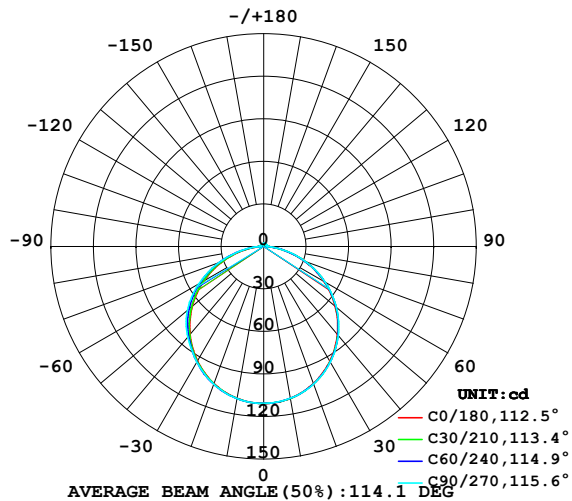


LUMINAIRE PHOTOMETRIC TEST REPORT

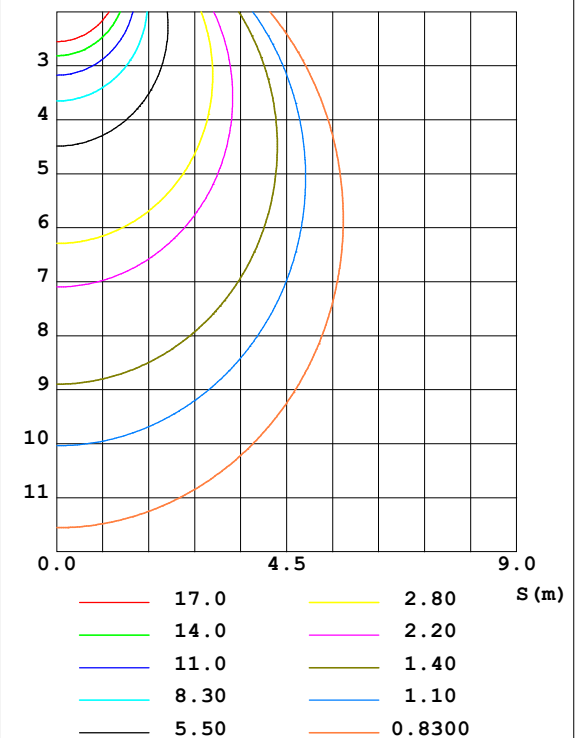
Test:U:24.00V I:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.87 lm/W			
MODEL	2835	I _{max} (cd)	110.8	S/MH (C0/180)	1.25
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	333.89	η UP, DN (C0-180)	1.8, 47.9
NOMINAL FLUX (lm)	333.876	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.6
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)



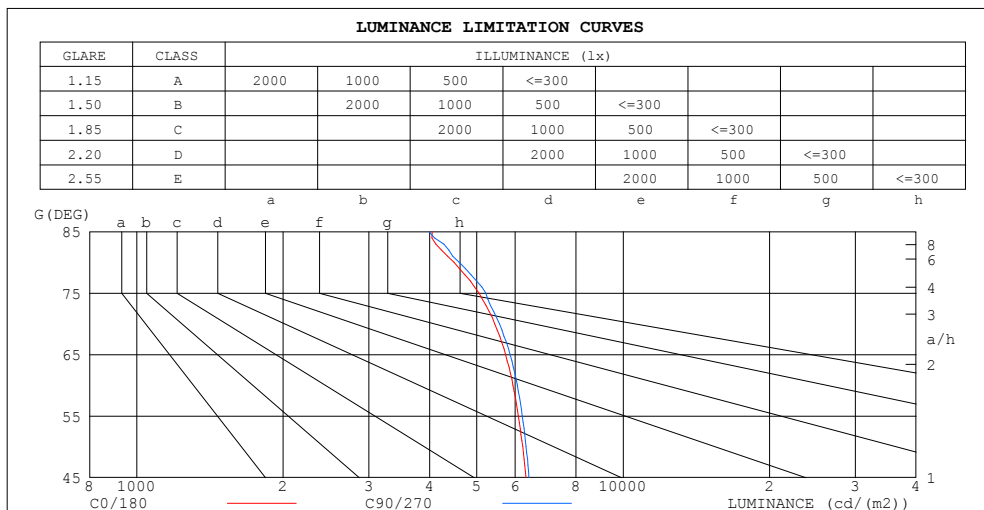
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	108.8	108.8	108.8	108.6	108.8	108.9	109.0	108.7	0- 10	10.47	10.47	3.14,3.14
20	102.8	103.1	103.2	102.8	102.9	103.2	103.4	103.0	10- 20	30.02	40.50	12.1,12.1
30	93.45	93.88	94.12	93.57	93.36	94.02	94.36	93.75	20- 30	45.55	86.04	25.8,25.8
40	80.93	81.55	81.87	81.16	80.84	81.94	83.36	81.58	30- 40	55.07	141.1	42.3,42.3
50	65.92	66.66	66.99	66.20	65.76	67.59	70.33	67.22	40- 50	57.56	198.7	59.5,59.5
60	48.96	49.65	49.96	49.19	48.79	50.75	52.89	50.21	50- 60	52.51	251.2	75.2,75.2
70	30.72	31.29	31.42	30.75	30.54	32.36	33.53	31.92	60- 70	40.45	291.6	87.3,87.3
80	12.87	13.04	13.19	12.64	12.57	13.87	14.70	13.53	70- 80	23.50	315.1	94.4,94.4
90	2.056	2.224	2.428	2.146	1.891	2.700	3.052	2.265	80- 90	7.187	322.3	96.5,96.5
100	1.239	1.726	2.221	1.667	0.9473	2.078	2.739	1.674	90-100	2.077	324.4	97.2,97.2
110	1.382	1.792	2.131	1.710	0.9953	1.942	2.468	1.592	100-110	1.870	326.3	97.7,97.7
120	1.528	1.853	2.101	1.796	1.186	1.795	2.176	1.503	110-120	1.735	328.0	98.2,98.2
130	1.693	1.907	2.106	1.898	1.387	1.707	1.920	1.545	120-130	1.571	329.6	98.7,98.7
140	1.834	1.978	2.122	1.967	1.609	1.721	1.809	1.636	130-140	1.391	331.0	99.1,99.1
150	1.970	2.051	2.151	2.063	1.825	1.850	1.854	1.807	140-150	1.183	332.1	99.5,99.5
160	2.111	2.143	2.216	2.164	2.031	2.018	1.995	2.003	150-160	0.9306	333.1	99.8,99.8
170	2.201	2.224	2.268	2.242	2.186	2.169	2.141	2.154	160-170	0.6061	333.7	99.9,99.9
180	2.252	2.244	2.267	2.249	2.252	2.254	2.267	2.259	170-180	0.2121	333.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4050	3987
80	4493	4603
75	5052	5213
70	5443	5568
65	5727	5857
60	5935	6056
55	6089	6203
50	6216	6316
45	6318	6404

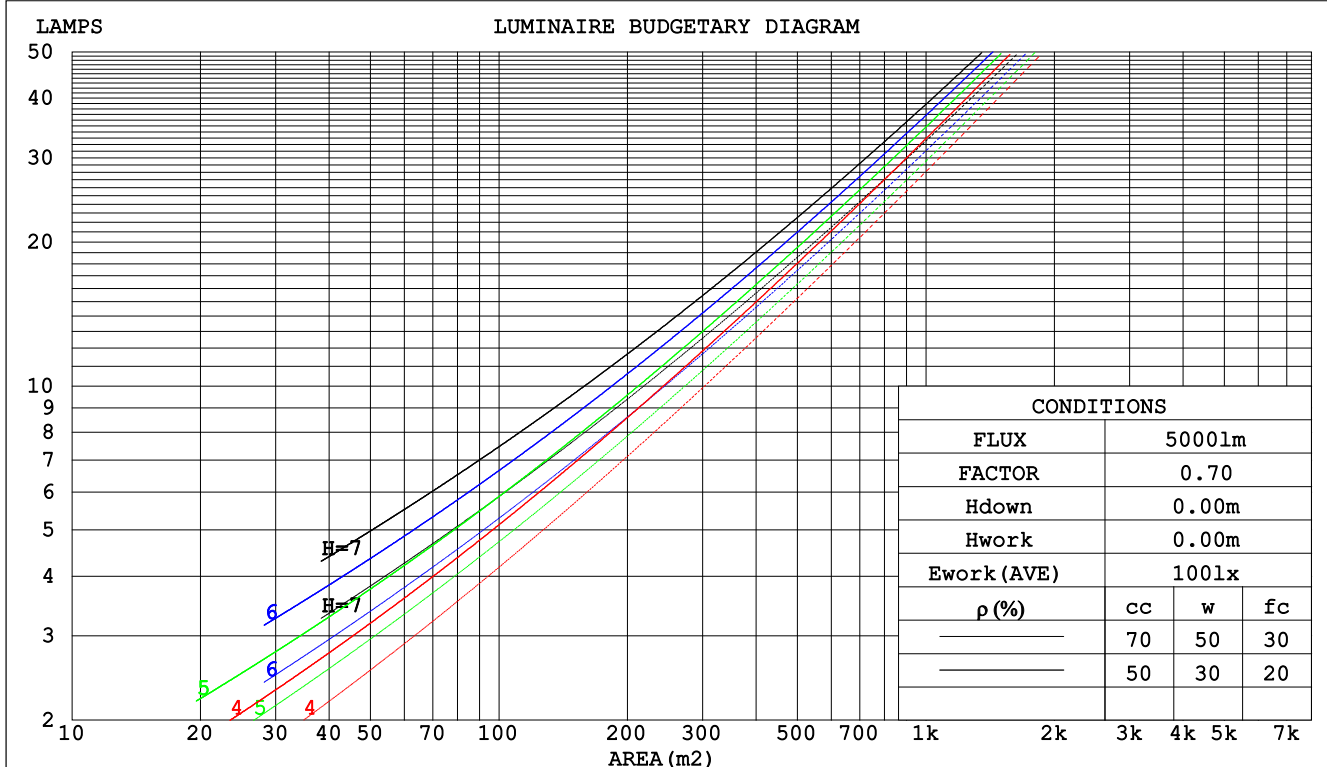
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	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
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	.97
1.0	1.03	.98	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.82	.77	.87	.81	.75	.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	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.48
5.0	.62	.53	.46	.60	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.35	.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:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	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	.314	.178	.057	.306	.174	.055	.290	.167	.053	.276	.159	.051	.263	.153	.049		
2.0	.294	.161	.049	.286	.158	.049	.273	.152	.047	.260	.146	.046	.249	.141	.044		
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.241	.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	.025	.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	.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	.061	.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	.109	.066	.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	.018	.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:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm										
NAME: SF16-24V-2835-120-2700+5700-80-2700					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	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	20.8	22.2	22.5	20.6	21.9	20.9	22.2	22.5
4H	21.1	22.4	21.5	22.7	23.0	21.2	22.5	21.5	22.8	23.1
6H	21.5	22.7	21.9	23.1	23.4	21.6	22.8	22.0	23.2	23.5
8H	21.7	22.8	22.0	23.2	23.5	21.7	22.9	22.1	23.3	23.6
12H	21.7	22.9	22.1	23.2	23.6	21.8	23.0	22.2	23.3	23.7
4H 2H	19.6	20.9	20.0	21.2	21.5	19.6	20.9	20.0	21.2	21.6
3H	21.3	22.4	21.7	22.8	23.2	21.3	22.5	21.7	22.8	23.2
4H	22.0	23.1	22.5	23.5	23.9	22.1	23.1	22.5	23.5	23.9
6H	22.6	23.5	23.0	23.9	24.3	22.6	23.5	23.1	24.0	24.4
8H	22.8	23.6	23.2	24.0	24.5	22.8	23.7	23.3	24.1	24.6
12H	22.9	23.7	23.4	24.1	24.6	22.9	23.7	23.4	24.2	24.6
8H 4H	22.3	23.1	22.8	23.6	24.0	22.3	23.2	22.8	23.6	24.1
6H	23.0	23.7	23.5	24.2	24.7	23.0	23.7	23.5	24.2	24.7
8H	23.2	23.9	23.8	24.4	24.9	23.3	23.9	23.8	24.4	24.9
12H	23.5	24.0	24.0	24.5	25.1	23.5	24.0	24.0	24.5	25.1
12H 4H	22.3	23.1	22.8	23.5	24.0	22.3	23.1	22.8	23.6	24.1
6H	23.0	23.7	23.6	24.2	24.7	23.1	23.7	23.6	24.2	24.7
8H	23.3	23.9	23.9	24.4	24.9	23.4	23.9	23.9	24.4	25.0
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	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 333.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.8)

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:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

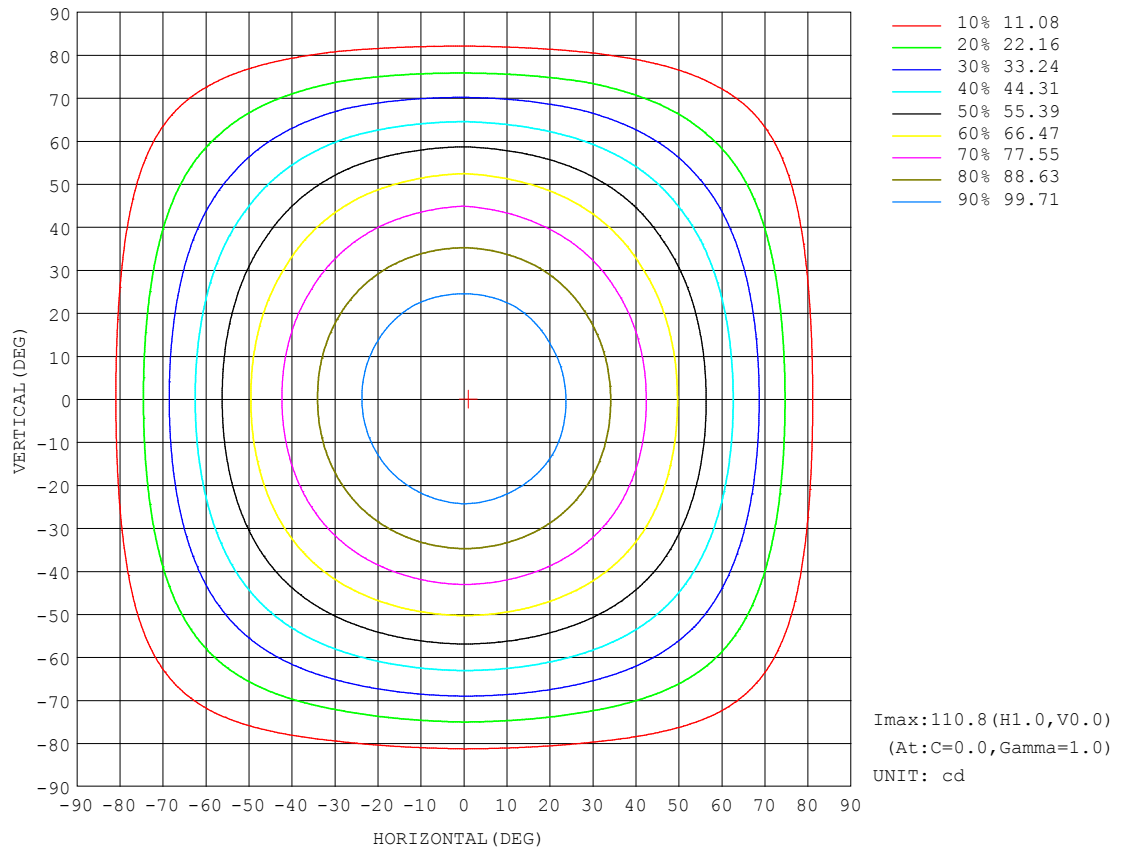
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	70	64	55	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	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	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					SHRNM = 1.25		

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:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

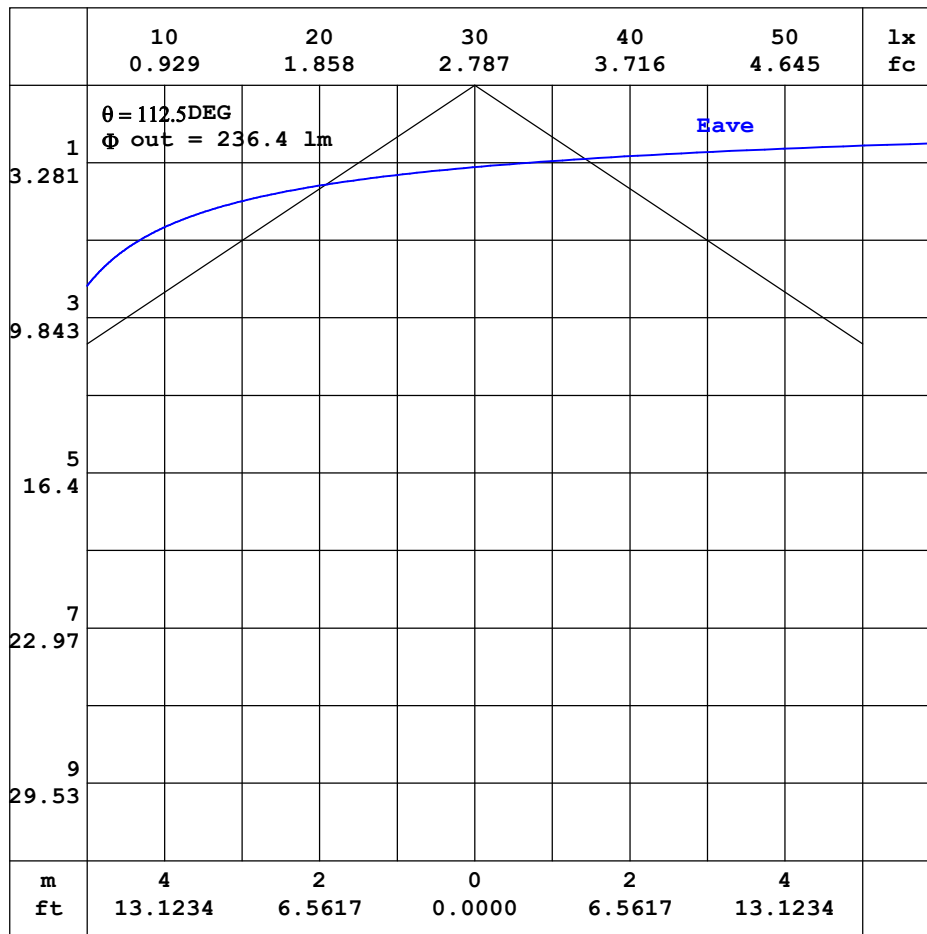


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



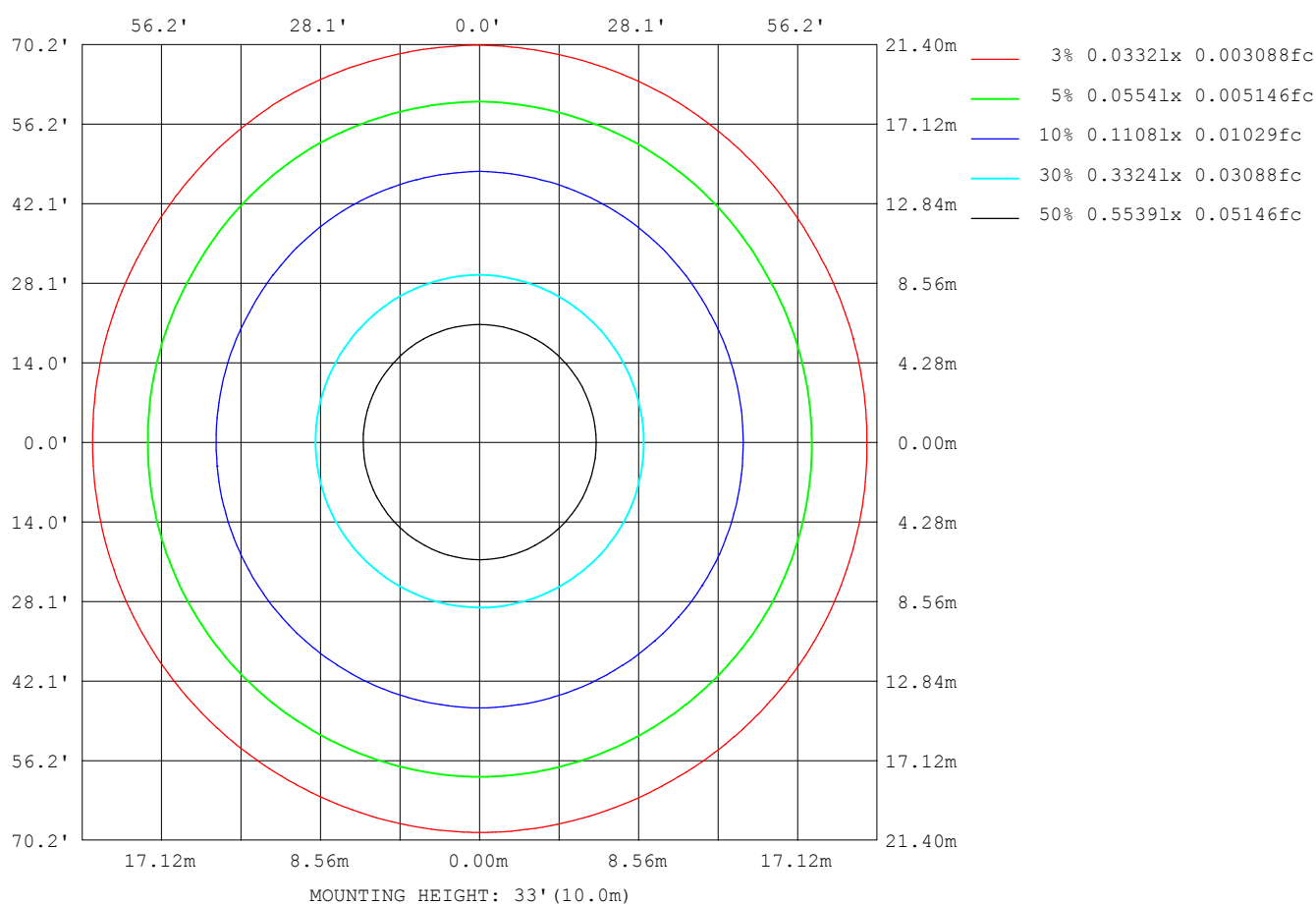
Note: The Curves indicate the illuminated area and the average illuminance when the luminaire is at different distance.

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

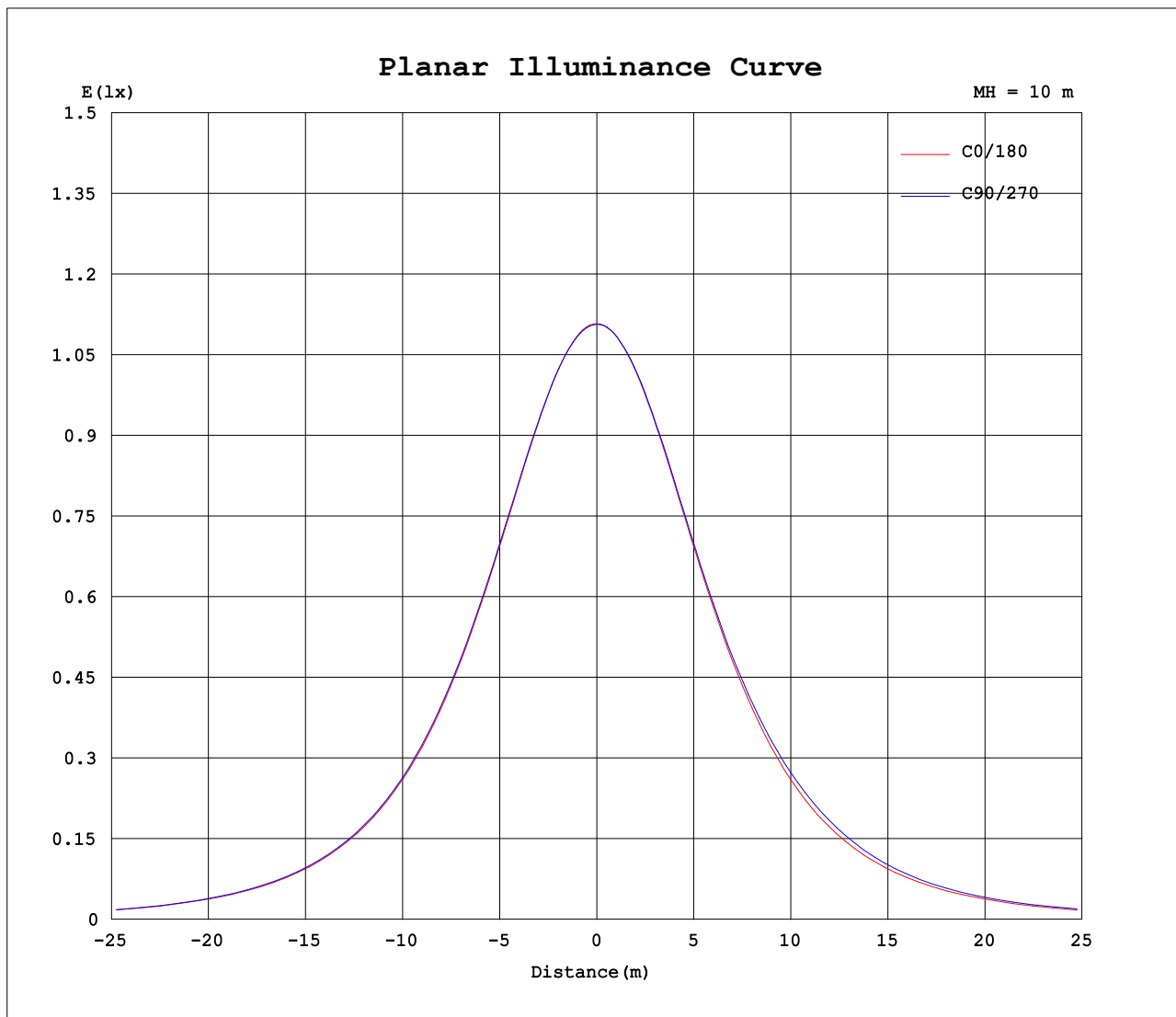
Test:U:24.00V I:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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

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: 2022-03-28

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3579A P:8.589W PF:1.000 Lamp Flux:333.876x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-2700	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	111	111	111	111	111	111	111	111	111	111	111	111						
5	110	110	110	110	110	110	110	110	110	110	110	110						
10	109	109	109	109	109	109	109	109	109	109	109	109						
15	106	106	106	106	106	106	106	106	107	107	107	106						
20	103	103	103	103	103	103	103	103	103	103	103	103						
25	98.5	98.9	98.9	99.1	98.7	98.5	98.5	98.8	99.3	99.2	99.2	98.4						
30	93.4	93.8	93.9	94.1	93.7	93.4	93.4	93.8	94.3	94.4	94.1	93.4						
35	87.5	88.0	88.1	88.3	87.9	87.5	87.4	87.9	88.6	88.9	88.4	87.5						
40	80.9	81.5	81.6	81.9	81.3	81.0	80.8	81.4	82.5	83.4	82.1	81.0						
45	73.7	74.4	74.5	74.7	74.2	73.8	73.6	74.2	76.0	77.4	75.5	74.0						
50	65.9	66.6	66.7	67.0	66.4	66.0	65.8	66.4	68.8	70.3	68.3	66.1						
55	57.6	58.3	58.3	58.7	58.1	57.7	57.5	58.1	60.8	62.0	60.3	57.8						
60	49.0	49.7	49.6	50.0	49.3	49.1	48.8	49.4	52.1	52.9	51.4	49.1						
65	39.9	40.7	40.5	40.8	40.1	40.0	39.8	40.4	43.0	43.4	42.1	40.1						
70	30.7	31.4	31.2	31.4	30.8	30.7	30.5	31.1	33.6	33.5	32.9	30.9						
75	21.6	22.1	21.9	22.3	21.4	21.5	21.3	22.0	23.9	23.6	23.4	21.7						
80	12.9	13.2	12.9	13.2	12.5	12.8	12.6	13.3	14.5	14.7	14.1	13.0						
85	5.82	5.96	5.71	5.73	5.29	5.75	5.58	6.13	6.64	6.86	6.28	5.75						
90	2.06	2.14	2.31	2.43	2.08	2.21	1.89	2.53	2.87	3.05	2.54	1.99						
95	1.23	1.43	2.05	2.39	1.83	1.55	1.01	1.87	2.53	2.90	2.17	1.26						
100	1.24	1.47	1.98	2.22	1.81	1.52	0.95	1.74	2.42	2.74	2.12	1.23						
105	1.28	1.54	1.98	2.20	1.82	1.53	0.94	1.66	2.35	2.61	2.06	1.24						
110	1.38	1.60	1.98	2.13	1.83	1.59	1.00	1.64	2.25	2.47	1.94	1.24						
115	1.46	1.67	1.98	2.10	1.88	1.64	1.09	1.61	2.13	2.32	1.84	1.24						
120	1.53	1.72	1.98	2.10	1.89	1.70	1.19	1.59	1.99	2.18	1.74	1.27						
125	1.61	1.78	1.98	2.10	1.92	1.77	1.29	1.60	1.88	2.03	1.70	1.32						
130	1.69	1.83	1.98	2.11	1.97	1.83	1.39	1.61	1.81	1.92	1.69	1.40						
135	1.76	1.88	2.00	2.11	1.98	1.88	1.50	1.61	1.80	1.85	1.69	1.49						
140	1.83	1.94	2.02	2.12	1.98	1.95	1.61	1.65	1.79	1.81	1.70	1.57						
145	1.90	1.99	2.05	2.13	2.01	2.01	1.71	1.72	1.82	1.82	1.77	1.65						
150	1.97	2.04	2.06	2.15	2.06	2.07	1.82	1.80	1.89	1.85	1.85	1.76						
155	2.04	2.10	2.11	2.19	2.13	2.13	1.93	1.89	1.98	1.90	1.94	1.88						
160	2.11	2.16	2.13	2.22	2.15	2.18	2.03	1.98	2.06	2.00	2.03	1.98						
165	2.15	2.20	2.17	2.25	2.21	2.23	2.12	2.06	2.13	2.07	2.11	2.05						
170	2.20	2.24	2.21	2.27	2.23	2.25	2.19	2.14	2.20	2.14	2.19	2.12						
175	2.22	2.25	2.24	2.27	2.25	2.26	2.25	2.21	2.26	2.21	2.25	2.19						
180	2.25	2.25	2.24	2.27	2.25	2.25	2.25	2.24	2.27	2.27	2.27	2.25						

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	110.8	110.7	110.7	110.7	110.6	110.5	110.8	110.7	110.7	110.7
3.0	110.7	110.6	110.5	110.5	110.4	110.3	110.6	110.6	110.6	110.6
6.0	110.1	110.1	110.0	110.0	109.9	109.8	110.1	110.1	110.1	110.1
9.0	109.2	109.2	109.2	109.1	109.0	108.9	109.2	109.2	109.3	109.3
12.0	107.9	108.0	107.9	108.0	107.8	107.7	107.9	107.9	108.1	108.1
15.0	106.3	106.5	106.4	106.5	106.2	106.1	106.3	106.3	106.7	106.6
18.0	104.3	104.5	104.5	104.6	104.3	104.2	104.3	104.4	104.8	104.8
21.0	102.0	102.3	102.3	102.5	102.1	102.0	102.1	102.2	102.7	102.6
24.0	99.44	99.84	99.77	99.98	99.56	99.42	99.46	99.71	100.2	100.2
27.0	96.57	96.93	96.98	97.17	96.76	96.52	96.53	96.76	97.39	97.26
30.0	93.45	93.81	93.94	94.12	93.70	93.43	93.36	93.78	94.26	94.36
33.0	89.96	90.42	90.55	90.74	90.29	89.97	89.89	90.36	90.92	91.10
36.0	86.26	86.82	86.88	87.09	86.64	86.27	86.17	86.67	87.36	87.79
39.0	82.31	82.75	82.98	83.22	82.72	82.34	82.19	82.69	83.73	84.42
42.0	78.11	78.76	78.82	79.09	78.54	78.19	78.01	78.49	79.95	81.00
45.0	73.72	74.36	74.45	74.72	74.17	73.77	73.56	74.17	76.01	77.38
48.0	69.09	69.73	69.84	70.19	69.55	69.24	68.95	69.57	71.81	73.28
51.0	64.29	65.08	65.05	65.36	64.74	64.45	64.15	64.75	67.27	68.77
54.0	59.32	59.92	60.08	60.40	59.74	59.46	59.18	59.84	62.43	63.81
57.0	54.22	55.01	54.95	55.27	54.59	54.41	54.06	54.69	57.35	58.43
60.0	48.96	49.66	49.64	49.96	49.30	49.07	48.79	49.43	52.07	52.89
63.0	43.62	44.18	44.23	44.50	43.84	43.65	43.39	44.06	46.63	47.24
66.0	38.15	38.80	38.67	38.98	38.26	38.21	37.93	38.59	41.10	41.41
69.0	32.60	33.28	33.08	33.31	32.65	32.58	32.38	33.02	35.49	35.52
72.0	27.05	27.54	27.43	27.60	27.04	27.00	26.82	27.47	29.74	29.63
75.0	21.58	22.11	21.86	22.26	21.40	21.52	21.32	21.98	23.88	23.65
78.0	16.21	16.64	16.34	16.69	15.95	16.09	16.00	16.61	18.19	18.39
81.0	11.25	11.58	11.25	11.51	10.88	11.13	11.01	11.67	12.77	12.89
84.0	6.977	7.145	6.897	7.064	6.495	6.875	6.715	7.295	8.004	8.177
87.0	3.880	3.964	3.725	3.755	3.362	3.874	3.732	4.205	4.536	4.503
90.0	2.056	2.143	2.305	2.428	2.078	2.214	1.891	2.532	2.868	3.052
93.0	1.308	1.432	2.066	2.467	1.860	1.628	1.115	1.946	2.593	2.971
96.0	1.229	1.437	2.001	2.321	1.810	1.528	0.9947	1.850	2.497	2.830
99.0	1.236	1.468	1.995	2.221	1.811	1.523	0.9485	1.774	2.442	2.774
102.0	1.244	1.508	1.980	2.216	1.813	1.519	0.9448	1.699	2.382	2.674
105.0	1.281	1.543	1.980	2.201	1.820	1.533	0.9412	1.664	2.347	2.609
108.0	1.332	1.583	1.980	2.151	1.827	1.568	0.9651	1.654	2.286	2.533
111.0	1.397	1.618	1.980	2.126	1.834	1.588	1.015	1.628	2.226	2.448
114.0	1.437	1.654	1.980	2.101	1.864	1.633	1.066	1.608	2.161	2.357
117.0	1.498	1.689	1.981	2.101	1.887	1.664	1.126	1.603	2.080	2.267
120.0	1.528	1.724	1.982	2.101	1.893	1.699	1.186	1.594	1.995	2.176
123.0	1.583	1.759	1.983	2.101	1.910	1.744	1.242	1.598	1.920	2.096
126.0	1.628	1.789	1.983	2.101	1.945	1.779	1.312	1.601	1.849	2.010
129.0	1.673	1.824	1.984	2.101	1.965	1.819	1.372	1.604	1.809	1.935
132.0	1.729	1.855	1.989	2.109	1.970	1.850	1.443	1.608	1.806	1.890
135.0	1.764	1.880	1.995	2.114	1.975	1.885	1.503	1.611	1.802	1.850
138.0	1.809	1.910	2.010	2.119	1.980	1.925	1.578	1.633	1.797	1.819
141.0	1.854	1.945	2.025	2.123	1.985	1.960	1.634	1.663	1.799	1.812
144.0	1.890	1.975	2.040	2.128	2.000	2.000	1.699	1.719	1.814	1.821
147.0	1.935	2.010	2.046	2.136	2.050	2.030	1.744	1.749	1.855	1.829
150.0	1.970	2.041	2.061	2.151	2.055	2.071	1.825	1.804	1.895	1.854
153.0	2.015	2.076	2.086	2.166	2.081	2.106	1.890	1.859	1.940	1.879
156.0	2.045	2.111	2.121	2.191	2.131	2.141	1.945	1.915	1.985	1.925
159.0	2.086	2.146	2.126	2.211	2.141	2.171	2.006	1.960	2.041	1.975
162.0	2.136	2.171	2.141	2.231	2.166	2.201	2.061	2.035	2.081	2.040
165.0	2.151	2.201	2.166	2.252	2.206	2.227	2.116	2.060	2.131	2.070
168.0	2.191	2.232	2.196	2.267	2.221	2.252	2.166	2.121	2.176	2.121
171.0	2.211	2.244	2.211	2.269	2.236	2.253	2.201	2.151	2.216	2.156
174.0	2.216	2.248	2.236	2.270	2.249	2.255	2.237	2.191	2.252	2.201
177.0	2.221	2.252	2.236	2.272	2.247	2.257	2.252	2.221	2.277	2.216
180.0	2.252	2.252	2.236	2.267	2.247	2.252	2.252	2.236	2.272	2.267
G/C	300.0	330.0								
0.0	110.6	110.5								
3.0	110.5	110.4								
6.0	110.0	109.9								
9.0	109.2	109.0								
12.0	108.0	107.8								
15.0	106.6	106.2								
18.0	104.7	104.3								
21.0	102.5	102.0								
24.0	100.1	99.36								
27.0	97.22	96.57								
30.0	94.13	93.37								

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:

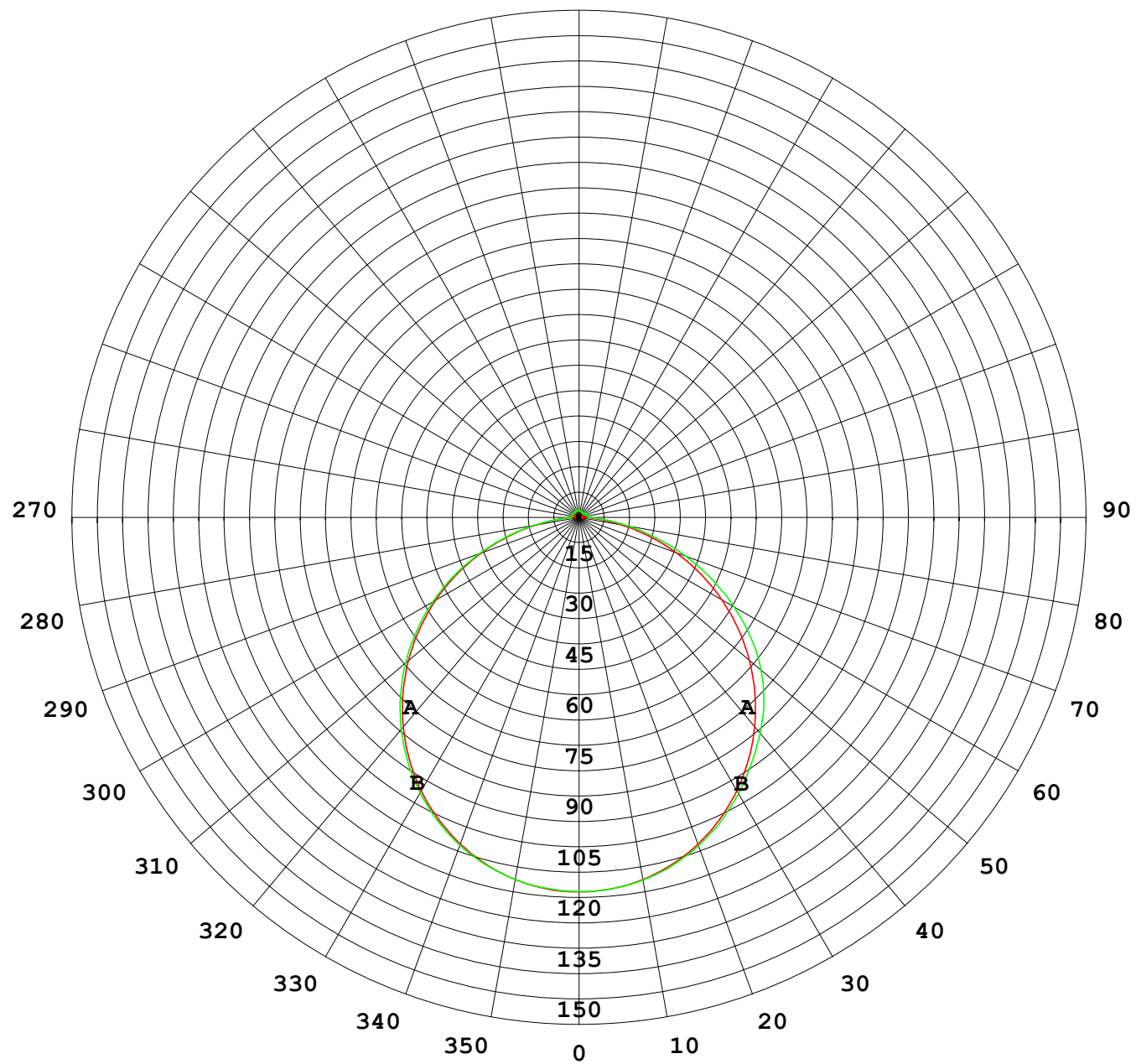
Photometric Data Table [cd]

33.0	90.78	90.11
36.0	87.15	86.21
39.0	83.38	82.48
42.0	79.51	78.30
45.0	75.49	73.95
48.0	71.28	69.26
51.0	66.85	64.42
54.0	61.95	59.64
57.0	56.80	54.44
60.0	51.36	49.06
63.0	45.83	43.94
66.0	40.30	38.14
69.0	34.74	32.95
72.0	29.13	27.16
75.0	23.42	21.65
78.0	17.75	16.39
81.0	12.35	11.32
84.0	7.628	6.980
87.0	4.184	3.832
90.0	2.541	1.989
93.0	2.206	1.343
96.0	2.161	1.237
99.0	2.126	1.232
102.0	2.076	1.234
105.0	2.055	1.236
108.0	1.980	1.238
111.0	1.910	1.240
114.0	1.864	1.236
117.0	1.809	1.246
120.0	1.739	1.266
123.0	1.703	1.317
126.0	1.697	1.337
129.0	1.690	1.387
132.0	1.683	1.427
135.0	1.686	1.487
138.0	1.689	1.518
141.0	1.709	1.578
144.0	1.754	1.638
147.0	1.794	1.723
150.0	1.850	1.764
153.0	1.900	1.814
156.0	1.960	1.885
159.0	2.011	1.960
162.0	2.040	1.990
165.0	2.106	2.050
168.0	2.156	2.096
171.0	2.201	2.126
174.0	2.232	2.161
177.0	2.267	2.206
180.0	2.272	2.247

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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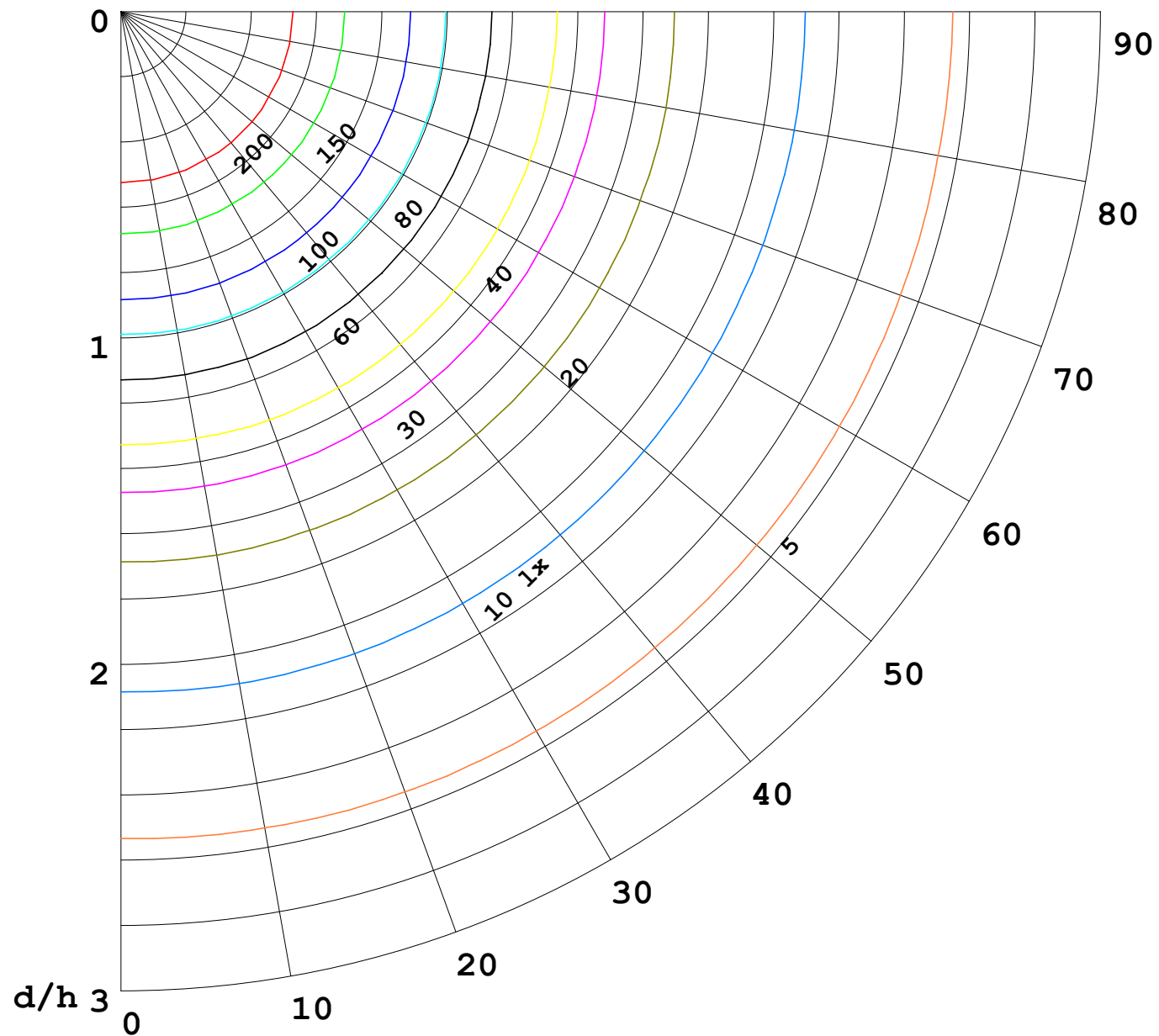
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

