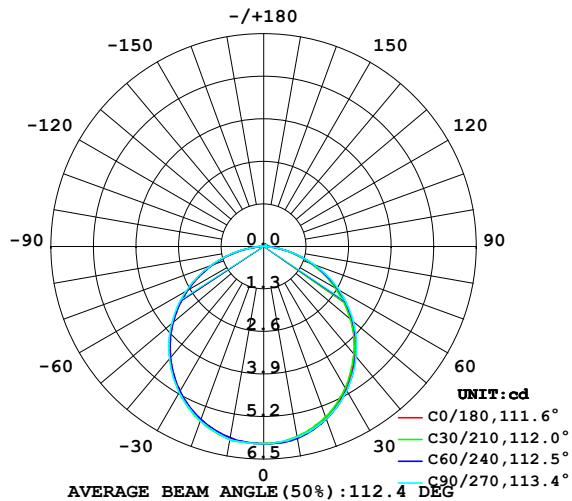


## LUMINAIRE PHOTOMETRIC TEST REPORT

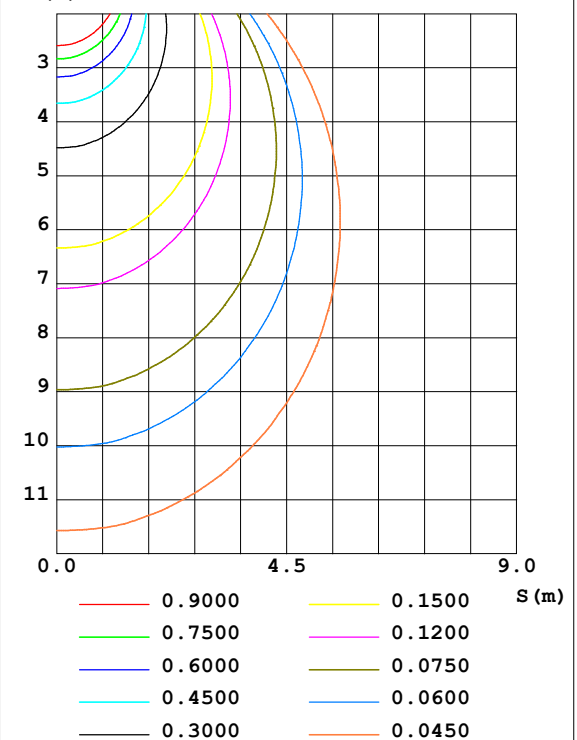
Test:U:24.00V I:0.2347A P:5.633W PF:1.000 Lamp Flux:17.511lx1 lm		
NAME: SF09-24V-2835-70-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 3.11 lm/W
MODEL	2835	I <sub>max</sub> (cd)	6.046	S/MH (C0/180)	1.24	
NOMINAL POWER (W)	6	LOR (%)	100.0	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	17.511	η UP, DN (C0-180)	1.0, 48.8	
NOMINAL FLUX (lm)	17.5111	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 49.5	
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24.0	η down (%)	98.3	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:2022-08-30

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	5.941	5.930	5.915	5.958	5.930	5.965	5.986	5.935	0- 10	0.5718	0.5718	3.27,3.27
20	5.574	5.569	5.598	5.644	5.623	5.649	5.669	5.594	10- 20	1.638	2.210	12.6,12.6
30	5.021	5.028	5.096	5.134	5.111	5.134	5.162	5.071	20- 30	2.478	4.688	26.8,26.8
40	4.303	4.332	4.392	4.458	4.427	4.455	4.484	4.377	30- 40	2.981	7.669	43.8,43.8
50	3.479	3.503	3.577	3.626	3.602	3.636	3.675	3.558	40- 50	3.092	10.76	61.5,61.5
60	2.549	2.576	2.653	2.699	2.678	2.704	2.745	2.631	50- 60	2.795	13.56	77.4,77.4
70	1.579	1.588	1.648	1.681	1.672	1.693	1.725	1.633	60- 70	2.135	15.69	89.6,89.6
80	0.6242	0.6308	0.6375	0.6760	0.6623	0.6783	0.6994	0.6456	70- 80	1.214	16.91	96.5,96.5
90	0.0906	0.0729	0.0603	0.0453	0	0.0227	0.0905	0.0755	80- 90	0.3077	17.21	98.3,98.3
100	0.0452	0.0578	0.0603	0.0452	0	0.0101	0.0754	0.0528	90-100	0.0493	17.26	98.6,98.6
110	0.0352	0.0603	0.0603	0.0528	0.0050	0.0101	0.0754	0.0503	100-110	0.0451	17.31	98.8,98.8
120	0.0352	0.0628	0.0603	0.0553	0.0151	0.0176	0.0754	0.0503	110-120	0.0446	17.35	99.1,99.1
130	0.0352	0.0653	0.0603	0.0603	0.0253	0.0176	0.0754	0.0528	120-130	0.0427	17.39	99.3,99.3
140	0.0451	0.0678	0.0603	0.0628	0.0452	0.0201	0.0704	0.0528	130-140	0.0385	17.43	99.6,99.6
150	0.0452	0.0653	0.0603	0.0628	0.0503	0.0226	0.0704	0.0528	140-150	0.0326	17.47	99.7,99.7
160	0.0503	0.0603	0.0603	0.0654	0.0503	0.0302	0.0704	0.0528	150-160	0.0246	17.49	99.9,99.9
170	0.0503	0.0578	0.0603	0.0653	0.0503	0.0427	0.0704	0.0553	160-170	0.0156	17.51	100,100
180	0.0503	0.0578	0.0603	0.0653	0.0503	0.0452	0.0653	0.0578	170-180	0.0054	17.51	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	31	26
80	36	37
75	42	44
70	46	48
65	49	51
60	51	53
55	53	54
50	54	56
45	55	57

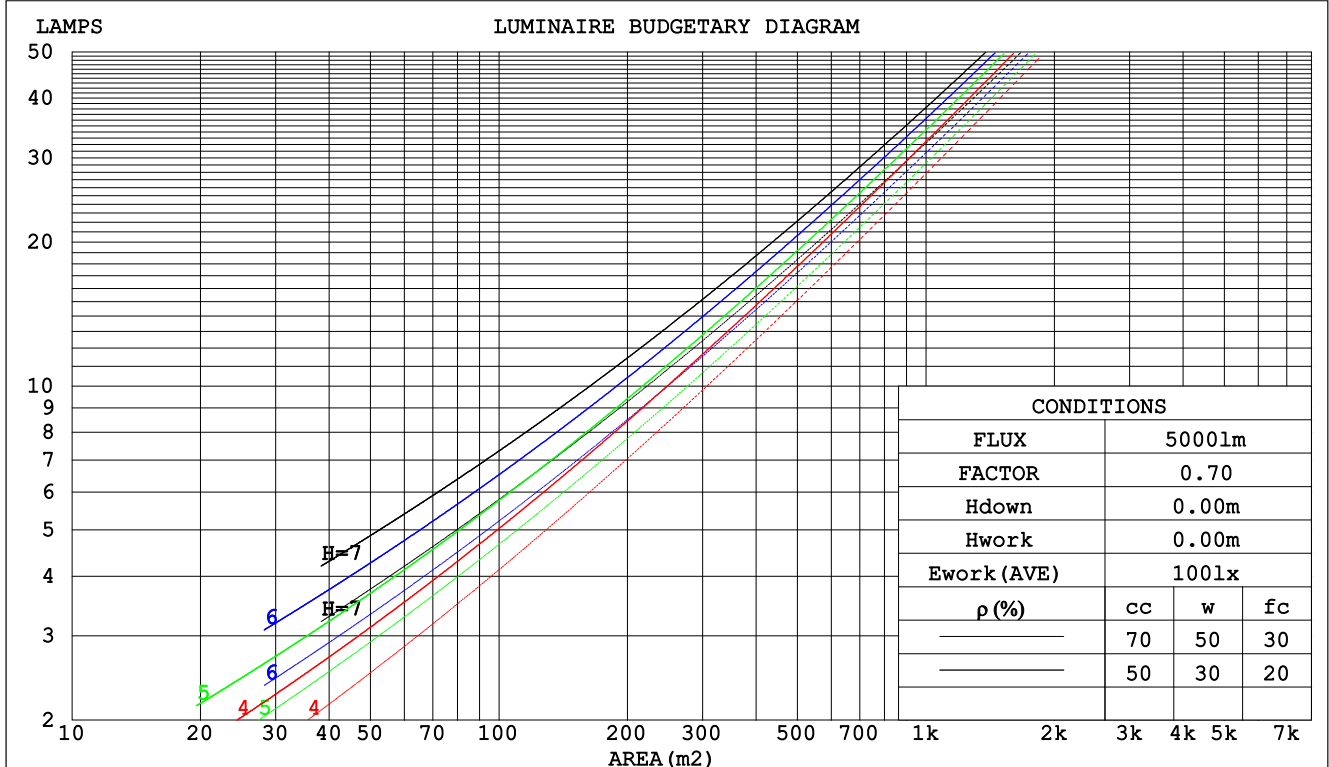
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2347A P:5.633W PF:1.000 Lamp Flux:17.5111x1 lm		
NAME: SF09-24V-2835-70-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.00	1.00	1.00	.98
1.0	1.04	.99	.95	1.01	.97	.94	.97	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.71	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.69	.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	.41	.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	.33	.28	.39	.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:WFW  
Test Date:2022-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2347A P:5.633W PF:1.000 Lamp Flux:17.5111x1 lm					
NAME: SF09-24V-2835-70-B			TYPE:硅胶		WEIGHT:
DIM.: 16.5mm*8mm			SPEC.:		SERIAL No.:20220830
MFR.: OLYMPIA			SUR.:1*0.0165		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	.056	.301	.172	.055	.287	.164	.053	.273	.158	.051	.261	.152	.049		
2.0	.291	.159	.049	.284	.156	.048	.271	.151	.047	.260	.146	.046	.249	.141	.044		
3.0	.269	.143	.043	.263	.141	.042	.252	.137	.042	.242	.132	.041	.232	.129	.040		
4.0	.248	.129	.038	.243	.127	.038	.233	.124	.037	.224	.120	.036	.215	.117	.036		
5.0	.230	.117	.034	.225	.116	.034	.216	.113	.033	.208	.110	.033	.200	.107	.032		
6.0	.213	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.187	.098	.029		
7.0	.198	.098	.028	.195	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.164	.084	.024		
9.0	.174	.084	.023	.171	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023		
10.0	.163	.078	.022	.160	.078	.022	.155	.076	.021	.150	.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	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.193	.169	.148	.165	.145	.127	.113	.100	.088	.065	.058	.051	.021	.019	.017	
2.0	.185	.145	.111	.159	.125	.096	.109	.086	.067	.063	.050	.039	.020	.016	.013	
3.0	.178	.128	.088	.152	.110	.076	.105	.076	.053	.060	.045	.031	.019	.014	.010	
4.0	.170	.114	.072	.146	.099	.062	.100	.069	.044	.058	.040	.026	.019	.013	.009	
5.0	.163	.104	.061	.140	.090	.053	.096	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.155	.096	.053	.134	.083	.046	.092	.058	.032	.053	.034	.019	.017	.011	.006	
7.0	.149	.089	.047	.128	.077	.041	.088	.054	.029	.051	.032	.017	.017	.010	.006	
8.0	.142	.083	.042	.122	.072	.037	.085	.050	.026	.049	.030	.016	.016	.010	.005	
9.0	.136	.078	.039	.117	.068	.034	.081	.048	.024	.047	.028	.014	.015	.009	.005	
10.0	.130	.074	.036	.112	.064	.031	.078	.045	.022	.046	.027	.013	.015	.009	.004	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:WFW  
 Test Date:2022-08-30

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:0.2347A P:5.633W PF:1.000 Lamp Flux:17.5111x1 lm										
NAME: SF09-24V-2835-70-B					TYPE:硅胶			WEIGHT:		
DIM.: 16.5mm*8mm					SPEC.:			SERIAL No.:20220830		
MFR.: OLYMPIA					SUR.:1*0.0165			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	2.4	3.9	2.7	4.2	4.4	2.6	4.1	2.9	4.4	4.6
3H	3.9	5.3	4.2	5.6	5.8	4.2	5.5	4.5	5.8	6.1
4H	4.5	5.8	4.8	6.1	6.4	4.8	6.1	5.1	6.4	6.6
6H	4.9	6.1	5.2	6.4	6.7	5.1	6.4	5.5	6.7	7.0
8H	5.0	6.2	5.3	6.5	6.8	5.2	6.4	5.6	6.7	7.1
12H	5.0	6.2	5.4	6.5	6.8	5.3	6.4	5.6	6.7	7.1
4H 2H	3.0	4.4	3.4	4.6	4.9	3.2	4.5	3.5	4.8	5.1
3H	4.7	5.8	5.1	6.2	6.5	4.9	6.1	5.3	6.4	6.7
4H	5.4	6.4	5.8	6.8	7.1	5.6	6.7	6.0	7.0	7.4
6H	5.9	6.8	6.3	7.2	7.6	6.1	7.1	6.6	7.5	7.9
8H	6.0	6.9	6.4	7.3	7.7	6.3	7.2	6.7	7.5	8.0
12H	6.1	6.9	6.6	7.3	7.8	6.4	7.2	6.8	7.6	8.0
8H 4H	5.6	6.5	6.1	6.9	7.3	5.9	6.7	6.3	7.1	7.6
6H	6.2	7.0	6.7	7.4	7.8	6.5	7.2	7.0	7.7	8.1
8H	6.4	7.1	6.9	7.5	8.0	6.7	7.4	7.2	7.8	8.3
12H	6.6	7.2	7.1	7.6	8.1	6.9	7.4	7.4	7.9	8.4
12H 4H	5.6	6.4	6.1	6.8	7.3	5.9	6.7	6.3	7.1	7.5
6H	6.3	6.9	6.8	7.4	7.9	6.5	7.2	7.0	7.6	8.1
8H	6.5	7.1	7.0	7.5	8.1	6.8	7.3	7.3	7.8	8.3
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 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 17.51 lm Total Lamp Luminous Flux.(8log(F/F0) = -14.1)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-08-30

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:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2347A P:5.633W PF:1.000 Lamp Flux:17.5111x1 lm		
NAME: SF09-24V-2835-70-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

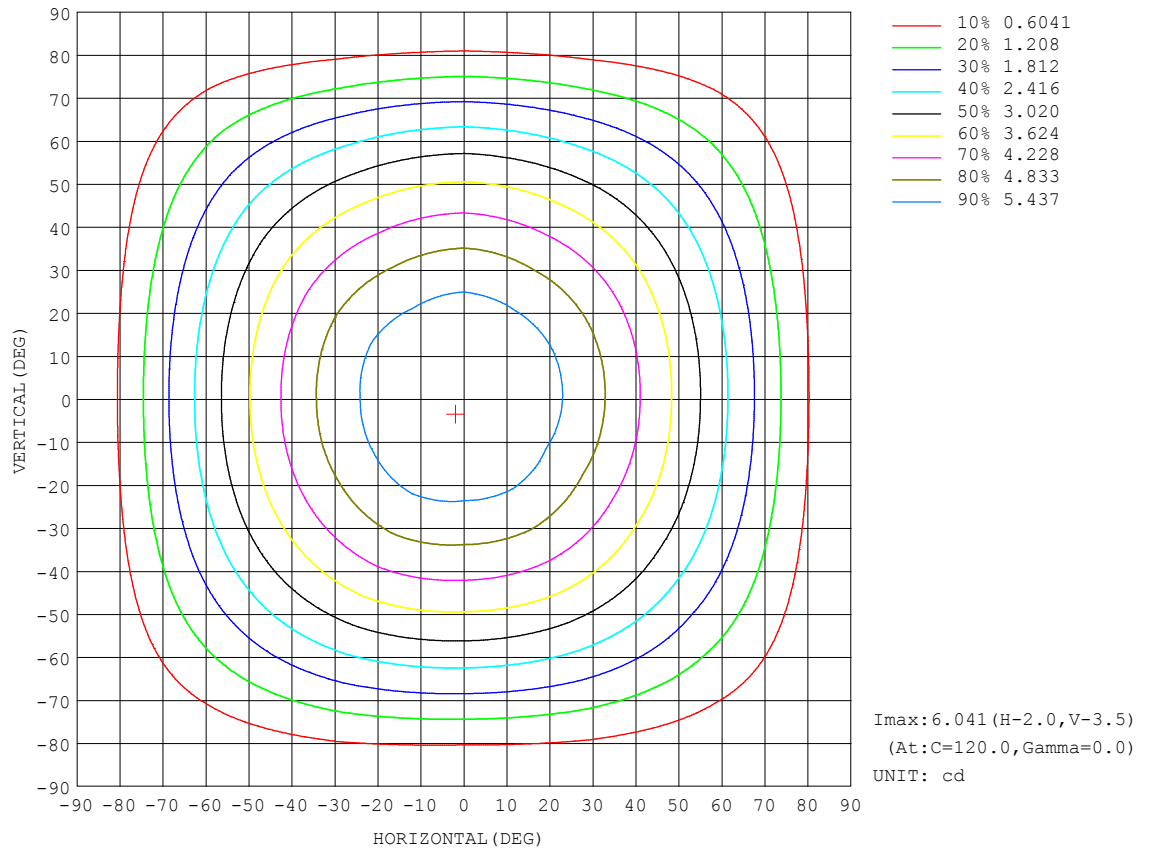
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	91	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	97	94	85
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:WFW  
 Test Date:2022-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2347A P:5.633W PF:1.000 Lamp Flux:17.511lx1 lm		
NAME: SF09-24V-2835-70-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

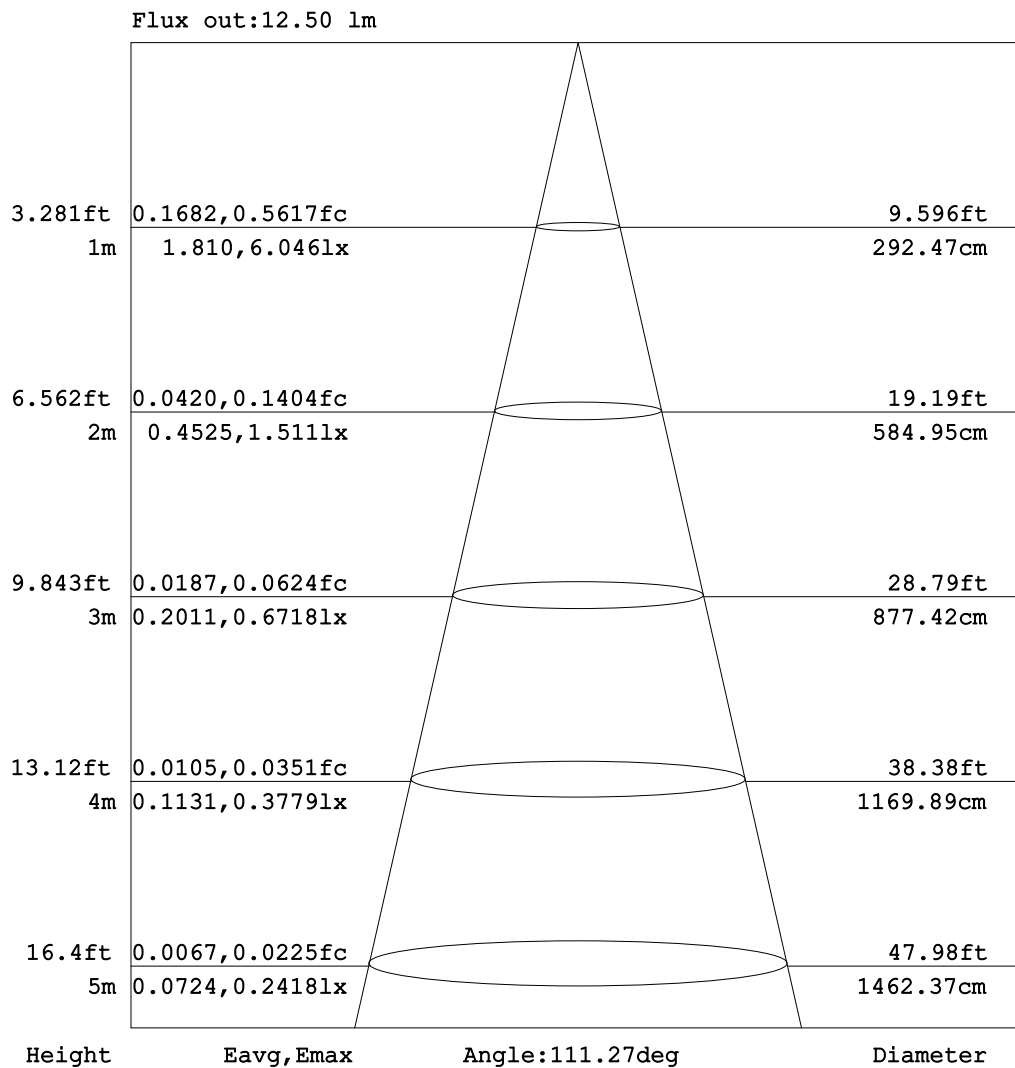


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2022-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2347A P:5.633W PF:1.000 Lamp Flux:17.511lx1 lm		
NAME: SF09-24V-2835-70-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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

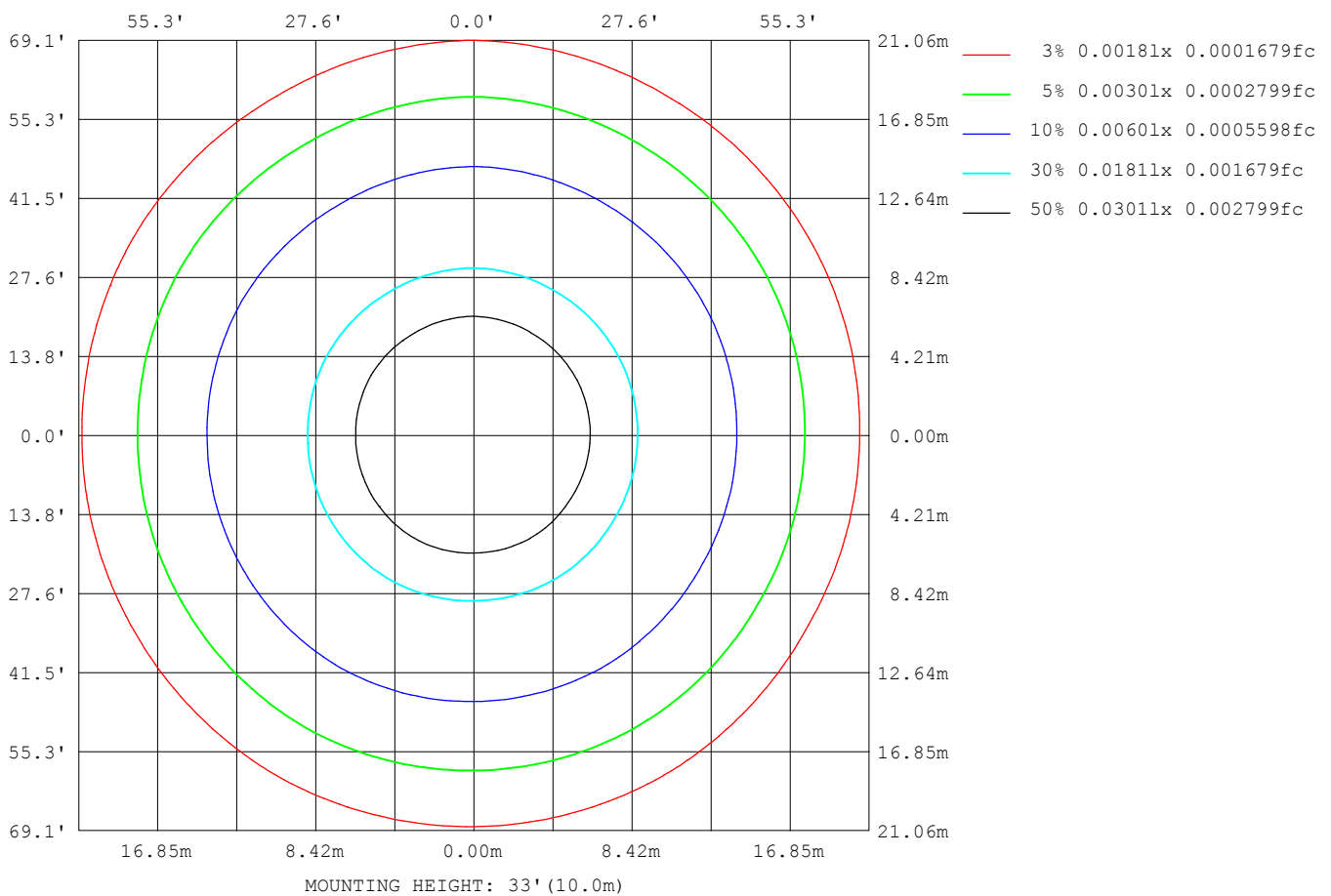
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-08-30

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

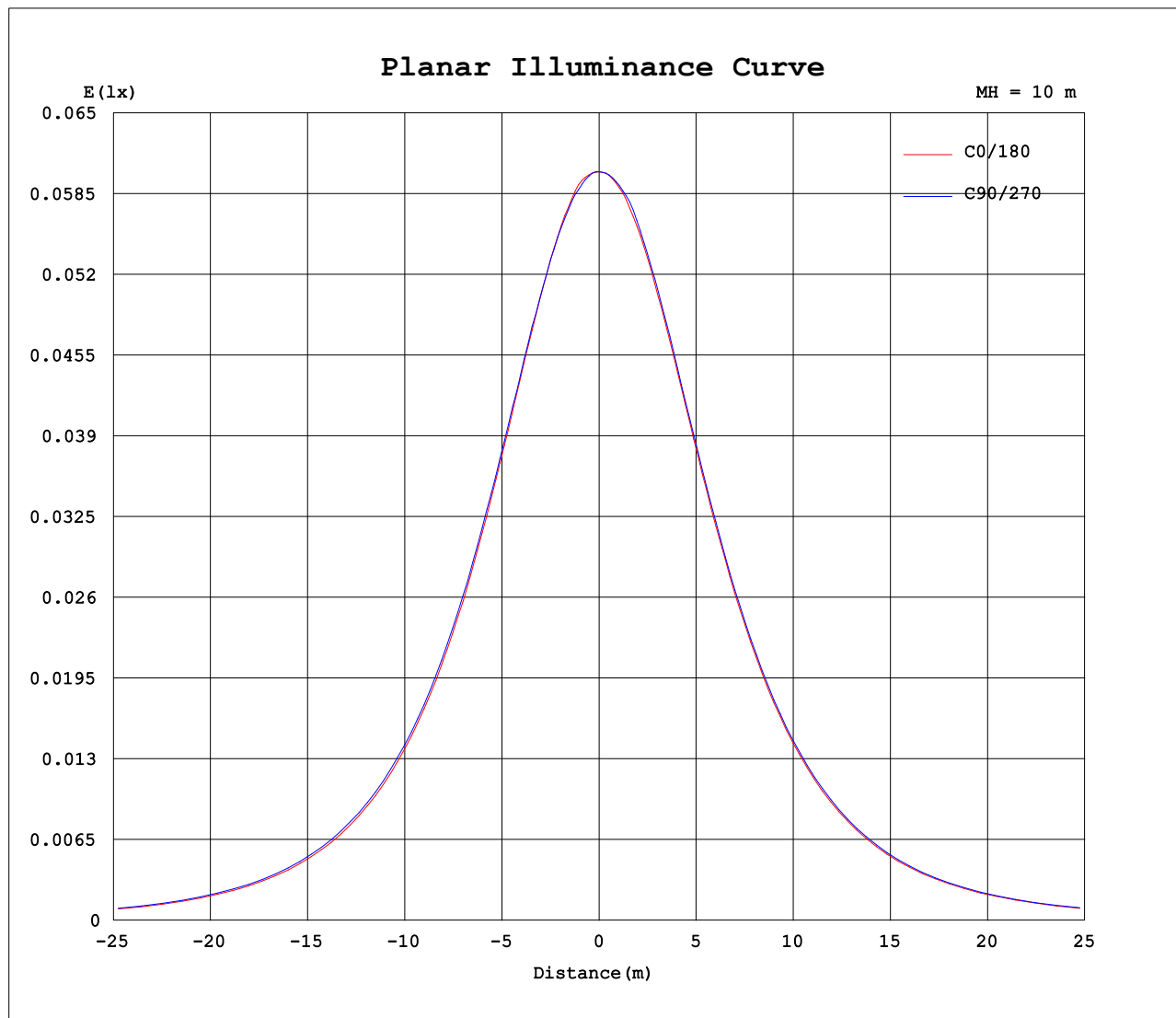
Test:U:24.00V I:0.2347A P:5.633W PF:1.000 Lamp Flux:17.511lx1 lm		
NAME: SF09-24V-2835-70-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-08-30

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: WFW  
Test Date: 2022-08-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2347A P:5.633W PF:1.000 Lamp Flux:17.5111x1 lm		
NAME: SF09-24V-2835-70-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*8mm	SPEC.:	SERIAL No.:20220830
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	6.03	6.02	6.03	6.03	6.05	6.03	6.03	6.02	6.03	6.03	6.05	6.03						
5	6.03	5.99	6.02	6.00	6.03	6.01	6.01	6.02	6.01	6.02	6.00	6.02						
10	5.94	5.90	5.96	5.92	5.98	5.94	5.93	6.00	5.94	5.99	5.92	5.95						
15	5.78	5.74	5.81	5.78	5.86	5.81	5.81	5.85	5.80	5.85	5.78	5.80						
20	5.57	5.53	5.61	5.60	5.66	5.62	5.62	5.67	5.62	5.67	5.59	5.59						
25	5.31	5.29	5.37	5.36	5.43	5.41	5.40	5.44	5.39	5.43	5.35	5.35						
30	5.02	4.99	5.07	5.10	5.15	5.12	5.11	5.16	5.11	5.16	5.09	5.05						
35	4.67	4.65	4.74	4.76	4.83	4.79	4.78	4.84	4.79	4.84	4.77	4.72						
40	4.30	4.29	4.37	4.39	4.47	4.45	4.43	4.47	4.44	4.48	4.39	4.36						
45	3.91	3.88	3.98	4.00	4.08	4.05	4.03	4.09	4.05	4.10	4.00	3.97						
50	3.48	3.46	3.55	3.58	3.64	3.61	3.60	3.65	3.62	3.67	3.58	3.54						
55	3.02	3.01	3.10	3.13	3.19	3.16	3.15	3.20	3.17	3.22	3.12	3.08						
60	2.55	2.53	2.62	2.65	2.71	2.68	2.68	2.72	2.69	2.74	2.65	2.61						
65	2.06	2.04	2.13	2.16	2.21	2.20	2.19	2.22	2.20	2.25	2.15	2.13						
70	1.58	1.55	1.62	1.65	1.70	1.66	1.67	1.71	1.68	1.72	1.64	1.62						
75	1.08	1.06	1.14	1.15	1.20	1.17	1.16	1.21	1.15	1.21	1.14	1.13						
80	0.62	0.61	0.65	0.64	0.69	0.66	0.66	0.70	0.65	0.70	0.64	0.65						
85	0.27	0.22	0.27	0.23	0.28	0.22	0.23	0.27	0.21	0.27	0.23	0.28						
90	0.09	0.05	0.10	0.06	0.08	0.02	0.00	0.03	0.02	0.09	0.06	0.09						
95	0.05	0.04	0.08	0.06	0.07	0.02	0.00	0.00	0.02	0.08	0.06	0.06						
100	0.05	0.04	0.08	0.06	0.07	0.02	0.00	0.00	0.02	0.08	0.06	0.05						
105	0.04	0.04	0.08	0.06	0.07	0.04	0.00	0.00	0.02	0.08	0.06	0.04						
110	0.04	0.05	0.08	0.06	0.07	0.04	0.01	0.00	0.02	0.08	0.06	0.04						
115	0.04	0.05	0.08	0.06	0.07	0.04	0.01	0.00	0.03	0.08	0.06	0.04						
120	0.04	0.05	0.08	0.06	0.07	0.04	0.02	0.00	0.04	0.08	0.06	0.04						
125	0.04	0.06	0.08	0.06	0.07	0.05	0.02	0.00	0.04	0.08	0.06	0.04						
130	0.04	0.06	0.08	0.06	0.07	0.05	0.03	0.00	0.04	0.08	0.07	0.04						
135	0.04	0.06	0.08	0.06	0.07	0.05	0.04	0.00	0.04	0.07	0.07	0.04						
140	0.05	0.06	0.08	0.06	0.07	0.06	0.05	0.00	0.04	0.07	0.07	0.04						
145	0.05	0.06	0.08	0.06	0.07	0.06	0.05	0.00	0.04	0.07	0.07	0.04						
150	0.05	0.06	0.08	0.06	0.07	0.06	0.05	0.00	0.05	0.07	0.07	0.04						
155	0.05	0.06	0.07	0.06	0.07	0.06	0.05	0.01	0.04	0.07	0.07	0.04						
160	0.05	0.05	0.07	0.06	0.07	0.06	0.05	0.02	0.04	0.07	0.07	0.04						
165	0.05	0.05	0.07	0.06	0.07	0.07	0.05	0.02	0.04	0.07	0.07	0.05						
170	0.05	0.05	0.07	0.06	0.07	0.07	0.05	0.04	0.05	0.07	0.07	0.05						
175	0.05	0.05	0.07	0.06	0.07	0.07	0.05	0.04	0.05	0.07	0.07	0.05						
180	0.05	0.05	0.07	0.06	0.07	0.07	0.05	0.04	0.05	0.07	0.07	0.05						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2022-08-30

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	6.026	6.021	6.026	6.026	6.046	6.031	6.026	6.021	6.026	6.026
3.0	6.026	6.006	6.026	6.016	6.041	6.026	6.021	6.021	6.021	6.026
6.0	6.021	5.985	6.011	5.981	6.026	5.996	5.996	6.016	5.991	6.013
9.0	5.956	5.910	5.971	5.935	6.006	5.960	5.950	6.011	5.950	6.001
12.0	5.880	5.835	5.901	5.875	5.936	5.895	5.890	5.946	5.895	5.931
15.0	5.785	5.744	5.810	5.784	5.855	5.814	5.814	5.850	5.804	5.845
18.0	5.665	5.623	5.695	5.674	5.740	5.699	5.709	5.760	5.699	5.740
21.0	5.529	5.503	5.569	5.563	5.624	5.583	5.583	5.634	5.578	5.624
24.0	5.373	5.337	5.418	5.422	5.484	5.448	5.442	5.489	5.442	5.478
27.0	5.202	5.166	5.253	5.256	5.333	5.292	5.281	5.333	5.287	5.328
30.0	5.021	4.985	5.072	5.096	5.152	5.116	5.111	5.157	5.111	5.162
33.0	4.820	4.789	4.876	4.889	4.961	4.940	4.929	4.966	4.935	4.966
36.0	4.609	4.573	4.670	4.683	4.760	4.729	4.713	4.760	4.728	4.770
39.0	4.383	4.362	4.449	4.462	4.544	4.512	4.502	4.549	4.512	4.559
42.0	4.157	4.140	4.213	4.236	4.308	4.291	4.271	4.318	4.281	4.328
45.0	3.911	3.884	3.981	4.000	4.077	4.045	4.035	4.087	4.050	4.097
48.0	3.650	3.633	3.720	3.748	3.820	3.804	3.778	3.830	3.799	3.845
51.0	3.388	3.366	3.464	3.487	3.554	3.527	3.517	3.564	3.532	3.584
54.0	3.117	3.085	3.187	3.221	3.283	3.251	3.251	3.293	3.256	3.318
57.0	2.836	2.809	2.906	2.939	3.001	2.974	2.964	3.011	2.979	3.031
60.0	2.549	2.532	2.619	2.653	2.715	2.683	2.678	2.720	2.688	2.745
63.0	2.263	2.231	2.333	2.366	2.419	2.381	2.381	2.428	2.386	2.448
66.0	1.966	1.944	2.032	2.055	2.112	2.085	2.080	2.127	2.085	2.142
69.0	1.670	1.643	1.730	1.758	1.805	1.773	1.773	1.820	1.793	1.830
72.0	1.383	1.356	1.439	1.456	1.509	1.477	1.486	1.519	1.476	1.529
75.0	1.082	1.065	1.137	1.145	1.197	1.165	1.160	1.207	1.155	1.212
78.0	0.8002	0.7781	0.8404	0.8385	0.8907	0.8486	0.8633	0.8904	0.8483	0.8954
81.0	0.5436	0.5069	0.5688	0.5470	0.5991	0.5571	0.5668	0.6039	0.5517	0.5988
84.0	0.3275	0.2858	0.3276	0.2958	0.3477	0.3008	0.3006	0.3425	0.2806	0.3425
87.0	0.1714	0.1304	0.1713	0.1053	0.1614	0.1101	0.1049	0.1362	0.0799	0.1513
90.0	0.0906	0.0452	0.1006	0.0603	0.0756	0.0151	0	0.0304	0.0151	0.0905
93.0	0.0553	0.0452	0.0805	0.0603	0.0704	0.0151	0	0	0.0151	0.0804
96.0	0.0452	0.0402	0.0804	0.0603	0.0704	0.0151	0	0	0.0151	0.0804
99.0	0.0402	0.0402	0.0804	0.0603	0.0704	0.0201	0	0	0.0201	0.0754
102.0	0.0352	0.0402	0.0754	0.0603	0.0704	0.0301	0	0	0.0201	0.0754
105.0	0.0352	0.0403	0.0754	0.0603	0.0704	0.0351	0	0	0.0201	0.0754
108.0	0.0352	0.0452	0.0754	0.0603	0.0704	0.0302	0	0	0.0201	0.0754
111.0	0.0352	0.0452	0.0754	0.0603	0.0704	0.0352	0.0051	0	0.0201	0.0754
114.0	0.0352	0.0503	0.0754	0.0603	0.0704	0.0352	0.0101	0	0.0251	0.0754
117.0	0.0352	0.0503	0.0754	0.0603	0.0704	0.0402	0.0151	0	0.0251	0.0754
120.0	0.0352	0.0503	0.0754	0.0603	0.0704	0.0402	0.0151	0	0.0351	0.0754
123.0	0.0352	0.0503	0.0754	0.0603	0.0704	0.0402	0.0151	0	0.0352	0.0754
126.0	0.0352	0.0603	0.0754	0.0603	0.0704	0.0452	0.0201	0	0.0352	0.0754
129.0	0.0352	0.0553	0.0754	0.0603	0.0704	0.0453	0.0251	0	0.0352	0.0754
132.0	0.0352	0.0553	0.0754	0.0603	0.0704	0.0503	0.0302	0	0.0352	0.0754
135.0	0.0352	0.0553	0.0754	0.0603	0.0704	0.0503	0.0352	0	0.0352	0.0704
138.0	0.0352	0.0553	0.0754	0.0603	0.0704	0.0503	0.0352	0	0.0452	0.0704
141.0	0.0403	0.0603	0.0754	0.0603	0.0704	0.0553	0.0402	0	0.0402	0.0704
144.0	0.0452	0.0553	0.0754	0.0603	0.0704	0.0553	0.0452	0	0.0402	0.0704
147.0	0.0452	0.0553	0.0754	0.0603	0.0704	0.0553	0.0453	0	0.0402	0.0704
150.0	0.0452	0.0553	0.0754	0.0603	0.0704	0.0553	0.0503	0	0.0452	0.0704
153.0	0.0452	0.0553	0.0754	0.0603	0.0704	0.0603	0.0503	0.0050	0.0402	0.0704
156.0	0.0452	0.0552	0.0704	0.0603	0.0704	0.0603	0.0503	0.0101	0.0402	0.0704
159.0	0.0502	0.0503	0.0704	0.0603	0.0704	0.0603	0.0503	0.0200	0.0402	0.0704
162.0	0.0503	0.0503	0.0753	0.0603	0.0704	0.0653	0.0503	0.0201	0.0402	0.0704
165.0	0.0503	0.0503	0.0653	0.0603	0.0704	0.0653	0.0503	0.0201	0.0402	0.0704
168.0	0.0503	0.0503	0.0653	0.0603	0.0653	0.0653	0.0503	0.0352	0.0402	0.0704
171.0	0.0503	0.0503	0.0653	0.0603	0.0653	0.0653	0.0503	0.0402	0.0452	0.0704
174.0	0.0503	0.0503	0.0653	0.0603	0.0653	0.0653	0.0503	0.0402	0.0503	0.0653
177.0	0.0503	0.0503	0.0653	0.0603	0.0653	0.0653	0.0503	0.0402	0.0503	0.0653
180.0	0.0503	0.0503	0.0653	0.0603	0.0653	0.0653	0.0503	0.0402	0.0503	0.0653
G/C	300.0	330.0								
0.0	6.046	6.031								
3.0	6.016	6.031								
6.0	5.981	6.010								
9.0	5.935	5.976								
12.0	5.865	5.890								
15.0	5.784	5.800								
18.0	5.669	5.690								
21.0	5.543	5.554								
24.0	5.427	5.403								
27.0	5.256	5.237								
30.0	5.090	5.052								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: WFW  
 Test Date: 2022-08-30

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:

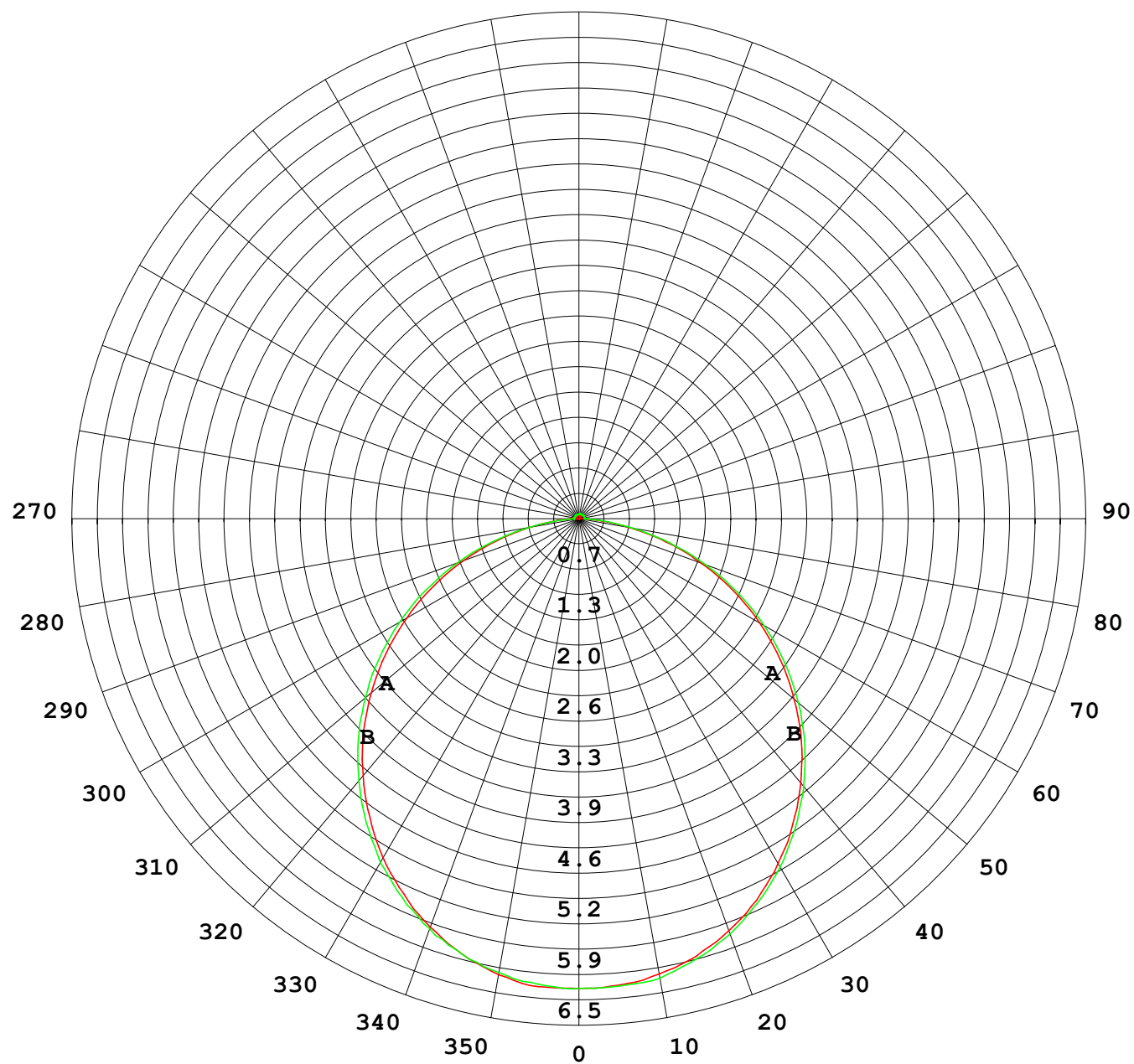
## Photometric Data Table [cd]

33.0	4.884	4.865
36.0	4.678	4.654
39.0	4.467	4.438
42.0	4.231	4.202
45.0	4.005	3.966
48.0	3.748	3.715
51.0	3.502	3.449
54.0	3.225	3.182
57.0	2.934	2.901
60.0	2.647	2.614
63.0	2.356	2.323
66.0	2.054	2.021
69.0	1.748	1.720
72.0	1.446	1.428
75.0	1.145	1.132
78.0	0.8284	0.8301
81.0	0.5467	0.5686
84.0	0.2908	0.3374
87.0	0.1152	0.1813
90.0	0.0603	0.0906
93.0	0.0603	0.0653
96.0	0.0603	0.0503
99.0	0.0603	0.0452
102.0	0.0603	0.0402
105.0	0.0603	0.0402
108.0	0.0603	0.0402
111.0	0.0603	0.0402
114.0	0.0603	0.0402
117.0	0.0603	0.0402
120.0	0.0603	0.0402
123.0	0.0603	0.0402
126.0	0.0604	0.0402
129.0	0.0653	0.0402
132.0	0.0653	0.0402
135.0	0.0653	0.0402
138.0	0.0653	0.0402
141.0	0.0653	0.0402
144.0	0.0653	0.0402
147.0	0.0653	0.0402
150.0	0.0653	0.0402
153.0	0.0653	0.0402
156.0	0.0653	0.0402
159.0	0.0653	0.0402
162.0	0.0653	0.0452
165.0	0.0653	0.0452
168.0	0.0653	0.0452
171.0	0.0653	0.0452
174.0	0.0653	0.0452
177.0	0.0653	0.0452
180.0	0.0653	0.0503

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2022-08-30

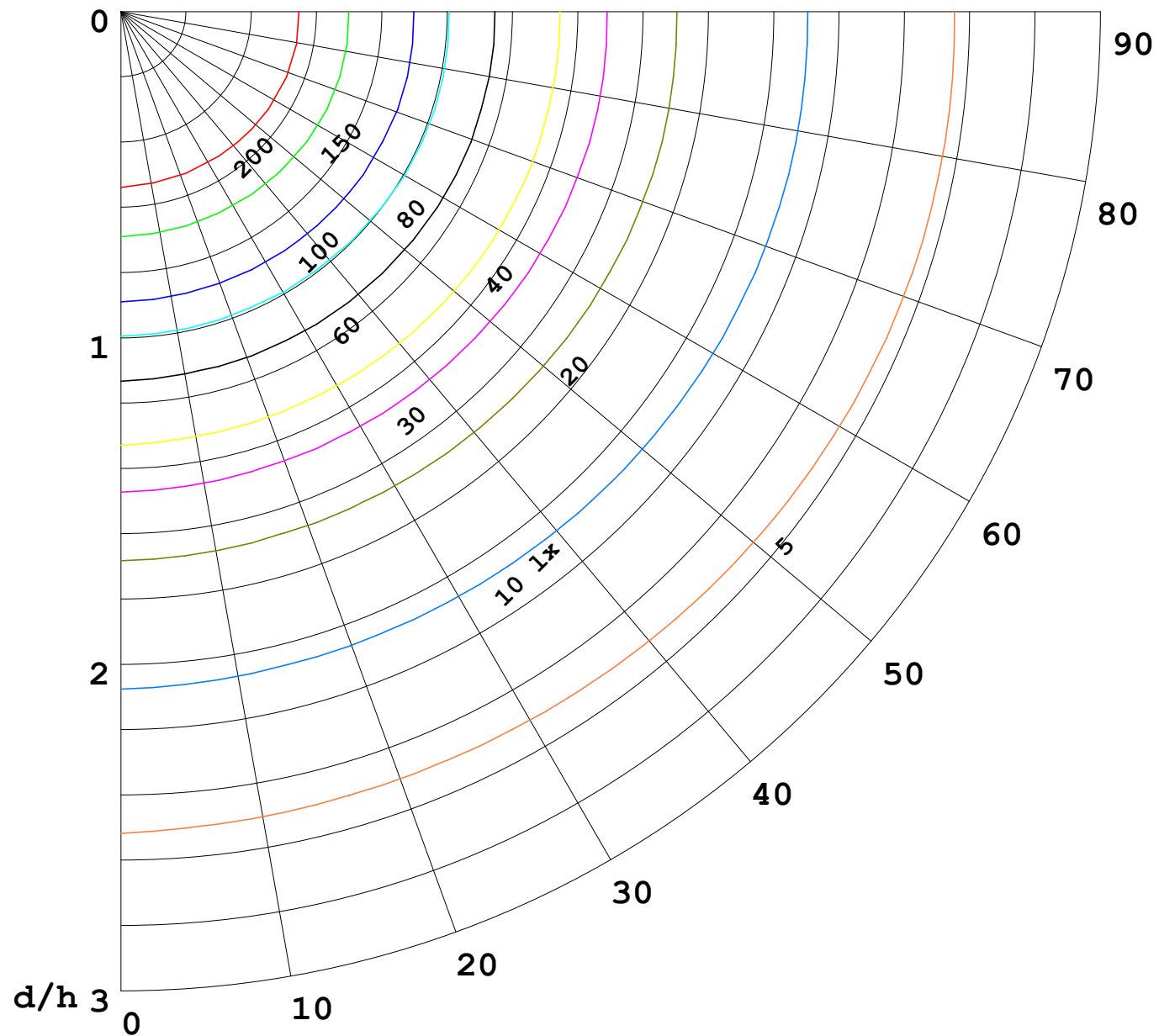
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 9.200m [K=1.0000]  
Remarks:

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

