9558	0.9627	0.9488	0.9419	0.9073	0.9488	0.9558	0.9627
G/C	300.0	330.0								
0.0	48.75	48.70								
3.0	48.66	48.67								
6.0	48.42	48.40								
9.0	48.02	47.98								
12.0	47.47	47.37								
15.0	46.75	46.62								
18.0	45.90	45.71								
21.0	44.90	44.67								
24.0	43.78	43.50								
27.0	42.50	42.18								
30.0	41.11	40.79								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-01-05

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:

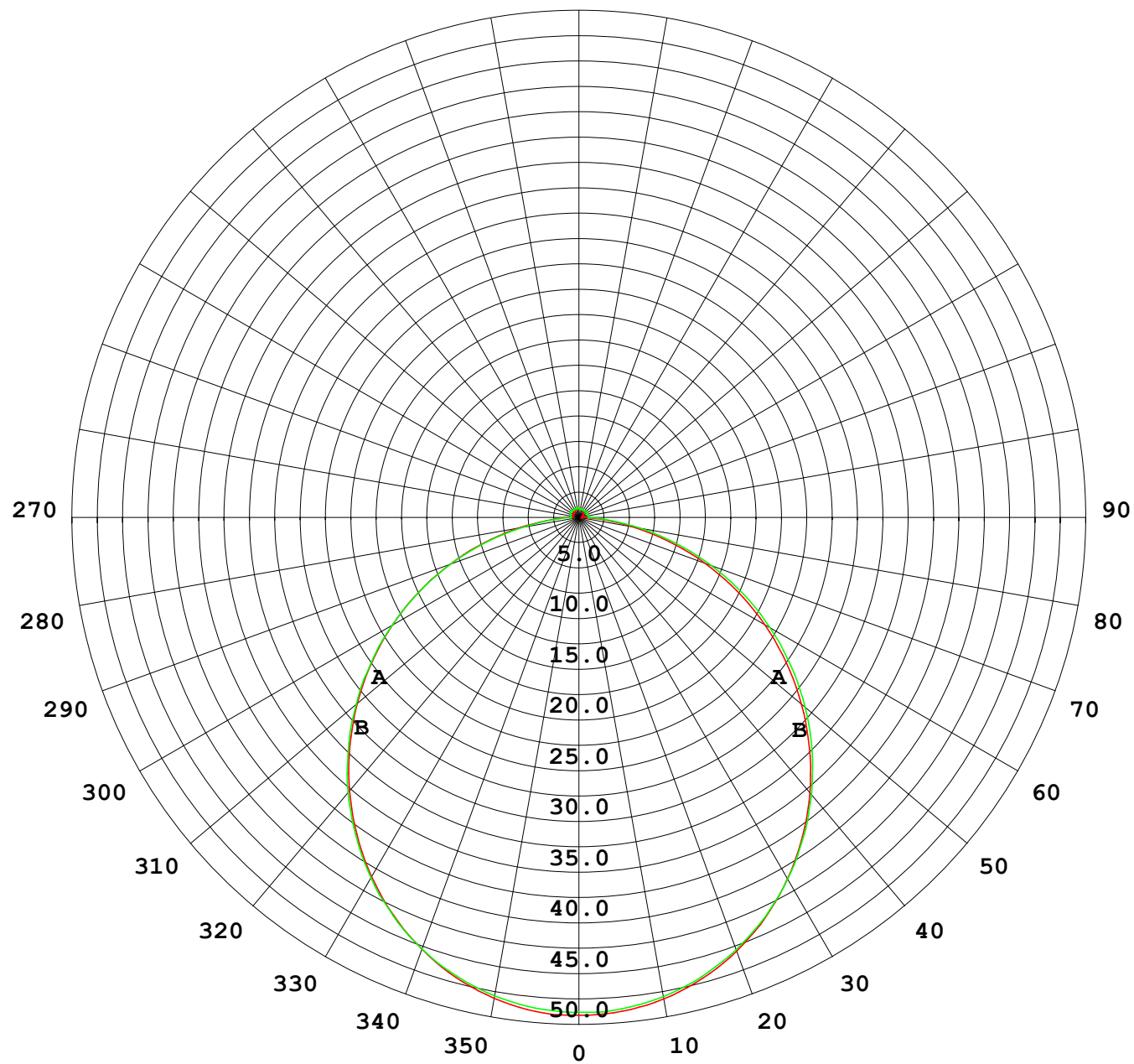
Photometric Data Table [cd]

33.0	39.60	39.23
36.0	37.96	37.60
39.0	36.24	35.83
42.0	34.39	33.96
45.0	32.49	32.05
48.0	30.48	30.04
51.0	28.43	27.97
54.0	26.28	25.85
57.0	24.09	23.64
60.0	21.86	21.39
63.0	19.56	19.18
66.0	17.24	16.77
69.0	14.89	14.48
72.0	12.49	12.18
75.0	10.11	9.773
78.0	7.797	7.501
81.0	5.553	5.359
84.0	3.518	3.365
87.0	1.887	1.846
90.0	0.9341	0.9712
93.0	0.8379	0.7482
96.0	0.8311	0.6926
99.0	0.8311	0.6512
102.0	0.8380	0.6372
105.0	0.8380	0.6164
108.0	0.8518	0.6233
111.0	0.8450	0.6095
114.0	0.8450	0.6095
117.0	0.8450	0.6095
120.0	0.8450	0.6164
123.0	0.8450	0.6303
126.0	0.8450	0.6303
129.0	0.8450	0.6371
132.0	0.8450	0.6510
135.0	0.8380	0.6649
138.0	0.8450	0.7133
141.0	0.8796	0.7203
144.0	0.8796	0.7272
147.0	0.8935	0.7410
150.0	0.9004	0.7480
153.0	0.9075	0.7549
156.0	0.9142	0.7687
159.0	0.9142	0.8032
162.0	0.9142	0.8241
165.0	0.9142	0.8311
168.0	0.9144	0.8311
171.0	0.9281	0.8311
174.0	0.9350	0.8587
177.0	0.9488	0.8657
180.0	0.9558	0.8934

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

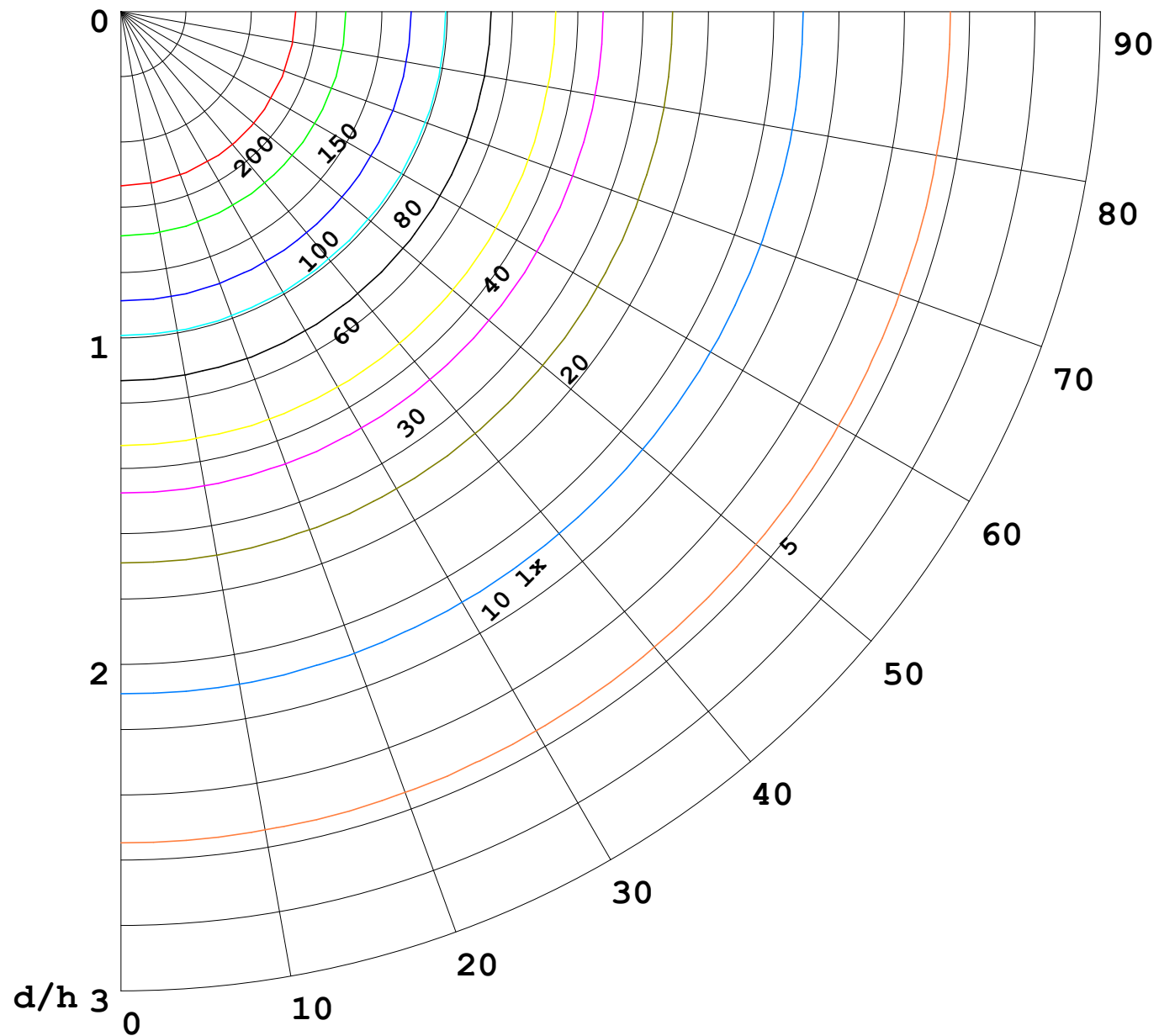
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

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

