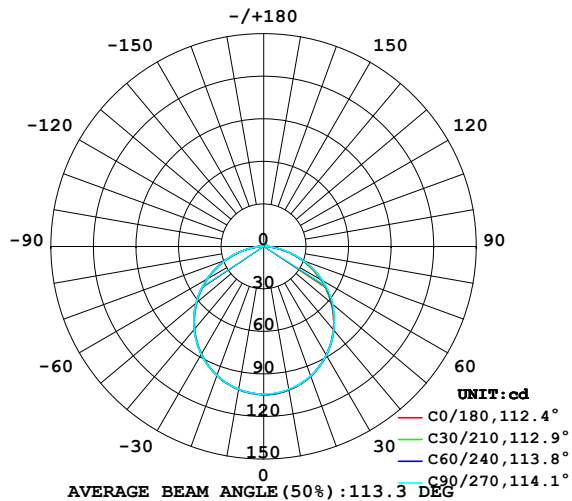


LUMINAIRE PHOTOMETRIC TEST REPORT

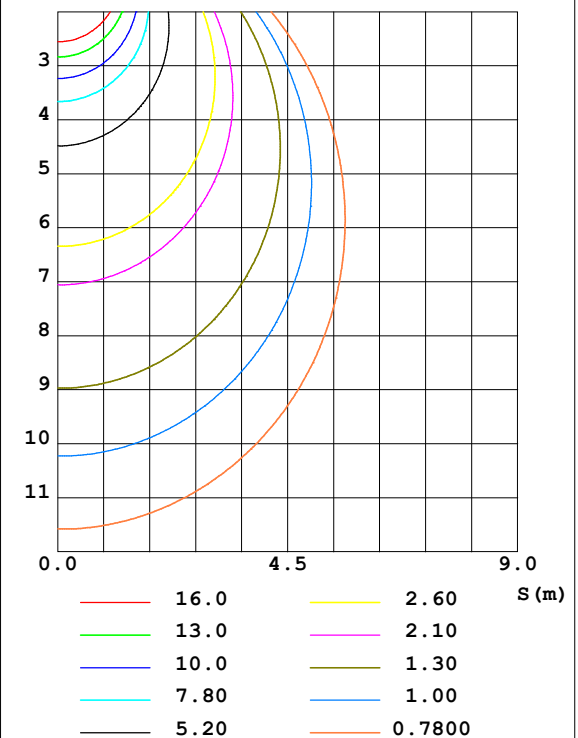
Test:U:24.00V I:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.53 lm/W			
MODEL	2835	I _{max} (cd)	104.6	S/MH (C0/180)	1.26
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	311.93	η UP, DN (C0-180)	1.9, 48.5
NOMINAL FLUX (lm)	311.919	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.1
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



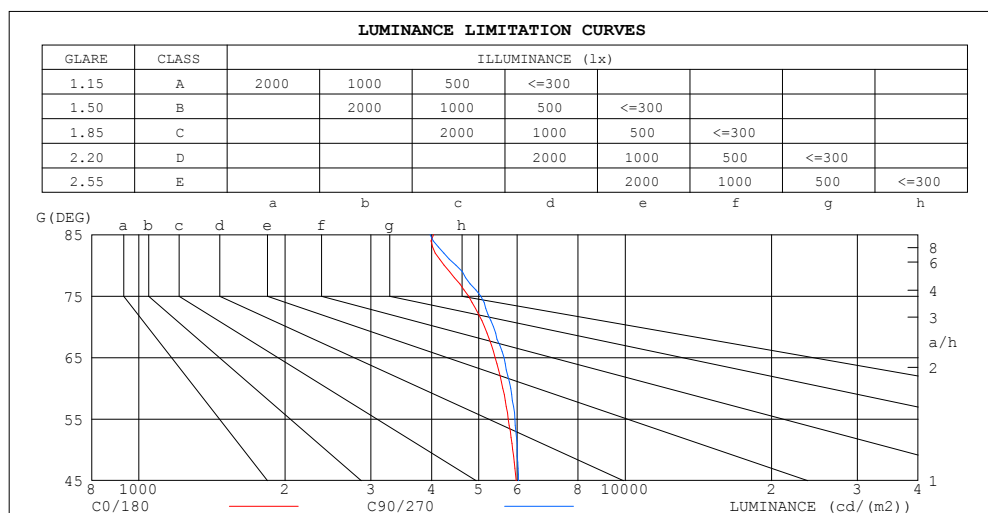
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	102.8	102.6	102.4	102.2	102.5	102.3	102.3	102.3	0- 10	9.865	9.865	3.16,3.16
20	97.25	97.25	97.09	96.74	96.84	96.73	96.76	96.86	10- 20	28.25	38.12	12.2,12.2
30	88.37	88.53	88.46	87.93	87.76	87.85	88.01	88.06	20- 30	42.82	80.94	25.9,25.9
40	76.53	76.82	76.89	76.20	75.95	76.12	76.41	76.37	30- 40	51.65	132.6	42.5,42.5
50	62.30	62.96	63.60	62.16	61.73	62.06	62.36	62.25	40- 50	53.72	186.3	59.7,59.7
60	46.23	47.37	47.99	46.25	45.83	46.12	46.35	46.28	50- 60	48.86	235.2	75.4,75.4
70	28.98	29.86	30.24	29.08	28.87	29.07	29.17	29.11	60- 70	37.60	272.8	87.4,87.4
80	12.17	12.56	12.86	12.24	12.15	12.17	12.33	12.05	70- 80	21.79	294.6	94.4,94.4
90	2.192	2.229	2.442	2.629	2.317	2.172	1.911	1.659	80- 90	6.714	301.3	96.6,96.6
100	1.150	1.608	2.161	1.998	1.158	1.513	1.920	1.136	90-100	1.848	303.1	97.2,97.2
110	1.301	1.709	2.081	1.897	1.138	1.444	1.774	1.216	100-110	1.656	304.8	97.7,97.7
120	1.457	1.771	2.040	1.881	1.166	1.456	1.690	1.309	110-120	1.570	306.3	98.2,98.2
130	1.598	1.822	2.031	1.898	1.327	1.533	1.698	1.442	120-130	1.462	307.8	98.7,98.7
140	1.749	1.872	2.034	1.939	1.543	1.656	1.729	1.568	130-140	1.326	309.1	99.1,99.1
150	1.885	1.963	2.081	1.988	1.739	1.784	1.804	1.721	140-150	1.138	310.3	99.5,99.5
160	1.990	2.040	2.103	2.053	1.930	1.925	1.905	1.895	150-160	0.8885	311.2	99.8,99.8
170	2.101	2.110	2.138	2.122	2.086	2.068	2.050	2.043	160-170	0.5756	311.7	99.9,99.9
180	2.141	2.136	2.151	2.136	2.131	2.133	2.131	2.138	170-180	0.2015	311.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4039	3970
80	4247	4489
75	4760	5048
70	5136	5358
65	5403	5636
60	5604	5818
55	5751	5937
50	5874	5997
45	5971	6035

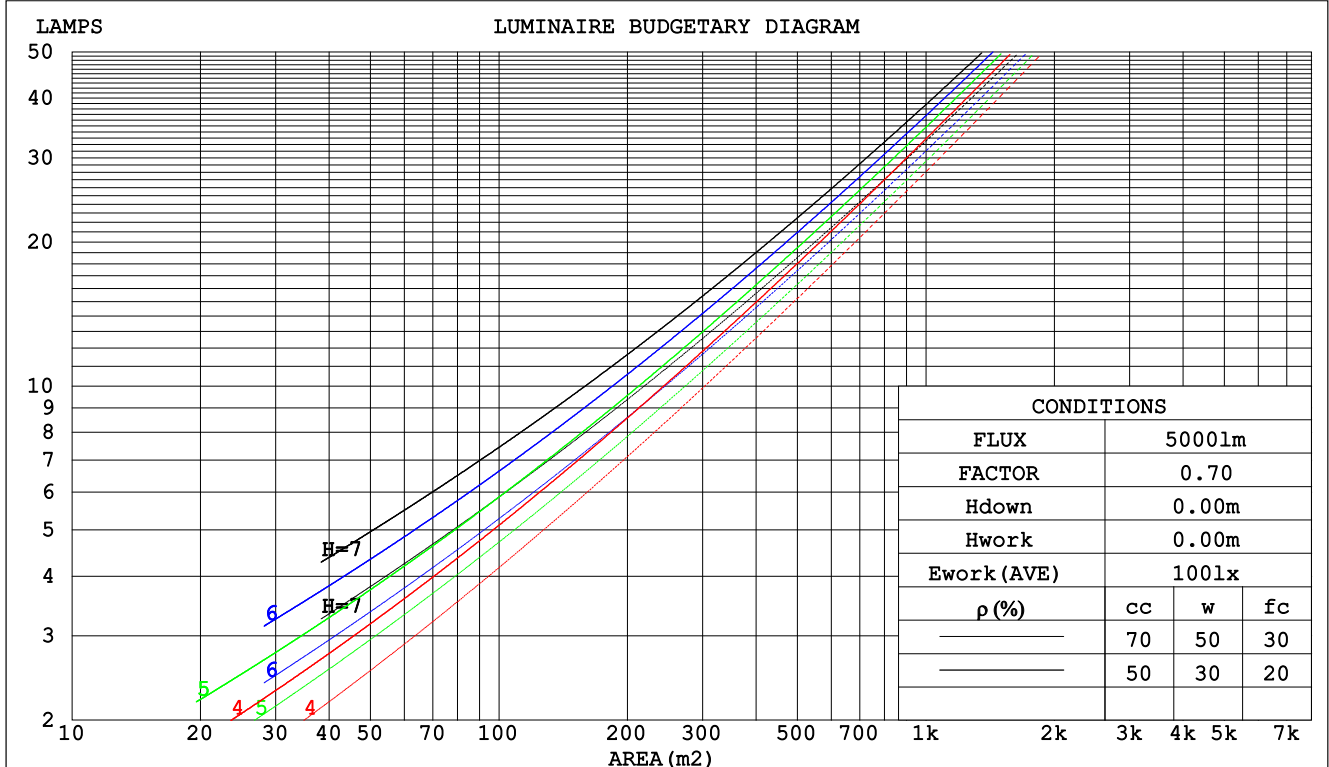
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.54	.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	.44	.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	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
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	.141	.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	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.207	.182	.160	.177	.157	.138	.121	.108	.095	.070	.062	.056	.022	.020	.018	
2.0	.199	.158	.124	.170	.136	.107	.117	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.141	.101	.164	.122	.087	.113	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.085	.158	.110	.074	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.117	.074	.151	.102	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.066	.145	.094	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.140	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.156	.096	.056	.134	.084	.049	.093	.059	.034	.054	.035	.021	.017	.011	.007	
9.0	.150	.092	.052	.129	.079	.046	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.050	.124	.076	.043	.086	.053	.031	.050	.032	.018	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-23

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:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm											
NAME: SF16-24V-2835-120-4000-80						TYPE:硅胶			WEIGHT:		
DIM.: 16.5mm*16.5mm						SPEC.:			SERIAL No.:2022032301		
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	18H	20.3	19.1	20.5	20.8	18.9	20.4	19.3	20.7	21.0	
	3H	20.3	21.7	20.7	22.0	22.3	20.5	21.9	20.9	22.2	22.5
	4H	20.9	22.2	21.3	22.6	22.9	21.1	22.4	21.5	22.7	23.1
	6H	21.4	22.6	21.7	22.9	23.3	21.6	22.8	22.0	23.1	23.5
	8H	21.5	22.7	21.9	23.0	23.4	21.7	22.9	22.1	23.2	23.6
	12H	21.6	22.7	22.0	23.1	23.5	21.8	22.9	22.2	23.3	23.7
4H	2H	19.4	20.7	19.8	21.1	21.4	19.5	20.8	19.9	21.2	21.5
	3H	21.2	22.3	21.6	22.6	23.0	21.3	22.4	21.7	22.8	23.2
	4H	21.9	22.9	22.3	23.3	23.7	22.0	23.1	22.5	23.5	23.9
	6H	22.4	23.3	22.9	23.8	24.2	22.6	23.5	23.0	23.9	24.4
	8H	22.6	23.5	23.1	23.9	24.4	22.8	23.6	23.2	24.1	24.5
	12H	22.8	23.5	23.2	24.0	24.5	22.9	23.7	23.4	24.1	24.6
8H	4H	22.2	23.0	22.6	23.4	23.9	22.3	23.1	22.8	23.6	24.0
	6H	22.9	23.6	23.4	24.0	24.5	23.0	23.7	23.5	24.2	24.7
	8H	23.1	23.8	23.6	24.2	24.8	23.3	23.9	23.8	24.4	24.9
	12H	23.4	23.9	23.9	24.4	25.0	23.5	24.0	24.0	24.5	25.1
12H	4H	22.2	22.9	22.6	23.4	23.9	22.3	23.1	22.8	23.5	24.0
	6H	22.9	23.5	23.4	24.0	24.6	23.0	23.7	23.6	24.2	24.7
	8H	23.2	23.8	23.8	24.3	24.8	23.3	23.9	23.9	24.4	24.9
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	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 311.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.0)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

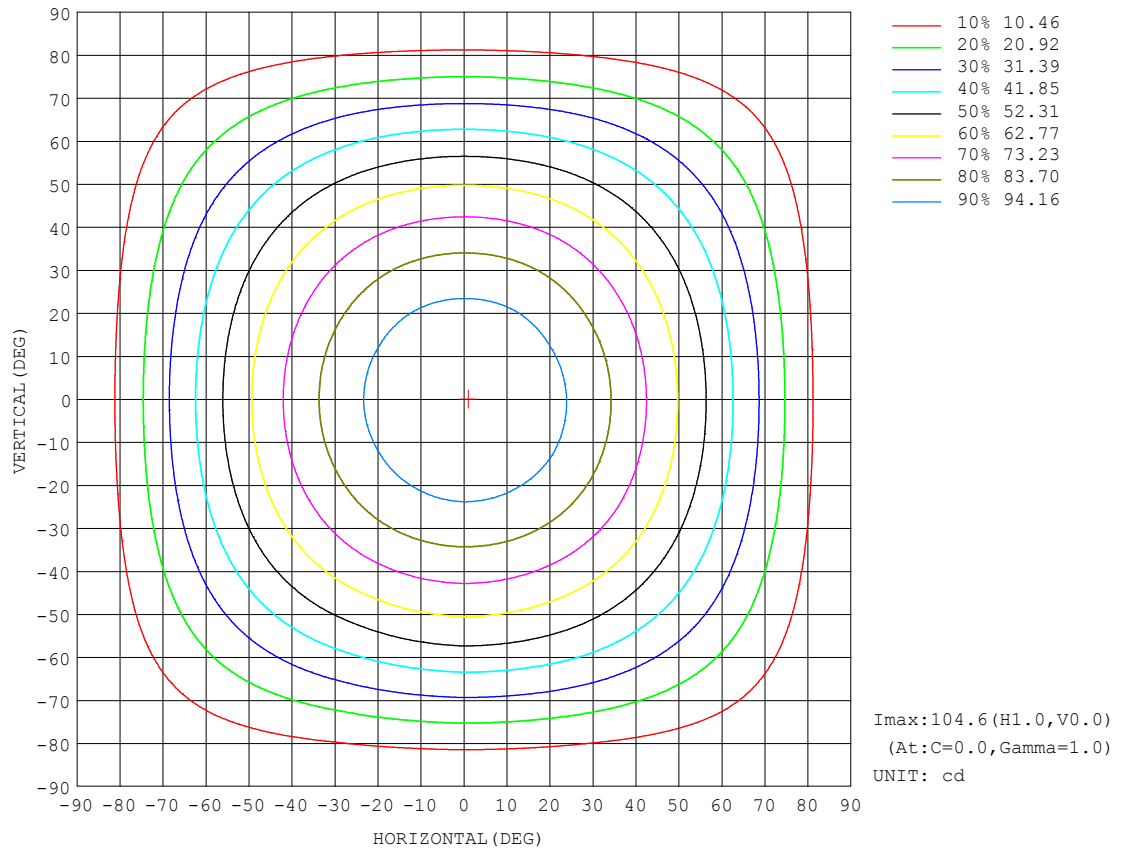
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	77	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	88	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					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-23

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:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

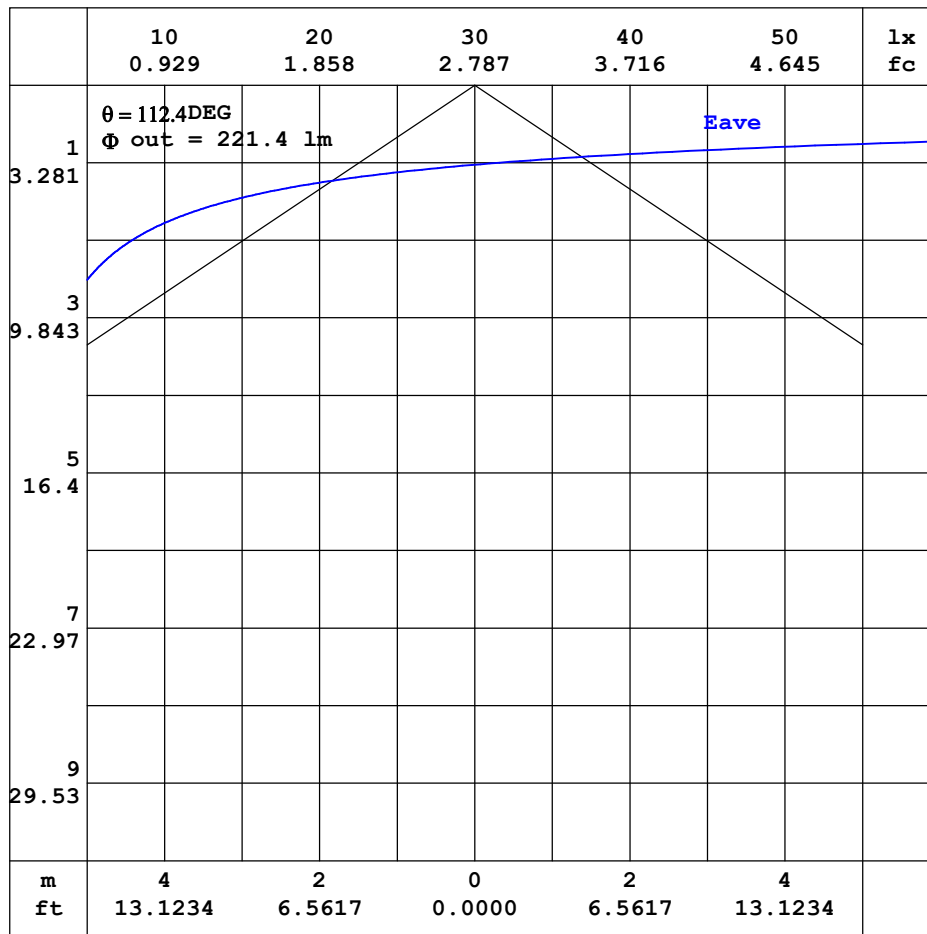


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:

AAI CURVES

Test:U:24.00V I:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



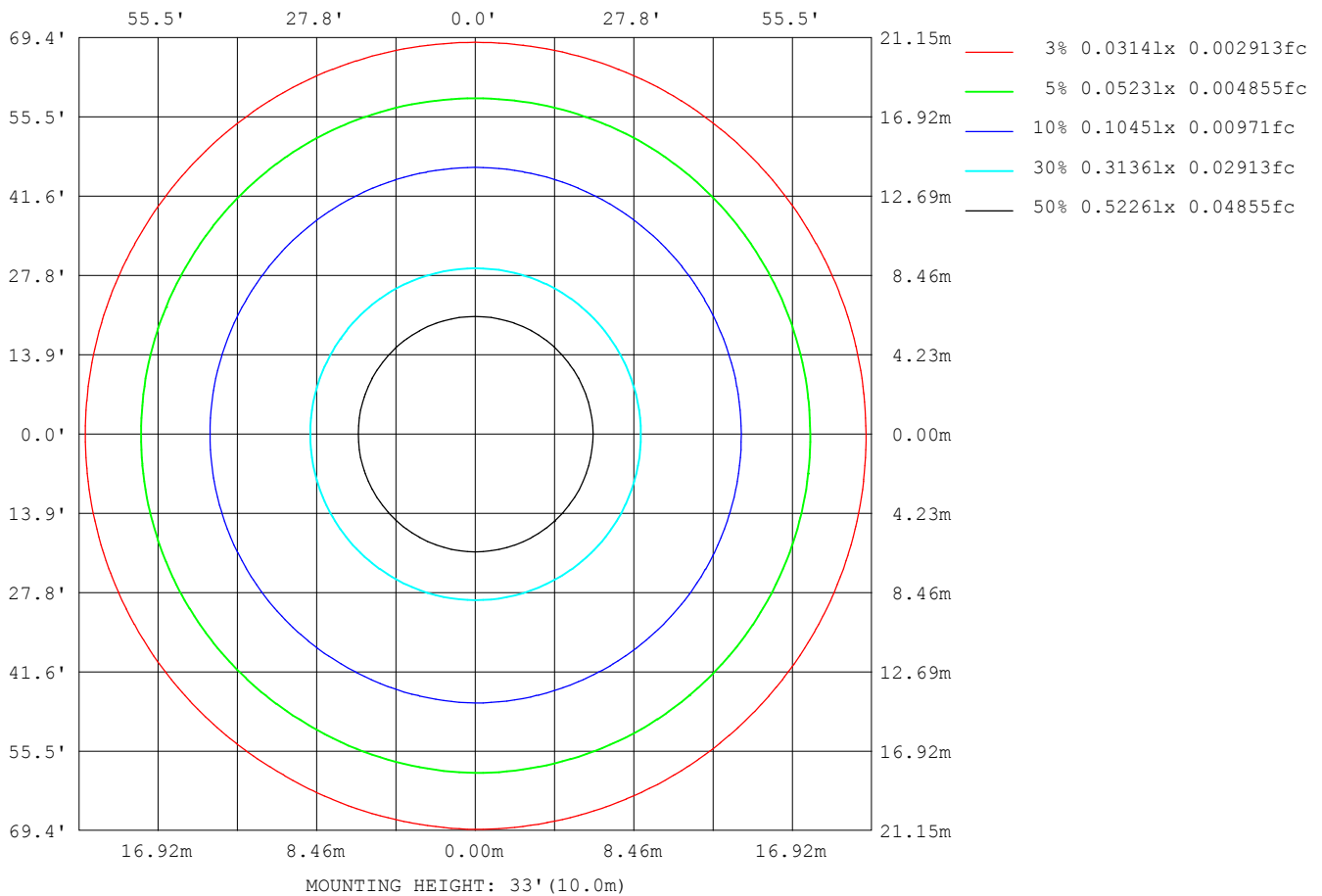
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-23

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

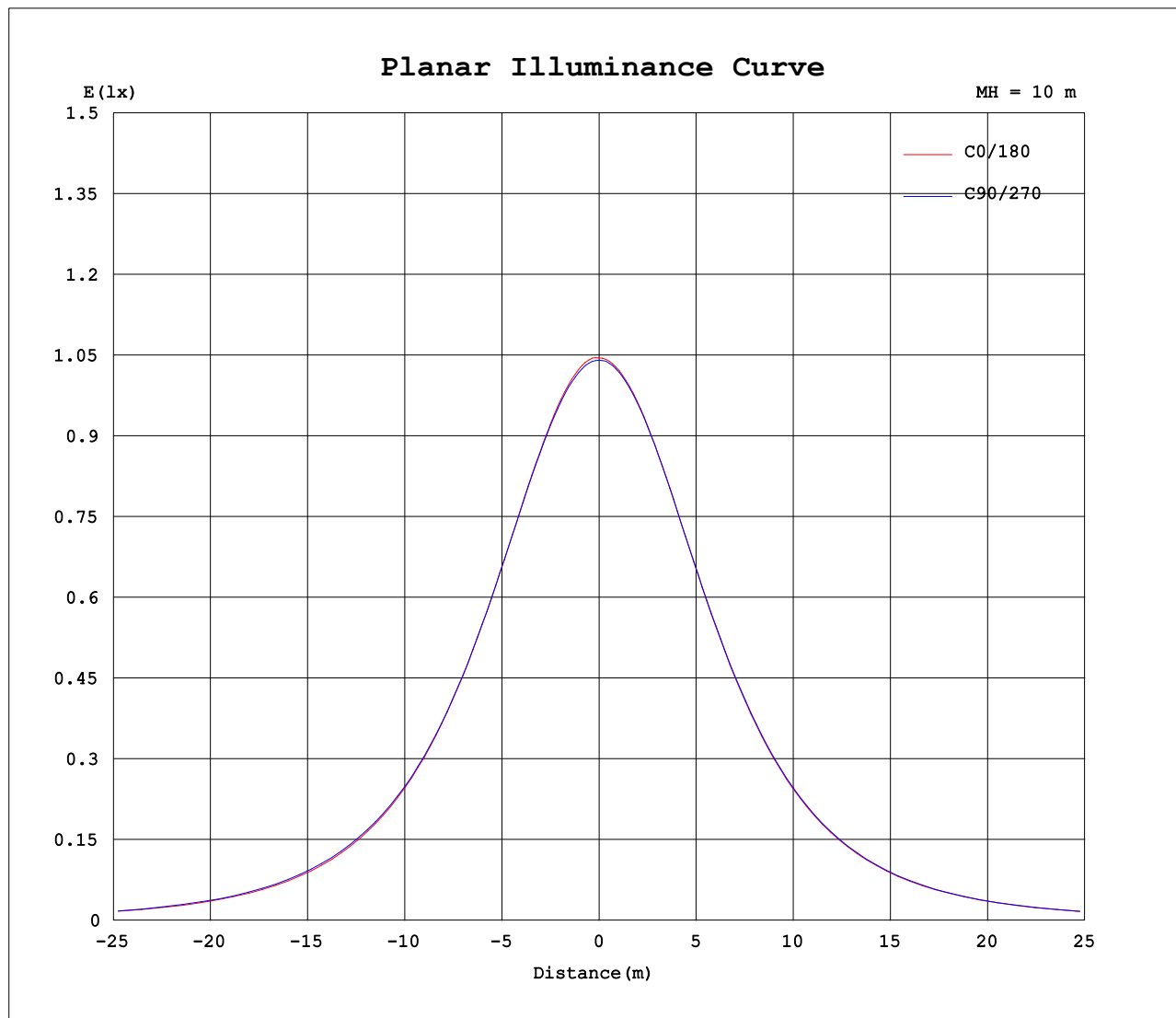
Test:U:24.00V I:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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: HXJ
Test Date: 2022-03-23

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3876A P:9.302W PF:1.000 Lamp Flux:311.919x1 lm		
NAME: SF16-24V-2835-120-4000-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
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	105	104	104	104	104	104	105	104	104	104	104	104						
5	104	104	104	104	104	104	104	104	104	104	104	104						
10	103	103	103	102	102	102	103	102	102	102	102	102						
15	100	100	100	100	100	99.8	100	99.9	100	100.0	100	100						
20	97.2	97.3	97.2	97.1	96.8	96.7	96.8	96.7	96.8	96.8	97.0	96.8						
25	93.2	93.4	93.2	93.2	92.8	92.6	92.7	92.6	92.8	92.8	93.0	92.7						
30	88.4	88.6	88.5	88.5	88.1	87.8	87.8	87.7	88.0	88.0	88.2	88.0						
35	82.8	83.0	83.0	83.0	82.6	82.2	82.2	82.2	82.5	82.5	82.7	82.4						
40	76.5	76.8	76.9	76.9	76.4	76.0	75.9	75.9	76.3	76.4	76.5	76.2						
45	69.7	70.1	70.1	70.4	69.6	69.2	69.1	69.1	69.6	69.7	69.7	69.4						
50	62.3	62.8	63.1	63.6	62.3	62.0	61.7	61.8	62.3	62.4	62.4	62.1						
55	54.4	55.1	55.7	56.2	54.5	54.2	54.0	54.0	54.6	54.6	54.7	54.3						
60	46.2	46.9	47.8	48.0	46.4	46.1	45.8	45.8	46.4	46.3	46.5	46.0						
65	37.7	38.4	39.1	39.3	37.8	37.7	37.5	37.5	38.0	37.9	38.0	37.6						
70	29.0	29.6	30.1	30.2	29.1	29.0	28.9	28.8	29.3	29.2	29.3	28.9						
75	20.3	20.9	21.1	21.6	20.4	20.5	20.2	20.2	20.5	20.9	20.5	20.3						
80	12.2	12.7	12.5	12.9	12.2	12.3	12.2	12.1	12.2	12.3	12.1	12.0						
85	5.81	5.92	5.51	5.71	5.55	6.07	5.93	5.75	5.34	5.28	5.03	5.42						
90	2.19	2.27	2.19	2.44	2.55	2.71	2.32	2.30	2.04	1.91	1.58	1.74						
95	1.15	1.49	1.84	2.26	2.26	1.90	1.20	1.49	1.69	1.99	1.35	0.87						
100	1.15	1.39	1.83	2.16	2.16	1.84	1.16	1.44	1.59	1.92	1.39	0.88						
105	1.21	1.49	1.83	2.11	2.09	1.76	1.14	1.37	1.56	1.84	1.43	0.92						
110	1.30	1.58	1.83	2.08	2.06	1.73	1.14	1.33	1.56	1.77	1.44	0.99						
115	1.40	1.64	1.84	2.07	2.05	1.73	1.14	1.32	1.56	1.71	1.46	1.06						
120	1.46	1.69	1.85	2.04	2.03	1.73	1.17	1.32	1.59	1.69	1.49	1.13						
125	1.53	1.73	1.85	2.03	2.02	1.76	1.23	1.35	1.61	1.69	1.52	1.21						
130	1.60	1.76	1.88	2.03	2.01	1.78	1.33	1.41	1.65	1.70	1.57	1.31						
135	1.67	1.80	1.89	2.03	2.02	1.82	1.43	1.49	1.69	1.70	1.61	1.38						
140	1.75	1.84	1.90	2.03	2.02	1.86	1.54	1.56	1.75	1.73	1.66	1.47						
145	1.81	1.88	1.96	2.05	2.02	1.90	1.63	1.64	1.80	1.76	1.72	1.56						
150	1.88	1.94	1.99	2.08	2.03	1.95	1.74	1.72	1.84	1.80	1.78	1.66						
155	1.93	1.99	2.00	2.10	2.03	2.02	1.84	1.80	1.90	1.84	1.84	1.76						
160	1.99	2.05	2.04	2.10	2.04	2.07	1.93	1.89	1.96	1.90	1.94	1.85						
165	2.05	2.10	2.06	2.11	2.07	2.11	2.02	1.97	2.03	1.97	2.01	1.95						
170	2.10	2.13	2.09	2.14	2.11	2.13	2.09	2.04	2.10	2.05	2.08	2.01						
175	2.14	2.14	2.13	2.15	2.13	2.14	2.13	2.10	2.13	2.09	2.13	2.06						
180	2.14	2.14	2.13	2.15	2.13	2.14	2.13	2.13	2.14	2.13	2.15	2.13						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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	104.5	104.3	104.3	104.1	104.1	104.1	104.5	104.3	104.3	104.1
3.0	104.5	104.2	104.2	103.9	103.9	103.9	104.3	104.1	104.1	104.0
6.0	104.0	103.8	103.7	103.5	103.6	103.4	103.8	103.6	103.6	103.4
9.0	103.2	103.0	102.9	102.7	102.7	102.5	102.9	102.7	102.7	102.6
12.0	102.0	101.9	101.8	101.6	101.5	101.3	101.7	101.5	101.6	101.5
15.0	100.5	100.4	100.3	100.2	100.0	99.81	100.1	99.89	100.1	99.95
18.0	98.67	98.73	98.54	98.43	98.24	98.02	98.24	98.07	98.27	98.17
21.0	96.52	96.53	96.45	96.33	96.11	95.92	96.06	95.90	96.08	96.05
24.0	94.07	94.29	94.07	94.05	93.68	93.48	93.59	93.44	93.68	93.65
27.0	91.33	91.47	91.41	91.41	91.01	90.75	90.81	90.72	90.98	90.96
30.0	88.37	88.60	88.46	88.46	88.08	87.78	87.76	87.72	87.98	88.01
33.0	85.09	85.28	85.27	84.87	84.48	84.48	84.50	84.47	84.74	84.76
36.0	81.57	81.75	81.82	81.85	81.40	80.99	80.99	80.98	81.27	81.38
39.0	77.81	78.12	78.15	78.06	77.68	77.28	77.24	77.22	77.60	77.65
42.0	73.84	74.22	74.20	74.39	73.75	73.37	73.28	73.25	73.68	73.74
45.0	69.67	70.08	70.11	70.41	69.64	69.21	69.08	69.14	69.55	69.65
48.0	65.31	65.76	65.92	66.36	65.31	64.96	64.77	64.81	65.27	65.34
51.0	60.76	61.28	61.62	62.22	60.83	60.44	60.27	60.31	60.79	60.85
54.0	56.03	56.68	57.21	57.66	56.12	55.82	55.56	55.68	56.15	56.25
57.0	51.18	51.71	52.61	52.97	51.30	51.09	50.77	50.84	51.36	51.40
60.0	46.23	46.93	47.81	47.99	46.36	46.13	45.83	45.81	46.42	46.35
63.0	41.14	41.81	42.67	42.65	41.29	41.04	40.80	40.87	41.37	41.36
66.0	35.97	36.59	37.33	37.49	36.11	36.01	35.76	35.75	36.23	36.19
69.0	30.76	31.44	31.95	32.02	30.89	30.78	30.58	30.50	31.01	30.85
72.0	25.50	26.23	26.51	26.63	25.62	25.55	25.31	25.41	25.73	25.85
75.0	20.33	20.91	21.14	21.56	20.42	20.48	20.21	20.23	20.55	20.87
78.0	15.29	15.98	15.73	16.12	15.31	15.45	15.29	15.25	15.47	15.55
81.0	10.73	11.03	10.87	11.22	10.62	10.85	10.73	10.66	10.67	10.79
84.0	6.885	7.090	6.665	6.949	6.659	7.057	6.918	6.796	6.474	6.471
87.0	3.970	4.066	3.604	3.724	3.813	4.383	4.184	3.983	3.526	3.281
90.0	2.192	2.268	2.190	2.442	2.551	2.706	2.317	2.301	2.043	1.911
93.0	1.309	1.572	1.865	2.327	2.297	1.985	1.366	1.574	1.724	1.980
96.0	1.147	1.452	1.835	2.221	2.242	1.890	1.181	1.483	1.673	1.983
99.0	1.149	1.377	1.829	2.181	2.171	1.864	1.164	1.453	1.603	1.950
102.0	1.151	1.427	1.830	2.141	2.116	1.814	1.146	1.412	1.563	1.895
105.0	1.206	1.493	1.832	2.111	2.091	1.759	1.143	1.372	1.558	1.840
108.0	1.261	1.553	1.834	2.086	2.066	1.744	1.140	1.342	1.560	1.799
111.0	1.322	1.593	1.836	2.078	2.058	1.733	1.139	1.322	1.561	1.764
114.0	1.367	1.628	1.837	2.066	2.051	1.732	1.140	1.318	1.563	1.724
117.0	1.412	1.664	1.841	2.050	2.043	1.730	1.156	1.317	1.575	1.699
120.0	1.457	1.694	1.849	2.040	2.033	1.729	1.166	1.320	1.593	1.690
123.0	1.512	1.714	1.850	2.034	2.020	1.739	1.196	1.333	1.598	1.692
126.0	1.553	1.734	1.854	2.033	2.010	1.769	1.257	1.352	1.623	1.695
129.0	1.588	1.754	1.877	2.032	2.011	1.784	1.312	1.402	1.644	1.697
132.0	1.638	1.779	1.885	2.031	2.013	1.799	1.367	1.437	1.669	1.700
135.0	1.673	1.804	1.890	2.031	2.015	1.824	1.433	1.487	1.694	1.703
138.0	1.724	1.839	1.896	2.032	2.017	1.850	1.503	1.518	1.714	1.719
141.0	1.759	1.860	1.915	2.035	2.019	1.870	1.563	1.558	1.754	1.734
144.0	1.804	1.880	1.955	2.050	2.021	1.895	1.618	1.613	1.784	1.754
147.0	1.834	1.905	1.965	2.061	2.023	1.925	1.679	1.658	1.819	1.804
150.0	1.885	1.940	1.985	2.081	2.025	1.950	1.739	1.724	1.845	1.804
153.0	1.910	1.970	1.994	2.092	2.027	1.990	1.799	1.764	1.880	1.829
156.0	1.965	2.010	2.000	2.097	2.030	2.020	1.855	1.824	1.910	1.854
159.0	1.975	2.040	2.025	2.101	2.035	2.061	1.915	1.879	1.945	1.905
162.0	2.030	2.071	2.045	2.106	2.050	2.091	1.970	1.920	1.990	1.925
165.0	2.054	2.096	2.058	2.111	2.066	2.111	2.016	1.970	2.031	1.970
168.0	2.081	2.121	2.071	2.135	2.091	2.132	2.061	2.000	2.066	2.015
171.0	2.131	2.131	2.096	2.140	2.121	2.135	2.091	2.045	2.106	2.051
174.0	2.138	2.138	2.126	2.146	2.126	2.138	2.126	2.090	2.124	2.076
177.0	2.141	2.146	2.131	2.151	2.131	2.141	2.131	2.121	2.136	2.121
180.0	2.141	2.141	2.131	2.151	2.131	2.141	2.131	2.131	2.136	2.131
G/C	300.0	330.0								
0.0	104.1	104.1								
3.0	103.9	104.0								
6.0	103.5	103.5								
9.0	102.7	102.7								
12.0	101.5	101.5								
15.0	100.1	100.0								
18.0	98.31	98.19								
21.0	96.23	96.05								
24.0	93.85	93.62								
27.0	91.16	90.92								
30.0	88.16	87.95								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-23

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:

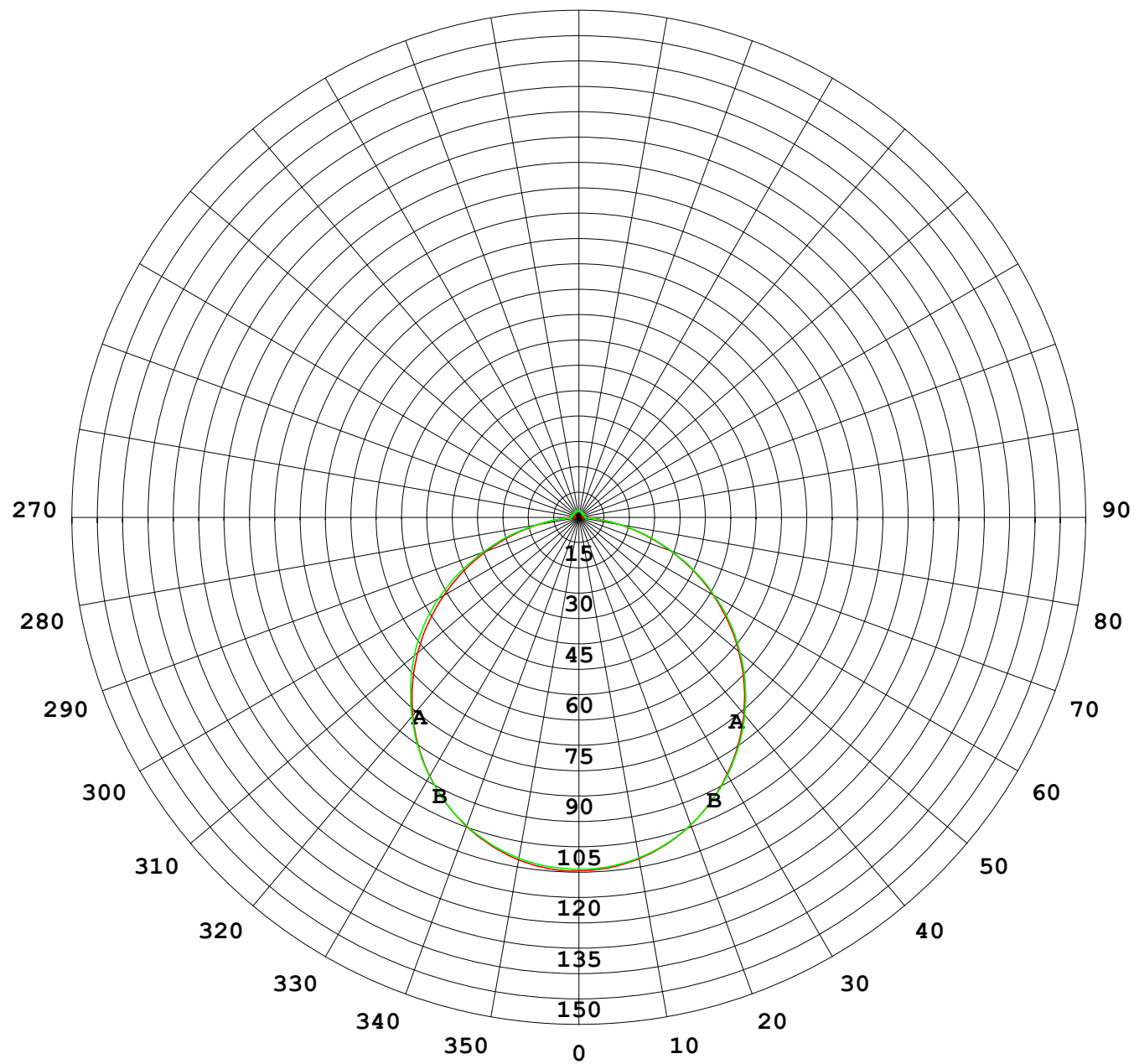
Photometric Data Table [cd]

33.0	84.93	84.66
36.0	81.45	81.24
39.0	77.77	77.50
42.0	73.85	73.55
45.0	69.72	69.41
48.0	65.42	65.06
51.0	60.93	60.55
54.0	56.27	55.90
57.0	51.48	51.05
60.0	46.53	46.03
63.0	41.46	41.07
66.0	36.31	35.90
69.0	31.06	30.67
72.0	25.78	25.48
75.0	20.53	20.27
78.0	15.41	15.17
81.0	10.53	10.50
84.0	6.242	6.540
87.0	3.169	3.476
90.0	1.581	1.738
93.0	1.327	0.9661
96.0	1.357	0.8715
99.0	1.382	0.8770
102.0	1.402	0.8826
105.0	1.429	0.9246
108.0	1.434	0.9597
111.0	1.442	1.000
114.0	1.448	1.040
117.0	1.473	1.086
120.0	1.488	1.131
123.0	1.513	1.171
126.0	1.528	1.236
129.0	1.558	1.276
132.0	1.588	1.337
135.0	1.608	1.377
138.0	1.644	1.437
141.0	1.679	1.492
144.0	1.709	1.553
147.0	1.749	1.598
150.0	1.784	1.658
153.0	1.824	1.729
156.0	1.860	1.784
159.0	1.910	1.834
162.0	1.960	1.885
165.0	2.010	1.955
168.0	2.051	1.985
171.0	2.091	2.025
174.0	2.126	2.055
177.0	2.151	2.076
180.0	2.146	2.131

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

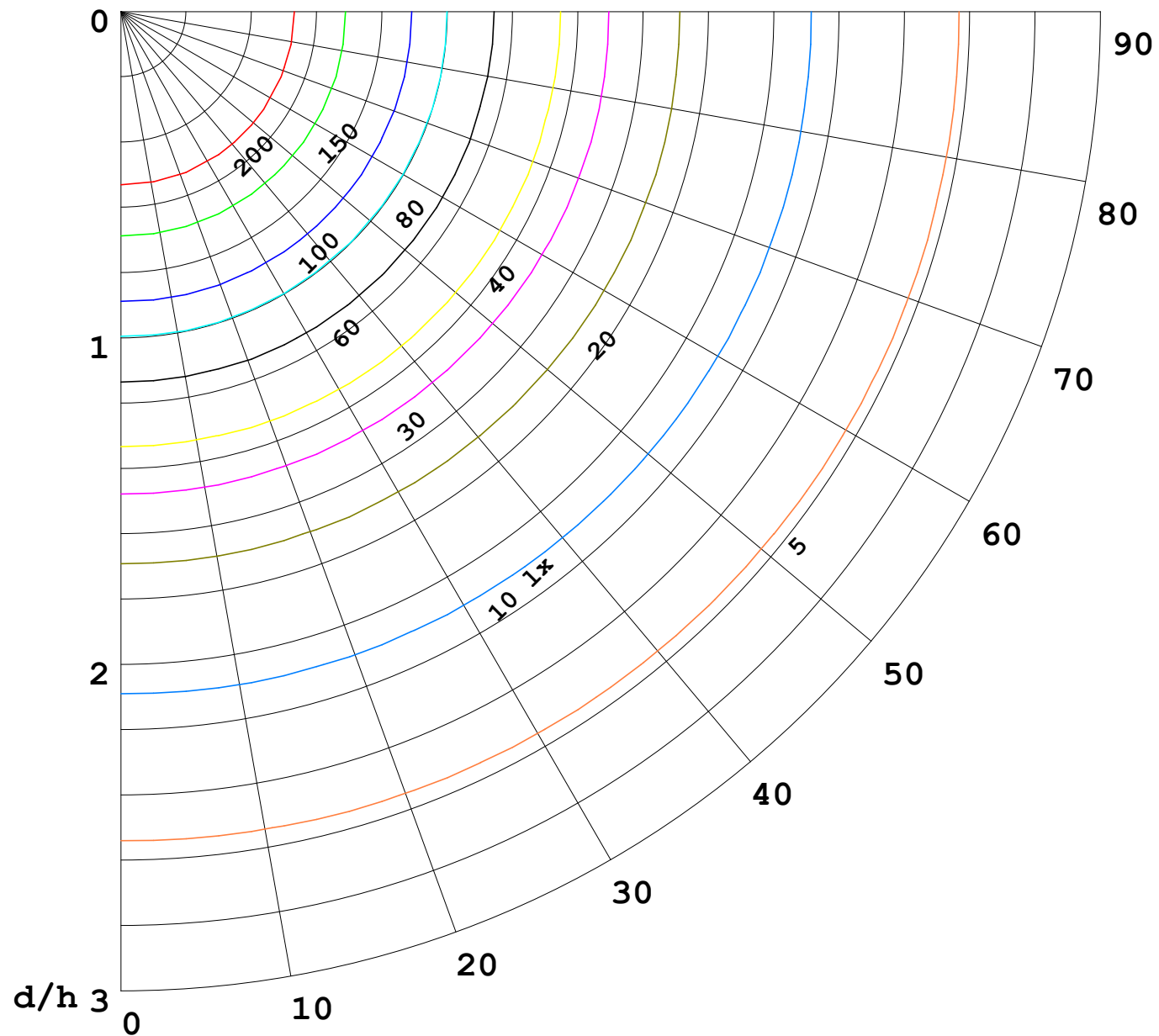
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

