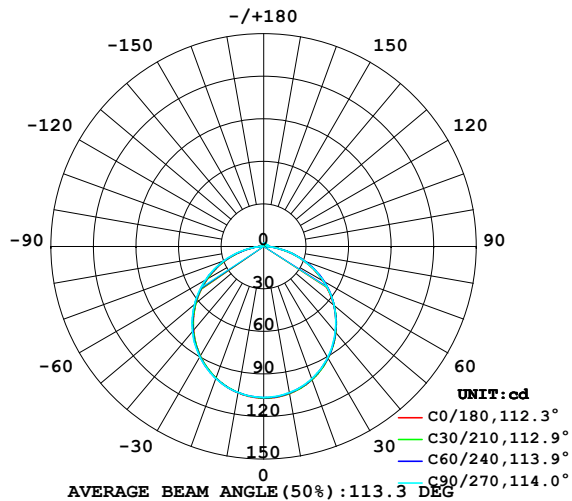


LUMINAIRE PHOTOMETRIC TEST REPORT

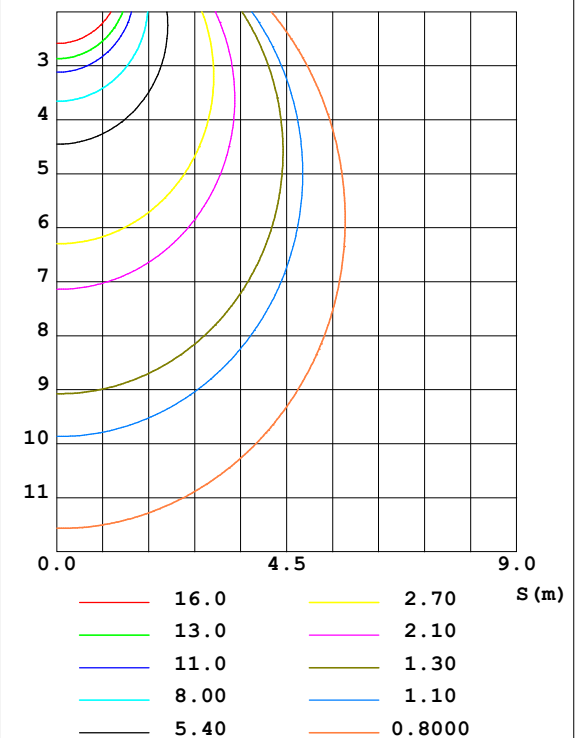
Test:U:24.00V I:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.85 lm/W			
MODEL	2835	I _{max} (cd)	107.0	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)	319.36	η UP, DN (C0-180)	2.0, 48.5
NOMINAL FLUX (lm)	319.345	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 47.9
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)



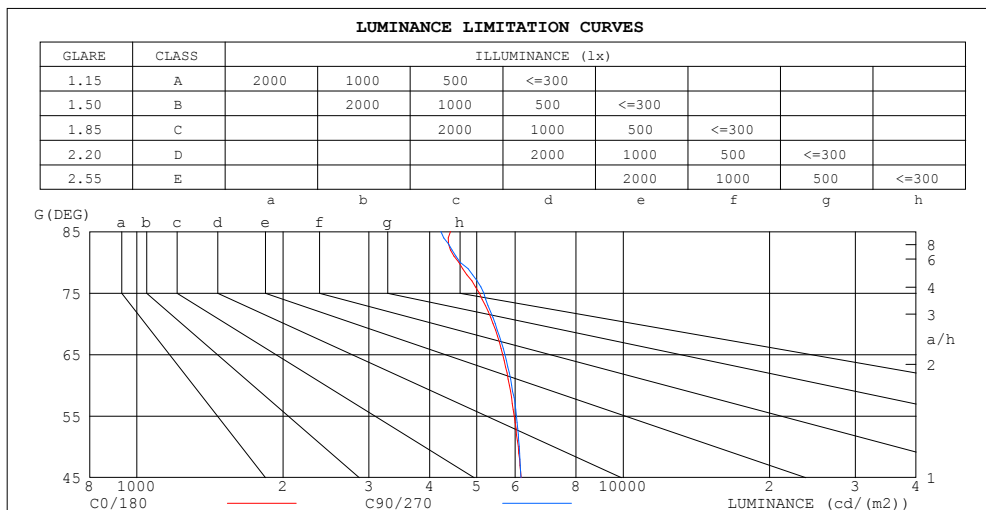
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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	105.4	105.1	104.7	104.2	104.8	104.6	104.6	104.6	0- 10	10.09	10.09	3.16,3.16
20	99.87	99.68	99.34	98.45	98.80	98.79	99.05	99.19	10- 20	28.89	38.97	12.2,12.2
30	90.95	90.87	90.42	89.36	89.35	89.62	90.15	90.34	20- 30	43.78	82.76	25.9,25.9
40	78.98	79.01	78.55	77.29	77.08	77.54	78.28	78.52	30- 40	52.83	135.6	42.5,42.5
50	64.52	64.84	64.83	62.93	62.44	63.03	63.87	64.20	40- 50	54.93	190.5	59.7,59.7
60	48.13	48.97	48.69	46.62	46.05	46.64	47.57	47.98	50- 60	49.95	240.5	75.3,75.3
70	30.50	31.25	30.82	29.02	28.52	29.11	30.24	30.42	60- 70	38.43	278.9	87.3,87.3
80	13.16	13.56	13.25	11.91	11.58	11.86	12.60	12.86	70- 80	22.30	301.2	94.3,94.3
90	2.293	2.764	2.879	2.566	2.097	2.109	2.179	1.742	80- 90	6.902	308.1	96.5,96.5
100	1.171	2.026	2.764	2.040	1.151	1.596	2.001	1.184	90-100	2.013	310.1	97.1,97.1
110	1.322	1.970	2.608	1.933	1.142	1.515	1.885	1.256	100-110	1.805	311.9	97.7,97.7
120	1.492	1.950	2.367	1.905	1.191	1.518	1.784	1.352	110-120	1.674	313.6	98.2,98.2
130	1.643	1.935	2.221	1.905	1.377	1.596	1.789	1.462	120-130	1.533	315.1	98.7,98.7
140	1.809	1.955	2.105	1.943	1.588	1.709	1.799	1.606	130-140	1.370	316.5	99.1,99.1
150	1.920	2.005	2.081	2.010	1.794	1.839	1.864	1.764	140-150	1.164	317.7	99.5,99.5
160	2.045	2.078	2.131	2.103	1.990	1.985	1.965	1.935	150-160	0.9086	318.6	99.8,99.8
170	2.141	2.166	2.211	2.167	2.151	2.118	2.091	2.091	160-170	0.5901	319.2	99.9,99.9
180	2.216	2.219	2.231	2.196	2.221	2.219	2.211	2.186	170-180	0.2069	319.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4413	4221
80	4593	4624
75	5059	5173
70	5404	5461
65	5648	5717
60	5834	5902
55	5971	6033
50	6084	6112
45	6174	6161

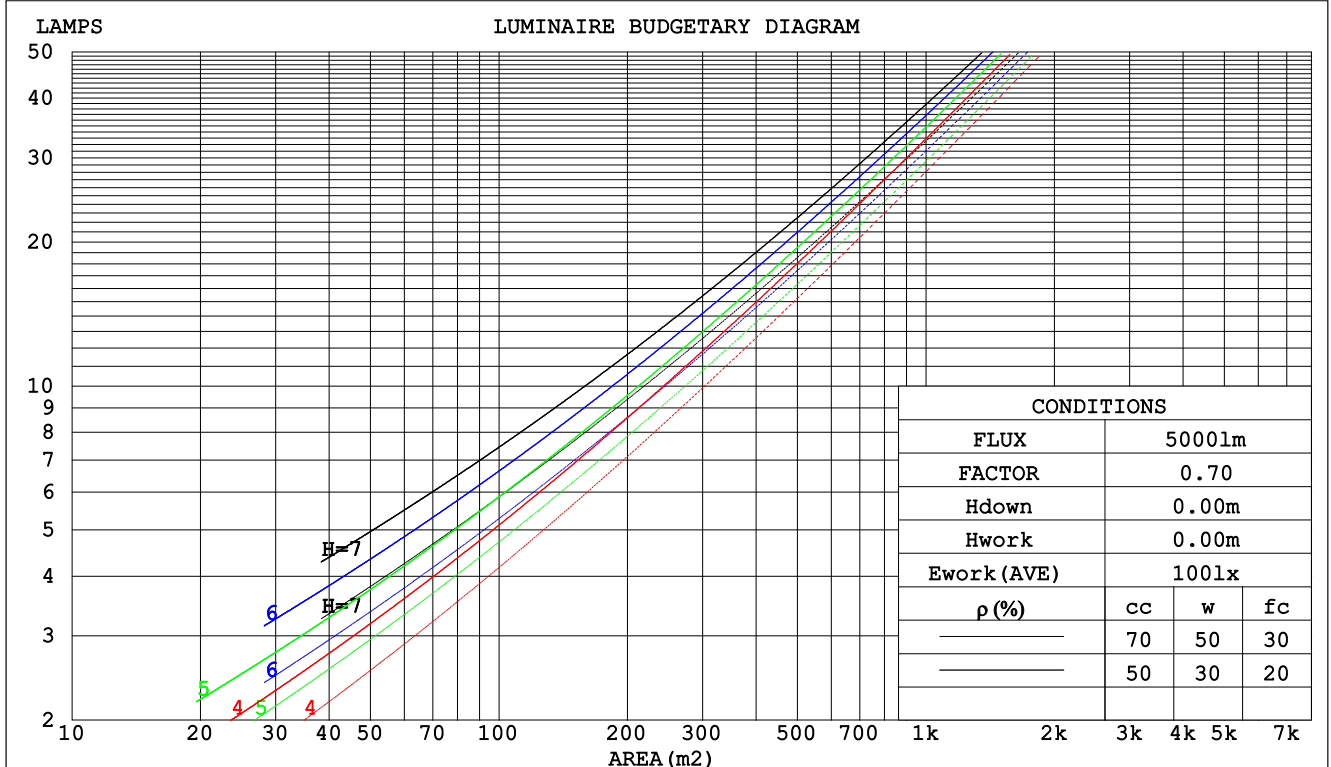
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	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
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	.96
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	.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	.29	.25	.35	.29	.25	.23



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

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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	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	.040	.230	.128	.039		
4.0	.249	.130	.038	.244	.127	.038	.233	.123	.037	.223	.120	.036	.213	.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	.184	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.179	.092	.027	.172	.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	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.183	.161	.178	.157	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.159	.125	.171	.137	.108	.117	.095	.075	.068	.055	.044	.022	.018	.014	
3.0	.192	.142	.102	.165	.122	.088	.113	.085	.062	.065	.050	.036	.021	.016	.012	
4.0	.184	.129	.086	.158	.111	.075	.109	.077	.053	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.075	.152	.102	.065	.105	.071	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.095	.058	.101	.067	.041	.058	.039	.025	.019	.013	.008	
7.0	.163	.103	.061	.140	.089	.053	.097	.063	.038	.056	.037	.022	.018	.012	.007	
8.0	.157	.097	.057	.135	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.151	.092	.053	.130	.080	.046	.090	.056	.033	.052	.033	.020	.017	.011	.007	
10.0	.145	.088	.050	.125	.077	.044	.087	.054	.031	.051	.032	.019	.016	.010	.006	

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

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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm											
NAME: SF16-24V-2835-120-2200-80						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	2H	19.0	20.5	19.3	20.7	21.0	19.0	20.5	19.3	20.8	21.0
	3H	20.5	21.9	20.9	22.2	22.5	20.6	22.0	20.9	22.3	22.6
	4H	21.2	22.5	21.5	22.8	23.1	21.2	22.5	21.6	22.8	23.2
	6H	21.6	22.8	22.0	23.2	23.5	21.7	22.9	22.1	23.2	23.6
	8H	21.8	22.9	22.2	23.3	23.7	21.8	23.0	22.2	23.4	23.7
	12H	21.9	23.0	22.3	23.4	23.7	21.9	23.1	22.3	23.4	23.8
4H	2H	19.6	20.9	20.0	21.2	21.6	19.6	20.9	20.0	21.3	21.6
	3H	21.4	22.5	21.8	22.8	23.2	21.4	22.5	21.8	22.9	23.3
	4H	22.1	23.1	22.5	23.5	23.9	22.2	23.2	22.6	23.6	24.0
	6H	22.7	23.6	23.1	24.0	24.5	22.7	23.7	23.2	24.1	24.5
	8H	22.9	23.7	23.4	24.2	24.6	22.9	23.8	23.4	24.2	24.7
	12H	23.0	23.8	23.5	24.3	24.8	23.1	23.9	23.6	24.3	24.8
8H	4H	22.4	23.2	22.9	23.7	24.1	22.4	23.3	22.9	23.7	24.2
	6H	23.1	23.8	23.6	24.3	24.8	23.2	23.9	23.7	24.3	24.9
	8H	23.4	24.1	23.9	24.5	25.1	23.5	24.1	24.0	24.6	25.1
	12H	23.7	24.2	24.2	24.7	25.3	23.7	24.2	24.2	24.7	25.3
12H	4H	22.4	23.2	22.9	23.6	24.1	22.5	23.2	22.9	23.7	24.2
	6H	23.2	23.8	23.7	24.3	24.8	23.2	23.9	23.7	24.3	24.9
	8H	23.5	24.1	24.1	24.6	25.1	23.6	24.1	24.1	24.6	25.2
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					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 319.3 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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

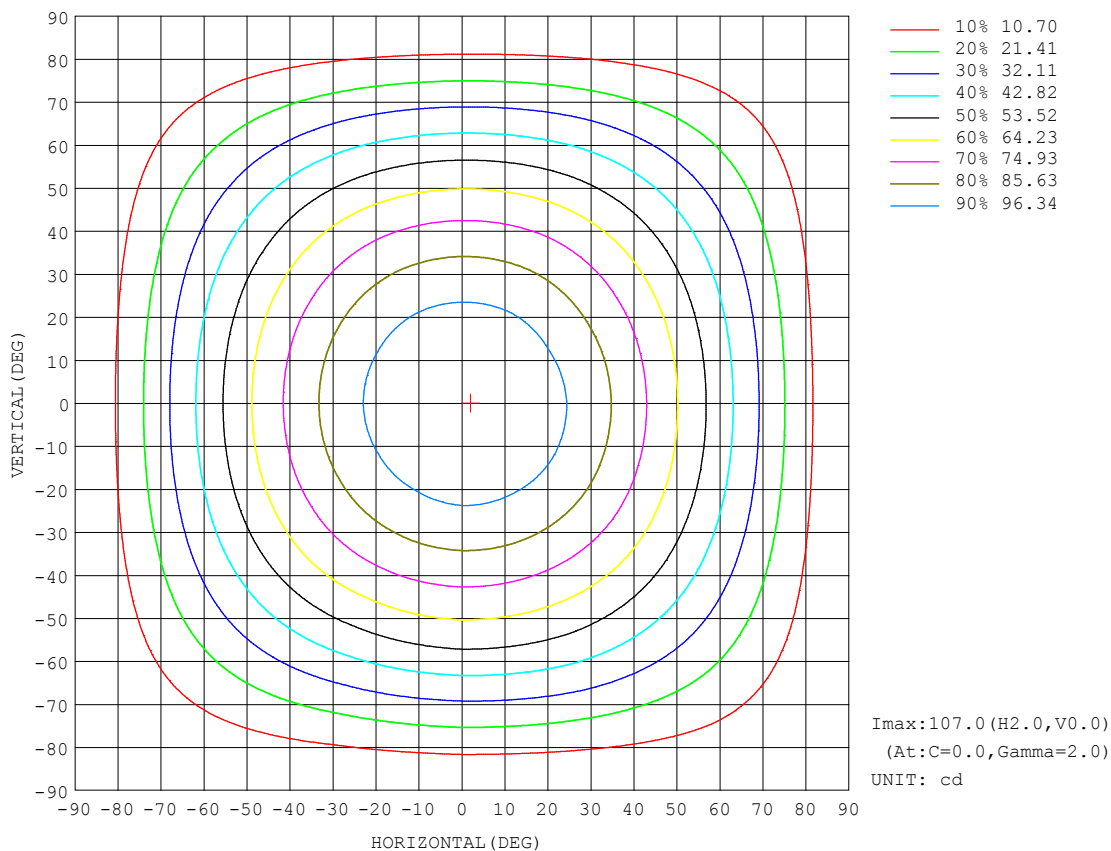
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	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	97	89	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	97	93	89	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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

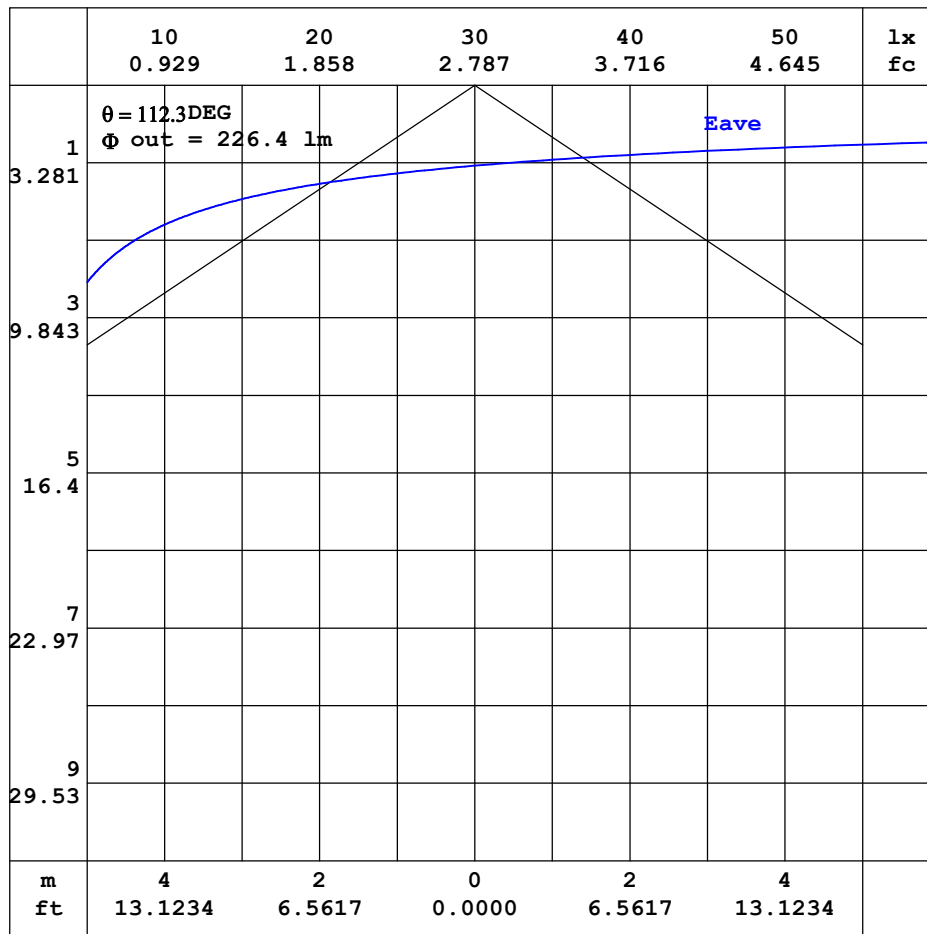


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



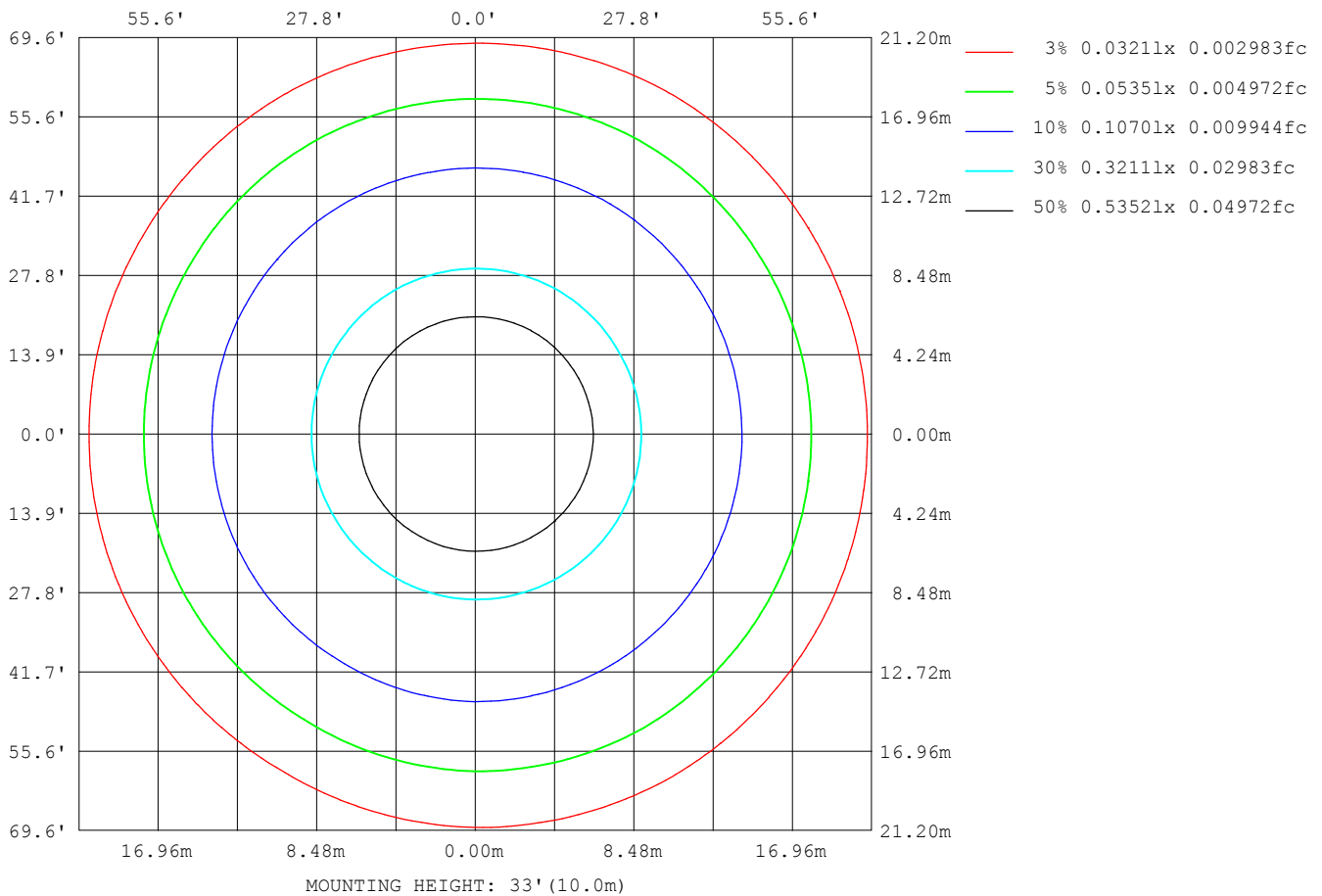
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

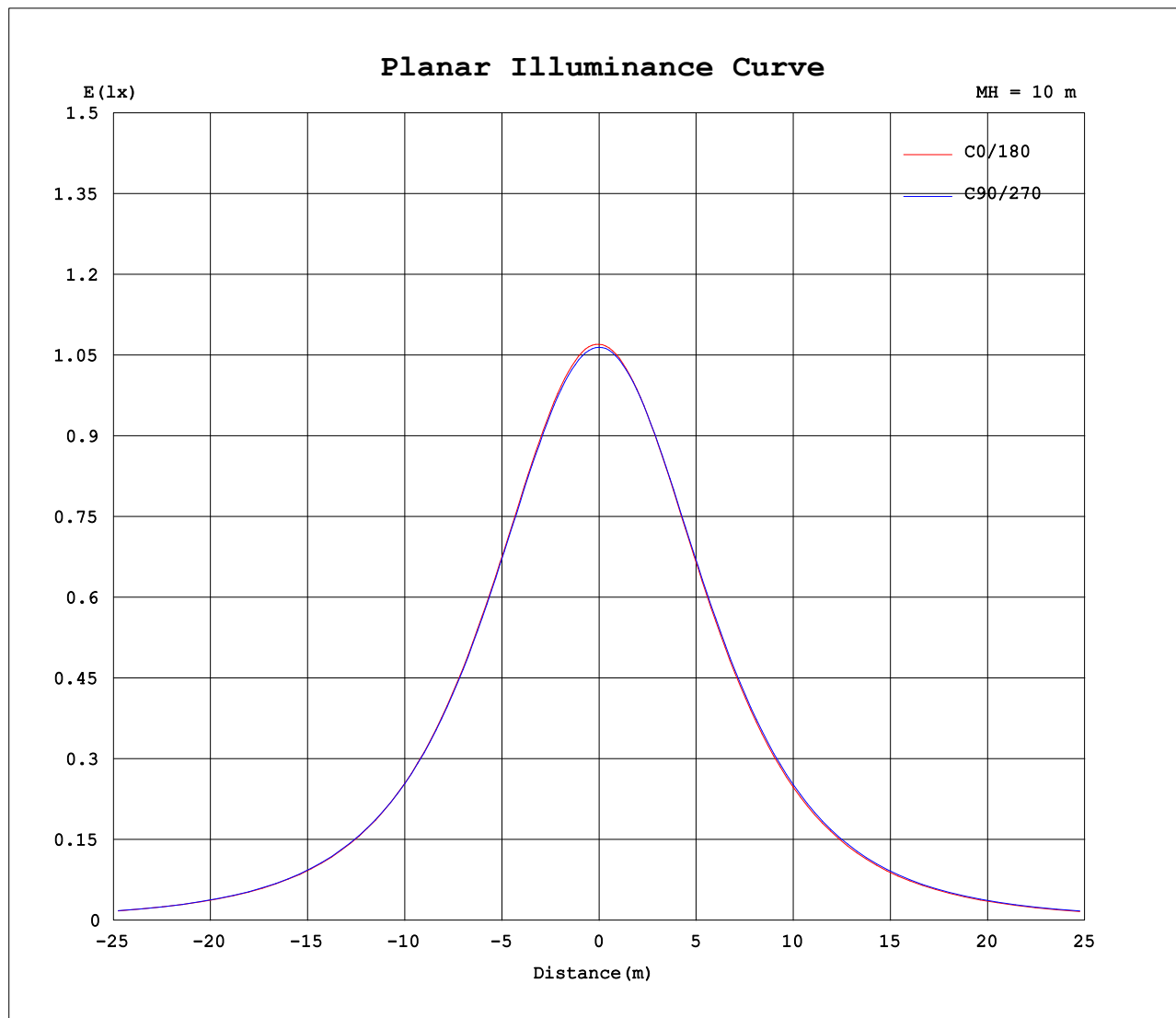
Test:U:24.00V I:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.3931A P:9.434W PF:1.000 Lamp Flux:319.345x1 lm		
NAME: SF16-24V-2835-120-2200-80	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	107	107	107	106	106	106	107	107	107	106	106	106							
5	107	106	106	106	106	106	106	106	106	106	106	106							
10	105	105	105	105	104	104	105	105	105	105	105	105							
15	103	103	103	102	102	102	102	102	102	102	102	102							
20	99.9	99.9	99.5	99.3	98.6	98.3	98.8	98.6	99.0	99.0	99.3	99.1							
25	95.8	95.9	95.5	95.3	94.5	94.2	94.5	94.4	94.8	95.0	95.3	95.1							
30	91.0	91.1	90.7	90.4	89.6	89.1	89.4	89.4	89.8	90.1	90.4	90.3							
35	85.3	85.4	85.1	84.8	83.9	83.4	83.5	83.6	84.2	84.5	84.8	84.7							
40	79.0	79.2	78.8	78.6	77.6	77.0	77.1	77.2	77.9	78.3	78.6	78.4							
45	72.0	72.3	72.0	71.9	70.6	70.1	70.0	70.2	70.9	71.4	71.7	71.5							
50	64.5	64.9	64.8	64.8	63.2	62.7	62.4	62.6	63.4	63.9	64.3	64.1							
55	56.5	56.9	57.3	57.1	55.2	54.7	54.4	54.6	55.5	55.9	56.4	56.2							
60	48.1	48.7	49.3	48.7	46.8	46.4	46.0	46.1	47.1	47.6	48.1	47.9							
65	39.4	40.1	40.5	39.9	38.1	37.7	37.4	37.6	38.4	38.8	39.5	39.2							
70	30.5	31.1	31.4	30.8	29.2	28.9	28.5	28.7	29.6	30.2	30.5	30.3							
75	21.6	22.1	22.2	22.1	20.3	20.1	19.7	19.9	20.6	21.3	21.5	21.4							
80	13.2	13.7	13.5	13.2	12.0	11.9	11.6	11.7	12.1	12.6	12.8	12.9							
85	6.35	6.63	6.28	6.07	5.39	5.72	5.48	5.36	5.20	5.24	5.46	5.92							
90	2.29	2.68	2.85	2.88	2.57	2.56	2.10	2.16	2.05	2.18	1.67	1.82							
95	1.17	1.77	2.44	2.79	2.35	1.89	1.21	1.52	1.82	2.07	1.41	0.89							
100	1.17	1.72	2.34	2.76	2.25	1.83	1.15	1.48	1.71	2.00	1.46	0.91							
105	1.24	1.71	2.28	2.70	2.17	1.75	1.15	1.40	1.66	1.94	1.50	0.93							
110	1.32	1.72	2.22	2.61	2.13	1.74	1.14	1.37	1.66	1.88	1.51	1.01							
115	1.41	1.74	2.17	2.45	2.09	1.73	1.15	1.36	1.66	1.83	1.52	1.08							
120	1.49	1.77	2.14	2.37	2.07	1.74	1.19	1.37	1.67	1.78	1.54	1.16							
125	1.56	1.79	2.09	2.29	2.03	1.77	1.28	1.41	1.69	1.78	1.58	1.24							
130	1.64	1.82	2.05	2.22	2.01	1.80	1.38	1.46	1.73	1.79	1.61	1.32							
135	1.74	1.84	2.03	2.15	1.99	1.85	1.48	1.53	1.76	1.79	1.65	1.41							
140	1.81	1.88	2.03	2.11	1.99	1.89	1.59	1.60	1.81	1.80	1.71	1.50							
145	1.85	1.93	2.03	2.09	1.99	1.95	1.69	1.68	1.85	1.82	1.76	1.59							
150	1.92	1.98	2.03	2.08	2.01	2.01	1.79	1.77	1.90	1.86	1.82	1.71							
155	1.98	2.05	2.03	2.11	2.05	2.07	1.90	1.86	1.95	1.89	1.88	1.80							
160	2.05	2.10	2.06	2.13	2.08	2.13	1.99	1.96	2.01	1.96	1.98	1.89							
165	2.11	2.15	2.12	2.17	2.12	2.16	2.08	2.04	2.09	2.04	2.05	1.98							
170	2.14	2.19	2.14	2.21	2.15	2.19	2.15	2.09	2.15	2.09	2.13	2.06							
175	2.17	2.22	2.18	2.23	2.18	2.19	2.21	2.14	2.20	2.14	2.18	2.13							
180	2.22	2.22	2.22	2.23	2.20	2.20	2.22	2.22	2.22	2.21	2.22	2.16							

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	107.0	106.8	106.6	106.5	106.3	106.2	107.0	106.8	106.6	106.5
3.0	107.0	106.7	106.5	106.3	106.2	106.0	106.8	106.6	106.4	106.4
6.0	106.6	106.3	106.1	105.8	105.6	105.4	106.2	105.9	105.9	105.8
9.0	105.7	105.5	105.3	105.0	104.7	104.5	105.2	105.0	105.0	105.0
12.0	104.6	104.5	104.1	103.9	103.5	103.2	103.9	103.7	103.8	103.8
15.0	103.1	103.0	102.7	102.5	101.9	101.7	102.2	102.1	102.2	102.3
18.0	101.3	101.2	100.9	100.7	100.0	99.78	100.3	100.1	100.4	100.5
21.0	99.14	99.18	98.77	98.60	97.85	97.61	98.00	97.86	98.21	98.34
24.0	96.68	96.75	96.34	96.19	95.36	95.14	95.41	95.30	95.73	95.85
27.0	93.95	94.04	93.65	93.39	92.60	92.28	92.49	92.47	92.93	93.14
30.0	90.95	91.06	90.68	90.42	89.59	89.13	89.35	89.39	89.84	90.15
33.0	87.67	87.77	87.43	87.11	86.27	85.84	85.95	86.00	86.53	86.84
36.0	84.10	84.23	83.93	83.55	82.71	82.14	82.29	82.41	82.97	83.37
39.0	80.30	80.49	80.15	79.84	78.89	78.36	78.42	78.53	79.17	79.56
42.0	76.27	76.52	76.15	75.92	74.86	74.35	74.32	74.44	75.15	75.54
45.0	72.03	72.29	71.99	71.88	70.65	70.13	70.00	70.19	70.92	71.36
48.0	67.59	67.96	67.71	67.77	66.19	65.62	65.53	65.70	66.48	66.92
51.0	62.95	63.35	63.37	63.33	61.57	61.11	60.89	61.06	61.90	62.34
54.0	58.14	58.59	58.88	58.69	56.77	56.33	56.07	56.30	57.12	57.60
57.0	53.18	53.74	54.17	53.85	51.84	51.37	51.15	51.32	52.21	52.66
60.0	48.13	48.66	49.27	48.69	46.80	46.43	46.05	46.15	47.13	47.57
63.0	42.94	43.48	44.06	43.38	41.60	41.24	40.86	41.07	41.93	42.43
66.0	37.64	38.29	38.69	38.05	36.31	35.87	35.61	35.82	36.67	37.11
69.0	32.32	32.95	33.23	32.55	30.99	30.70	30.27	30.46	31.33	31.87
72.0	26.93	27.64	27.72	27.20	25.63	25.34	24.96	25.17	25.94	26.81
75.0	21.61	22.15	22.24	22.09	20.33	20.08	19.73	19.90	20.60	21.29
78.0	16.37	17.11	16.85	16.81	15.15	15.11	14.73	14.77	15.42	15.83
81.0	11.60	12.00	11.84	11.70	10.44	10.40	10.14	10.18	10.53	10.92
84.0	7.534	7.898	7.470	7.380	6.463	6.685	6.456	6.374	6.319	6.466
87.0	4.283	4.668	4.278	4.107	3.727	4.156	3.828	3.716	3.426	3.244
90.0	2.293	2.675	2.853	2.879	2.571	2.561	2.097	2.164	2.054	2.179
93.0	1.354	1.803	2.519	2.809	2.367	1.960	1.311	1.589	1.855	2.086
96.0	1.161	1.751	2.418	2.784	2.332	1.895	1.176	1.513	1.804	2.062
99.0	1.161	1.716	2.352	2.769	2.262	1.839	1.156	1.493	1.724	2.031
102.0	1.181	1.714	2.312	2.754	2.221	1.794	1.150	1.448	1.663	1.975
105.0	1.241	1.714	2.277	2.704	2.171	1.752	1.147	1.397	1.661	1.940
108.0	1.281	1.719	2.242	2.663	2.141	1.737	1.144	1.377	1.659	1.900
111.0	1.337	1.729	2.196	2.563	2.131	1.735	1.141	1.362	1.657	1.870
114.0	1.402	1.744	2.176	2.468	2.101	1.732	1.146	1.360	1.656	1.845
117.0	1.447	1.753	2.156	2.402	2.086	1.730	1.161	1.364	1.661	1.809
120.0	1.492	1.765	2.136	2.367	2.066	1.744	1.191	1.368	1.669	1.784
123.0	1.533	1.784	2.106	2.317	2.051	1.754	1.242	1.372	1.684	1.781
126.0	1.573	1.794	2.076	2.287	2.030	1.774	1.297	1.417	1.699	1.784
129.0	1.633	1.809	2.061	2.236	2.015	1.799	1.357	1.447	1.714	1.788
132.0	1.663	1.829	2.045	2.196	2.000	1.824	1.418	1.493	1.734	1.791
135.0	1.739	1.840	2.030	2.146	1.991	1.855	1.483	1.528	1.764	1.794
138.0	1.759	1.865	2.026	2.111	1.992	1.875	1.553	1.568	1.789	1.797
141.0	1.804	1.895	2.027	2.102	1.993	1.900	1.604	1.613	1.819	1.794
144.0	1.839	1.920	2.027	2.094	1.994	1.940	1.674	1.658	1.850	1.814
147.0	1.884	1.945	2.028	2.086	1.995	1.975	1.739	1.729	1.870	1.834
150.0	1.920	1.980	2.029	2.081	2.010	2.010	1.794	1.774	1.905	1.864
153.0	1.965	2.020	2.030	2.091	2.050	2.046	1.860	1.829	1.935	1.885
156.0	1.990	2.051	2.039	2.116	2.059	2.076	1.915	1.884	1.960	1.910
159.0	2.035	2.086	2.051	2.131	2.070	2.111	1.975	1.930	2.000	1.940
162.0	2.065	2.121	2.076	2.151	2.101	2.146	2.031	1.980	2.041	1.980
165.0	2.106	2.146	2.121	2.171	2.120	2.161	2.081	2.040	2.091	2.035
168.0	2.127	2.176	2.133	2.201	2.139	2.186	2.126	2.065	2.131	2.065
171.0	2.151	2.196	2.146	2.216	2.156	2.190	2.161	2.116	2.166	2.121
174.0	2.166	2.211	2.171	2.231	2.166	2.193	2.196	2.134	2.191	2.131
177.0	2.191	2.216	2.196	2.231	2.196	2.196	2.216	2.156	2.221	2.161
180.0	2.216	2.216	2.221	2.231	2.196	2.196	2.221	2.216	2.221	2.211
G/C	300.0	330.0								
0.0	106.3	106.2								
3.0	106.2	106.2								
6.0	105.8	105.7								
9.0	105.0	104.9								
12.0	103.9	103.8								
15.0	102.4	102.3								
18.0	100.6	100.5								
21.0	98.55	98.38								
24.0	96.16	95.95								
27.0	93.46	93.26								
30.0	90.42	90.27								

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:

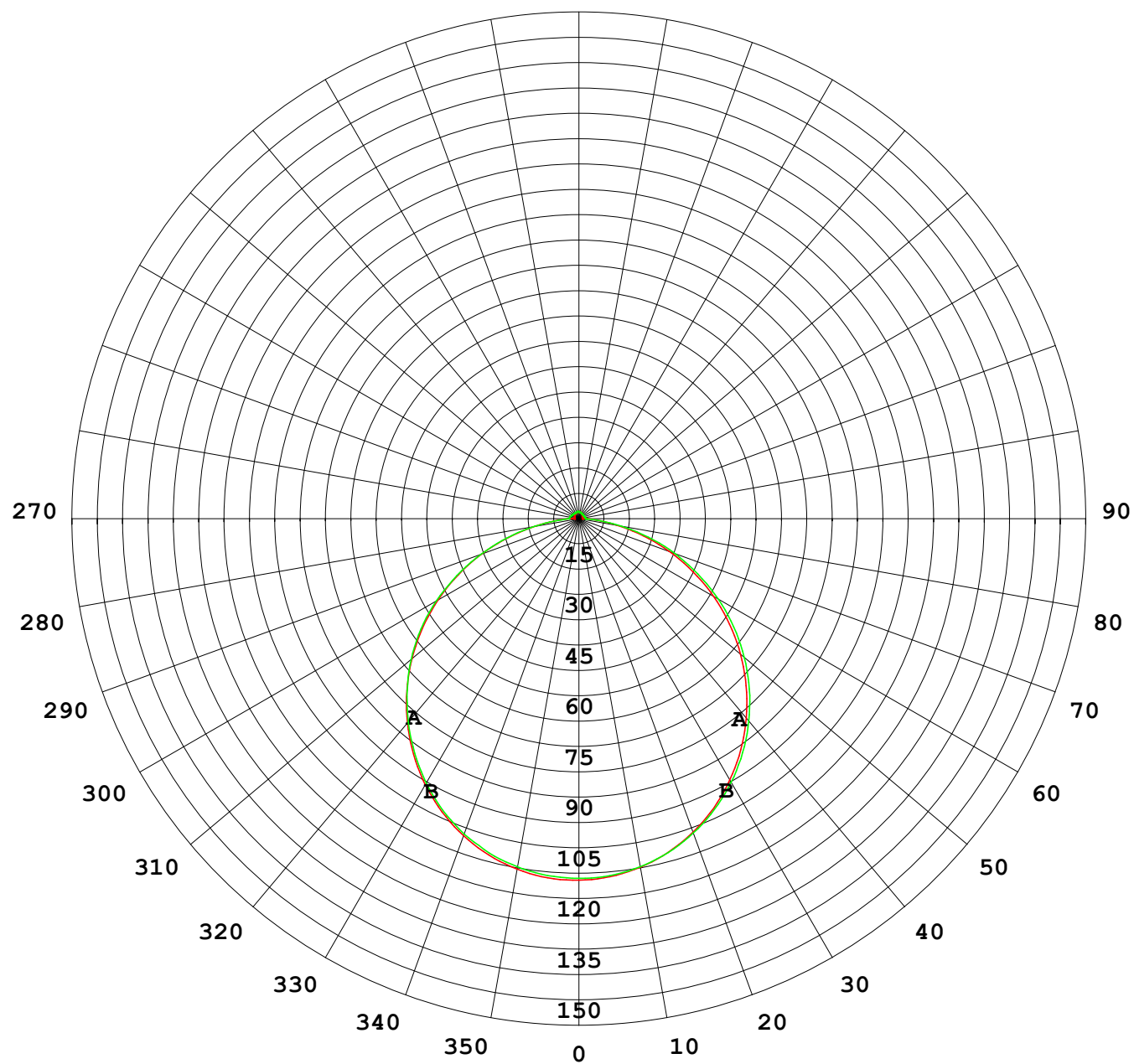
Photometric Data Table [cd]

33.0	87.15	87.01
36.0	83.65	83.50
39.0	79.90	79.71
42.0	75.93	75.70
45.0	71.73	71.55
48.0	67.34	67.13
51.0	62.80	62.53
54.0	58.05	57.83
57.0	53.16	52.90
60.0	48.11	47.86
63.0	42.93	42.70
66.0	37.68	37.44
69.0	32.32	32.11
72.0	26.92	26.76
75.0	21.52	21.40
78.0	16.25	16.15
81.0	11.21	11.33
84.0	6.729	7.109
87.0	3.445	3.773
90.0	1.666	1.819
93.0	1.382	1.001
96.0	1.418	0.8979
99.0	1.452	0.9072
102.0	1.473	0.9166
105.0	1.498	0.9347
108.0	1.513	0.9898
111.0	1.518	1.015
114.0	1.523	1.085
117.0	1.528	1.111
120.0	1.543	1.161
123.0	1.568	1.196
126.0	1.588	1.241
129.0	1.598	1.296
132.0	1.623	1.347
135.0	1.654	1.407
138.0	1.684	1.457
141.0	1.714	1.523
144.0	1.754	1.573
147.0	1.784	1.643
150.0	1.819	1.709
153.0	1.865	1.764
156.0	1.900	1.819
159.0	1.955	1.889
162.0	2.000	1.925
165.0	2.046	1.975
168.0	2.106	2.045
171.0	2.136	2.066
174.0	2.176	2.111
177.0	2.206	2.131
180.0	2.216	2.156

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

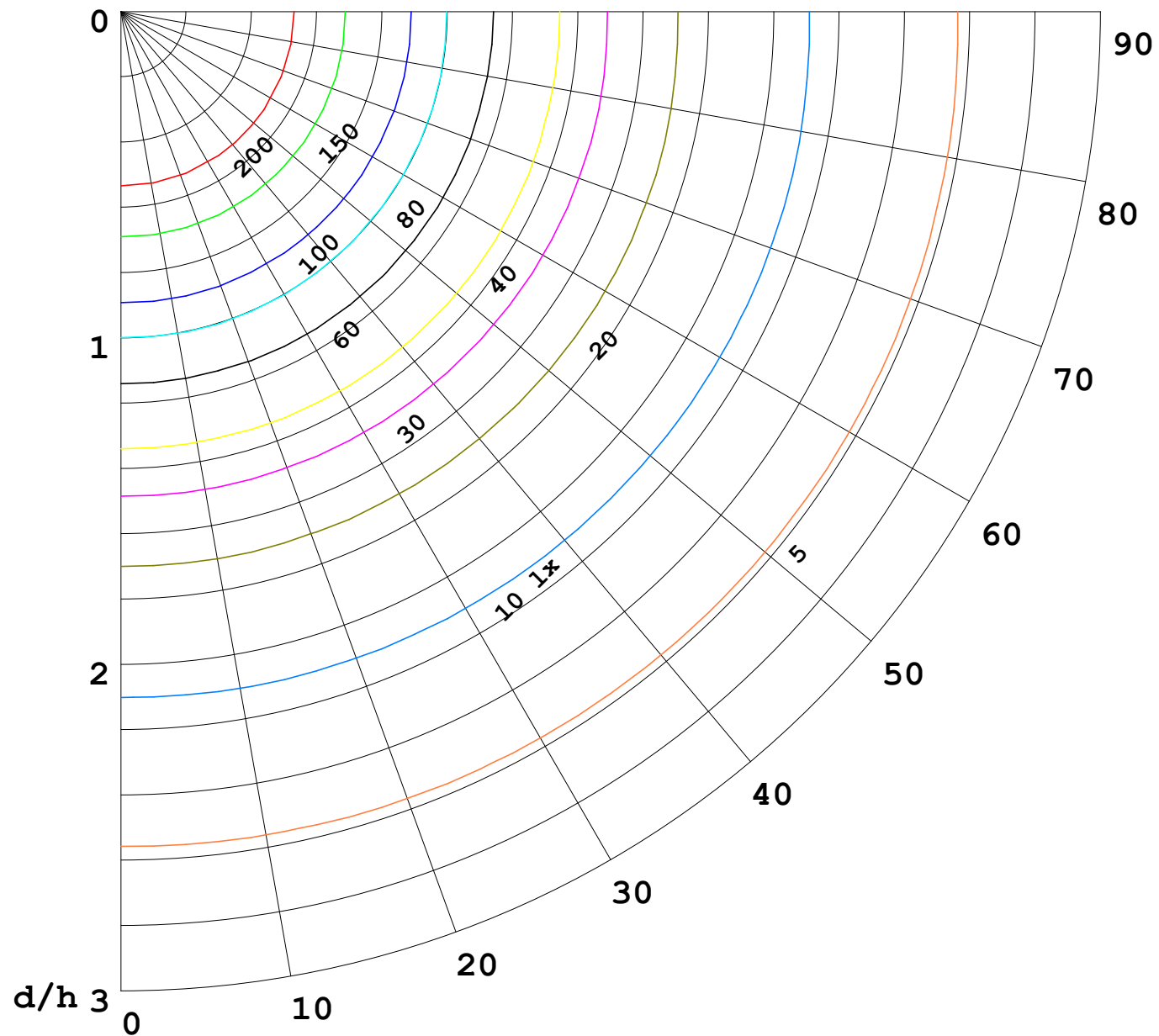
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

