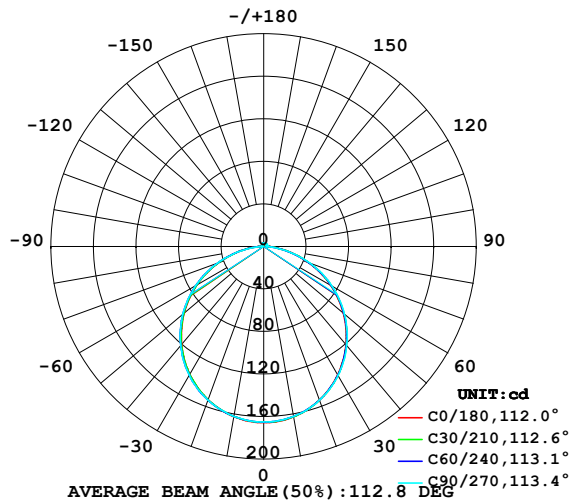


## LUMINAIRE PHOTOMETRIC TEST REPORT

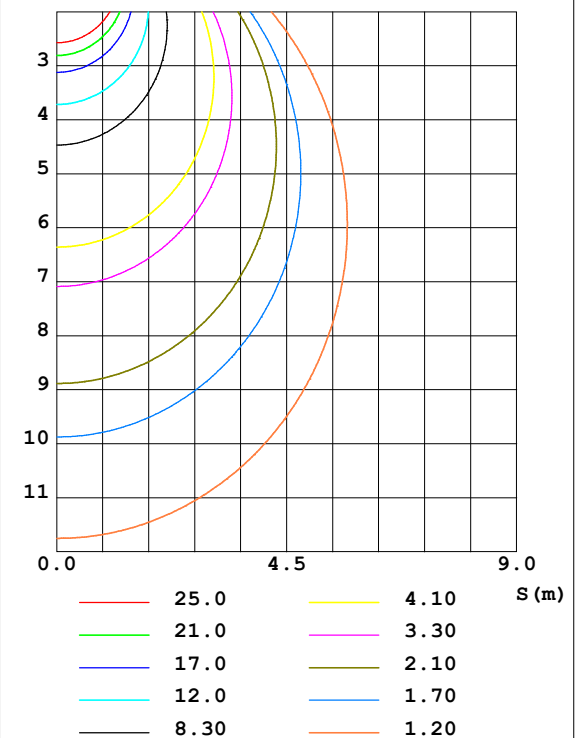
Test:U:24.00V I:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 49.14 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	165.7	S/MH (C0/180)	1.25
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	490.45	η UP, DN (C0-180)	1.8, 48.4
NOMINAL FLUX (lm)	490.45	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 48.4
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)



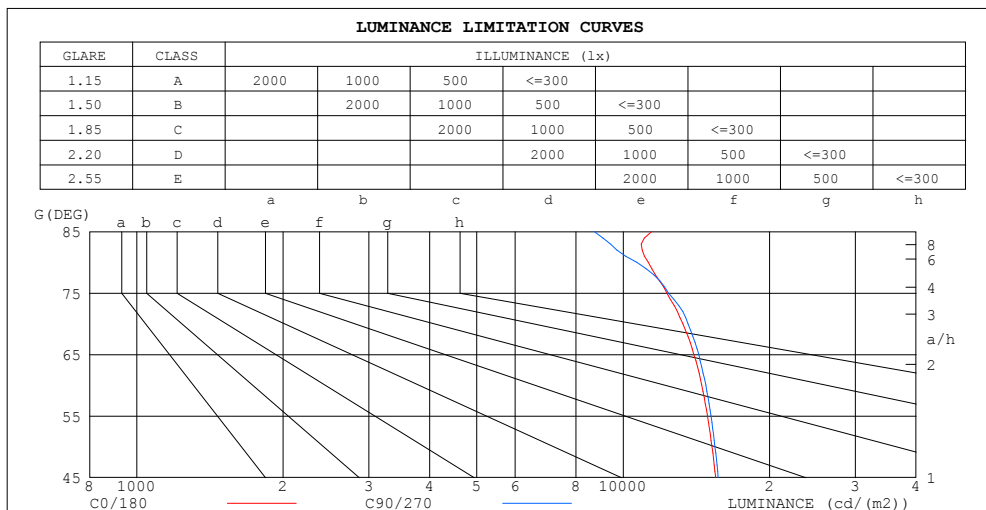
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-11-16

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	162.7	162.5	162.2	161.9	162.5	162.2	162.2	162.1	0- 10	15.63	15.63	3.19,3.19
20	153.6	153.8	153.9	153.2	153.3	153.4	153.7	153.4	10- 20	44.75	60.38	12.3,12.3
30	139.3	139.6	140.1	139.1	139.0	139.5	139.9	139.3	20- 30	67.79	128.2	26.1,26.1
40	120.4	121.1	121.6	120.5	120.1	120.9	121.6	120.9	30- 40	81.73	209.9	42.8,42.8
50	97.84	98.53	99.25	98.08	97.63	98.67	99.49	98.62	40- 50	84.90	294.8	60.1,60.1
60	72.57	73.20	73.95	72.88	72.64	73.39	74.02	73.48	50- 60	76.99	371.8	75.8,75.8
70	45.39	45.78	46.51	45.63	45.56	45.94	46.22	46.01	60- 70	59.03	430.8	87.8,87.8
80	19.56	19.03	18.51	19.01	19.54	19.12	18.37	19.06	70- 80	33.91	464.7	94.8,94.8
90	4.386	3.692	2.779	3.468	3.596	2.933	2.018	3.174	80- 90	10.35	475.1	96.9,96.9
100	2.231	2.553	2.890	2.302	1.116	1.633	1.995	1.890	90-100	2.495	477.6	97.4,97.4
110	2.327	2.621	3.031	2.503	1.392	1.787	2.050	1.927	100-110	2.266	479.8	97.8,97.8
120	2.478	2.674	3.111	2.671	1.674	1.962	2.131	2.015	110-120	2.255	482.1	98.3,98.3
130	2.618	2.736	3.106	2.774	1.986	2.169	2.246	2.151	120-130	2.154	484.3	98.7,98.7
140	2.699	2.800	3.076	2.862	2.307	2.415	2.442	2.357	130-140	1.964	486.2	99.1,99.1
150	2.865	2.925	3.086	2.968	2.624	2.681	2.674	2.631	140-150	1.700	487.9	99.5,99.5
160	3.050	3.091	3.151	3.111	2.920	2.945	2.930	2.900	150-160	1.343	489.3	99.8,99.8
170	3.191	3.211	3.267	3.231	3.161	3.151	3.141	3.131	160-170	0.8770	490.1	99.9,99.9
180	3.272	3.269	3.277	3.269	3.272	3.269	3.272	3.267	170-180	0.3074	490.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11445	8712
80	11267	10661
75	12288	12399
70	13271	13600
65	13975	14300
60	14515	14791
55	14910	15149
50	15221	15441
45	15495	15679

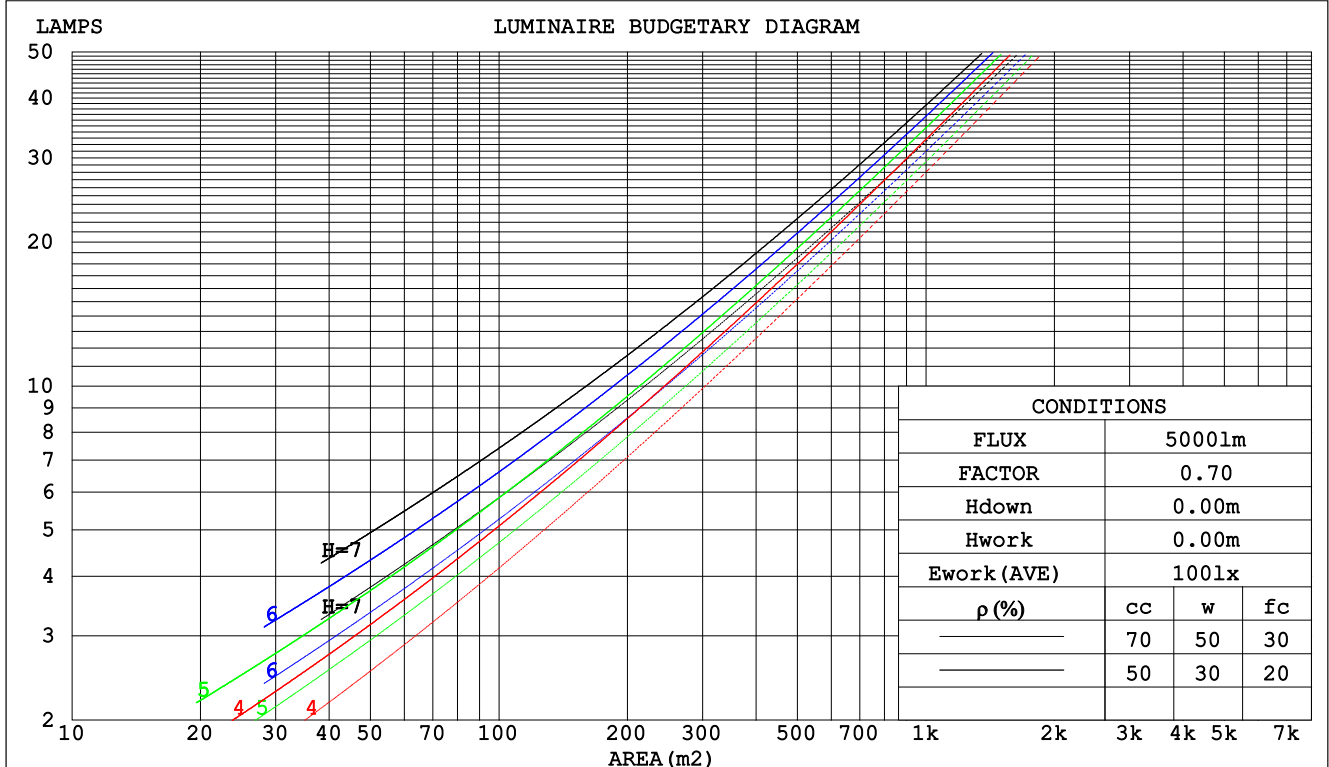
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

$\gamma$  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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
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	.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:2023-11-16

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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
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	.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	.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	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.205	.180	.158	.175	.155	.136	.120	.106	.094	.069	.062	.055	.022	.020	.018	
2.0	.197	.156	.122	.168	.134	.106	.115	.093	.074	.067	.054	.043	.021	.017	.014	
3.0	.189	.139	.099	.162	.120	.086	.111	.083	.060	.064	.049	.035	.021	.016	.012	
4.0	.181	.125	.083	.156	.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	.093	.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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm											
NAME: SF06-24V-2835-120-U2-4000K-80						TYPE:硅胶		WEIGHT:			
DIM.: 10MM*10MM						SPEC.:		SERIAL No.:202311014			
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	22.1	23.6	22.4	23.8	24.1	22.2	23.6	22.5	23.9	24.2	
	3H	23.6	25.0	24.0	25.3	25.6	23.7	25.1	24.0	25.3	25.7
	4H	24.2	25.5	24.6	25.8	26.2	24.3	25.6	24.6	25.9	26.2
	6H	24.7	25.9	25.0	26.2	26.6	24.7	25.9	25.1	26.2	26.6
	8H	24.8	26.0	25.2	26.3	26.7	24.8	26.0	25.2	26.3	26.7
	12H	24.9	26.0	25.3	26.4	26.8	24.9	26.0	25.3	26.3	26.7
4H	2H	22.7	24.0	23.1	24.3	24.6	22.7	24.0	23.1	24.4	24.7
	3H	24.4	25.5	24.8	25.9	26.3	24.5	25.6	24.9	25.9	26.3
	4H	25.1	26.2	25.6	26.5	26.9	25.2	26.2	25.6	26.6	27.0
	6H	25.7	26.6	26.1	27.0	27.5	25.7	26.6	26.1	27.0	27.5
	8H	25.9	26.8	26.4	27.2	27.6	25.8	26.7	26.3	27.1	27.6
	12H	26.1	26.8	26.5	27.3	27.8	25.9	26.7	26.4	27.2	27.6
8H	4H	25.4	26.2	25.8	26.7	27.1	25.4	26.3	25.9	26.7	27.2
	6H	26.1	26.8	26.6	27.3	27.8	26.1	26.8	26.6	27.2	27.7
	8H	26.4	27.0	26.9	27.5	28.0	26.3	26.9	26.8	27.4	27.9
	12H	26.6	27.2	27.2	27.7	28.2	26.5	27.0	27.0	27.5	28.1
12H	4H	25.4	26.2	25.9	26.6	27.1	25.4	26.2	25.9	26.7	27.1
	6H	26.1	26.8	26.7	27.3	27.8	26.1	26.8	26.6	27.2	27.8
	8H	26.5	27.0	27.0	27.5	28.1	26.4	26.9	26.9	27.4	28.0
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	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 490.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.5)

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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

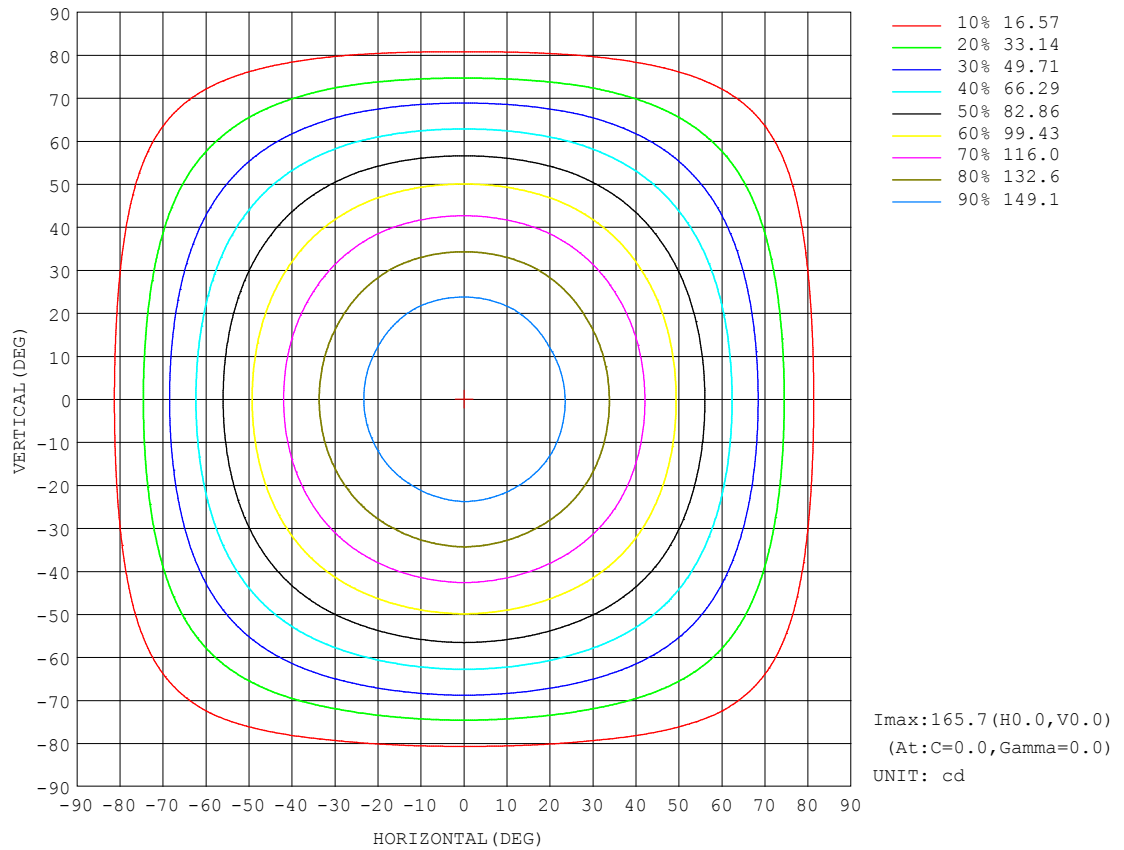
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	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	94	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:2023-11-16

$\gamma$  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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:

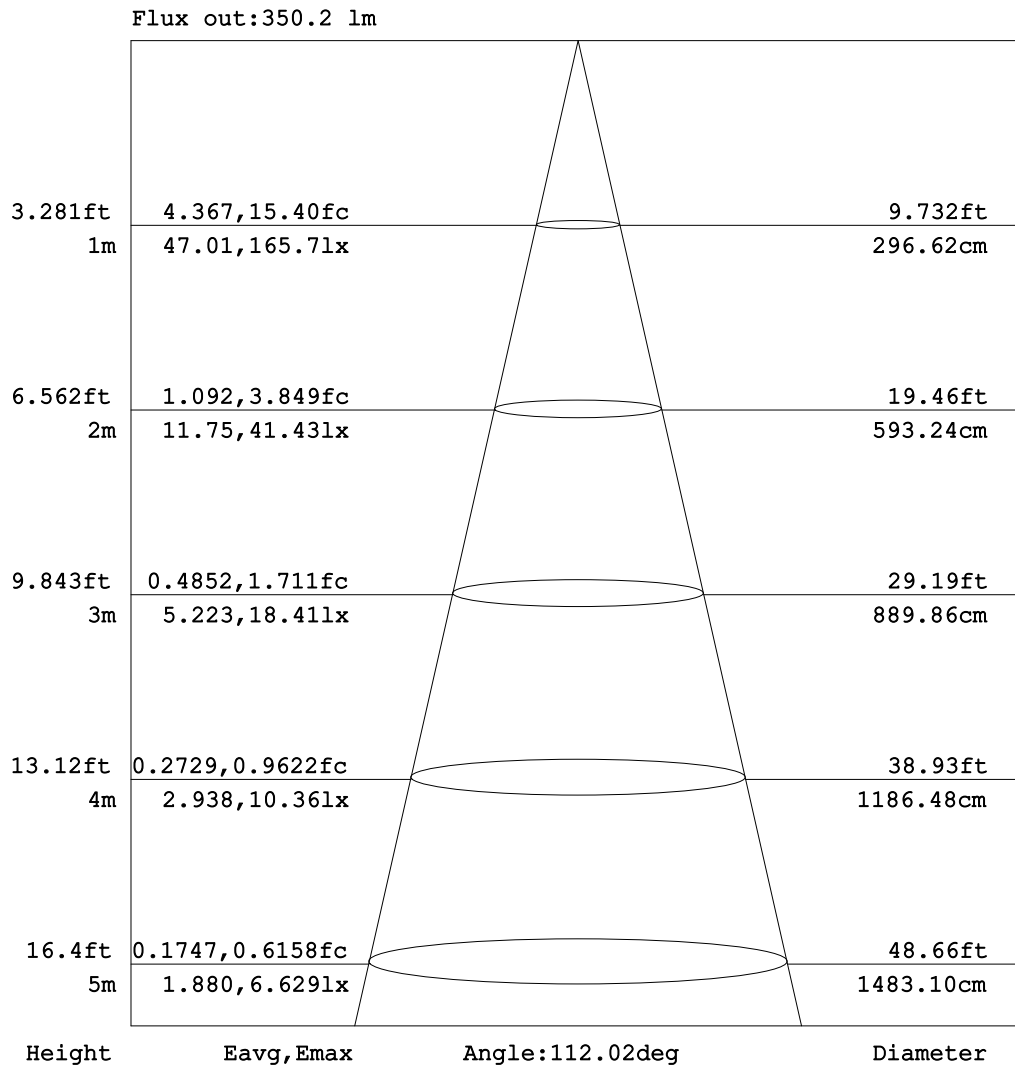


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:WFW  
Test Date:2023-11-16

$\gamma$  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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
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.

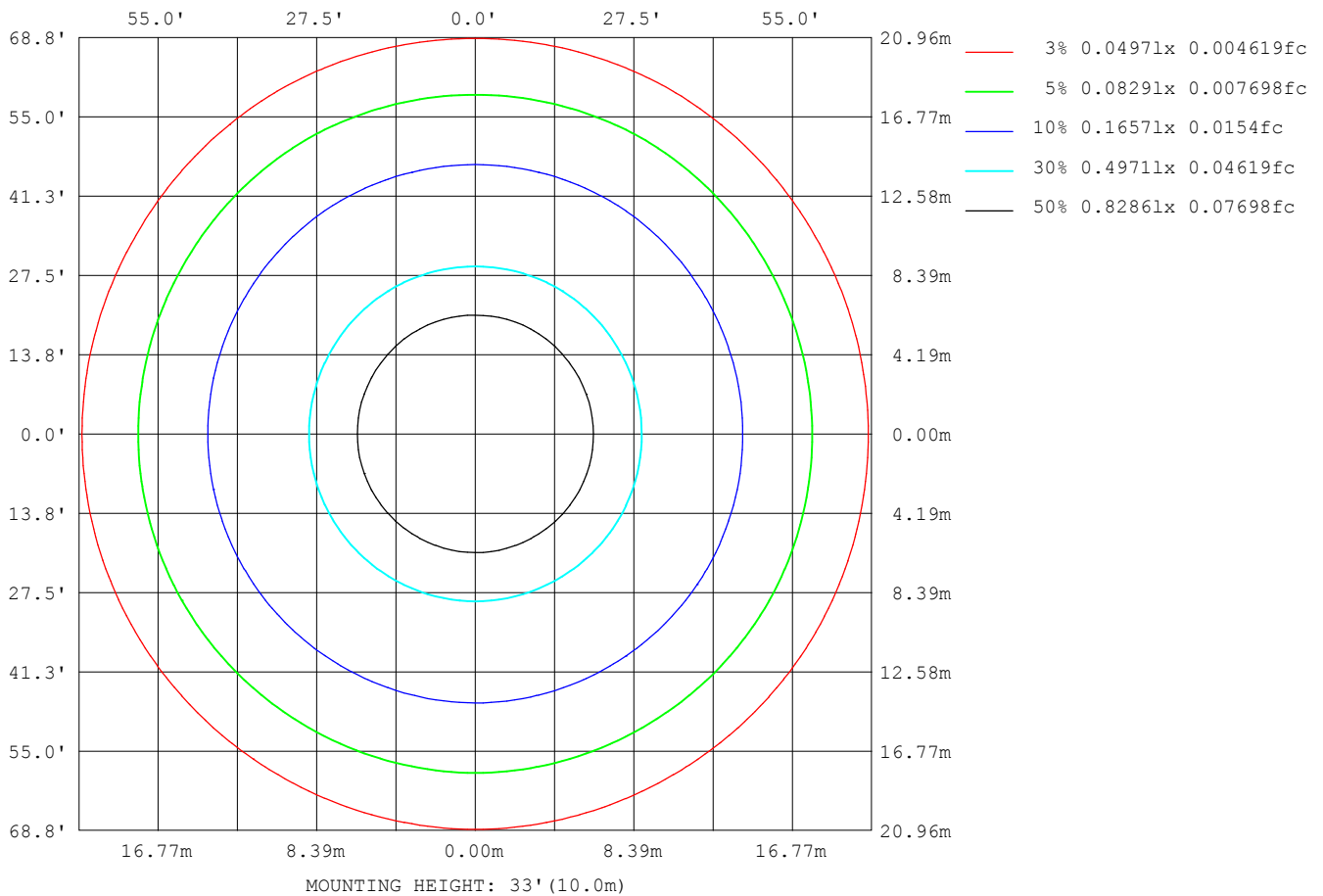
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: WFW  
Test Date: 2023-11-16

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

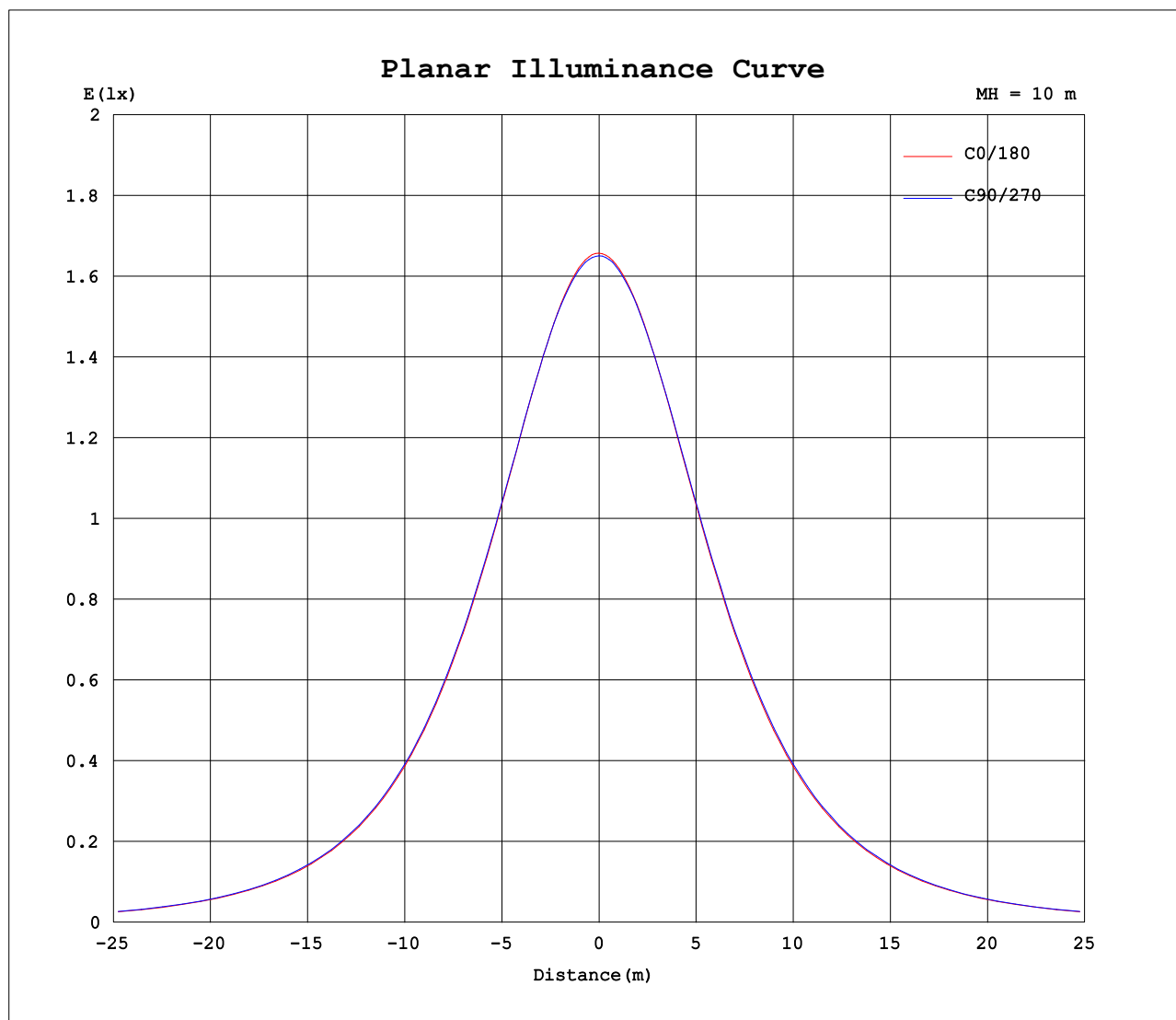
Test:U:24.00V I:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
MFR.: OLYMPIA	SUR.:1.0*0.01	PROTECTION ANGLE:



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

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: 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:0.4160A P:9.980W PF:1.000 Lamp Flux:490.45x1 lm		
NAME: SF06-24V-2835-120-U2-4000K-80	TYPE: 硅胶	WEIGHT:
DIM.: 10MM*10MM	SPEC.:	SERIAL No.:202311014
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	166	165	165	165	165	165	166	165	165	165	165	165						
5	165	165	164	164	164	164	165	165	164	164	164	164						
10	163	163	162	162	162	162	162	162	162	162	162	162						
15	159	159	159	159	158	158	159	158	159	158	159	158						
20	154	154	154	154	153	153	153	153	154	154	154	153						
25	147	147	147	148	147	147	147	147	147	147	147	146						
30	139	140	140	140	139	139	139	139	140	140	140	139						
35	130	131	131	131	130	130	130	130	131	131	131	130						
40	120	121	121	122	121	120	120	120	122	122	121	120						
45	110	110	110	111	110	109	109	110	111	111	111	110						
50	97.8	98.6	98.5	99.3	98.3	97.9	97.6	98.0	99.3	99.5	99.3	97.9						
55	85.5	86.2	86.3	86.9	85.9	85.6	85.4	85.7	87.1	87.1	87.1	85.6						
60	72.6	73.2	73.2	74.0	73.0	72.8	72.6	72.6	74.2	74.0	74.2	72.8						
65	59.1	59.8	59.7	60.4	59.4	59.3	59.2	59.1	60.6	60.2	60.5	59.3						
70	45.4	45.8	45.8	46.5	45.6	45.6	45.6	45.3	46.6	46.2	46.6	45.4						
75	31.8	32.1	31.6	32.1	31.6	32.0	32.0	31.6	32.6	32.0	32.5	31.6						
80	19.6	19.6	18.5	18.5	18.4	19.6	19.5	19.1	19.2	18.4	19.1	19.0						
85	9.98	9.58	8.11	7.59	8.00	9.26	9.32	8.71	8.25	6.98	8.25	9.12						
90	4.39	4.10	3.29	2.78	3.10	3.83	3.60	3.27	2.60	2.02	2.78	3.56						
95	2.30	2.34	2.73	2.85	2.52	1.97	1.29	1.47	1.78	2.00	1.99	1.82						
100	2.23	2.37	2.73	2.89	2.60	2.01	1.12	1.41	1.86	2.00	1.99	1.79						
105	2.28	2.40	2.76	2.95	2.69	2.13	1.25	1.50	1.91	2.02	2.00	1.81						
110	2.33	2.44	2.80	3.03	2.77	2.23	1.39	1.60	1.97	2.05	2.02	1.83						
115	2.41	2.50	2.81	3.10	2.85	2.34	1.54	1.72	2.03	2.07	2.04	1.89						
120	2.48	2.54	2.81	3.11	2.90	2.44	1.67	1.83	2.10	2.13	2.07	1.96						
125	2.54	2.59	2.85	3.11	2.93	2.53	1.83	1.95	2.17	2.17	2.13	2.05						
130	2.62	2.61	2.86	3.11	2.94	2.61	1.99	2.08	2.26	2.25	2.21	2.10						
135	2.64	2.65	2.87	3.09	2.96	2.67	2.15	2.21	2.36	2.34	2.31	2.17						
140	2.70	2.72	2.88	3.08	2.96	2.76	2.31	2.36	2.47	2.44	2.42	2.30						
145	2.77	2.82	2.89	3.08	2.97	2.86	2.47	2.50	2.59	2.55	2.54	2.44						
150	2.86	2.92	2.93	3.09	2.99	2.95	2.62	2.63	2.73	2.67	2.67	2.59						
155	2.95	3.02	3.01	3.11	3.03	3.05	2.77	2.77	2.86	2.80	2.82	2.72						
160	3.05	3.10	3.08	3.15	3.10	3.13	2.92	2.91	2.98	2.93	2.95	2.85						
165	3.12	3.18	3.14	3.22	3.18	3.20	3.05	3.01	3.09	3.04	3.07	2.98						
170	3.19	3.23	3.19	3.27	3.21	3.26	3.16	3.11	3.19	3.14	3.17	3.10						
175	3.24	3.27	3.25	3.28	3.25	3.27	3.24	3.18	3.26	3.21	3.25	3.17						
180	3.27	3.27	3.27	3.28	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.26						

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	165.7	165.4	165.2	165.1	164.9	164.9	165.7	165.4	165.2	165.1
3.0	165.5	165.2	165.0	164.8	164.7	164.6	165.4	165.1	164.9	164.9
6.0	164.7	164.5	164.1	164.1	163.8	163.8	164.5	164.2	164.2	164.0
9.0	163.3	163.2	162.8	162.8	162.5	162.4	163.1	162.8	162.9	162.7
12.0	161.3	161.4	161.0	161.1	160.6	160.6	161.1	160.8	161.0	160.8
15.0	158.8	159.0	158.7	158.8	158.2	158.2	158.7	158.3	158.7	158.5
18.0	155.9	156.2	155.8	156.0	155.4	155.3	155.6	155.5	155.9	155.8
21.0	152.5	152.6	152.5	152.7	152.0	151.9	152.1	151.9	152.6	152.5
24.0	148.5	148.8	148.7	148.9	148.2	148.1	148.2	148.1	148.9	148.8
27.0	144.1	144.5	144.4	144.7	144.0	143.6	143.8	143.7	144.6	144.6
30.0	139.3	139.7	139.6	140.1	139.3	139.0	139.0	139.0	139.9	139.9
33.0	134.0	134.6	134.5	135.0	134.1	133.8	133.8	133.9	134.9	134.8
36.0	128.4	129.0	128.8	129.5	128.6	128.2	128.2	128.3	129.4	129.5
39.0	122.5	123.1	123.0	123.7	122.7	122.3	122.2	122.4	123.6	123.5
42.0	116.2	116.8	116.8	117.4	116.5	116.0	115.9	116.1	117.3	117.3
45.0	109.6	110.3	110.3	110.9	110.0	109.4	109.3	109.7	110.7	111.0
48.0	102.6	103.3	103.2	104.1	103.1	102.6	102.4	102.7	104.0	103.9
51.0	95.42	96.21	96.19	96.88	95.86	95.52	95.31	95.63	96.99	96.89
54.0	88.00	88.62	88.77	89.43	88.44	88.16	87.92	88.28	89.56	89.44
57.0	80.34	81.15	81.01	81.84	80.81	80.64	80.28	80.60	81.84	81.66
60.0	72.57	73.25	73.16	73.95	72.97	72.78	72.64	72.63	74.16	74.02
63.0	64.53	65.05	65.16	65.82	64.90	64.69	64.56	64.80	65.95	65.74
66.0	56.33	57.02	56.97	57.67	56.69	56.66	56.45	56.45	57.78	57.33
69.0	48.11	48.59	48.55	49.26	48.40	48.30	48.31	48.07	49.43	49.22
72.0	39.92	40.29	40.10	40.99	40.03	40.06	39.96	40.07	40.93	40.64
75.0	31.80	32.12	31.62	32.09	31.60	31.98	32.01	31.56	32.59	31.99
78.0	24.20	24.23	23.53	24.01	23.45	24.26	24.43	24.17	24.44	24.03
81.0	17.30	17.34	16.09	15.82	16.04	17.31	17.26	16.86	16.72	15.89
84.0	11.57	11.18	9.789	9.491	9.744	10.90	11.02	10.47	10.16	8.973
87.0	7.262	6.882	5.462	4.607	5.231	6.581	6.542	6.142	5.105	4.268
90.0	4.386	4.096	3.287	2.779	3.101	3.835	3.596	3.268	2.599	2.018
93.0	2.793	2.651	2.740	2.795	2.524	2.400	1.896	1.902	1.774	1.975
96.0	2.242	2.342	2.734	2.865	2.523	1.940	1.100	1.403	1.804	1.995
99.0	2.231	2.367	2.734	2.890	2.573	1.990	1.081	1.397	1.855	1.995
102.0	2.241	2.377	2.739	2.910	2.628	2.056	1.171	1.437	1.885	1.995
105.0	2.282	2.397	2.764	2.950	2.694	2.126	1.252	1.503	1.915	2.015
108.0	2.302	2.423	2.784	3.006	2.749	2.196	1.332	1.563	1.945	2.040
111.0	2.357	2.453	2.799	3.051	2.794	2.252	1.423	1.638	1.980	2.046
114.0	2.397	2.483	2.809	3.081	2.839	2.312	1.508	1.693	2.015	2.061
117.0	2.442	2.503	2.809	3.116	2.875	2.372	1.593	1.764	2.051	2.091
120.0	2.478	2.538	2.809	3.111	2.905	2.438	1.674	1.829	2.096	2.131
123.0	2.528	2.568	2.844	3.106	2.925	2.488	1.774	1.895	2.141	2.151
126.0	2.568	2.588	2.850	3.106	2.935	2.543	1.860	1.965	2.191	2.201
129.0	2.608	2.613	2.850	3.106	2.940	2.593	1.955	2.045	2.237	2.236
132.0	2.618	2.628	2.860	3.101	2.950	2.634	2.056	2.131	2.297	2.282
135.0	2.638	2.649	2.870	3.091	2.960	2.674	2.151	2.206	2.362	2.342
138.0	2.683	2.694	2.880	3.081	2.955	2.729	2.247	2.292	2.428	2.397
141.0	2.709	2.749	2.885	3.076	2.960	2.784	2.347	2.382	2.498	2.452
144.0	2.769	2.805	2.895	3.076	2.960	2.835	2.433	2.462	2.573	2.528
147.0	2.814	2.860	2.915	3.081	2.985	2.900	2.533	2.548	2.644	2.603
150.0	2.865	2.920	2.930	3.086	2.985	2.950	2.624	2.633	2.729	2.674
153.0	2.925	2.980	2.965	3.091	3.010	3.011	2.719	2.714	2.810	2.739
156.0	2.975	3.031	3.005	3.116	3.040	3.066	2.805	2.794	2.890	2.839
159.0	3.025	3.081	3.060	3.141	3.086	3.116	2.890	2.880	2.955	2.915
162.0	3.095	3.136	3.096	3.176	3.126	3.156	2.971	2.940	3.031	2.970
165.0	3.121	3.181	3.136	3.222	3.176	3.201	3.046	3.010	3.091	3.040
168.0	3.181	3.217	3.176	3.252	3.186	3.232	3.126	3.096	3.156	3.101
171.0	3.196	3.247	3.211	3.277	3.221	3.262	3.172	3.126	3.202	3.176
174.0	3.216	3.267	3.251	3.277	3.242	3.267	3.227	3.181	3.247	3.196
177.0	3.272	3.272	3.262	3.277	3.252	3.267	3.267	3.211	3.272	3.256
180.0	3.272	3.272	3.267	3.277	3.272	3.267	3.272	3.267	3.272	3.272
G/C	300.0	330.0								
0.0	164.9	164.9								
3.0	164.7	164.7								
6.0	163.9	163.9								
9.0	162.7	162.6								
12.0	160.9	160.7								
15.0	158.7	158.2								
18.0	155.8	155.4								
21.0	152.5	151.9								
24.0	148.8	147.9								
27.0	144.5	143.7								
30.0	139.9	138.8								

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:

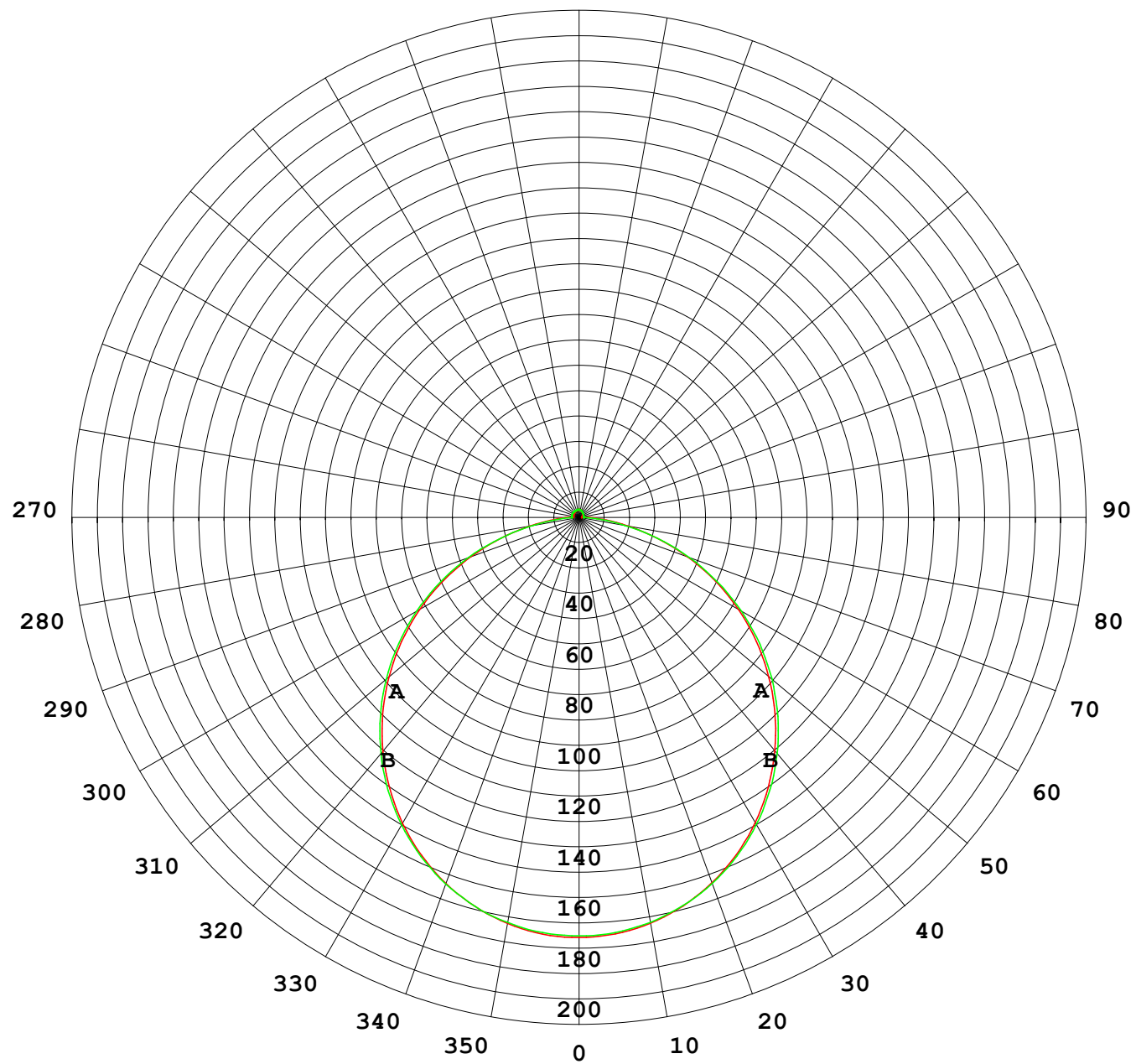
## Photometric Data Table [cd]

33.0	134.9	133.7
36.0	129.4	128.1
39.0	123.5	122.4
42.0	117.3	116.1
45.0	110.8	109.6
48.0	104.0	102.6
51.0	96.97	95.36
54.0	89.57	88.24
57.0	81.81	80.18
60.0	74.17	72.79
63.0	65.85	64.42
66.0	57.76	56.40
69.0	49.43	48.31
72.0	40.89	39.76
75.0	32.48	31.58
78.0	24.35	24.05
81.0	16.65	16.84
84.0	10.08	10.72
87.0	5.272	6.465
90.0	2.785	3.564
93.0	1.990	2.159
96.0	1.985	1.799
99.0	1.985	1.794
102.0	1.990	1.799
105.0	1.995	1.814
108.0	2.005	1.819
111.0	2.020	1.849
114.0	2.035	1.885
117.0	2.051	1.935
120.0	2.066	1.965
123.0	2.096	1.995
126.0	2.141	2.050
129.0	2.191	2.086
132.0	2.247	2.126
135.0	2.312	2.171
138.0	2.377	2.246
141.0	2.443	2.327
144.0	2.513	2.412
147.0	2.589	2.503
150.0	2.674	2.588
153.0	2.764	2.683
156.0	2.840	2.769
159.0	2.915	2.844
162.0	2.991	2.910
165.0	3.066	2.975
168.0	3.121	3.040
171.0	3.176	3.101
174.0	3.227	3.166
177.0	3.267	3.201
180.0	3.272	3.262

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

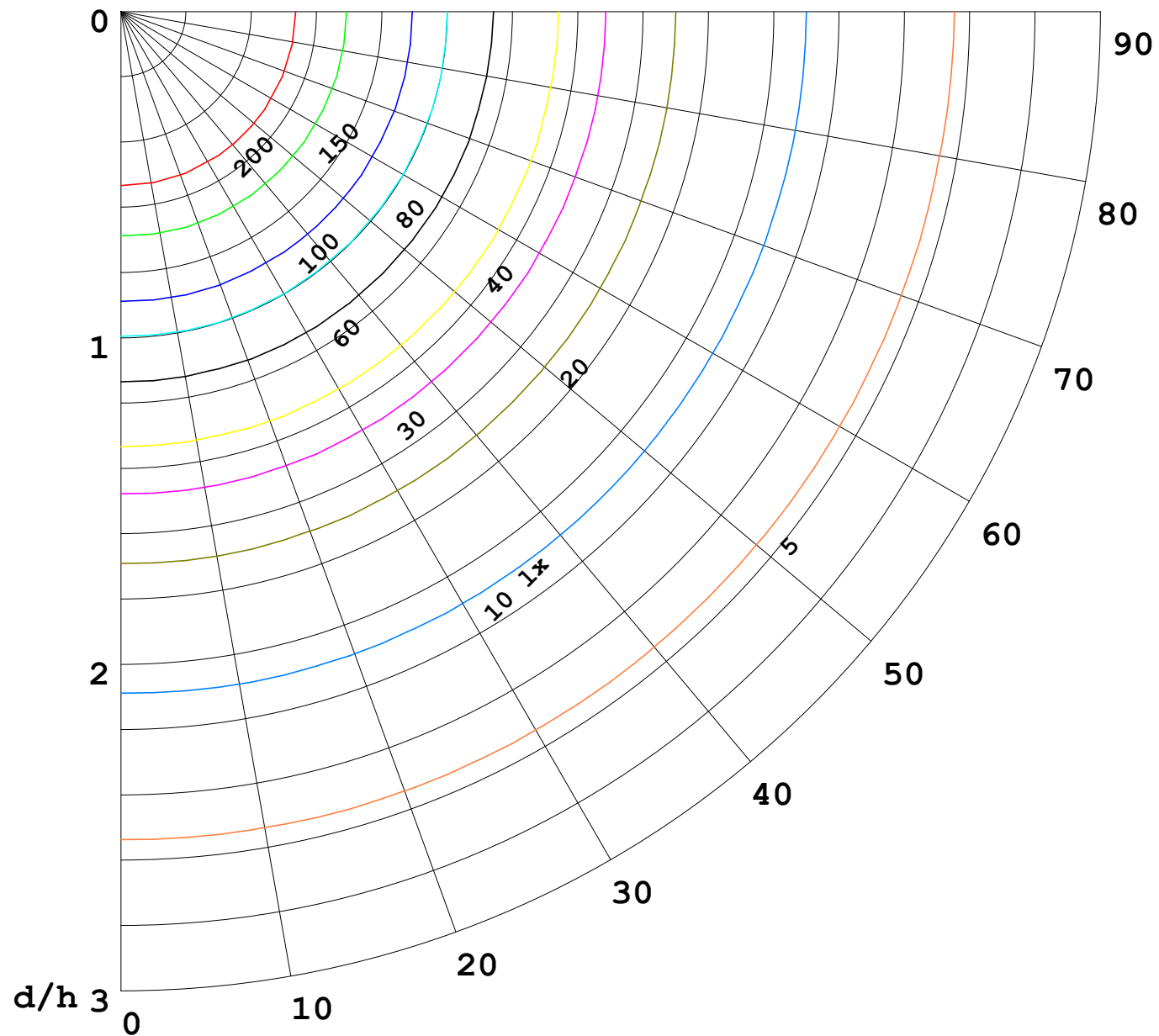
√ Range: 0 - 180DEG  
√ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

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

