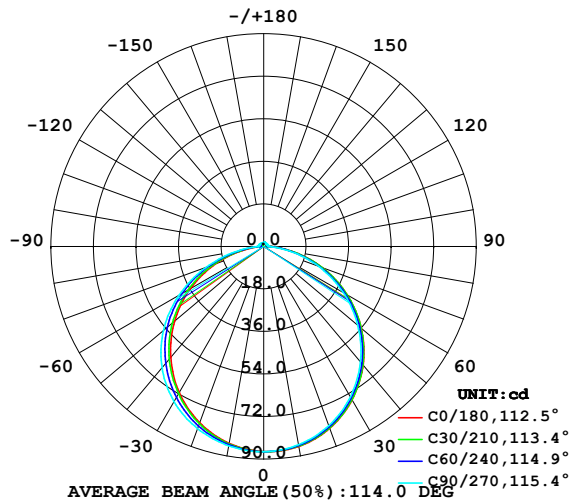


## LUMINAIRE PHOTOMETRIC TEST REPORT

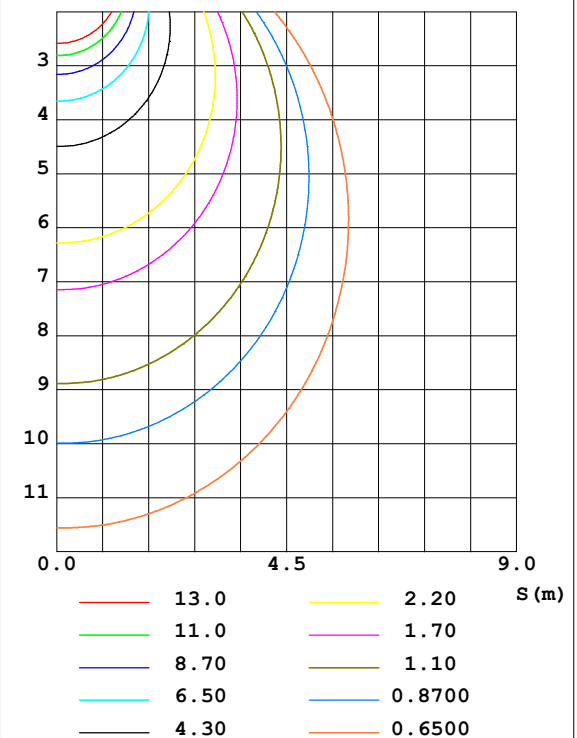
Test:U:24.00V I:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.18 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	86.91	S/MH (C0/180)	1.28
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	263.51	η UP, DN (C0-180)	1.8, 47.9
NOMINAL FLUX (lm)	263.495	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.8, 48.5
LAMPS INSIDE	1	η up (%)	3.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



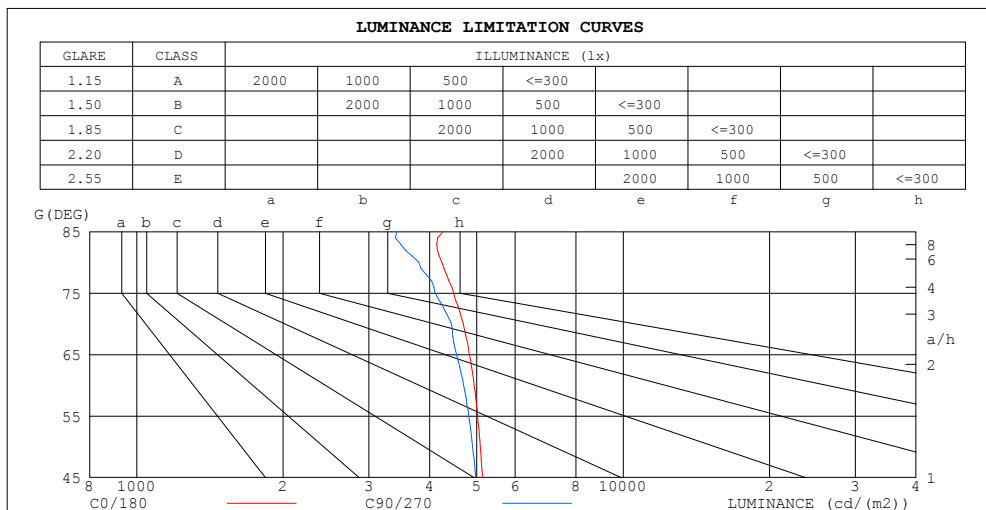
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HXJ  
Test Date: 2022-03-28

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	85.92	85.61	85.18	84.72	84.57	84.99	85.66	85.94	0- 10	8.216	8.216	3.12,3.12
20	81.82	81.45	80.69	79.70	79.34	80.28	81.96	82.29	10- 20	23.56	31.78	12.1,12.1
30	74.89	74.46	73.45	72.06	71.46	72.91	75.85	76.18	20- 30	35.84	67.61	25.7,25.7
40	65.48	64.96	63.69	62.04	61.26	63.33	66.94	67.44	30- 40	43.44	111.1	42.1,42.1
50	53.94	53.41	52.03	50.15	49.26	51.85	55.46	56.03	40- 50	45.39	156.4	59.4,59.4
60	40.75	40.24	38.78	36.80	35.87	38.53	41.50	42.29	50- 60	41.35	197.8	75.1,75.1
70	26.47	25.91	25.01	22.51	21.66	23.79	26.16	27.35	60- 70	31.84	229.6	87.1,87.1
80	12.14	11.64	10.88	8.691	8.094	9.418	11.06	12.50	70- 80	18.51	248.1	94.2,94.2
90	2.428	2.272	2.141	1.616	1.109	1.754	2.458	2.772	80- 90	5.902	254.0	96.4,96.4
100	1.052	1.370	1.930	1.373	0.6584	1.449	2.257	1.797	90-100	1.774	255.8	97.1,97.1
110	1.063	1.361	1.643	1.413	0.7842	1.449	2.191	1.618	100-110	1.551	257.4	97.7,97.7
120	1.161	1.398	1.609	1.457	0.9450	1.447	2.091	1.451	110-120	1.431	258.8	98.2,98.2
130	1.286	1.439	1.602	1.501	1.111	1.444	1.930	1.358	120-130	1.298	260.1	98.7,98.7
140	1.407	1.485	1.596	1.545	1.282	1.418	1.719	1.325	130-140	1.126	261.2	99.1,99.1
150	1.518	1.568	1.623	1.601	1.458	1.474	1.583	1.407	140-150	0.9355	262.2	99.5,99.5
160	1.603	1.646	1.709	1.685	1.588	1.568	1.565	1.538	150-160	0.7235	262.9	99.8,99.8
170	1.694	1.716	1.736	1.734	1.711	1.684	1.647	1.664	160-170	0.4683	263.3	99.9,99.9
180	1.744	1.739	1.744	1.744	1.739	1.746	1.749	1.744	170-180	0.1640	263.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4262	3426
80	4236	3799
75	4484	4106
70	4691	4433
65	4827	4545
60	4940	4700
55	5020	4815
50	5085	4906
45	5139	4977

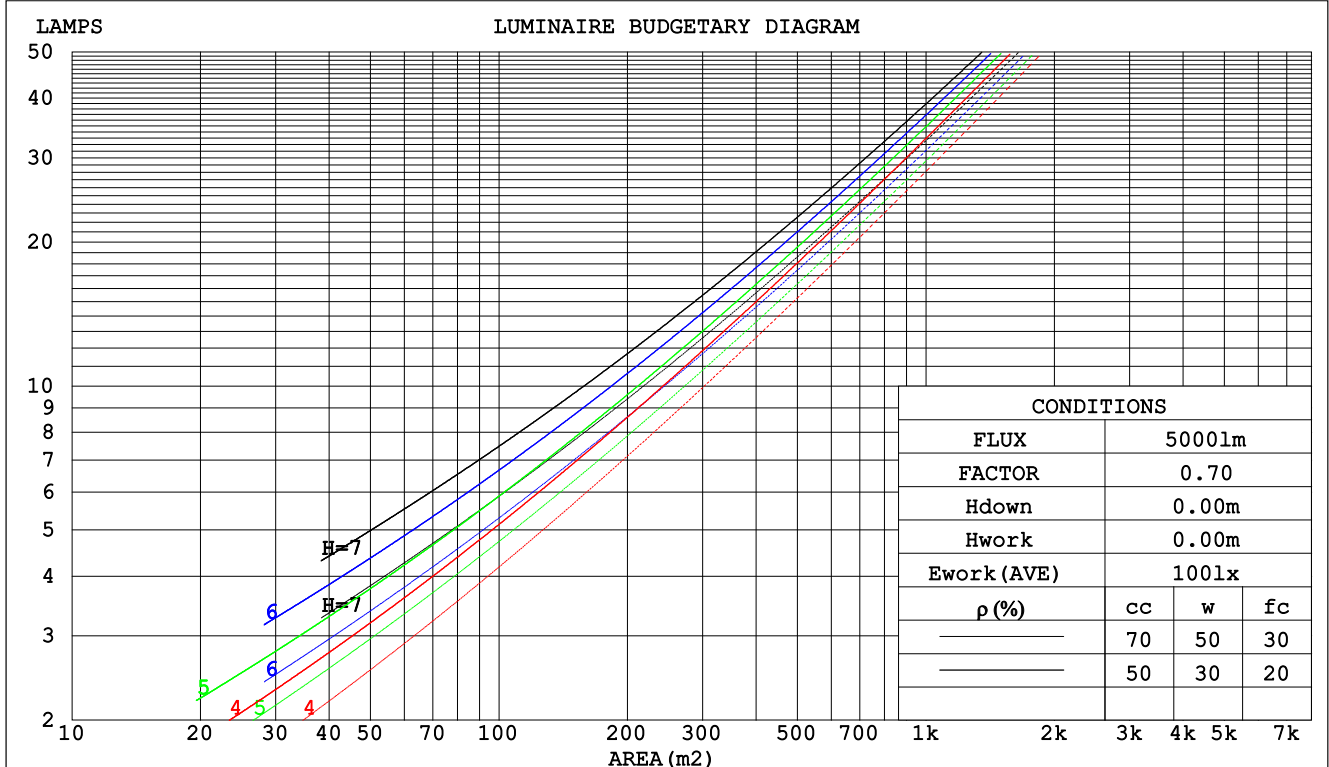
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

$\gamma$  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:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
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						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	.96
1.0	1.03	.98	.94	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.84	.82	.80
2.0	.89	.82	.77	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.46	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

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:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm					
NAME: SF16-24V-2835-120-2200+5700-80-2200			TYPE:硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022032801
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	.315	.179	.057	.306	.175	.056	.291	.167	.053	.277	.160	.051	.264	.153	.049	
2.0	.294	.161	.049	.287	.158	.049	.273	.152	.047	.261	.146	.046	.249	.141	.044	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.242	.132	.041	.231	.128	.040	
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035	
5.0	.231	.118	.034	.226	.116	.034	.216	.112	.033	.207	.109	.032	.199	.106	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.192	.100	.029	.185	.097	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.094	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.084	.023	.171	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.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	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.184	.162	.178	.158	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.160	.126	.172	.137	.109	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.088	.113	.085	.062	.066	.050	.037	.021	.016	.012	
4.0	.185	.129	.086	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.171	.110	.067	.147	.096	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.097	.063	.038	.057	.037	.023	.018	.012	.007	
8.0	.157	.098	.057	.135	.085	.050	.094	.060	.035	.055	.035	.021	.018	.012	.007	
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.125	.077	.044	.087	.054	.032	.051	.032	.019	.016	.011	.006	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

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:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm											
NAME: SF16-24V-2835-120-2200+5700-80-2200						TYPE: 硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022032801			
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	18.4	19.9	18.7	20.1	20.4	18.2	19.7	18.5	20.0	20.2	
	3H	20.0	21.4	20.4	21.7	22.0	19.8	21.1	20.1	21.4	21.7
	4H	20.7	22.0	21.1	22.3	22.7	20.4	21.7	20.8	22.0	22.3
	6H	21.2	22.4	21.6	22.8	23.1	20.9	22.1	21.2	22.4	22.8
	8H	21.4	22.6	21.8	22.9	23.3	21.0	22.2	21.4	22.5	22.9
	12H	21.5	22.7	21.9	23.0	23.4	21.1	22.2	21.5	22.6	23.0
4H	2H	19.0	20.3	19.4	20.6	21.0	18.9	20.2	19.2	20.5	20.8
	3H	20.8	22.0	21.2	22.3	22.7	20.6	21.7	21.0	22.1	22.5
	4H	21.6	22.7	22.1	23.1	23.5	21.4	22.4	21.8	22.8	23.2
	6H	22.3	23.2	22.7	23.6	24.1	22.0	22.9	22.4	23.3	23.7
	8H	22.5	23.4	23.0	23.8	24.3	22.2	23.0	22.6	23.4	23.9
	12H	22.7	23.5	23.2	24.0	24.4	22.3	23.1	22.8	23.5	24.0
8H	4H	21.9	22.8	22.4	23.2	23.7	21.7	22.5	22.1	23.0	23.4
	6H	22.7	23.4	23.2	23.9	24.4	22.4	23.1	22.9	23.6	24.1
	8H	23.1	23.7	23.6	24.2	24.7	22.7	23.3	23.2	23.8	24.4
	12H	23.4	23.9	23.9	24.4	25.0	22.9	23.5	23.5	24.0	24.5
12H	4H	21.9	22.7	22.4	23.2	23.6	21.7	22.5	22.2	22.9	23.4
	6H	22.8	23.4	23.3	23.9	24.4	22.5	23.1	23.0	23.6	24.1
	8H	23.2	23.7	23.7	24.2	24.8	22.8	23.4	23.4	23.9	24.4
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					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 263.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.6)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

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:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

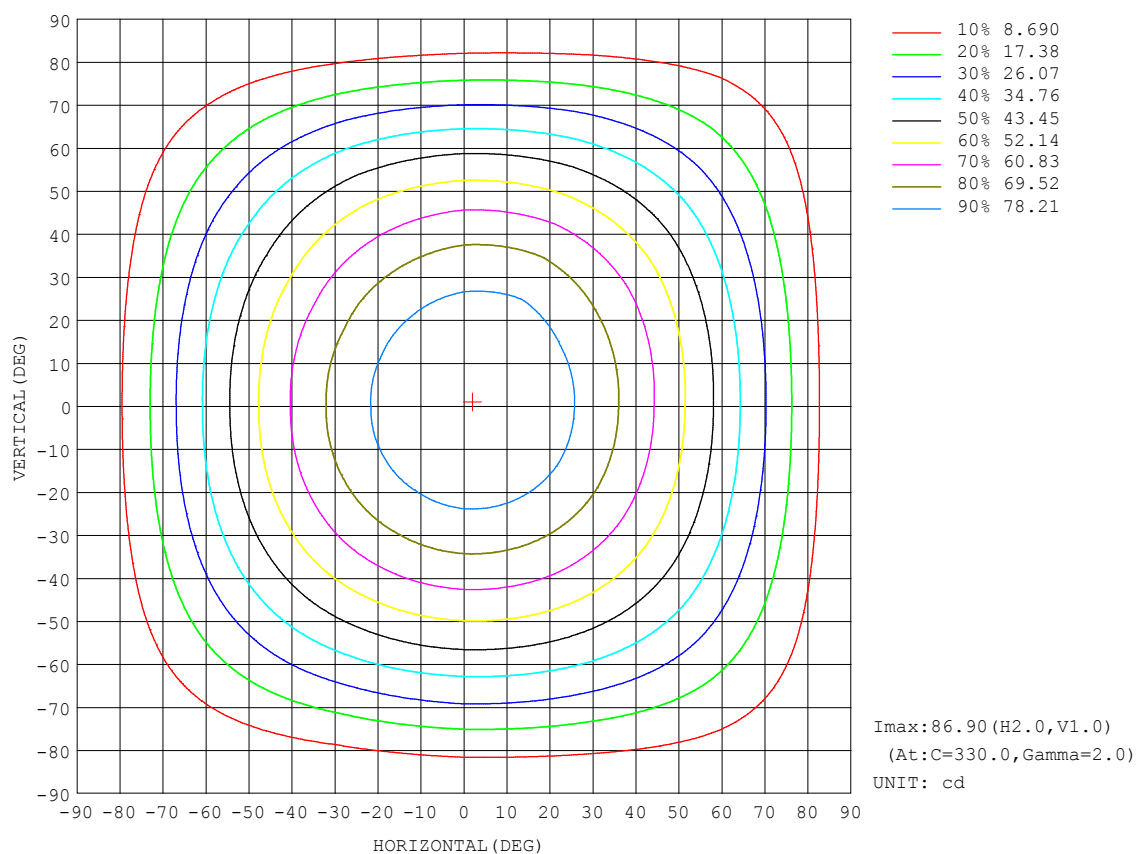
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	56	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
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:HXJ  
Test Date:2022-03-28

$\gamma$  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:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

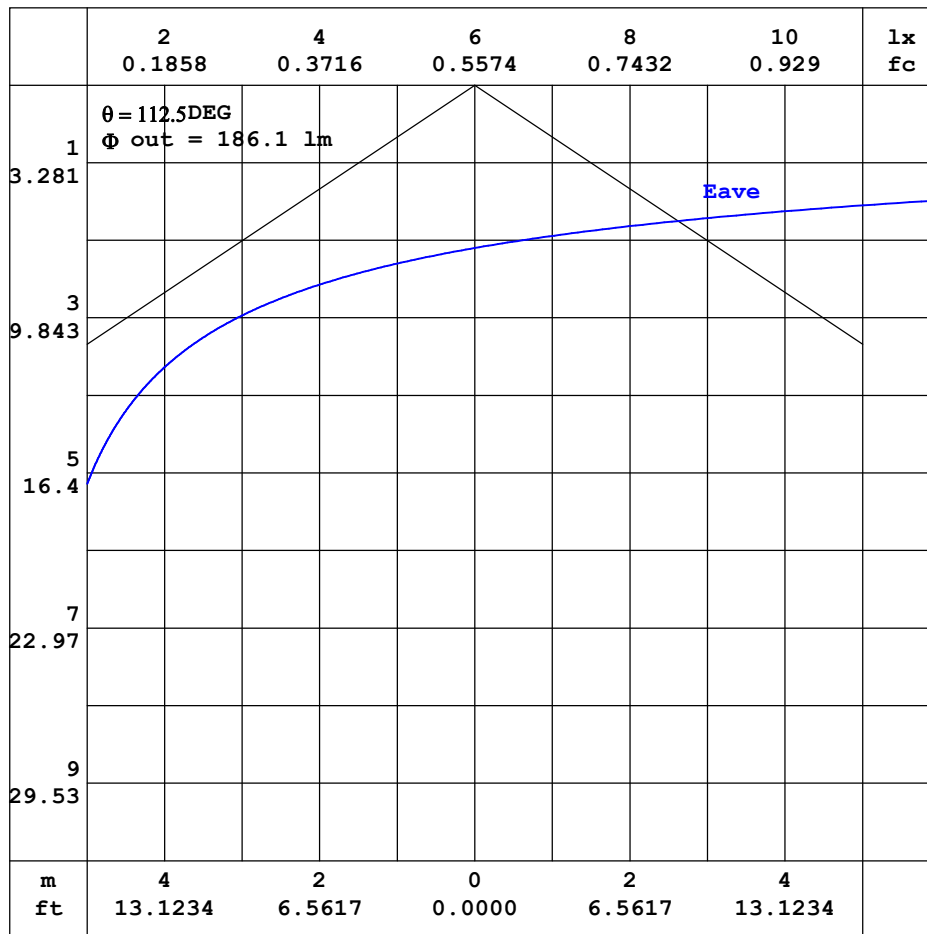


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

$\gamma$  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 CURVES

Test:U:24.00V I:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



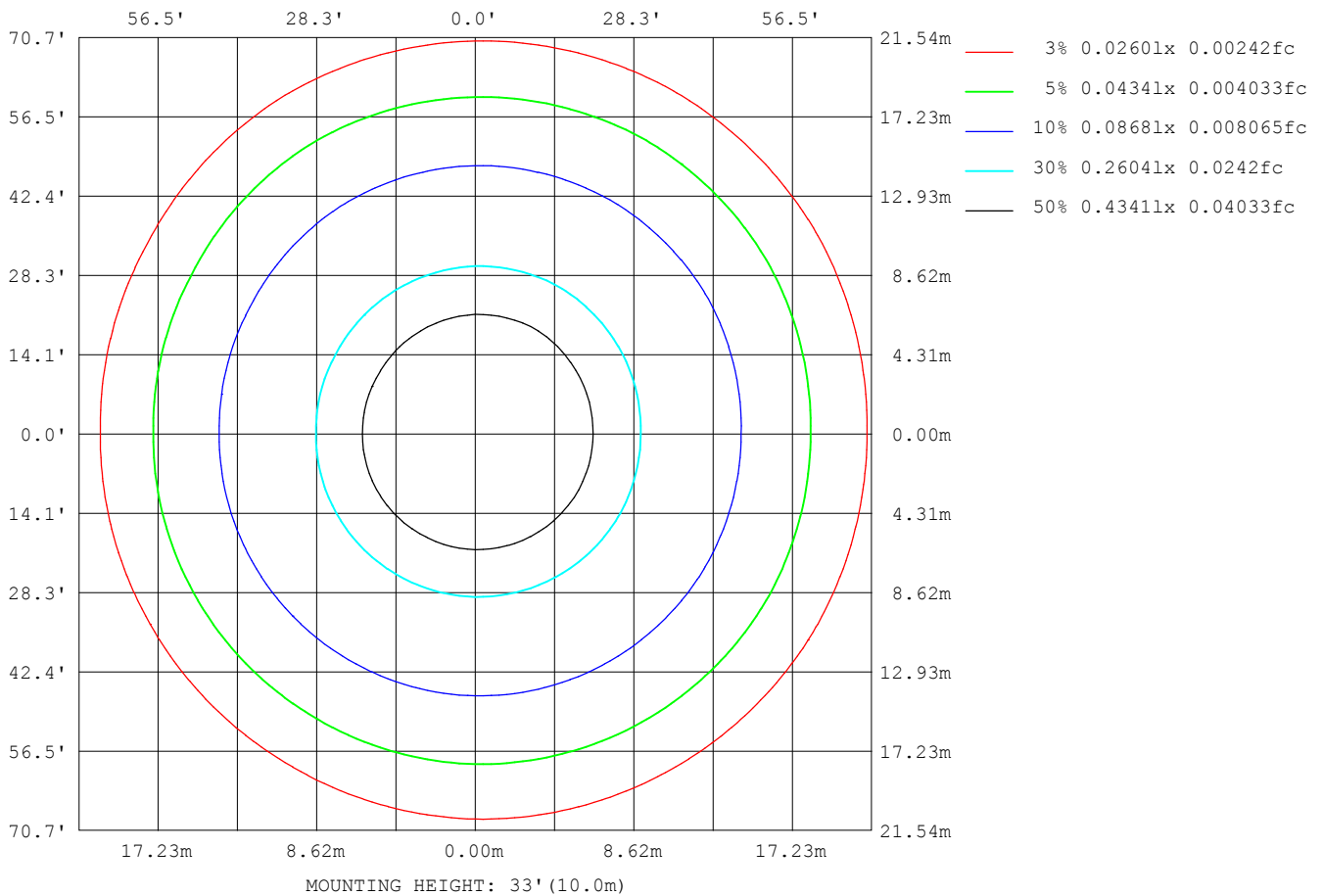
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: HXJ  
 Test Date: 2022-03-28

$\gamma$  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:

## ISOLUX DIAGRAM

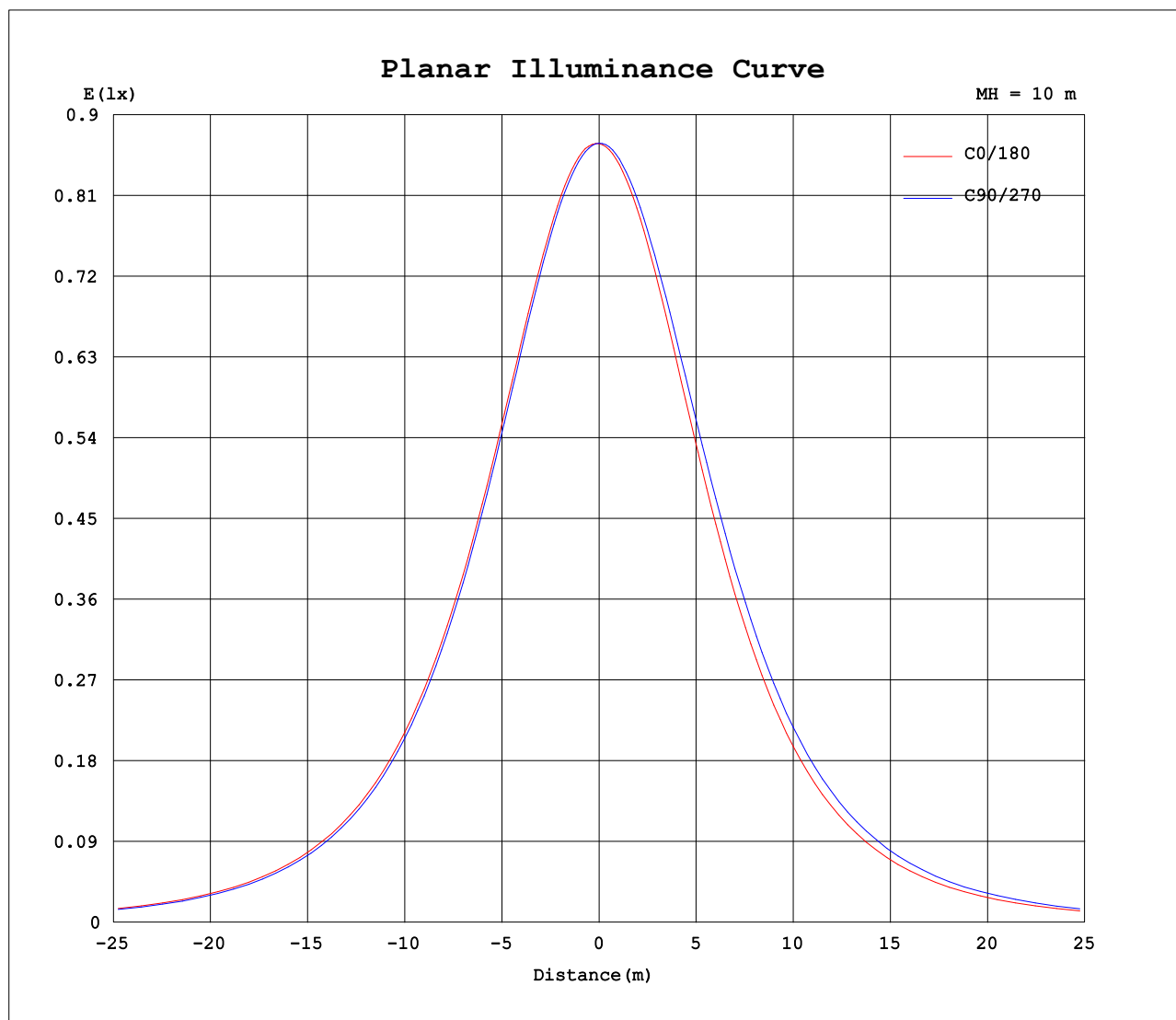
Test:U:24.00V I:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

$\gamma$  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: HXJ  
Test Date: 2022-03-28

$\gamma$  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:0.3309A P:7.941W PF:1.000 Lamp Flux:263.495x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-2200	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
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	86.8	86.8	86.8	86.8	86.9	86.8	86.8	86.8	86.8	86.8	86.9	86.8							
5	86.8	86.7	86.5	86.4	86.2	86.1	86.1	86.2	86.4	86.6	86.7	86.8							
10	85.9	85.7	85.5	85.2	84.8	84.6	84.6	84.8	85.2	85.7	85.9	86.0							
15	84.2	84.1	83.7	83.3	82.7	82.4	82.3	82.6	83.4	84.1	84.4	84.4							
20	81.8	81.7	81.2	80.7	79.9	79.5	79.3	79.7	80.8	82.0	82.5	82.1							
25	78.7	78.6	78.0	77.4	76.4	76.0	75.7	76.2	77.6	79.3	80.1	79.1							
30	74.9	74.8	74.1	73.4	72.3	71.8	71.5	72.0	73.8	75.9	76.9	75.5							
35	70.5	70.4	69.6	68.8	67.6	66.9	66.6	67.4	69.4	71.7	72.9	71.3							
40	65.5	65.3	64.6	63.7	62.5	61.6	61.3	62.2	64.5	66.9	68.2	66.7							
45	60.0	59.8	59.1	58.1	56.7	55.9	55.5	56.6	59.1	61.5	62.5	61.7							
50	53.9	53.8	53.0	52.0	50.6	49.7	49.3	50.4	53.3	55.5	56.3	55.8							
55	47.5	47.4	46.6	45.6	44.0	43.2	42.7	43.9	46.9	48.7	49.6	49.3							
60	40.8	40.7	39.8	38.8	37.2	36.4	35.9	37.1	40.0	41.5	42.4	42.1							
65	33.7	33.7	32.7	31.7	30.1	29.3	28.8	30.0	32.6	33.9	35.0	34.9							
70	26.5	26.4	25.4	25.0	22.9	22.2	21.7	22.7	24.9	26.2	27.3	27.4							
75	19.1	19.1	18.1	17.5	15.7	15.1	14.6	15.5	17.2	18.5	19.6	19.9							
80	12.1	12.0	11.3	10.9	8.95	8.43	8.09	8.80	10.0	11.1	12.2	12.8							
85	6.13	5.97	5.45	4.93	3.70	3.74	3.41	3.81	4.40	5.19	6.16	6.62							
90	2.43	2.31	2.24	2.14	1.71	1.52	1.11	1.59	1.92	2.46	2.71	2.83							
95	1.13	1.17	1.70	2.08	1.55	1.23	0.68	1.21	1.76	2.31	2.20	1.67							
100	1.05	1.18	1.56	1.93	1.55	1.20	0.66	1.15	1.75	2.26	2.14	1.45							
105	1.05	1.18	1.54	1.80	1.54	1.25	0.71	1.15	1.75	2.23	2.12	1.30							
110	1.06	1.21	1.51	1.64	1.54	1.29	0.78	1.15	1.74	2.19	2.05	1.19							
115	1.10	1.25	1.50	1.61	1.54	1.33	0.86	1.16	1.74	2.15	1.91	1.12							
120	1.16	1.30	1.50	1.61	1.54	1.37	0.94	1.19	1.70	2.09	1.81	1.09							
125	1.24	1.34	1.50	1.61	1.54	1.42	1.03	1.21	1.68	2.02	1.72	1.09							
130	1.29	1.38	1.50	1.60	1.54	1.46	1.11	1.25	1.64	1.93	1.62	1.10							
135	1.34	1.42	1.50	1.60	1.55	1.50	1.20	1.26	1.59	1.83	1.52	1.12							
140	1.41	1.47	1.50	1.60	1.55	1.54	1.28	1.28	1.55	1.72	1.48	1.17							
145	1.46	1.51	1.51	1.60	1.56	1.59	1.37	1.33	1.55	1.64	1.47	1.25							
150	1.52	1.57	1.56	1.62	1.58	1.62	1.46	1.41	1.54	1.58	1.47	1.35							
155	1.56	1.61	1.58	1.67	1.64	1.67	1.53	1.49	1.55	1.57	1.50	1.42							
160	1.60	1.66	1.63	1.71	1.66	1.71	1.59	1.54	1.60	1.56	1.57	1.51							
165	1.66	1.70	1.66	1.73	1.70	1.74	1.66	1.60	1.65	1.59	1.62	1.57							
170	1.69	1.73	1.70	1.74	1.73	1.74	1.71	1.66	1.71	1.65	1.69	1.64							
175	1.73	1.75	1.73	1.74	1.74	1.74	1.74	1.69	1.75	1.71	1.72	1.67							
180	1.74	1.75	1.73	1.74	1.74	1.74	1.74	1.74	1.75	1.75	1.75	1.74							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

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	86.81	86.83	86.80	86.83	86.86	86.83	86.81	86.83	86.80	86.83
3.0	86.87	86.80	86.76	86.63	86.55	86.49	86.46	86.55	86.63	86.81
6.0	86.69	86.53	86.38	86.18	85.98	85.89	85.84	85.98	86.19	86.48
9.0	86.16	85.99	85.76	85.47	85.14	84.96	84.93	85.14	85.48	85.88
12.0	85.34	85.17	84.87	84.52	84.05	83.85	83.77	84.01	84.55	85.08
15.0	84.25	84.08	83.72	83.30	82.72	82.43	82.33	82.62	83.36	84.09
18.0	82.89	82.73	82.31	81.80	81.13	80.75	80.62	81.03	81.91	82.86
21.0	81.26	81.12	80.63	80.10	79.24	78.86	78.69	79.08	80.23	81.45
24.0	79.36	79.24	78.71	78.11	77.16	76.71	76.48	76.96	78.32	79.90
27.0	77.26	77.12	76.54	75.86	74.87	74.34	74.06	74.61	76.18	77.94
30.0	74.89	74.80	74.12	73.45	72.33	71.79	71.46	72.00	73.82	75.85
33.0	72.29	72.19	71.50	70.76	69.57	68.94	68.60	69.28	71.27	73.52
36.0	69.49	69.37	68.67	67.81	66.64	65.87	65.54	66.32	68.48	70.83
39.0	66.51	66.36	65.69	64.76	63.53	62.74	62.35	63.29	65.47	67.98
42.0	63.32	63.18	62.46	61.51	60.22	59.38	58.98	60.01	62.38	64.91
45.0	59.96	59.79	59.07	58.07	56.75	55.86	55.45	56.56	59.10	61.49
48.0	56.39	56.30	55.51	54.52	53.10	52.27	51.78	52.93	55.66	57.88
51.0	52.69	52.60	51.78	50.75	49.31	48.46	47.99	49.14	52.04	54.07
54.0	48.82	48.69	47.91	46.90	45.40	44.53	44.05	45.33	48.17	50.24
57.0	44.85	44.75	43.91	42.89	41.37	40.56	40.03	41.25	44.17	45.80
60.0	40.75	40.68	39.81	38.78	37.22	36.37	35.87	37.09	39.96	41.50
63.0	36.56	36.60	35.60	34.55	33.00	32.11	31.64	32.93	35.57	36.89
66.0	32.24	32.19	31.28	30.28	28.67	27.87	27.39	28.60	31.04	32.26
69.0	27.89	27.91	26.93	26.36	24.33	23.63	23.09	24.16	26.41	27.72
72.0	23.54	23.52	22.51	21.99	19.98	19.21	18.77	19.82	21.74	22.84
75.0	19.15	19.10	18.13	17.54	15.69	15.08	14.56	15.46	17.19	18.47
78.0	14.88	14.85	13.91	13.51	11.52	10.95	10.58	11.30	12.83	14.09
81.0	10.81	10.63	9.935	9.522	7.732	7.293	6.969	7.613	8.760	9.954
84.0	7.171	6.981	6.456	5.871	4.521	4.456	4.162	4.577	5.346	6.237
87.0	4.287	4.161	3.758	3.293	2.489	2.530	2.207	2.603	2.970	3.455
90.0	2.428	2.308	2.236	2.141	1.710	1.522	1.109	1.585	1.924	2.458
93.0	1.390	1.361	1.815	2.121	1.568	1.246	0.7432	1.282	1.758	2.388
96.0	1.081	1.172	1.654	2.035	1.548	1.221	0.6783	1.181	1.755	2.287
99.0	1.055	1.176	1.583	1.965	1.546	1.196	0.6634	1.146	1.753	2.262
102.0	1.046	1.180	1.543	1.879	1.545	1.211	0.6735	1.148	1.750	2.252
105.0	1.053	1.184	1.538	1.799	1.543	1.246	0.7087	1.150	1.747	2.232
108.0	1.059	1.191	1.528	1.688	1.541	1.272	0.7441	1.153	1.745	2.196
111.0	1.065	1.226	1.509	1.638	1.540	1.297	0.7993	1.156	1.742	2.181
114.0	1.090	1.241	1.503	1.612	1.540	1.327	0.8495	1.160	1.740	2.166
117.0	1.131	1.267	1.498	1.611	1.540	1.352	0.8897	1.176	1.724	2.126
120.0	1.161	1.297	1.498	1.609	1.541	1.372	0.9450	1.191	1.704	2.091
123.0	1.201	1.317	1.499	1.607	1.542	1.397	0.9853	1.201	1.684	2.046
126.0	1.236	1.347	1.499	1.605	1.543	1.417	1.046	1.226	1.668	2.000
129.0	1.276	1.367	1.500	1.603	1.544	1.452	1.091	1.246	1.643	1.945
132.0	1.322	1.392	1.501	1.601	1.545	1.473	1.146	1.253	1.633	1.895
135.0	1.342	1.422	1.501	1.599	1.545	1.498	1.196	1.260	1.588	1.830
138.0	1.397	1.448	1.502	1.597	1.546	1.528	1.247	1.266	1.566	1.764
141.0	1.417	1.478	1.502	1.595	1.547	1.553	1.307	1.301	1.553	1.704
144.0	1.452	1.508	1.508	1.593	1.548	1.583	1.352	1.327	1.549	1.659
147.0	1.493	1.543	1.518	1.608	1.569	1.593	1.397	1.362	1.545	1.613
150.0	1.518	1.573	1.563	1.623	1.578	1.623	1.458	1.407	1.542	1.583
153.0	1.548	1.593	1.573	1.654	1.618	1.654	1.498	1.447	1.538	1.568
156.0	1.569	1.623	1.583	1.674	1.653	1.679	1.548	1.488	1.553	1.567
159.0	1.598	1.649	1.628	1.699	1.659	1.709	1.583	1.523	1.583	1.565
162.0	1.635	1.679	1.638	1.724	1.668	1.734	1.614	1.563	1.618	1.564
165.0	1.656	1.704	1.663	1.731	1.703	1.740	1.664	1.603	1.654	1.588
168.0	1.679	1.724	1.679	1.734	1.724	1.741	1.694	1.648	1.689	1.621
171.0	1.709	1.739	1.719	1.738	1.729	1.742	1.717	1.658	1.724	1.660
174.0	1.724	1.748	1.724	1.741	1.735	1.743	1.737	1.689	1.749	1.684
177.0	1.734	1.754	1.729	1.744	1.739	1.744	1.744	1.729	1.754	1.734
180.0	1.744	1.749	1.729	1.744	1.744	1.744	1.739	1.739	1.754	1.749
G/C	300.0	330.0								
0.0	86.86	86.83								
3.0	86.84	86.91								
6.0	86.60	86.74								
9.0	86.09	86.22								
12.0	85.37	85.42								
15.0	84.45	84.39								
18.0	83.33	83.04								
21.0	82.03	81.52								
24.0	80.59	79.77								
27.0	78.88	77.71								
30.0	76.88	75.48								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: HXJ  
 Test Date: 2022-03-28

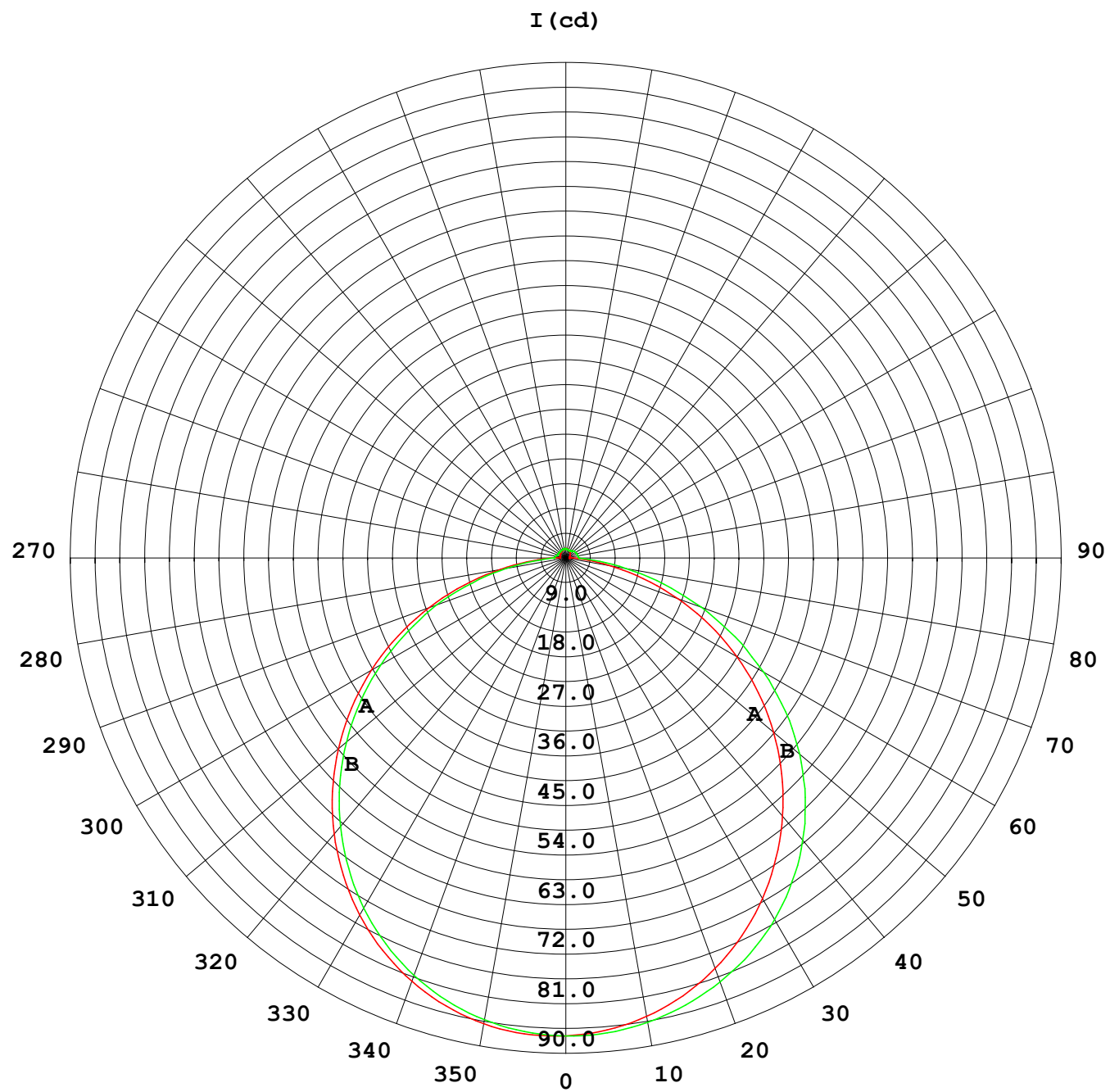
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

33.0	74.59	73.14
36.0	72.03	70.46
39.0	69.16	67.73
42.0	66.00	64.77
45.0	62.54	61.66
48.0	58.86	58.19
51.0	55.01	54.46
54.0	50.96	50.60
57.0	46.77	46.49
60.0	42.43	42.15
63.0	37.96	37.84
66.0	33.46	33.43
69.0	28.85	28.95
72.0	24.15	24.44
75.0	19.56	19.91
78.0	15.11	15.51
81.0	10.92	11.44
84.0	7.194	7.676
87.0	4.325	4.662
90.0	2.711	2.834
93.0	2.241	1.881
96.0	2.191	1.614
99.0	2.151	1.488
102.0	2.131	1.382
105.0	2.120	1.302
108.0	2.066	1.226
111.0	2.000	1.166
114.0	1.950	1.131
117.0	1.874	1.091
120.0	1.809	1.092
123.0	1.754	1.094
126.0	1.693	1.096
129.0	1.638	1.097
132.0	1.573	1.099
135.0	1.518	1.116
138.0	1.482	1.156
141.0	1.479	1.196
144.0	1.475	1.241
147.0	1.471	1.286
150.0	1.468	1.347
153.0	1.478	1.402
156.0	1.508	1.437
159.0	1.558	1.492
162.0	1.593	1.518
165.0	1.623	1.568
168.0	1.669	1.603
171.0	1.704	1.638
174.0	1.716	1.663
177.0	1.749	1.718
180.0	1.749	1.739

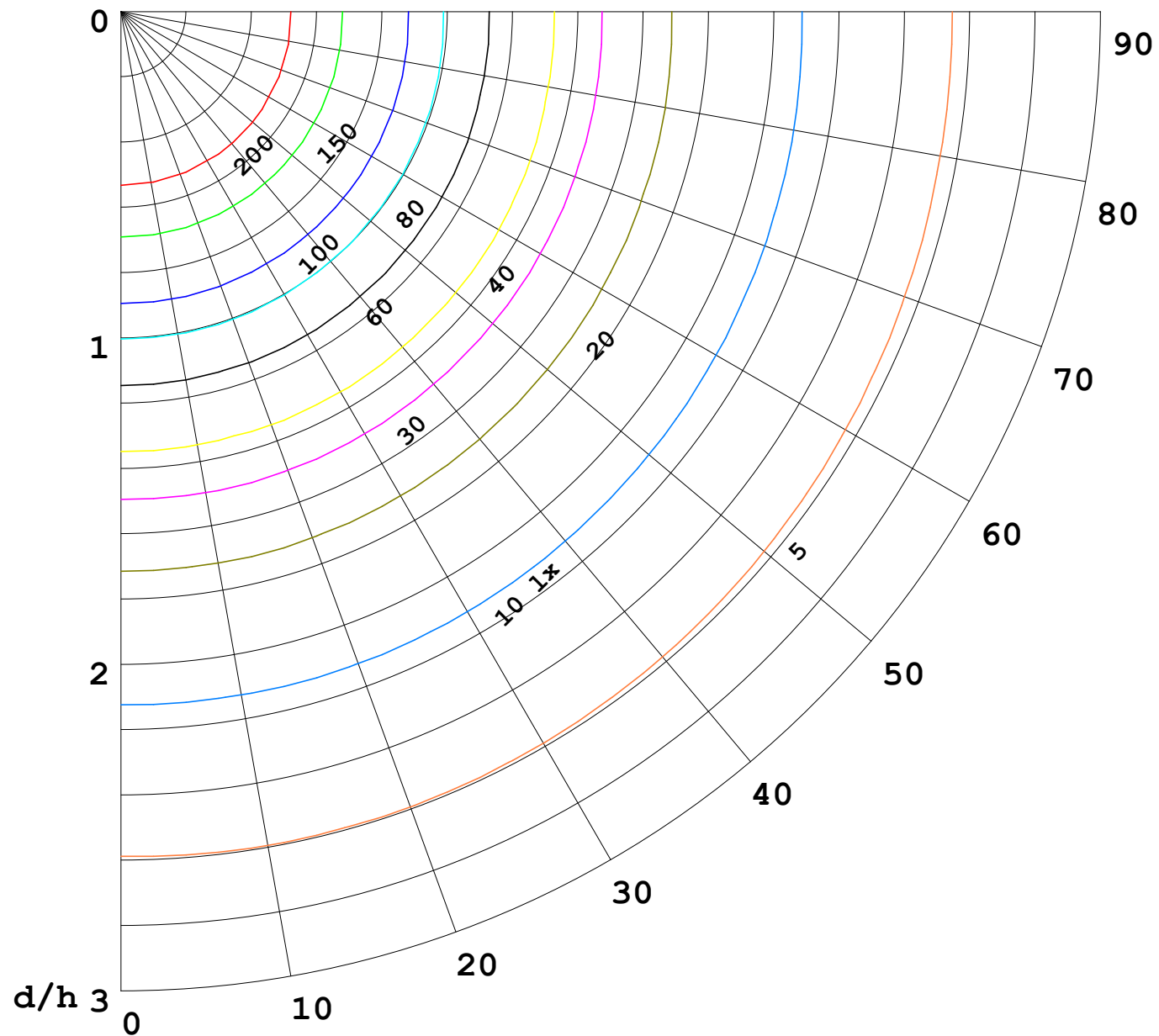
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

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:



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

