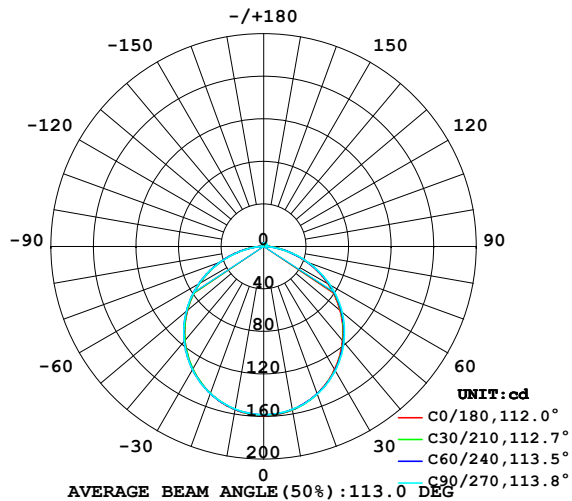


## LUMINAIRE PHOTOMETRIC TEST REPORT

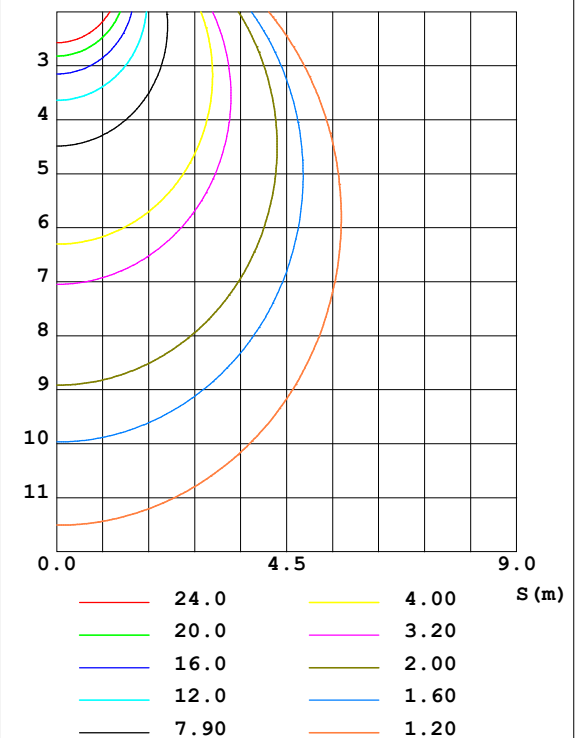
Test:U:24.00V I:0.4200A P:10.08W PF:1.000 Lamp Flux:470.61x1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.69 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	158.9	S/MH (C0/180)	1.25
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	470.61	η UP, DN (C0-180)	1.8, 48.6
NOMINAL FLUX (lm)	470.61	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 48.3
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	96.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



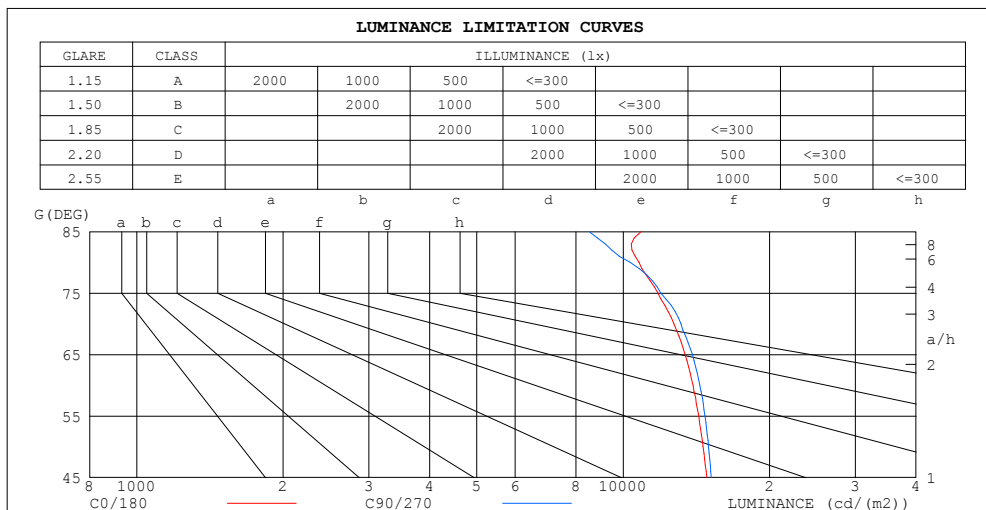
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-11-16

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	156.0	155.8	155.5	155.1	155.8	155.5	155.3	155.2	0- 10	14.98	14.98	3.18,3.18
20	147.3	147.6	147.7	146.8	147.1	147.0	147.1	146.9	10- 20	42.89	57.86	12.3,12.3
30	133.5	134.2	134.8	133.6	133.3	133.5	133.8	133.4	20- 30	65.00	122.9	26.1,26.1
40	115.4	116.6	117.5	115.8	115.2	115.7	116.2	115.6	30- 40	78.42	201.3	42.8,42.8
50	93.82	95.24	96.30	94.56	93.65	94.42	95.00	94.31	40- 50	81.54	282.8	60.1,60.1
60	69.58	70.96	71.91	70.36	69.71	70.17	70.60	69.99	50- 60	74.00	356.8	75.8,75.8
70	43.46	44.28	44.93	43.99	43.69	44.00	43.95	43.77	60- 70	56.71	413.5	87.9,87.9
80	18.71	18.34	17.93	18.34	18.76	18.28	17.39	18.06	70- 80	32.49	446.0	94.8,94.8
90	4.159	3.649	2.669	3.377	3.415	2.662	1.642	2.853	80- 90	9.884	455.9	96.9,96.9
100	2.146	2.536	2.784	2.229	1.081	1.427	1.799	1.676	90-100	2.338	458.2	97.4,97.4
110	2.251	2.578	2.860	2.420	1.342	1.643	1.930	1.787	100-110	2.147	460.4	97.8,97.8
120	2.387	2.628	2.940	2.573	1.614	1.857	2.040	1.922	110-120	2.158	462.5	98.3,98.3
130	2.528	2.674	2.945	2.674	1.915	2.096	2.226	2.103	120-130	2.079	464.6	98.7,98.7
140	2.598	2.711	2.940	2.762	2.227	2.342	2.442	2.297	130-140	1.905	466.5	99.1,99.1
150	2.769	2.829	2.945	2.850	2.528	2.596	2.638	2.543	140-150	1.644	468.2	99.5,99.5
160	2.930	2.958	3.041	2.980	2.805	2.822	2.839	2.784	150-160	1.293	469.5	99.8,99.8
170	3.066	3.093	3.146	3.101	3.041	3.023	3.005	2.988	160-170	0.8415	470.3	99.9,99.9
180	3.111	3.118	3.141	3.116	3.111	3.116	3.126	3.111	170-180	0.2946	470.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	10897	8505
80	10774	10328
75	11790	11954
70	12707	13136
65	13399	13872
60	13915	14382
55	14299	14728
50	14597	14981
45	14863	15174

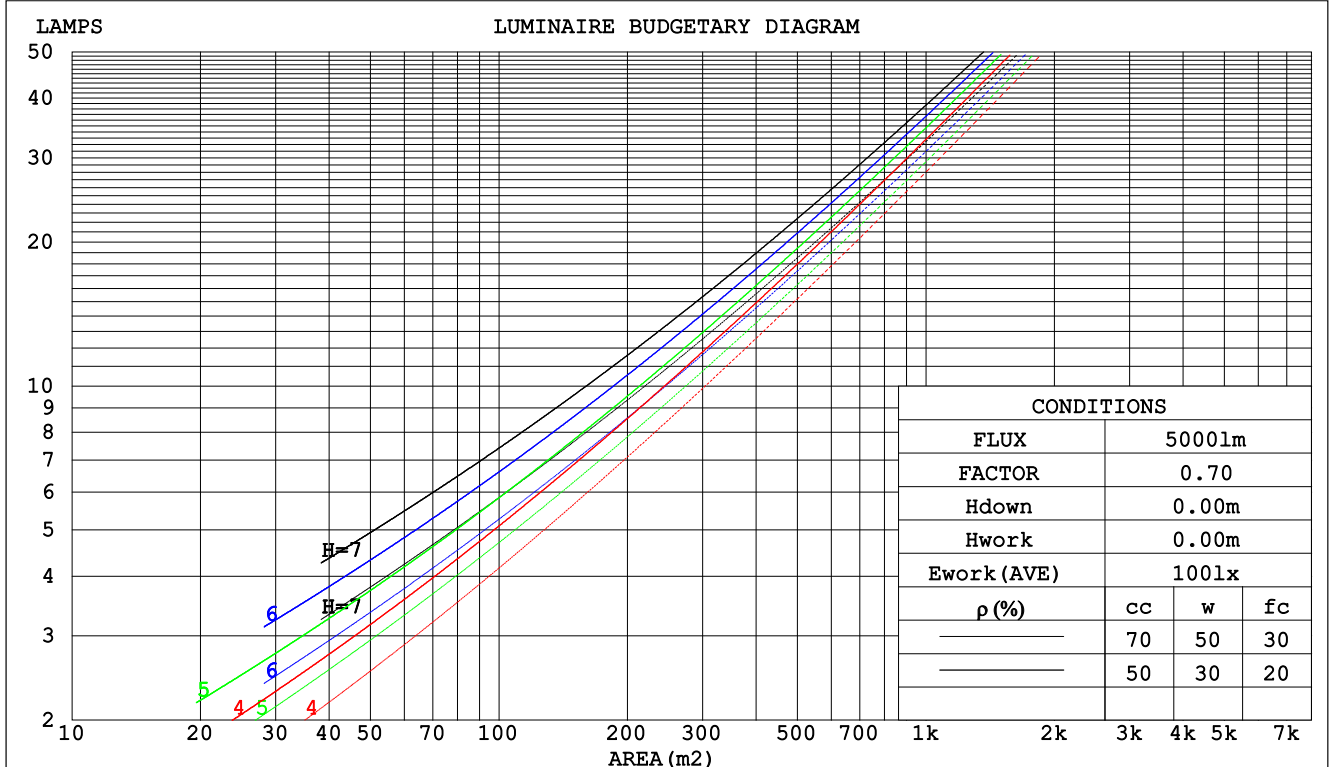
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

$\gamma$  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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.6lx1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE:硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	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	1.00	.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	.61	.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	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.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:2023-11-16

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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.61x1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	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	.260	.146	.046	.248	.140	.044		
3.0	.270	.144	.043	.264	.141	.043	.252	.137	.041	.241	.132	.040	.231	.128	.040		
4.0	.249	.129	.038	.243	.127	.038	.233	.123	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.032	.199	.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	.187	.094	.027	.180	.092	.027	.173	.090	.026		
8.0	.185	.091	.025	.182	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022		
10.0	.163	.078	.022	.160	.077	.022	.155	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.204	.180	.158	.175	.155	.136	.120	.106	.094	.069	.062	.055	.022	.020	.018	
2.0	.196	.156	.122	.168	.134	.106	.115	.093	.074	.067	.054	.043	.021	.017	.014	
3.0	.189	.139	.099	.162	.120	.085	.111	.083	.060	.064	.049	.035	.021	.016	.012	
4.0	.181	.125	.083	.155	.108	.072	.107	.076	.051	.062	.044	.030	.020	.014	.010	
5.0	.174	.115	.072	.149	.100	.062	.103	.070	.044	.060	.041	.026	.019	.013	.009	
6.0	.167	.107	.064	.143	.092	.056	.099	.065	.039	.057	.038	.023	.019	.012	.008	
7.0	.160	.100	.058	.138	.087	.050	.095	.061	.036	.055	.036	.021	.018	.012	.007	
8.0	.153	.094	.053	.132	.082	.047	.091	.057	.033	.053	.034	.020	.017	.011	.007	
9.0	.147	.089	.050	.127	.077	.044	.088	.054	.031	.051	.032	.018	.017	.011	.006	
10.0	.142	.085	.047	.122	.074	.041	.085	.052	.029	.049	.031	.017	.016	.010	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.6lx1 lm											
NAME.: SF06-24V-2835-120-U2-2700K-80						TYPE:硅胶		WEIGHT:			
DIM.: 10MM*10MM						SPEC.:		SERIAL No.:202311013			
MFR.: OLYMPIA						SUR.:1.0*0.01		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	22.0	23.5	22.3	23.7	24.0	22.1	23.6	22.4	23.8	24.1	
	3H	23.5	24.9	23.8	25.2	25.5	23.6	25.0	24.0	25.3	25.6
	4H	24.1	25.4	24.5	25.7	26.0	24.2	25.5	24.6	25.8	26.1
	6H	24.5	25.7	24.9	26.1	26.4	24.6	25.8	25.0	26.2	26.5
	8H	24.7	25.8	25.1	26.2	26.5	24.7	25.9	25.1	26.2	26.6
	12H	24.8	25.9	25.2	26.3	26.6	24.8	25.9	25.2	26.3	26.6
4H	2H	22.6	23.9	23.0	24.2	24.5	22.7	24.0	23.0	24.3	24.6
	3H	24.3	25.4	24.7	25.8	26.2	24.4	25.5	24.8	25.9	26.2
	4H	25.0	26.1	25.4	26.4	26.8	25.1	26.1	25.5	26.5	26.9
	6H	25.6	26.5	26.0	26.9	27.3	25.6	26.5	26.1	26.9	27.4
	8H	25.8	26.6	26.2	27.1	27.5	25.8	26.6	26.2	27.1	27.5
	12H	25.9	26.7	26.4	27.2	27.6	25.9	26.7	26.3	27.1	27.6
8H	4H	25.3	26.1	25.7	26.6	27.0	25.3	26.2	25.8	26.6	27.1
	6H	26.0	26.7	26.5	27.2	27.6	26.0	26.7	26.5	27.2	27.7
	8H	26.3	26.9	26.8	27.4	27.9	26.2	26.9	26.7	27.3	27.9
	12H	26.5	27.1	27.1	27.6	28.1	26.4	26.9	26.9	27.4	28.0
12H	4H	25.3	26.1	25.8	26.5	27.0	25.4	26.1	25.8	26.6	27.1
	6H	26.0	26.7	26.5	27.1	27.7	26.0	26.7	26.6	27.2	27.7
	8H	26.4	26.9	26.9	27.4	28.0	26.3	26.9	26.8	27.4	27.9
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 / - 0.3					

CIE Pub.117 Corrected 470.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.6)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.6lx1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

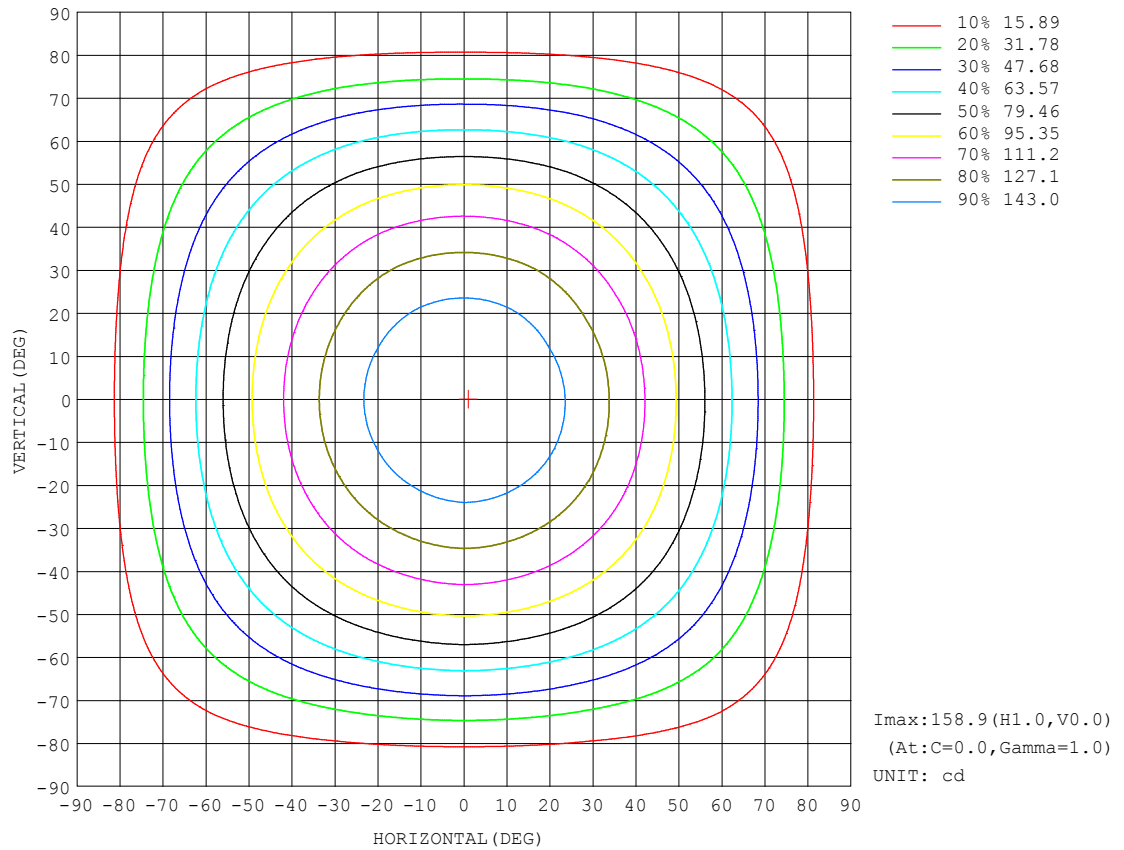
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	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	103	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:2023-11-16

$\gamma$  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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.6lx1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

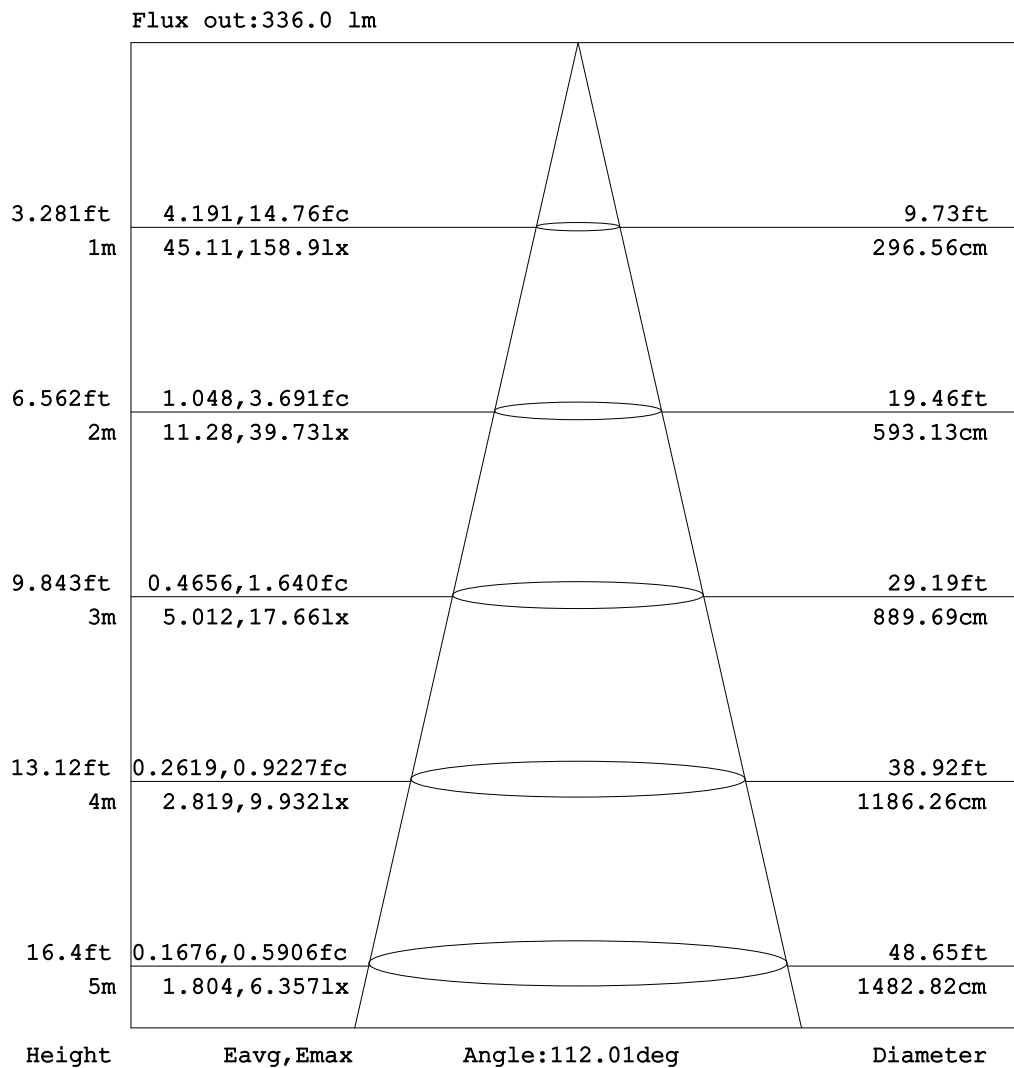


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

$\gamma$  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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.6lx1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:



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

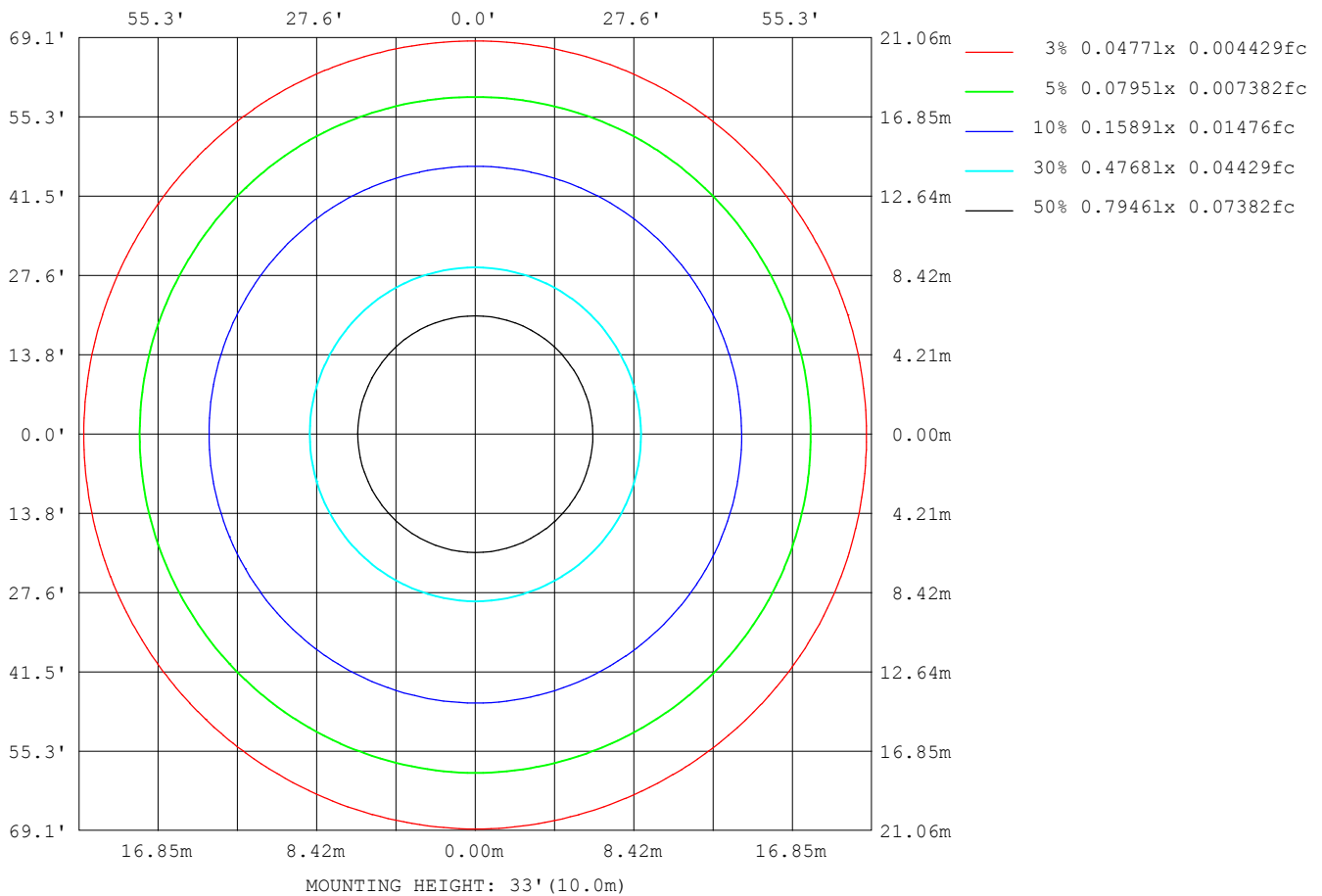
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-11-16

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

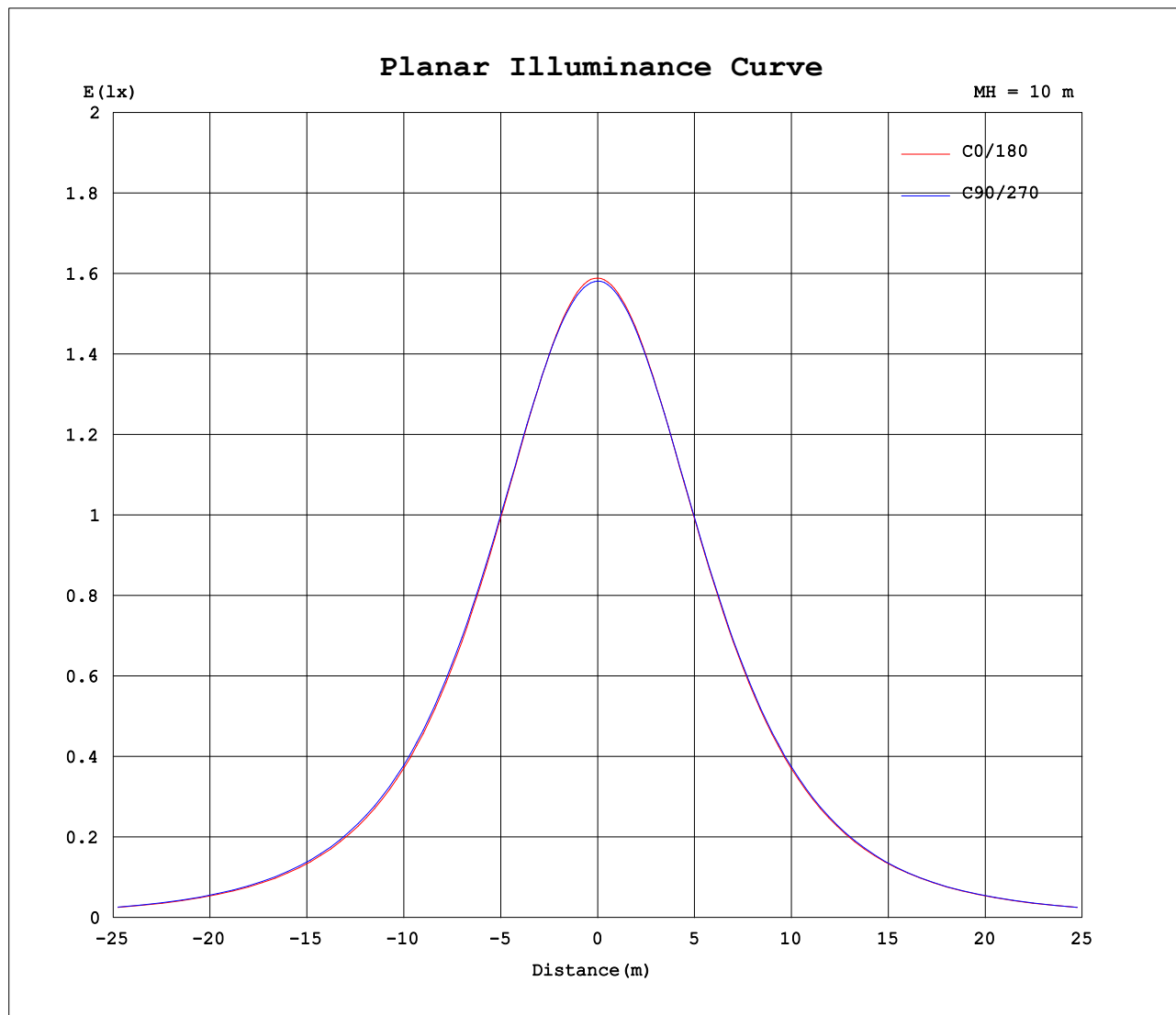
Test:U:24.00V I:0.4200A P:10.08W PF:1.000 Lamp Flux:470.6lx1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

$\gamma$  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:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-11-16

$\gamma$  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:0.4200A P:10.08W PF:1.000 Lamp Flux:470.61x1 lm		
NAME: SF06-24V-2835-120-U2-2700K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311013
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	159	159	158	158	158	158	159	159	158	158	158	158							
5	158	158	158	157	157	157	158	158	158	157	157	157							
10	156	156	156	156	155	155	156	155	155	155	155	155							
15	152	152	152	152	152	152	152	152	152	152	152	151							
20	147	148	147	148	147	147	147	147	147	147	147	147							
25	141	141	142	142	141	141	141	141	141	141	141	140							
30	133	134	134	135	134	133	133	133	134	134	134	133							
35	125	126	126	127	126	125	125	125	126	126	126	125							
40	115	116	117	117	116	115	115	115	116	116	116	115							
45	105	106	107	107	106	105	105	105	106	106	106	105							
50	93.8	94.9	95.6	96.3	95.2	94.0	93.7	93.9	94.9	95.0	94.8	93.8							
55	82.0	83.1	83.7	84.5	83.4	82.2	82.0	82.1	83.1	83.0	83.0	81.9							
60	69.6	70.7	71.2	71.9	70.9	69.9	69.7	69.6	70.8	70.6	70.6	69.4							
65	56.6	57.7	58.0	58.6	57.7	57.0	56.8	56.7	57.7	57.5	57.6	56.7							
70	43.5	44.4	44.2	44.9	44.1	43.8	43.7	43.6	44.4	44.0	44.2	43.4							
75	30.5	31.1	30.5	30.9	30.6	30.7	30.7	30.5	30.8	30.2	30.7	30.3							
80	18.7	18.9	17.8	17.9	17.9	18.8	18.8	18.5	18.0	17.4	17.9	18.3							
85	9.50	9.41	7.89	7.41	7.79	9.05	8.93	8.47	7.63	6.62	7.55	8.67							
90	4.16	4.06	3.24	2.67	2.99	3.77	3.42	3.08	2.25	1.64	2.38	3.33							
95	2.19	2.38	2.68	2.72	2.41	1.94	1.21	1.30	1.50	1.73	1.70	1.62							
100	2.15	2.40	2.67	2.78	2.46	2.00	1.08	1.26	1.60	1.80	1.75	1.60							
105	2.21	2.41	2.68	2.80	2.56	2.10	1.21	1.36	1.70	1.88	1.81	1.64							
110	2.25	2.45	2.70	2.86	2.63	2.21	1.34	1.49	1.80	1.93	1.86	1.71							
115	2.32	2.49	2.74	2.91	2.70	2.31	1.48	1.59	1.89	1.97	1.93	1.78							
120	2.39	2.51	2.74	2.94	2.76	2.39	1.61	1.72	1.99	2.04	1.98	1.86							
125	2.45	2.55	2.76	2.95	2.78	2.46	1.76	1.84	2.10	2.14	2.07	1.95							
130	2.53	2.57	2.77	2.95	2.81	2.53	1.92	1.98	2.21	2.23	2.18	2.03							
135	2.56	2.59	2.78	2.95	2.85	2.59	2.07	2.13	2.33	2.33	2.29	2.09							
140	2.60	2.64	2.78	2.94	2.85	2.67	2.23	2.25	2.44	2.44	2.39	2.20							
145	2.69	2.72	2.78	2.94	2.85	2.74	2.37	2.39	2.56	2.53	2.51	2.34							
150	2.77	2.81	2.85	2.95	2.87	2.83	2.53	2.53	2.66	2.64	2.62	2.47							
155	2.85	2.89	2.88	2.99	2.92	2.92	2.67	2.65	2.78	2.74	2.73	2.60							
160	2.93	2.98	2.94	3.04	2.97	3.00	2.80	2.77	2.87	2.84	2.83	2.73							
165	3.03	3.05	3.01	3.09	3.03	3.07	2.94	2.89	2.97	2.93	2.93	2.85							
170	3.07	3.11	3.08	3.15	3.09	3.12	3.04	2.99	3.06	3.01	3.03	2.94							
175	3.10	3.12	3.11	3.14	3.11	3.12	3.12	3.09	3.13	3.09	3.11	3.03							
180	3.11	3.12	3.12	3.14	3.12	3.12	3.11	3.11	3.13	3.13	3.13	3.10							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

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	158.9	158.5	158.3	158.1	157.9	157.9	158.9	158.5	158.3	158.1
3.0	158.7	158.3	158.1	157.9	157.7	157.6	158.6	158.2	158.0	157.9
6.0	157.9	157.6	157.4	157.2	157.0	156.8	157.8	157.4	157.3	157.1
9.0	156.6	156.4	156.1	156.0	155.7	155.5	156.4	156.0	156.0	155.9
12.0	154.7	154.7	154.4	154.4	153.9	153.8	154.5	154.2	154.3	154.1
15.0	152.3	152.4	152.2	152.4	151.7	151.5	152.1	151.8	152.0	151.8
18.0	149.5	149.8	149.5	149.7	149.0	148.7	149.2	149.0	149.2	149.1
21.0	146.1	146.4	146.4	146.6	145.9	145.6	145.9	145.7	146.1	146.0
24.0	142.4	142.8	142.8	143.0	142.3	141.9	142.1	141.9	142.4	142.4
27.0	138.2	138.7	138.8	139.1	138.3	137.8	137.9	137.9	138.4	138.3
30.0	133.5	134.1	134.4	134.8	133.9	133.3	133.3	133.1	133.9	133.8
33.0	128.6	129.3	129.5	130.0	129.0	128.3	128.3	128.3	129.1	129.1
36.0	123.0	123.9	124.3	124.8	123.8	122.9	122.9	122.8	123.8	123.7
39.0	117.4	118.3	118.8	119.4	118.2	117.3	117.2	117.2	118.2	118.1
42.0	111.4	112.3	112.9	113.5	112.4	111.3	111.1	111.2	112.3	112.4
45.0	105.1	106.1	106.7	107.3	106.2	105.0	104.8	105.0	106.0	106.1
48.0	98.44	99.42	100.1	100.9	99.69	98.58	98.21	98.42	99.46	99.46
51.0	91.50	92.67	93.28	94.04	92.85	91.73	91.41	91.60	92.63	92.57
54.0	84.38	85.40	86.17	86.92	85.78	84.63	84.33	84.61	85.59	85.70
57.0	77.04	78.29	78.87	79.62	78.38	77.45	76.96	77.22	78.31	77.91
60.0	69.58	70.68	71.24	71.91	70.85	69.86	69.71	69.58	70.76	70.60
63.0	61.88	62.79	63.40	63.96	63.06	62.13	61.88	62.05	62.99	62.57
66.0	54.02	55.04	55.24	55.88	55.02	54.37	54.18	54.27	55.10	54.58
69.0	46.12	47.07	47.02	47.57	46.88	46.40	46.32	46.33	47.04	46.58
72.0	38.24	38.91	38.79	39.52	38.71	38.70	38.33	38.40	38.85	38.13
75.0	30.52	31.09	30.48	30.94	30.61	30.71	30.71	30.51	30.80	30.23
78.0	23.17	23.54	22.85	23.22	22.74	23.61	23.44	23.00	23.01	22.25
81.0	16.55	16.69	15.56	15.35	15.58	16.49	16.58	16.26	15.69	15.00
84.0	11.01	10.93	9.477	9.250	9.477	10.70	10.52	10.13	9.426	8.503
87.0	6.905	6.777	5.305	4.521	5.075	6.330	6.241	5.801	4.659	3.860
90.0	4.159	4.061	3.237	2.669	2.985	3.770	3.415	3.077	2.247	1.642
93.0	2.637	2.682	2.694	2.704	2.428	2.365	1.790	1.701	1.493	1.698
96.0	2.152	2.382	2.679	2.734	2.412	1.935	1.040	1.232	1.528	1.749
99.0	2.146	2.397	2.674	2.774	2.447	1.975	1.056	1.236	1.588	1.794
102.0	2.161	2.407	2.674	2.784	2.513	2.041	1.126	1.281	1.644	1.834
105.0	2.206	2.412	2.684	2.799	2.563	2.101	1.206	1.357	1.704	1.880
108.0	2.216	2.433	2.694	2.830	2.613	2.166	1.292	1.437	1.759	1.915
111.0	2.271	2.463	2.709	2.875	2.643	2.222	1.372	1.508	1.815	1.950
114.0	2.302	2.488	2.729	2.905	2.689	2.282	1.453	1.563	1.870	1.965
117.0	2.367	2.498	2.744	2.925	2.719	2.337	1.538	1.638	1.935	1.995
120.0	2.387	2.513	2.744	2.940	2.759	2.387	1.614	1.724	1.990	2.040
123.0	2.437	2.538	2.759	2.945	2.774	2.433	1.704	1.794	2.056	2.116
126.0	2.467	2.553	2.769	2.945	2.794	2.478	1.790	1.879	2.121	2.151
129.0	2.513	2.573	2.774	2.945	2.814	2.513	1.890	1.965	2.187	2.206
132.0	2.533	2.578	2.774	2.945	2.839	2.558	1.980	2.035	2.252	2.266
135.0	2.558	2.588	2.779	2.945	2.850	2.593	2.071	2.126	2.327	2.327
138.0	2.578	2.623	2.779	2.940	2.860	2.639	2.161	2.206	2.392	2.392
141.0	2.608	2.664	2.779	2.940	2.855	2.684	2.257	2.286	2.458	2.447
144.0	2.658	2.709	2.779	2.940	2.855	2.729	2.342	2.367	2.533	2.523
147.0	2.714	2.759	2.794	2.940	2.855	2.779	2.433	2.452	2.599	2.573
150.0	2.769	2.810	2.849	2.945	2.870	2.830	2.528	2.528	2.664	2.638
153.0	2.804	2.865	2.859	2.965	2.895	2.890	2.609	2.598	2.729	2.689
156.0	2.865	2.910	2.890	2.995	2.925	2.935	2.699	2.683	2.789	2.759
159.0	2.910	2.965	2.925	3.021	2.960	2.985	2.780	2.754	2.855	2.809
162.0	2.960	3.011	2.970	3.061	3.005	3.031	2.855	2.824	2.910	2.865
165.0	3.025	3.046	3.005	3.086	3.030	3.066	2.935	2.890	2.965	2.930
168.0	3.040	3.086	3.040	3.121	3.056	3.106	3.001	2.945	3.026	2.970
171.0	3.076	3.111	3.091	3.141	3.086	3.116	3.061	3.005	3.076	3.020
174.0	3.091	3.116	3.096	3.141	3.101	3.116	3.096	3.060	3.116	3.081
177.0	3.101	3.116	3.121	3.141	3.111	3.116	3.111	3.101	3.126	3.096
180.0	3.111	3.116	3.121	3.141	3.116	3.116	3.111	3.106	3.126	3.126
G/C	300.0	330.0								
0.0	157.9	157.9								
3.0	157.7	157.7								
6.0	157.0	157.0								
9.0	155.8	155.7								
12.0	154.1	153.8								
15.0	151.9	151.5								
18.0	149.2	148.7								
21.0	146.0	145.5								
24.0	142.4	141.7								
27.0	138.3	137.6								
30.0	133.8	133.0								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: WFW  
 Test Date: 2023-11-16

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:

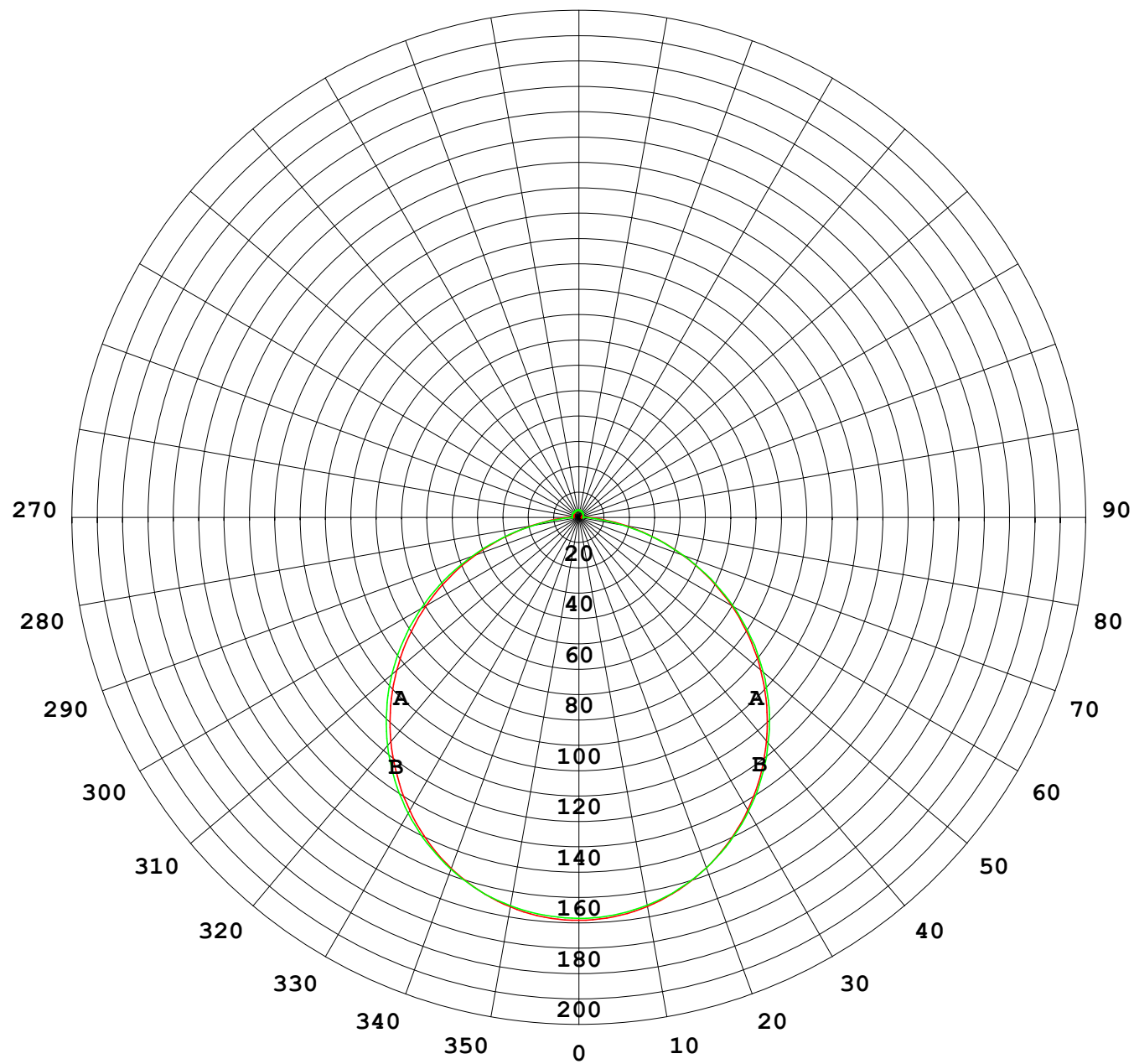
## Photometric Data Table [cd]

33.0	129.0	128.0
36.0	123.8	122.8
39.0	118.2	117.0
42.0	112.2	111.0
45.0	105.9	104.8
48.0	99.35	98.03
51.0	92.56	91.34
54.0	85.46	84.13
57.0	78.17	76.79
60.0	70.60	69.38
63.0	62.82	61.69
66.0	54.93	53.95
69.0	46.88	46.05
72.0	38.72	38.20
75.0	30.65	30.34
78.0	22.85	22.82
81.0	15.54	16.05
84.0	9.296	10.21
87.0	4.744	6.002
90.0	2.378	3.328
93.0	1.684	1.947
96.0	1.709	1.608
99.0	1.729	1.603
102.0	1.774	1.603
105.0	1.809	1.638
108.0	1.835	1.678
111.0	1.870	1.724
114.0	1.915	1.764
117.0	1.950	1.809
120.0	1.980	1.864
123.0	2.036	1.910
126.0	2.091	1.970
129.0	2.146	1.985
132.0	2.212	2.051
135.0	2.287	2.086
138.0	2.347	2.156
141.0	2.418	2.231
144.0	2.493	2.312
147.0	2.558	2.392
150.0	2.619	2.467
153.0	2.689	2.558
156.0	2.749	2.628
159.0	2.815	2.709
162.0	2.875	2.779
165.0	2.930	2.855
168.0	2.991	2.925
171.0	3.051	2.965
174.0	3.096	3.020
177.0	3.126	3.061
180.0	3.126	3.096

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

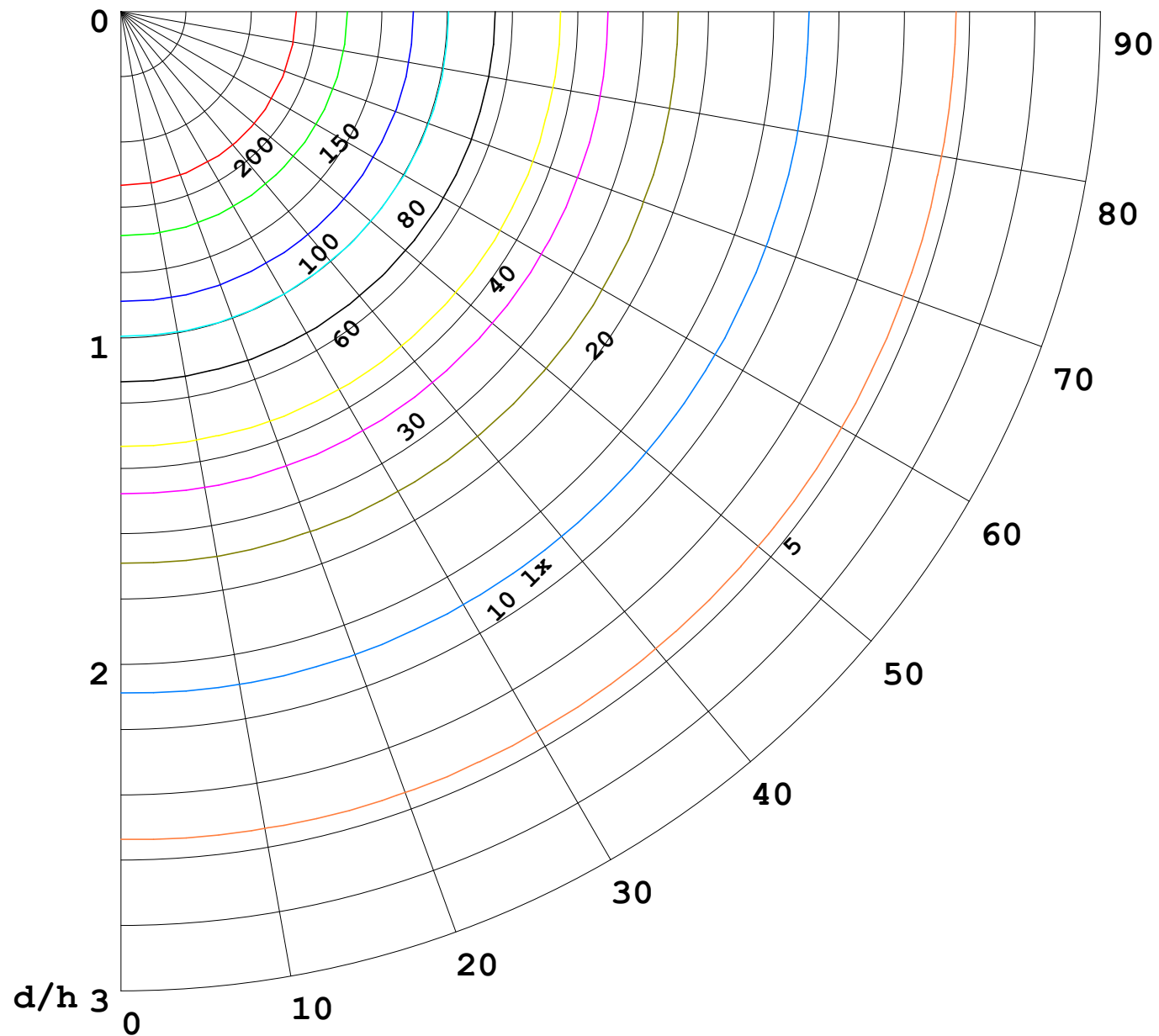
√ Range: 0 - 180DEG  
√ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

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

