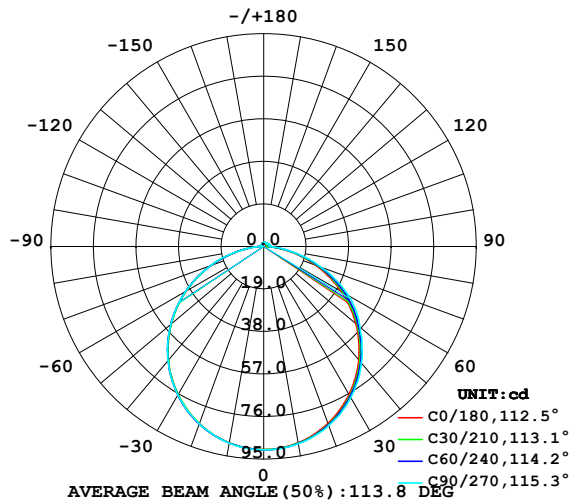


## LUMINAIRE PHOTOMETRIC TEST REPORT

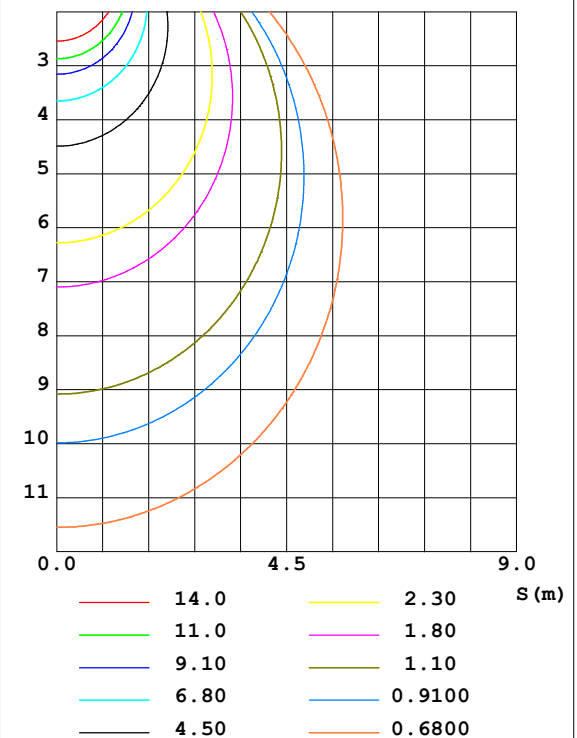
Test:U:24.00V I:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 34.24 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	90.90	S/MH (C0/180)	1.25
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	272.73	η UP, DN (C0-180)	2.1, 48.8
NOMINAL FLUX (lm)	272.713	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 47.8
LAMPS INSIDE	1	η up (%)	3.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



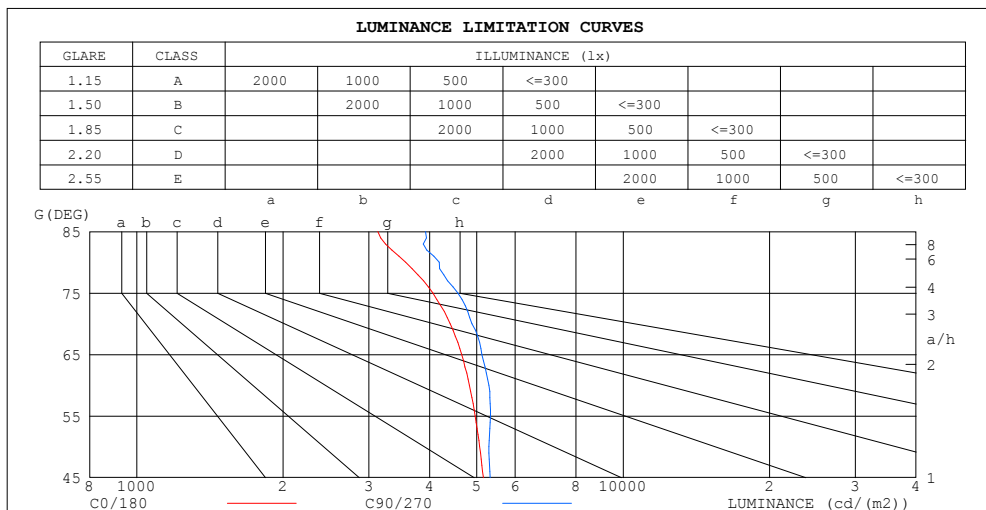
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HXJ  
Test Date: 2022-03-28

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	89.00	89.27	89.48	89.41	89.05	89.11	89.15	89.20	0- 10	8.593	8.593	3.15,3.15
20	84.07	84.67	85.13	84.84	84.23	84.27	84.33	84.35	10- 20	24.62	33.21	12.2,12.2
30	76.31	77.18	77.90	77.39	76.55	76.59	76.63	76.61	20- 30	37.35	70.56	25.9,25.9
40	66.09	67.14	68.00	67.33	66.28	66.38	66.57	66.37	30- 40	45.12	115.7	42.4,42.4
50	53.77	54.98	56.21	55.13	54.00	54.13	54.26	54.05	40- 50	46.96	162.6	59.6,59.6
60	39.85	41.48	43.69	41.17	40.09	40.24	40.25	40.11	50- 60	42.79	205.4	75.3,75.3
70	24.88	26.23	27.60	26.06	25.19	25.16	25.26	25.12	60- 70	32.97	238.4	87.4,87.4
80	10.24	11.12	12.00	11.10	10.43	10.27	10.70	10.24	70- 80	19.08	257.5	94.4,94.4
90	1.592	2.342	2.739	2.227	1.529	1.445	1.579	1.249	80- 90	5.756	263.2	96.5,96.5
100	0.9834	2.010	2.628	1.817	0.7445	1.035	1.322	0.8833	90-100	1.649	264.9	97.1,97.1
110	1.095	1.970	2.533	1.812	0.7942	1.052	1.273	0.9549	100-110	1.512	266.4	97.7,97.7
120	1.241	1.906	2.292	1.772	0.9450	1.131	1.279	1.060	110-120	1.437	267.8	98.2,98.2
130	1.362	1.826	2.081	1.717	1.121	1.244	1.327	1.186	120-130	1.320	269.2	98.7,98.7
140	1.493	1.767	1.910	1.676	1.302	1.362	1.407	1.324	130-140	1.166	270.3	99.1,99.1
150	1.583	1.748	1.832	1.698	1.478	1.485	1.503	1.473	140-150	0.9806	271.3	99.5,99.5
160	1.688	1.764	1.824	1.750	1.629	1.631	1.613	1.613	150-160	0.7608	272.1	99.8,99.8
170	1.769	1.803	1.828	1.813	1.774	1.756	1.734	1.741	160-170	0.4907	272.6	99.9,99.9
180	1.824	1.822	1.829	1.819	1.829	1.814	1.814	1.817	170-180	0.1714	272.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3129	3925
80	3573	4190
75	4062	4575
70	4408	4891
65	4653	5122
60	4830	5296
55	4962	5334
50	5069	5300
45	5158	5331

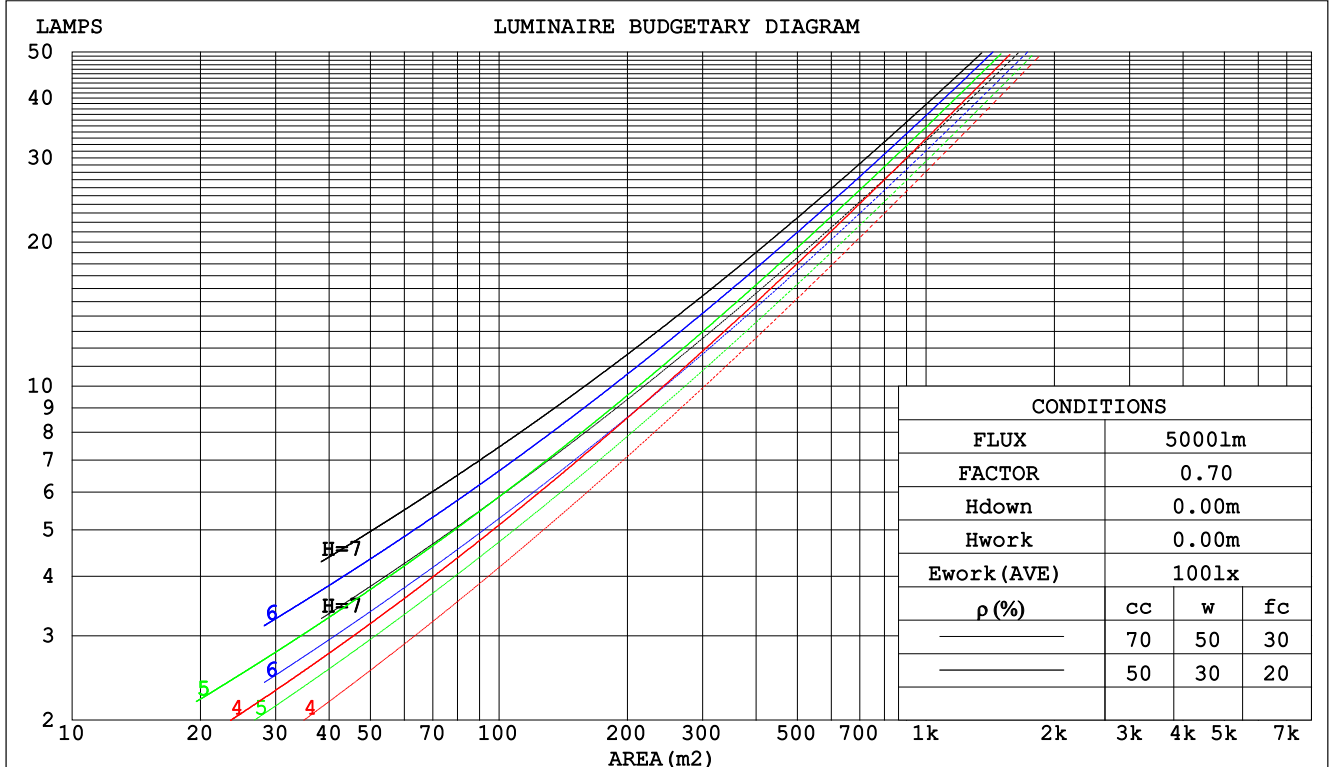
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-28

$\gamma$  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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
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	1.18	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	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.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

$\gamma$  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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	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	.313	.178	.056	.305	.174	.055	.290	.166	.053	.276	.159	.051	.263	.152	.049		
2.0	.293	.161	.049	.286	.157	.049	.272	.151	.047	.260	.146	.046	.248	.140	.044		
3.0	.271	.144	.043	.264	.142	.043	.252	.137	.042	.241	.132	.041	.231	.128	.040		
4.0	.249	.130	.038	.244	.128	.038	.233	.124	.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	.106	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.199	.098	.028	.194	.097	.028	.187	.094	.027	.179	.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	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.217	.217	.217	.185	.185	.185	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.207	.183	.161	.177	.157	.138	.121	.108	.096	.070	.062	.056	.022	.020	.018	
2.0	.199	.159	.125	.171	.137	.108	.117	.095	.075	.067	.055	.044	.022	.018	.014	
3.0	.192	.141	.101	.164	.122	.088	.113	.085	.062	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.085	.158	.111	.074	.109	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.074	.152	.102	.065	.105	.071	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.095	.058	.101	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.163	.103	.061	.140	.089	.053	.097	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.156	.097	.056	.135	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.150	.092	.053	.129	.080	.046	.090	.056	.033	.052	.033	.019	.017	.011	.006	
10.0	.145	.088	.050	.125	.076	.044	.086	.054	.031	.050	.032	.019	.016	.010	.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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm											
NAME: SF16-24V-2835-120-3000+5700-80-3000						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		18.3	19.8	18.6	20.0	20.3	18.6	20.1	18.9	20.3	20.6
	3H	19.8	21.2	20.2	21.5	21.8	20.2	21.6	20.5	21.9	22.2
	4H	20.4	21.7	20.8	22.0	22.3	20.8	22.1	21.2	22.5	22.8
	6H	20.8	22.0	21.2	22.4	22.7	21.3	22.5	21.7	22.9	23.2
	8H	20.9	22.1	21.3	22.4	22.8	21.4	22.6	21.8	23.0	23.3
	12H	21.0	22.1	21.4	22.5	22.9	21.5	22.7	22.0	23.0	23.4
4H	2H	18.9	20.2	19.3	20.5	20.9	19.2	20.5	19.5	20.8	21.1
	3H	20.6	21.8	21.0	22.1	22.5	21.0	22.1	21.4	22.4	22.8
	4H	21.4	22.4	21.8	22.8	23.2	21.7	22.8	22.2	23.1	23.5
	6H	21.9	22.8	22.3	23.2	23.7	22.3	23.2	22.8	23.6	24.1
	8H	22.1	22.9	22.5	23.3	23.8	22.5	23.4	23.0	23.8	24.3
	12H	22.2	22.9	22.6	23.4	23.9	22.7	23.4	23.1	23.9	24.4
8H	4H	21.6	22.5	22.1	22.9	23.4	22.0	22.8	22.4	23.3	23.7
	6H	22.3	23.0	22.8	23.5	24.0	22.7	23.4	23.2	23.9	24.4
	8H	22.6	23.2	23.1	23.7	24.2	23.0	23.6	23.5	24.1	24.6
	12H	22.8	23.3	23.3	23.8	24.4	23.2	23.8	23.8	24.3	24.8
12H	4H	21.7	22.4	22.1	22.9	23.4	22.0	22.8	22.5	23.2	23.7
	6H	22.4	23.0	22.9	23.5	24.0	22.7	23.4	23.3	23.9	24.4
	8H	22.7	23.2	23.2	23.7	24.3	23.1	23.6	23.6	24.1	24.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 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 272.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.5)

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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

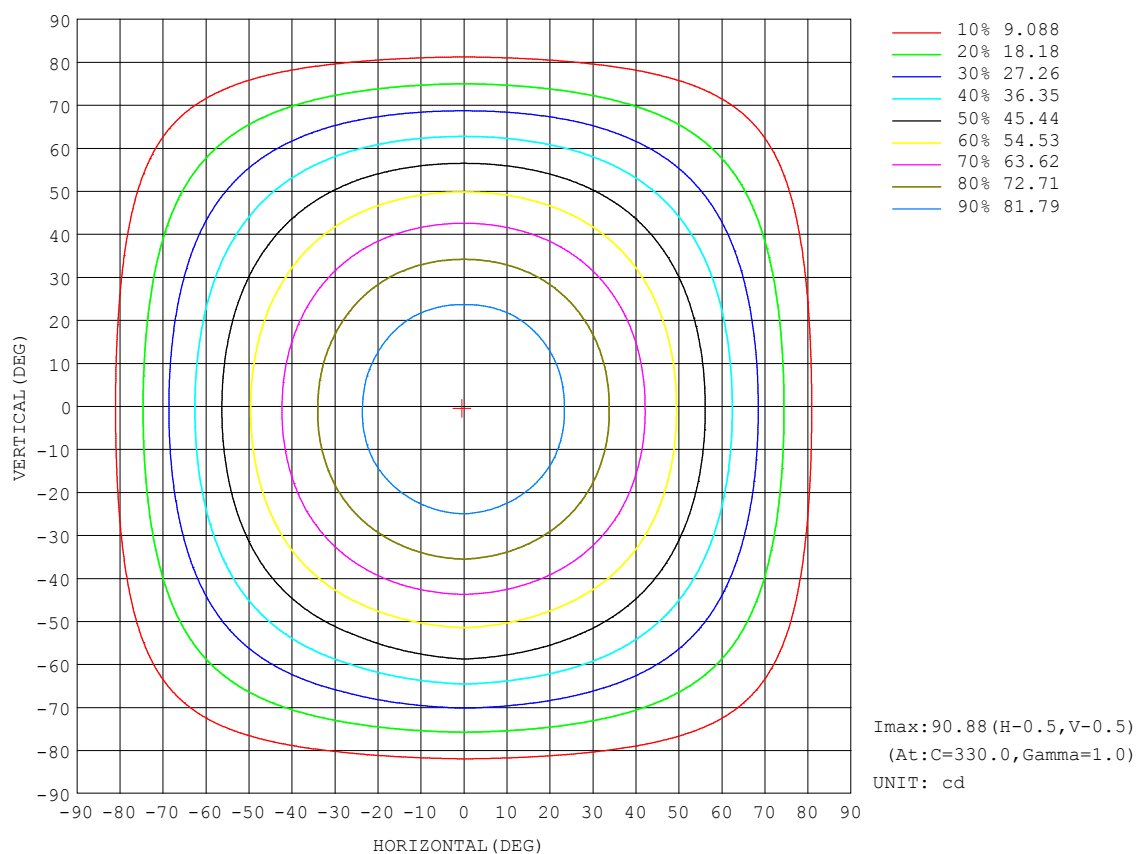
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	87	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	107	102	98	105	100	96	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: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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

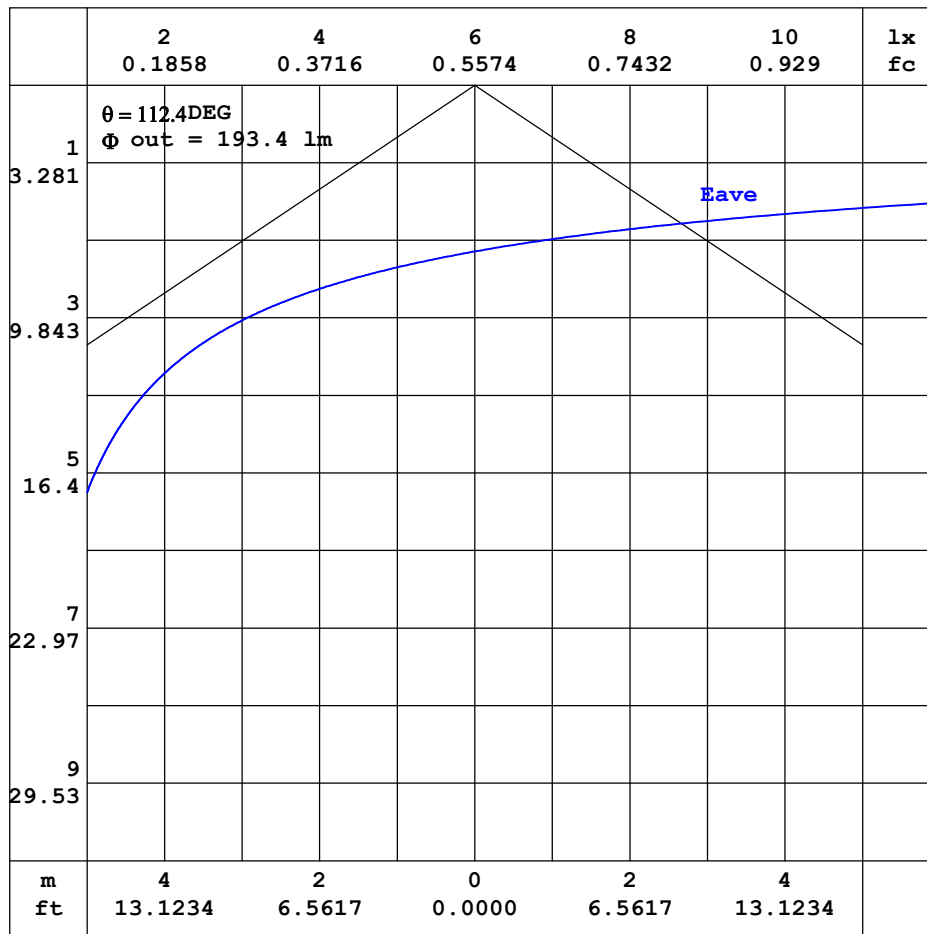


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HXJ  
Test Date: 2022-03-28

$\gamma$  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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	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.

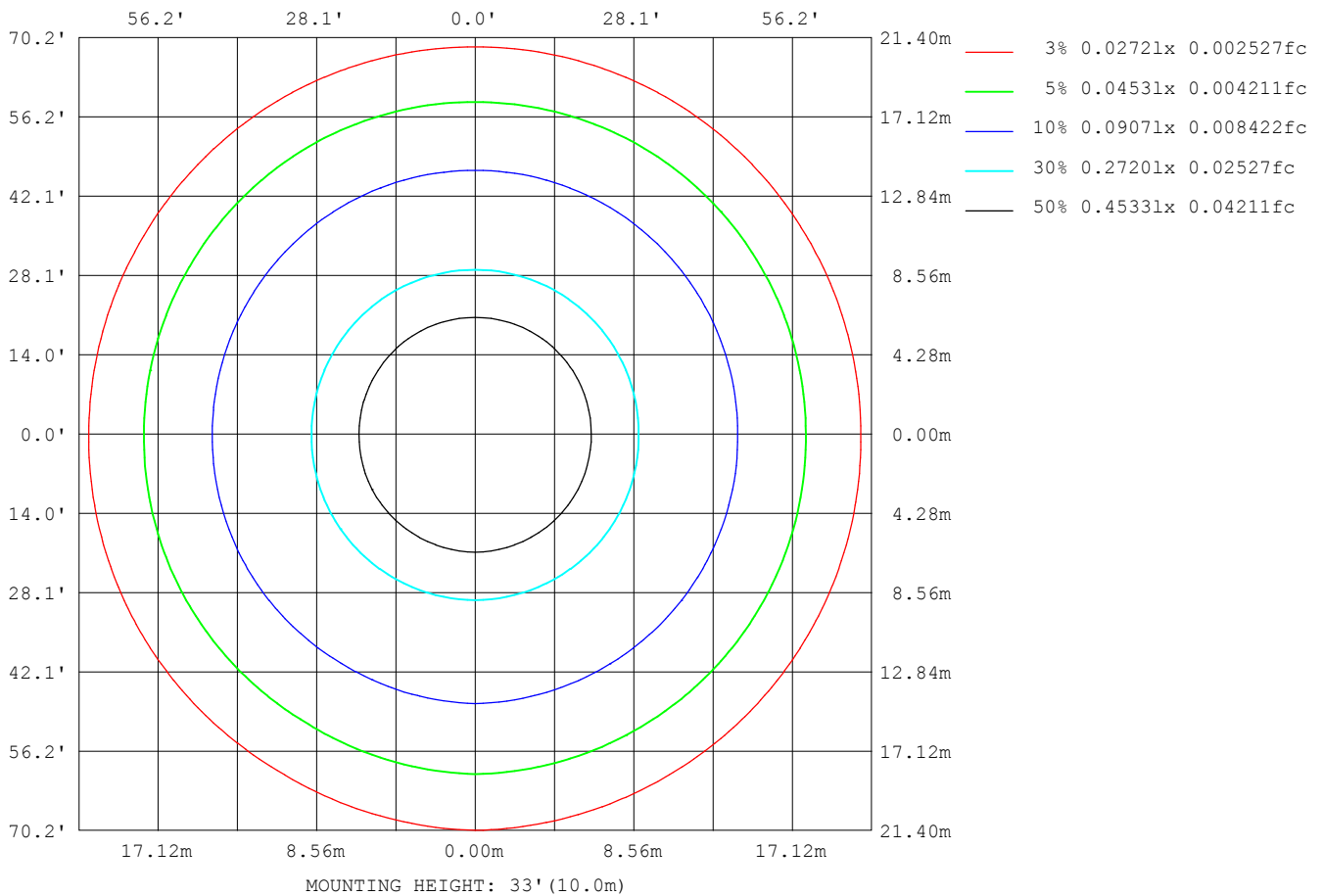
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HXJ  
Test Date: 2022-03-28

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

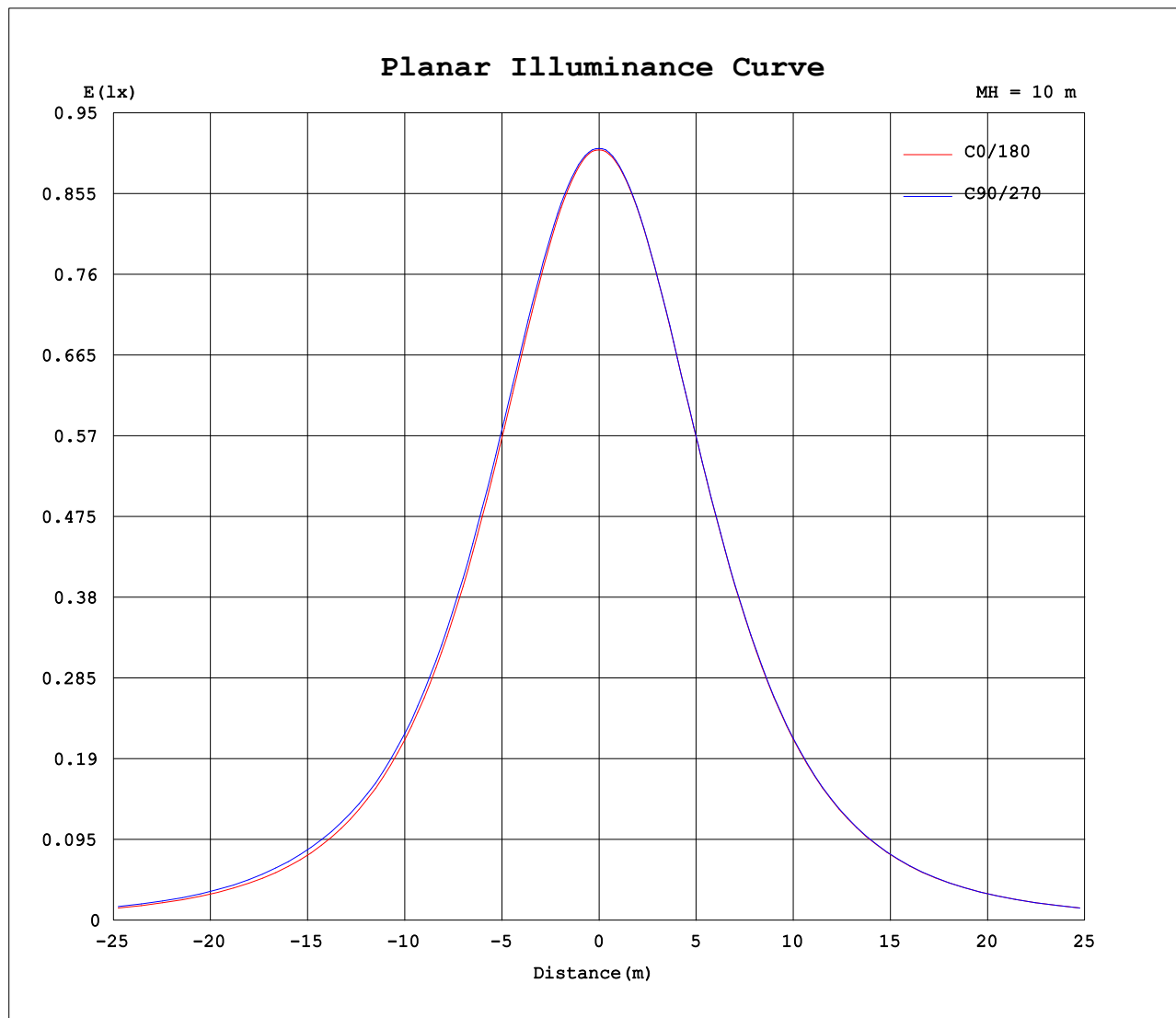
Test:U:24.00V I:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.: 2022032801
MFR.: OLYMPIA	SUR.: 1*0.0165	PROTECTION ANGLE:



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:0.3319A P:7.965W PF:1.000 Lamp Flux:272.713x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-3000	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	90.7	90.7	90.8	90.8	90.9	90.9	90.7	90.7	90.8	90.8	90.9	90.9						
5	90.3	90.4	90.5	90.5	90.6	90.5	90.3	90.3	90.4	90.4	90.4	90.5						
10	89.0	89.2	89.3	89.5	89.4	89.4	89.0	89.1	89.1	89.1	89.2	89.2						
15	86.9	87.3	87.4	87.7	87.5	87.5	87.0	87.0	87.1	87.1	87.2	87.1						
20	84.1	84.6	84.8	85.1	84.9	84.8	84.2	84.2	84.4	84.3	84.4	84.3						
25	80.5	81.1	81.4	81.8	81.5	81.4	80.7	80.6	80.9	80.9	80.9	80.7						
30	76.3	77.0	77.3	77.9	77.5	77.3	76.5	76.4	76.7	76.6	76.7	76.5						
35	71.5	72.2	72.6	73.3	72.8	72.4	71.7	71.6	71.9	71.9	71.9	71.6						
40	66.1	66.9	67.4	68.0	67.6	67.1	66.3	66.2	66.5	66.6	66.5	66.2						
45	60.2	61.0	61.6	62.2	61.7	61.2	60.4	60.4	60.6	60.7	60.6	60.3						
50	53.8	54.7	55.3	56.2	55.4	54.9	54.0	54.0	54.3	54.3	54.2	53.9						
55	47.0	47.9	49.0	50.5	48.6	48.0	47.2	47.2	47.5	47.5	47.4	47.1						
60	39.8	40.8	42.1	43.7	41.4	40.9	40.1	40.1	40.4	40.3	40.3	39.9						
65	32.4	33.4	34.4	35.7	33.9	33.5	32.7	32.6	33.0	32.9	32.9	32.5						
70	24.9	25.8	26.6	27.6	26.2	25.9	25.2	25.0	25.4	25.3	25.3	24.9						
75	17.3	18.2	18.9	19.5	18.7	18.2	17.6	17.3	17.7	18.1	17.6	17.3						
80	10.2	10.9	11.3	12.0	11.3	10.9	10.4	10.2	10.4	10.7	10.3	10.2						
85	4.50	5.10	5.27	5.64	5.13	5.05	4.65	4.36	4.32	4.40	4.38	4.25						
90	1.59	2.08	2.61	2.74	2.40	2.05	1.53	1.51	1.39	1.58	1.24	1.25						
95	0.99	1.71	2.45	2.70	2.19	1.51	0.77	1.01	1.15	1.47	1.03	0.71						
100	0.98	1.57	2.45	2.63	2.17	1.46	0.74	0.93	1.14	1.32	1.04	0.73						
105	1.03	1.59	2.39	2.57	2.16	1.45	0.73	0.92	1.16	1.29	1.06	0.75						
110	1.10	1.60	2.34	2.53	2.15	1.47	0.79	0.92	1.18	1.27	1.10	0.81						
115	1.16	1.61	2.27	2.41	2.10	1.50	0.86	0.95	1.21	1.28	1.14	0.87						
120	1.24	1.62	2.20	2.29	2.02	1.52	0.95	1.02	1.25	1.28	1.19	0.93						
125	1.32	1.62	2.12	2.20	1.95	1.55	1.03	1.08	1.29	1.29	1.22	1.01						
130	1.36	1.62	2.03	2.08	1.87	1.56	1.12	1.16	1.33	1.33	1.28	1.09						
135	1.43	1.63	1.97	2.00	1.81	1.58	1.21	1.21	1.38	1.36	1.33	1.17						
140	1.49	1.63	1.90	1.91	1.75	1.60	1.30	1.30	1.43	1.41	1.39	1.26						
145	1.53	1.64	1.85	1.84	1.72	1.64	1.39	1.38	1.48	1.45	1.45	1.34						
150	1.58	1.67	1.83	1.83	1.73	1.67	1.48	1.45	1.52	1.50	1.52	1.42						
155	1.64	1.71	1.81	1.82	1.73	1.71	1.56	1.52	1.59	1.56	1.59	1.51						
160	1.69	1.74	1.78	1.82	1.74	1.76	1.63	1.59	1.67	1.61	1.65	1.58						
165	1.73	1.79	1.79	1.83	1.75	1.80	1.71	1.66	1.73	1.67	1.71	1.65						
170	1.77	1.81	1.80	1.83	1.81	1.82	1.77	1.72	1.79	1.73	1.78	1.70						
175	1.82	1.83	1.81	1.83	1.82	1.82	1.82	1.76	1.81	1.79	1.82	1.75						
180	1.82	1.83	1.81	1.83	1.81	1.82	1.83	1.81	1.82	1.81	1.82	1.81						

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	90.65	90.72	90.78	90.84	90.87	90.90	90.65	90.72	90.78	90.84
3.0	90.55	90.60	90.71	90.74	90.81	90.78	90.52	90.58	90.62	90.71
6.0	90.08	90.20	90.30	90.38	90.40	90.38	90.08	90.13	90.18	90.23
9.0	89.31	89.48	89.63	89.74	89.72	89.68	89.35	89.36	89.43	89.50
12.0	88.26	88.56	88.68	88.85	88.78	88.74	88.35	88.30	88.43	88.42
15.0	86.92	87.27	87.45	87.69	87.55	87.46	87.04	87.00	87.15	87.07
18.0	85.31	85.72	85.97	86.23	86.06	85.93	85.46	85.36	85.57	85.47
21.0	83.44	83.92	84.15	84.50	84.29	84.16	83.61	83.49	83.74	83.63
24.0	81.30	81.86	82.16	82.58	82.27	82.09	81.48	81.43	81.65	81.52
27.0	78.91	79.54	79.87	80.34	80.01	79.78	79.13	78.96	79.31	79.20
30.0	76.31	77.02	77.34	77.90	77.51	77.28	76.55	76.43	76.74	76.63
33.0	73.47	74.22	74.64	75.17	74.75	74.45	73.69	73.64	73.92	73.83
36.0	70.48	71.17	71.66	72.27	71.81	71.37	70.63	70.60	70.87	70.87
39.0	67.23	67.99	68.49	69.01	68.67	68.22	67.40	67.35	67.64	67.65
42.0	63.76	64.57	65.15	65.79	65.29	64.81	63.96	63.94	64.23	64.20
45.0	60.18	60.99	61.64	62.19	61.73	61.20	60.36	60.37	60.62	60.66
48.0	56.37	57.27	57.83	58.55	57.99	57.50	56.59	56.44	56.87	56.87
51.0	52.44	53.36	54.00	55.12	54.06	53.55	52.66	52.61	52.96	52.92
54.0	48.34	49.28	50.28	51.66	49.99	49.45	48.59	48.46	48.89	48.89
57.0	44.17	45.15	46.32	47.85	45.78	45.25	44.41	44.23	44.71	44.66
60.0	39.85	40.81	42.15	43.69	41.44	40.91	40.09	40.10	40.38	40.25
63.0	35.43	36.35	37.67	38.97	36.97	36.45	35.69	35.56	35.96	35.88
66.0	30.95	31.90	32.82	34.24	32.36	31.96	31.23	31.02	31.46	31.36
69.0	26.42	27.40	28.28	29.37	27.75	27.36	26.71	26.60	26.87	26.72
72.0	21.86	22.71	23.50	24.42	23.20	22.76	22.12	21.98	22.25	22.54
75.0	17.35	18.23	18.93	19.54	18.74	18.23	17.62	17.34	17.69	18.08
78.0	12.97	13.75	14.37	14.67	14.25	13.72	13.25	13.06	13.25	13.43
81.0	8.934	9.598	9.985	10.54	9.870	9.553	9.137	8.930	9.036	9.333
84.0	5.476	6.047	6.281	6.794	6.156	6.032	5.627	5.373	5.325	5.514
87.0	3.008	3.523	3.657	3.927	3.496	3.483	3.080	2.941	2.648	2.546
90.0	1.592	2.079	2.606	2.739	2.400	2.053	1.529	1.505	1.385	1.579
93.0	1.041	1.763	2.453	2.724	2.227	1.558	0.8637	1.056	1.161	1.493
96.0	0.9801	1.682	2.450	2.699	2.181	1.488	0.7639	0.9952	1.146	1.438
99.0	0.9825	1.600	2.448	2.638	2.174	1.461	0.7466	0.9500	1.131	1.332
102.0	0.9850	1.583	2.427	2.618	2.169	1.458	0.7403	0.9198	1.141	1.307
105.0	1.025	1.589	2.392	2.568	2.164	1.455	0.7339	0.9198	1.161	1.292
108.0	1.080	1.598	2.352	2.548	2.156	1.458	0.7690	0.9197	1.171	1.272
111.0	1.111	1.598	2.322	2.493	2.136	1.488	0.8043	0.9277	1.186	1.273
114.0	1.152	1.613	2.282	2.432	2.106	1.498	0.8495	0.9398	1.206	1.275
117.0	1.191	1.612	2.242	2.362	2.071	1.508	0.8947	0.9749	1.226	1.277
120.0	1.241	1.616	2.196	2.292	2.021	1.523	0.9450	1.015	1.246	1.279
123.0	1.276	1.617	2.146	2.226	1.980	1.538	0.9903	1.045	1.277	1.281
126.0	1.327	1.619	2.096	2.156	1.940	1.543	1.041	1.086	1.297	1.302
129.0	1.352	1.621	2.051	2.116	1.890	1.555	1.096	1.131	1.317	1.323
132.0	1.397	1.623	2.005	2.046	1.850	1.568	1.151	1.171	1.347	1.333
135.0	1.427	1.625	1.965	2.000	1.809	1.583	1.211	1.211	1.377	1.362
138.0	1.457	1.628	1.930	1.950	1.769	1.593	1.267	1.256	1.402	1.402
141.0	1.498	1.633	1.895	1.890	1.744	1.613	1.317	1.317	1.432	1.407
144.0	1.523	1.643	1.860	1.844	1.724	1.628	1.372	1.352	1.468	1.442
147.0	1.563	1.659	1.840	1.838	1.726	1.654	1.428	1.402	1.503	1.467
150.0	1.583	1.669	1.827	1.832	1.727	1.669	1.478	1.452	1.518	1.503
153.0	1.618	1.694	1.819	1.826	1.728	1.699	1.533	1.498	1.583	1.518
156.0	1.643	1.709	1.808	1.824	1.729	1.719	1.578	1.553	1.613	1.563
159.0	1.674	1.739	1.794	1.824	1.739	1.749	1.613	1.578	1.654	1.598
162.0	1.723	1.759	1.786	1.824	1.746	1.784	1.659	1.643	1.684	1.643
165.0	1.734	1.789	1.790	1.825	1.754	1.804	1.709	1.658	1.729	1.673
168.0	1.754	1.799	1.794	1.828	1.794	1.814	1.749	1.704	1.769	1.724
171.0	1.774	1.819	1.798	1.828	1.809	1.818	1.774	1.729	1.789	1.749
174.0	1.814	1.824	1.809	1.829	1.817	1.821	1.804	1.754	1.807	1.764
177.0	1.819	1.829	1.814	1.829	1.814	1.824	1.824	1.784	1.819	1.809
180.0	1.824	1.829	1.814	1.829	1.814	1.824	1.829	1.809	1.819	1.814
G/C	300.0	330.0								
0.0	90.87	90.90								
3.0	90.70	90.79								
6.0	90.24	90.31								
9.0	89.51	89.54								
12.0	88.50	88.49								
15.0	87.20	87.11								
18.0	85.60	85.52								
21.0	83.80	83.63								
24.0	81.69	81.45								
27.0	79.31	79.11								
30.0	76.74	76.47								

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:

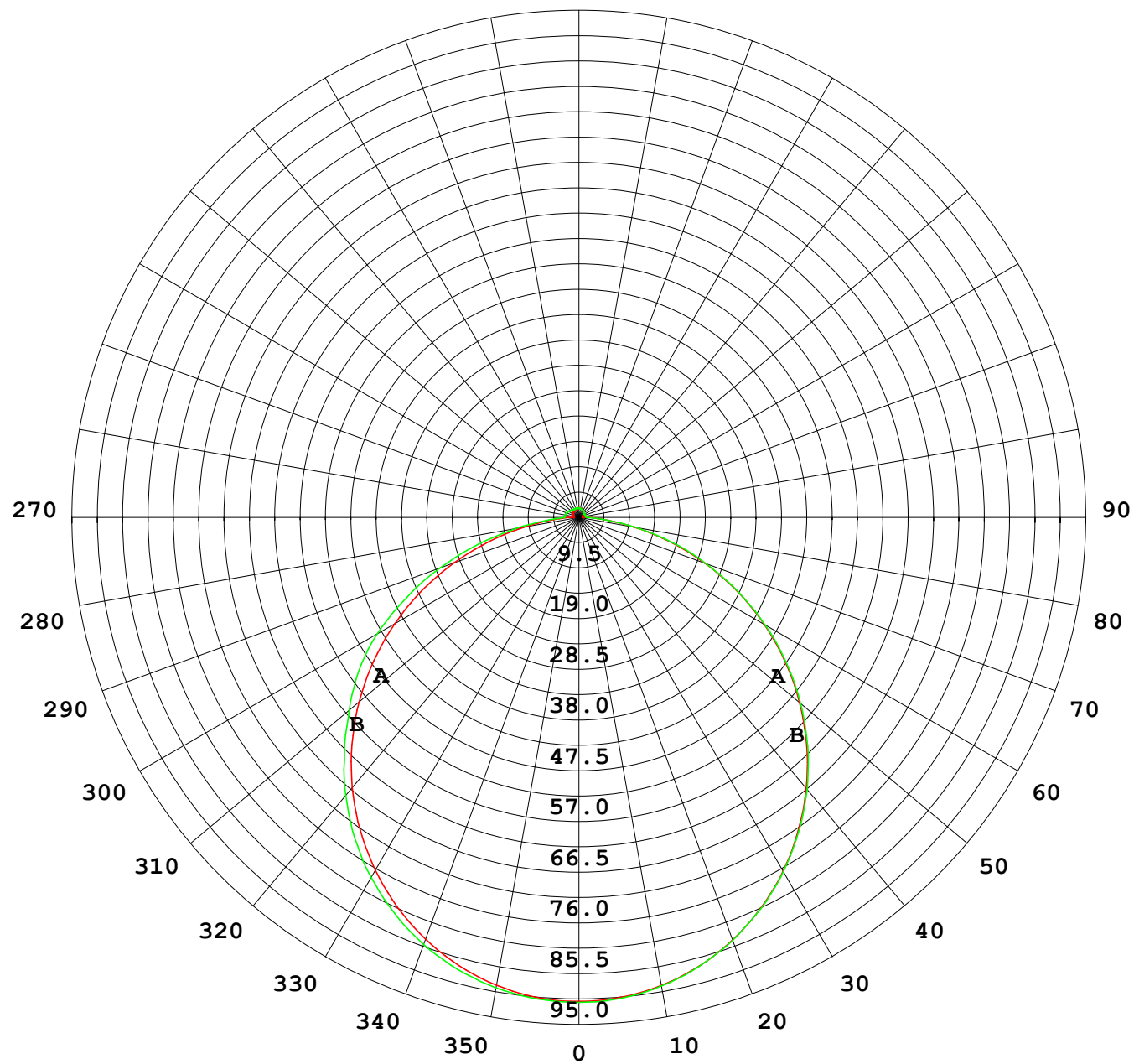
Photometric Data Table [cd]

33.0	73.90	73.64
36.0	70.84	70.64
39.0	67.61	67.36
42.0	64.18	63.89
45.0	60.57	60.33
48.0	56.81	56.53
51.0	52.90	52.56
54.0	48.82	48.52
57.0	44.63	44.28
60.0	40.29	39.93
63.0	35.86	35.58
66.0	31.38	31.06
69.0	26.83	26.44
72.0	22.19	21.91
75.0	17.64	17.35
78.0	13.19	12.90
81.0	9.006	8.860
84.0	5.385	5.278
87.0	2.627	2.655
90.0	1.245	1.254
93.0	1.053	0.7545
96.0	1.020	0.7087
99.0	1.035	0.7218
102.0	1.045	0.7349
105.0	1.061	0.7538
108.0	1.086	0.7839
111.0	1.111	0.8341
114.0	1.141	0.8593
117.0	1.161	0.9144
120.0	1.186	0.9347
123.0	1.201	0.9899
126.0	1.236	1.025
129.0	1.272	1.090
132.0	1.297	1.116
135.0	1.332	1.166
138.0	1.372	1.231
141.0	1.402	1.266
144.0	1.432	1.327
147.0	1.478	1.372
150.0	1.523	1.422
153.0	1.558	1.477
156.0	1.588	1.518
159.0	1.629	1.573
162.0	1.679	1.603
165.0	1.714	1.648
168.0	1.749	1.684
171.0	1.784	1.714
174.0	1.814	1.744
177.0	1.824	1.774
180.0	1.824	1.809

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

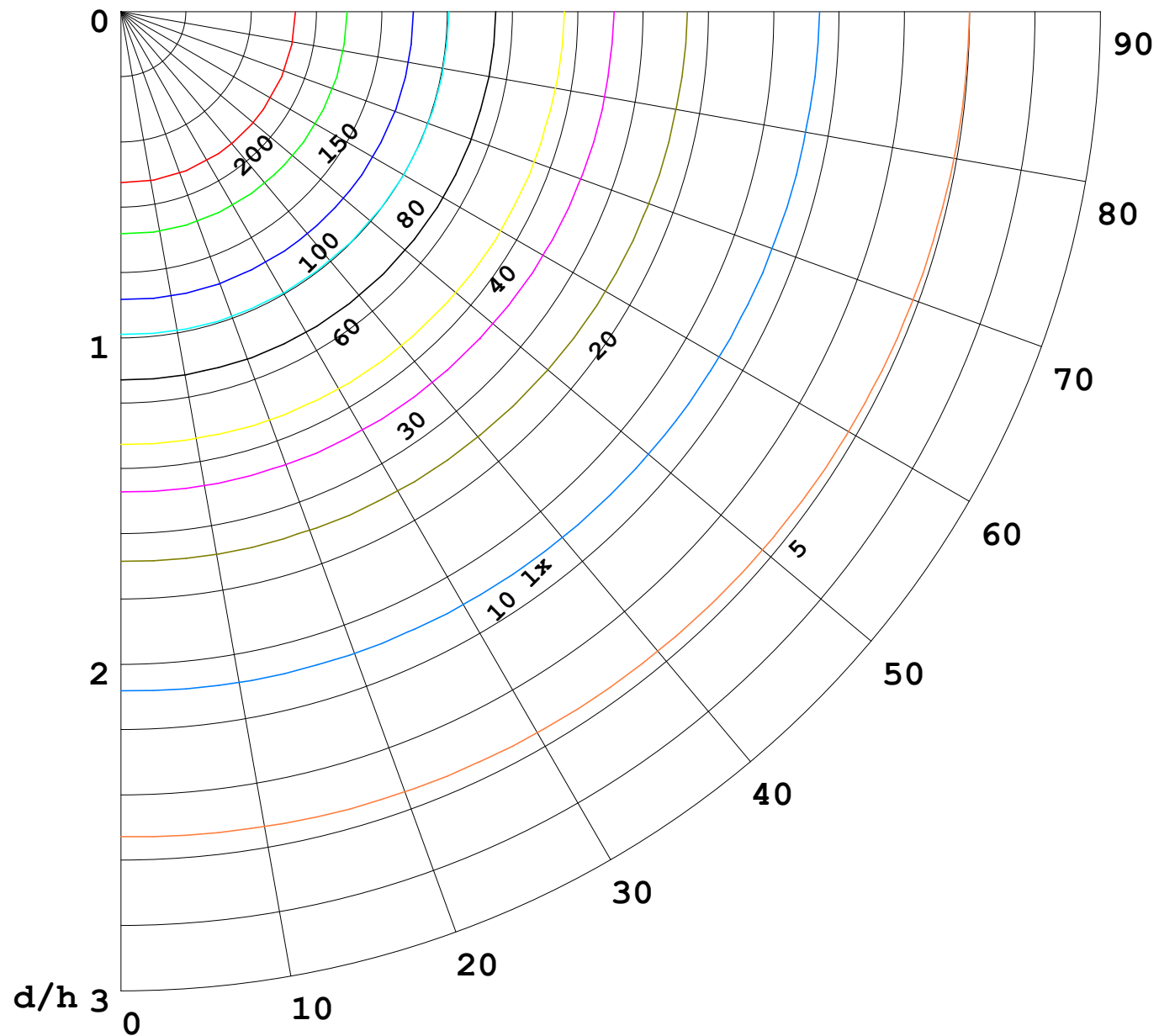
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:9.200m [K=1.0000]  
 Remarks:

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

