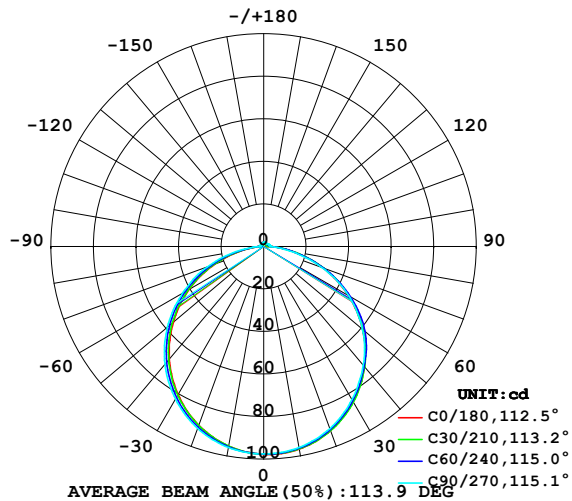


LUMINAIRE PHOTOMETRIC TEST REPORT

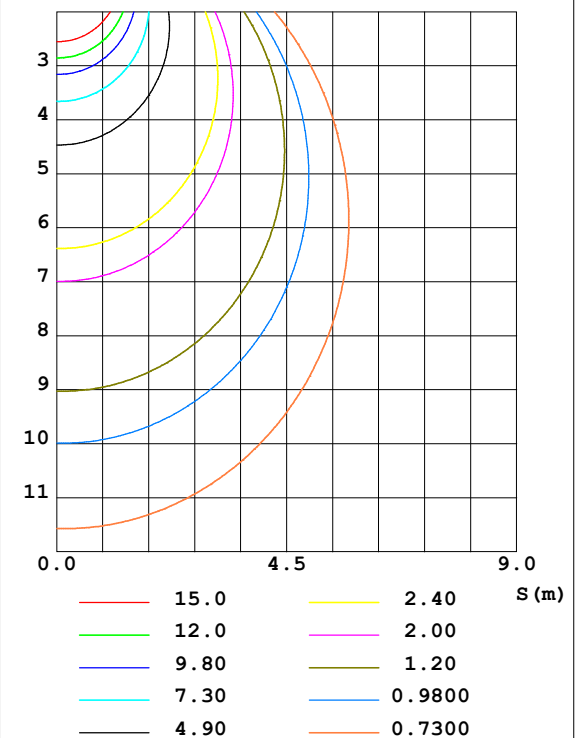
Test:U:24.00V I:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 36.90 lm/W			
MODEL	2835	I _{max} (cd)	97.83	S/MH (C0/180)	1.28
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	294.82	η UP, DN (C0-180)	2.0, 48.8
NOMINAL FLUX (lm)	294.804	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 47.6
LAMPS INSIDE	1	η up (%)	3.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



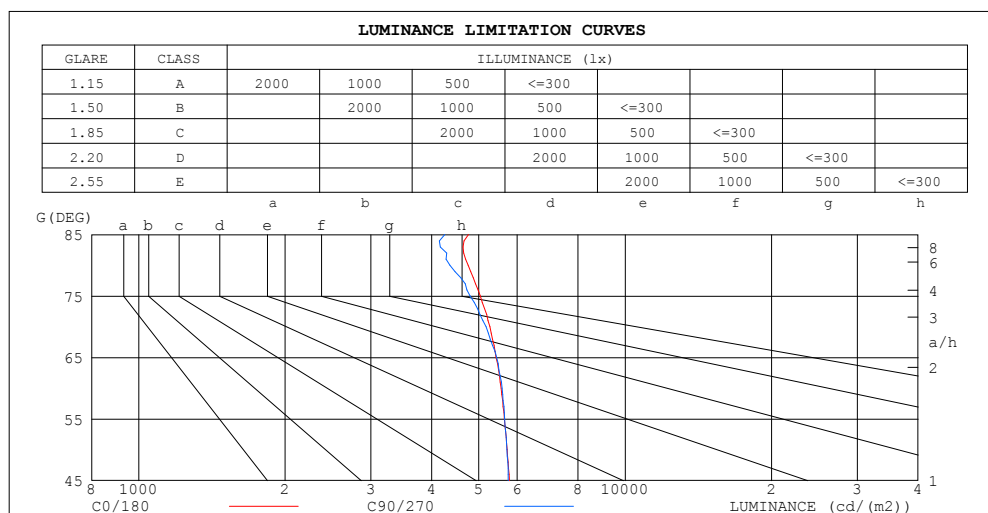
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	96.73	96.47	95.95	95.31	95.29	95.45	95.97	96.37	0- 10	9.237	9.237	3.13,3.13
20	92.11	91.90	91.10	89.79	89.43	89.95	91.03	91.76	10- 20	26.47	35.71	12.1,12.1
30	84.27	84.15	83.14	81.28	80.45	81.41	82.95	84.02	20- 30	40.17	75.88	25.7,25.7
40	73.69	73.74	72.79	70.13	69.04	70.27	72.20	73.44	30- 40	48.55	124.4	42.2,42.2
50	60.70	61.66	60.60	56.91	55.53	56.95	59.14	60.44	40- 50	50.68	175.1	59.4,59.4
60	45.85	46.72	46.09	41.95	40.48	41.89	44.15	45.55	50- 60	46.19	221.3	75.1,75.1
70	29.74	30.26	29.20	25.97	24.47	25.67	28.24	29.41	60- 70	35.66	257.0	87.2,87.2
80	13.62	13.91	12.50	10.27	9.183	9.901	11.84	13.29	70- 80	20.76	277.7	94.2,94.2
90	2.710	3.372	3.211	2.249	1.259	1.553	2.026	2.292	80- 90	6.612	284.3	96.4,96.4
100	1.179	2.242	2.850	1.947	0.7388	1.262	1.880	1.210	90-100	1.993	286.3	97.1,97.1
110	1.191	1.959	2.618	1.905	0.8847	1.309	1.739	1.213	100-110	1.718	288.0	97.7,97.7
120	1.317	1.828	2.307	1.852	1.066	1.372	1.669	1.251	110-120	1.578	289.6	98.2,98.2
130	1.452	1.739	2.005	1.779	1.247	1.450	1.655	1.324	120-130	1.416	291.0	98.7,98.7
140	1.578	1.716	1.809	1.757	1.448	1.528	1.657	1.435	130-140	1.234	292.3	99.1,99.1
150	1.704	1.762	1.819	1.801	1.623	1.641	1.658	1.563	140-150	1.037	293.3	99.5,99.5
160	1.809	1.839	1.900	1.872	1.784	1.769	1.734	1.711	150-160	0.8061	294.1	99.8,99.8
170	1.906	1.925	1.975	1.934	1.930	1.900	1.863	1.857	160-170	0.5262	294.6	99.9,99.9
180	1.980	1.978	1.990	1.965	1.985	1.963	1.985	1.947	170-180	0.1844	294.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4767	4257
80	4754	4363
75	5037	4798
70	5271	5175
65	5427	5446
60	5558	5586
55	5645	5650
50	5723	5714
45	5782	5750

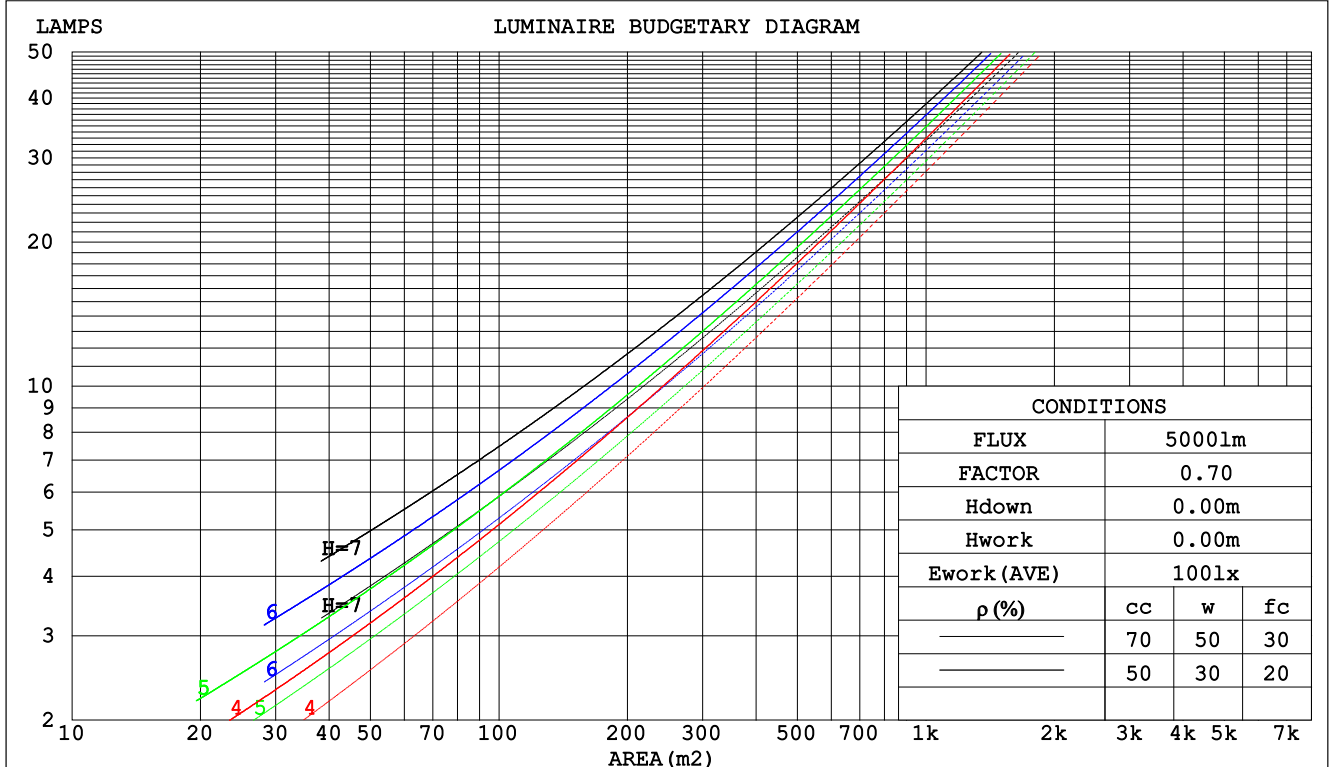
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.98	.94	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.84	.82	.80
2.0	.89	.82	.77	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.46	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.38	.48	.42	.38	.36
7.0	.50	.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	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



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

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

WEC AND CCEC

Test:U:24.00V I:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.315	.179	.057	.306	.175	.056	.291	.167	.053	.277	.160	.051	.264	.153	.049	
2.0	.294	.161	.049	.287	.158	.049	.273	.152	.047	.261	.146	.046	.249	.141	.044	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.242	.132	.041	.231	.128	.040	
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035	
5.0	.231	.118	.034	.226	.116	.034	.216	.112	.033	.207	.109	.032	.199	.106	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.192	.100	.029	.185	.097	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.094	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.025	.182	.090	.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	.155	.076	.021	.149	.074	.021	.144	.072	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.183	.161	.178	.157	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.159	.125	.171	.137	.108	.117	.095	.076	.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	.185	.129	.086	.159	.111	.075	.109	.078	.053	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.075	.152	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.095	.058	.101	.067	.041	.059	.039	.025	.019	.013	.008	
7.0	.163	.103	.061	.141	.090	.053	.097	.063	.038	.056	.037	.023	.018	.012	.007	
8.0	.157	.098	.057	.135	.085	.050	.094	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.151	.093	.053	.130	.080	.047	.090	.057	.033	.052	.033	.020	.017	.011	.007	
10.0	.145	.088	.051	.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:2022-03-28

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:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm										
NAME: SF16-24V-2835-120-2200+5700-80-5700					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	18.9	20.4	19.2	20.6	20.9	18.9	20.4	19.2	20.7	21.0
3H	20.5	21.9	20.9	22.2	22.5	20.5	21.9	20.9	22.2	22.5
4H	21.2	22.5	21.5	22.8	23.1	21.1	22.4	21.5	22.8	23.1
6H	21.7	22.9	22.1	23.3	23.6	21.6	22.8	22.0	23.2	23.5
8H	21.9	23.1	22.3	23.4	23.8	21.7	22.9	22.1	23.3	23.6
12H	22.0	23.1	22.4	23.5	23.9	21.9	23.0	22.3	23.3	23.7
4H 2H	19.5	20.8	19.9	21.1	21.5	19.6	20.9	19.9	21.2	21.5
3H	21.3	22.5	21.8	22.8	23.2	21.3	22.5	21.8	22.8	23.2
4H	22.2	23.2	22.6	23.6	24.0	22.1	23.1	22.5	23.5	23.9
6H	22.8	23.7	23.3	24.1	24.6	22.7	23.6	23.1	24.0	24.5
8H	23.0	23.9	23.5	24.3	24.8	22.9	23.8	23.4	24.2	24.7
12H	23.2	24.0	23.7	24.5	25.0	23.1	23.8	23.5	24.3	24.8
8H 4H	22.5	23.3	22.9	23.7	24.2	22.4	23.3	22.9	23.7	24.2
6H	23.3	24.0	23.8	24.5	25.0	23.2	23.9	23.7	24.3	24.9
8H	23.6	24.3	24.1	24.7	25.3	23.5	24.1	24.0	24.6	25.1
12H	23.9	24.5	24.5	25.0	25.5	23.7	24.3	24.3	24.8	25.3
12H 4H	22.5	23.3	23.0	23.7	24.2	22.4	23.2	22.9	23.7	24.1
6H	23.3	24.0	23.9	24.5	25.0	23.2	23.9	23.8	24.4	24.9
8H	23.7	24.3	24.3	24.8	25.4	23.6	24.2	24.1	24.7	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					+ 0.1 / - 0.4				

CIE Pub.117 Corrected 294.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.2)

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:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

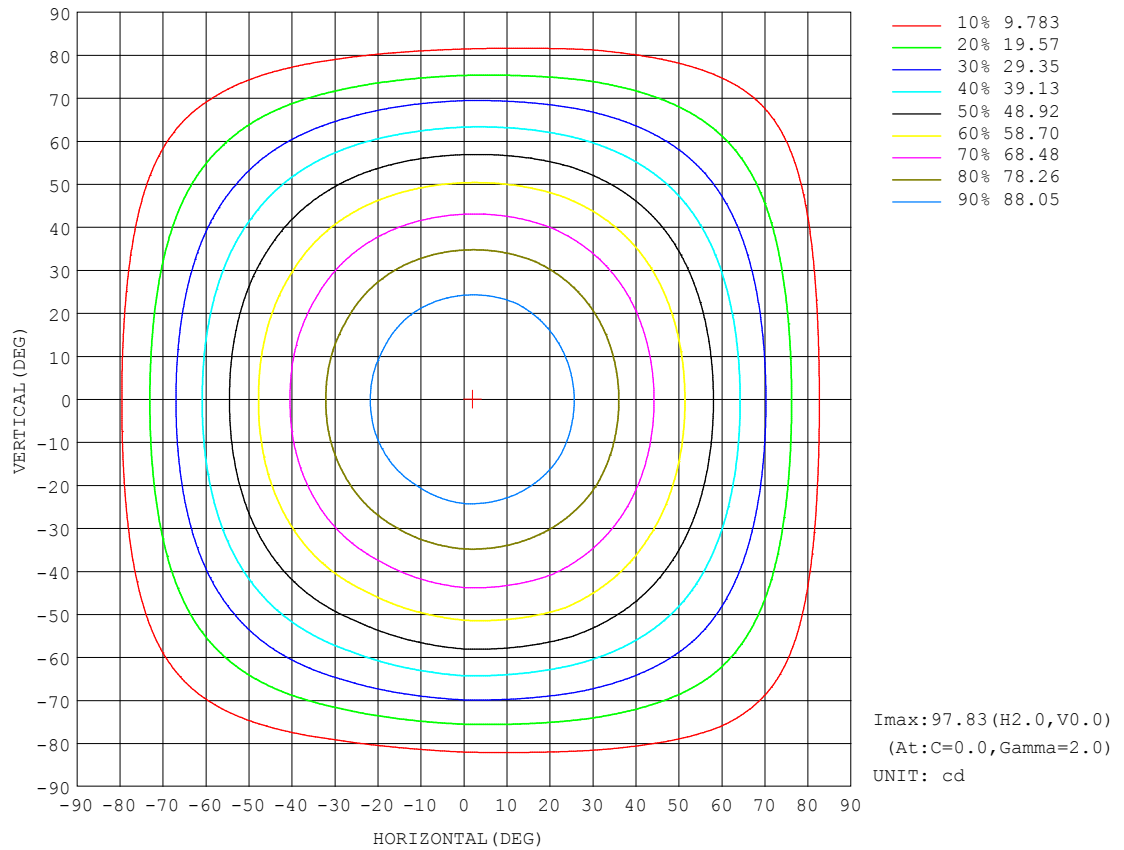
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	70	63	55	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

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

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:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

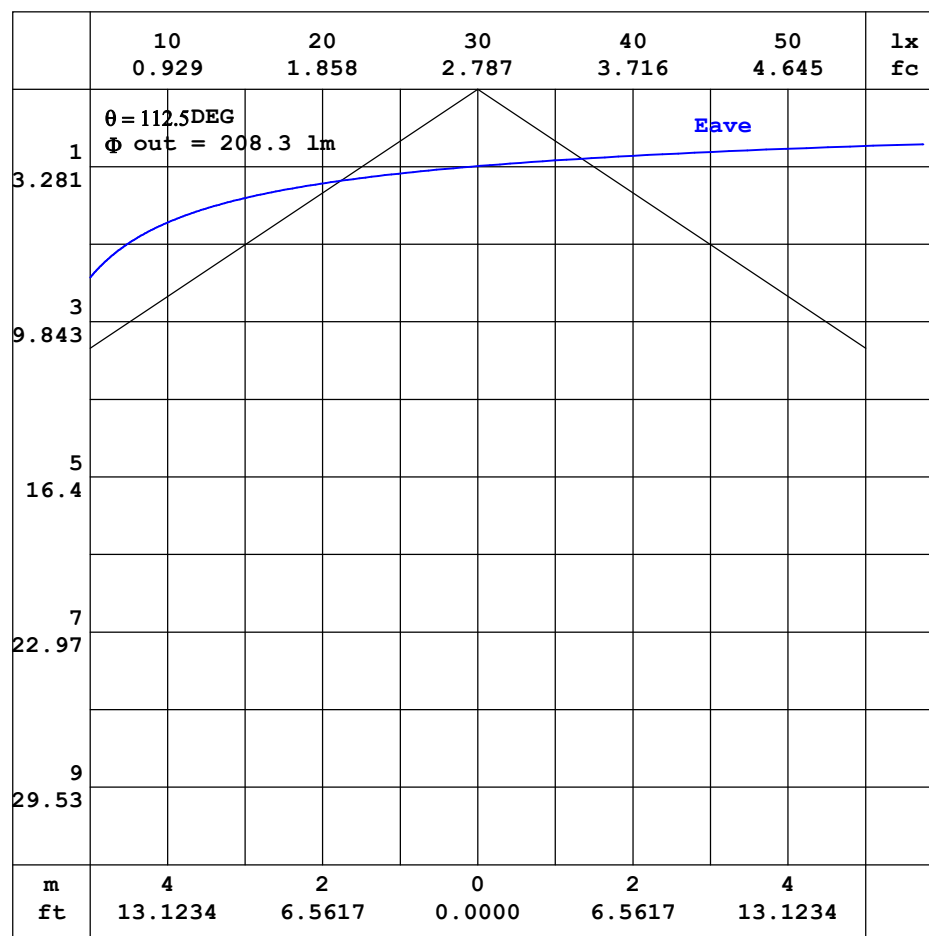


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



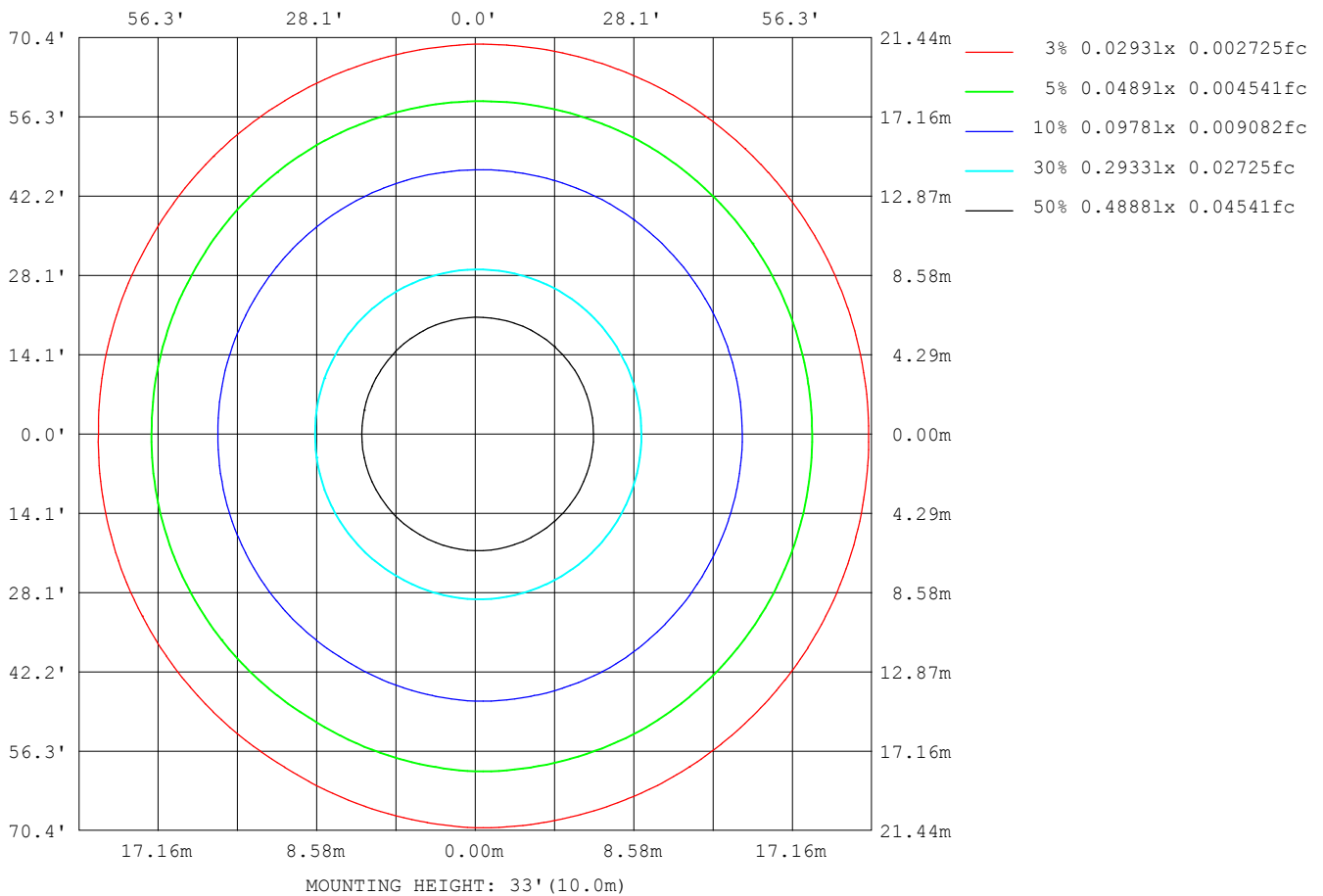
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

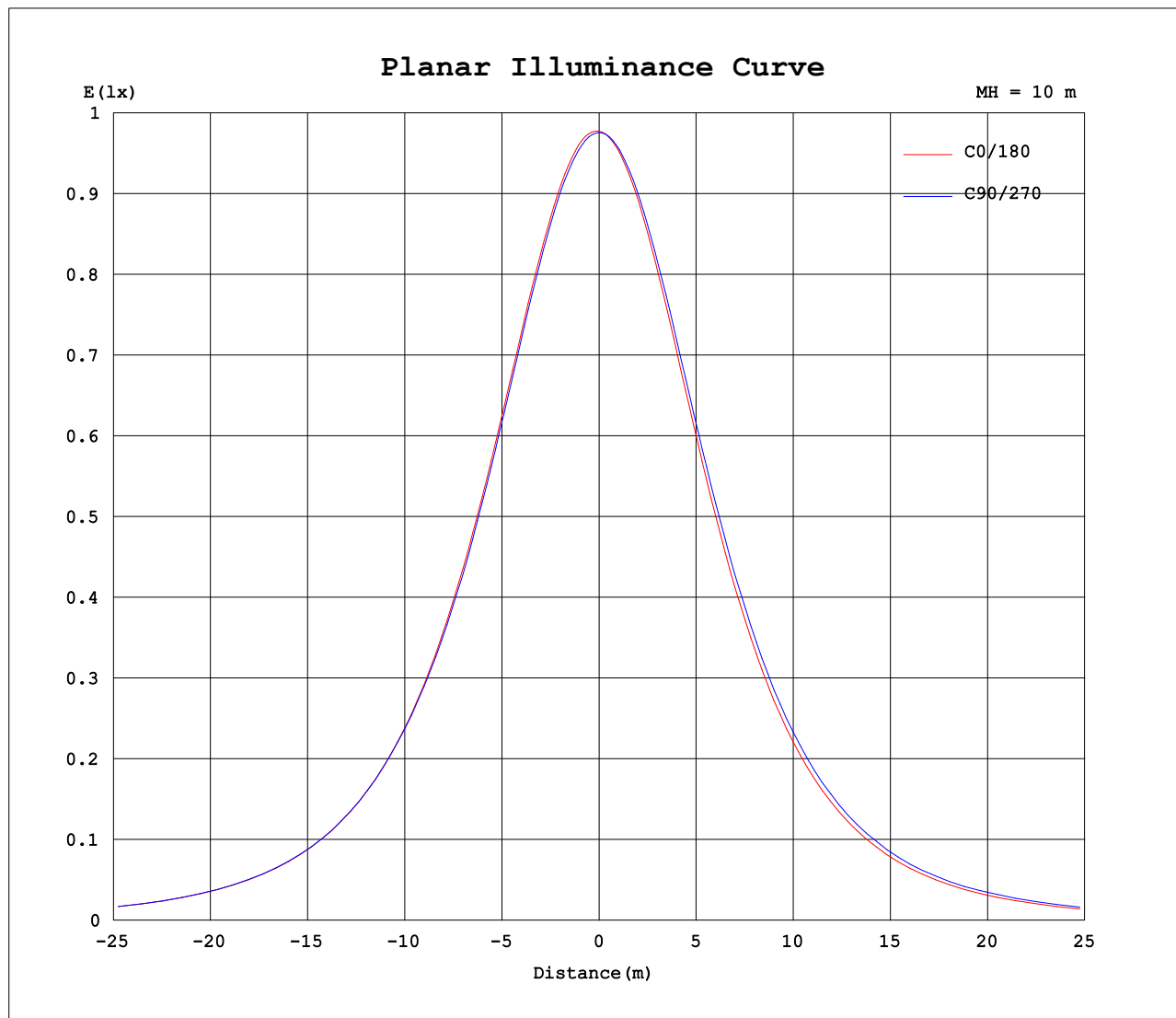
Test:U:24.00V I:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.3329A P:7.989W PF:1.000 Lamp Flux:294.804x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80-5700	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	97.8	97.7	97.6	97.6	97.5	97.5	97.8	97.7	97.6	97.6	97.5	97.5						
5	97.7	97.6	97.4	97.2	96.9	96.8	96.9	96.9	97.0	97.2	97.3	97.5						
10	96.7	96.6	96.3	96.0	95.5	95.2	95.3	95.3	95.6	96.0	96.3	96.5						
15	94.8	94.8	94.4	93.9	93.2	92.7	92.8	92.8	93.4	93.9	94.4	94.6						
20	92.1	92.2	91.6	91.1	90.1	89.5	89.4	89.5	90.4	91.0	91.7	91.8						
25	88.6	88.7	88.1	87.5	86.2	85.6	85.3	85.5	86.6	87.3	88.2	88.3						
30	84.3	84.5	83.8	83.1	81.7	80.9	80.4	80.8	82.0	83.0	83.9	84.1						
35	79.3	79.5	78.9	78.1	76.5	75.5	75.0	75.5	76.8	77.9	78.9	79.2						
40	73.7	74.0	73.5	72.8	70.7	69.6	69.0	69.5	71.0	72.2	73.3	73.6						
45	67.5	67.8	68.3	67.1	64.3	63.2	62.5	63.2	64.6	66.0	67.1	67.3						
50	60.7	61.1	62.3	60.6	57.4	56.4	55.5	56.2	57.7	59.1	60.3	60.6						
55	53.4	53.9	55.0	53.5	50.1	49.0	48.2	48.7	50.4	51.9	53.1	53.3						
60	45.9	46.4	47.1	46.1	42.5	41.4	40.5	41.1	42.7	44.1	45.4	45.7						
65	37.8	38.5	38.7	38.0	34.7	33.5	32.5	33.1	34.7	36.6	37.5	37.7						
70	29.7	30.3	30.2	29.2	26.6	25.3	24.5	24.9	26.5	28.2	29.3	29.5						
75	21.5	22.1	21.7	20.5	18.3	17.3	16.5	16.8	18.2	20.0	21.2	21.3						
80	13.6	14.2	13.7	12.5	10.7	9.86	9.18	9.35	10.5	11.8	13.3	13.3						
85	6.85	7.32	7.06	6.12	4.78	4.47	3.89	3.85	4.32	5.06	6.36	6.43						
90	2.71	3.27	3.47	3.21	2.52	1.98	1.26	1.44	1.67	2.03	2.33	2.26						
95	1.25	1.96	2.97	3.05	2.31	1.64	0.75	1.07	1.52	1.95	1.55	1.03						
100	1.18	1.77	2.71	2.85	2.30	1.60	0.74	1.03	1.50	1.88	1.46	0.96						
105	1.17	1.60	2.49	2.75	2.25	1.59	0.80	1.04	1.51	1.77	1.45	0.96						
110	1.19	1.59	2.33	2.62	2.21	1.60	0.88	1.09	1.53	1.74	1.45	0.98						
115	1.25	1.58	2.18	2.47	2.15	1.61	0.98	1.14	1.55	1.71	1.45	1.00						
120	1.32	1.58	2.08	2.31	2.08	1.62	1.07	1.19	1.56	1.67	1.46	1.05						
125	1.40	1.58	1.97	2.14	2.01	1.63	1.16	1.25	1.56	1.65	1.47	1.10						
130	1.45	1.59	1.88	2.01	1.92	1.64	1.25	1.31	1.59	1.65	1.49	1.16						
135	1.52	1.61	1.81	1.89	1.85	1.67	1.35	1.36	1.60	1.66	1.51	1.24						
140	1.58	1.65	1.78	1.81	1.81	1.70	1.45	1.43	1.63	1.66	1.55	1.32						
145	1.64	1.69	1.77	1.81	1.80	1.75	1.54	1.51	1.66	1.66	1.59	1.41						
150	1.70	1.74	1.78	1.82	1.80	1.80	1.62	1.58	1.70	1.66	1.62	1.51						
155	1.76	1.80	1.79	1.85	1.80	1.85	1.70	1.67	1.73	1.67	1.68	1.58						
160	1.81	1.86	1.82	1.90	1.84	1.90	1.78	1.74	1.80	1.73	1.75	1.67						
165	1.89	1.91	1.88	1.94	1.90	1.94	1.87	1.81	1.87	1.81	1.82	1.75						
170	1.91	1.95	1.90	1.98	1.91	1.95	1.93	1.88	1.92	1.86	1.89	1.82						
175	1.93	1.97	1.92	1.99	1.97	1.96	1.98	1.90	1.97	1.90	1.95	1.88						
180	1.98	1.97	1.99	1.99	1.97	1.96	1.99	1.94	1.98	1.99	1.98	1.92						

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	97.75	97.70	97.60	97.56	97.54	97.51	97.75	97.70	97.60	97.56
3.0	97.83	97.70	97.61	97.42	97.28	97.17	97.37	97.31	97.35	97.45
6.0	97.60	97.45	97.25	96.98	96.70	96.52	96.70	96.65	96.81	97.03
9.0	96.99	96.87	96.59	96.24	95.81	95.55	95.67	95.66	95.97	96.27
12.0	96.06	96.00	95.62	95.25	94.62	94.30	94.35	94.35	94.83	95.20
15.0	94.84	94.82	94.37	93.93	93.16	92.74	92.76	92.77	93.39	93.90
18.0	93.28	93.30	92.84	92.30	91.41	90.99	90.80	90.93	91.66	92.22
21.0	91.44	91.51	91.00	90.40	89.35	88.85	88.67	88.74	89.67	90.30
24.0	89.35	89.46	88.87	88.29	87.04	86.52	86.21	86.40	87.38	88.18
27.0	86.91	87.09	86.49	85.84	84.48	83.84	83.46	83.68	84.83	85.62
30.0	84.27	84.46	83.83	83.14	81.67	80.89	80.45	80.79	82.02	82.95
33.0	81.40	81.57	80.92	80.19	78.68	77.80	77.28	77.69	78.96	80.04
36.0	78.30	78.49	77.81	77.11	75.39	74.34	73.87	74.29	75.69	76.83
39.0	74.89	75.03	74.59	73.85	71.89	70.84	70.27	70.83	72.21	73.39
42.0	71.24	71.56	71.42	70.68	68.19	67.15	66.49	67.08	68.50	69.76
45.0	67.46	67.81	68.28	67.09	64.30	63.22	62.51	63.17	64.61	65.97
48.0	63.45	63.79	64.75	63.37	60.24	59.06	58.38	58.92	60.55	61.76
51.0	59.26	59.73	60.93	59.25	56.00	54.93	54.11	54.61	56.33	57.66
54.0	54.90	55.28	56.54	54.89	51.60	50.49	49.69	50.37	51.92	53.19
57.0	50.44	50.96	51.85	50.61	47.08	45.87	45.15	45.50	47.39	48.64
60.0	45.85	46.39	47.05	46.09	42.50	41.40	40.48	41.09	42.69	44.15
63.0	41.12	41.54	42.08	41.22	37.89	36.54	35.72	36.14	37.88	39.45
66.0	36.24	36.90	37.01	36.23	33.11	31.82	30.94	31.31	33.03	35.02
69.0	31.37	31.94	31.91	30.96	28.23	26.91	26.06	26.59	28.11	30.07
72.0	26.47	26.96	26.77	25.66	23.28	21.97	21.21	21.49	23.14	24.92
75.0	21.51	22.11	21.69	20.49	18.29	17.30	16.50	16.80	18.23	19.98
78.0	16.70	17.25	16.74	15.76	13.60	12.67	11.98	12.34	13.48	14.96
81.0	12.13	12.63	12.19	11.06	9.312	8.533	7.917	8.071	9.051	10.37
84.0	8.047	8.527	8.207	7.157	5.758	5.314	4.724	4.739	5.305	6.094
87.0	4.801	5.326	5.082	4.308	3.404	3.132	2.513	2.608	2.774	3.130
90.0	2.710	3.273	3.472	3.211	2.520	1.979	1.259	1.439	1.667	2.026
93.0	1.551	2.210	3.036	3.086	2.342	1.653	0.8337	1.136	1.537	1.955
96.0	1.212	1.909	2.911	3.000	2.307	1.627	0.7467	1.051	1.508	1.945
99.0	1.181	1.799	2.765	2.865	2.292	1.601	0.7408	1.027	1.499	1.905
102.0	1.175	1.723	2.629	2.804	2.277	1.593	0.7540	1.032	1.498	1.845
105.0	1.168	1.603	2.493	2.749	2.252	1.593	0.7992	1.037	1.513	1.774
108.0	1.182	1.587	2.398	2.658	2.222	1.593	0.8446	1.050	1.528	1.749
111.0	1.196	1.585	2.292	2.603	2.201	1.605	0.8998	1.081	1.543	1.734
114.0	1.246	1.584	2.207	2.508	2.166	1.608	0.9502	1.121	1.548	1.719
117.0	1.281	1.582	2.131	2.397	2.121	1.614	1.010	1.166	1.553	1.699
120.0	1.317	1.581	2.076	2.307	2.081	1.623	1.066	1.186	1.558	1.669
123.0	1.357	1.579	2.011	2.216	2.041	1.633	1.121	1.236	1.561	1.664
126.0	1.407	1.581	1.945	2.116	1.990	1.638	1.171	1.256	1.568	1.654
129.0	1.442	1.590	1.895	2.040	1.935	1.648	1.231	1.296	1.586	1.654
132.0	1.488	1.598	1.855	1.965	1.880	1.654	1.287	1.327	1.595	1.655
135.0	1.518	1.613	1.814	1.890	1.855	1.669	1.347	1.362	1.603	1.656
138.0	1.573	1.633	1.799	1.839	1.824	1.684	1.407	1.407	1.623	1.656
141.0	1.588	1.654	1.782	1.809	1.794	1.714	1.463	1.447	1.638	1.657
144.0	1.633	1.684	1.776	1.809	1.795	1.734	1.518	1.488	1.658	1.657
147.0	1.658	1.714	1.774	1.809	1.796	1.774	1.558	1.533	1.674	1.658
150.0	1.704	1.744	1.780	1.819	1.797	1.804	1.623	1.583	1.699	1.658
153.0	1.734	1.784	1.787	1.844	1.798	1.830	1.674	1.638	1.714	1.668
156.0	1.769	1.819	1.794	1.870	1.814	1.865	1.724	1.679	1.744	1.689
159.0	1.799	1.850	1.809	1.895	1.839	1.890	1.769	1.724	1.789	1.724
162.0	1.829	1.880	1.834	1.920	1.899	1.920	1.815	1.774	1.829	1.759
165.0	1.889	1.910	1.879	1.940	1.904	1.940	1.870	1.809	1.870	1.809
168.0	1.900	1.935	1.895	1.965	1.908	1.951	1.910	1.849	1.905	1.839
171.0	1.910	1.955	1.910	1.980	1.915	1.954	1.940	1.881	1.930	1.871
174.0	1.925	1.964	1.920	1.987	1.960	1.957	1.965	1.899	1.965	1.896
177.0	1.985	1.970	1.950	1.990	1.965	1.960	1.985	1.940	1.980	1.920
180.0	1.980	1.970	1.985	1.990	1.970	1.960	1.985	1.945	1.980	1.985
G/C	300.0	330.0								
0.0	97.54	97.51								
3.0	97.49	97.57								
6.0	97.17	97.32								
9.0	96.55	96.74								
12.0	95.63	95.81								
15.0	94.39	94.55								
18.0	92.87	93.05								
21.0	91.05	91.22								
24.0	88.98	89.08								
27.0	86.57	86.74								
30.0	83.94	84.09								

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:

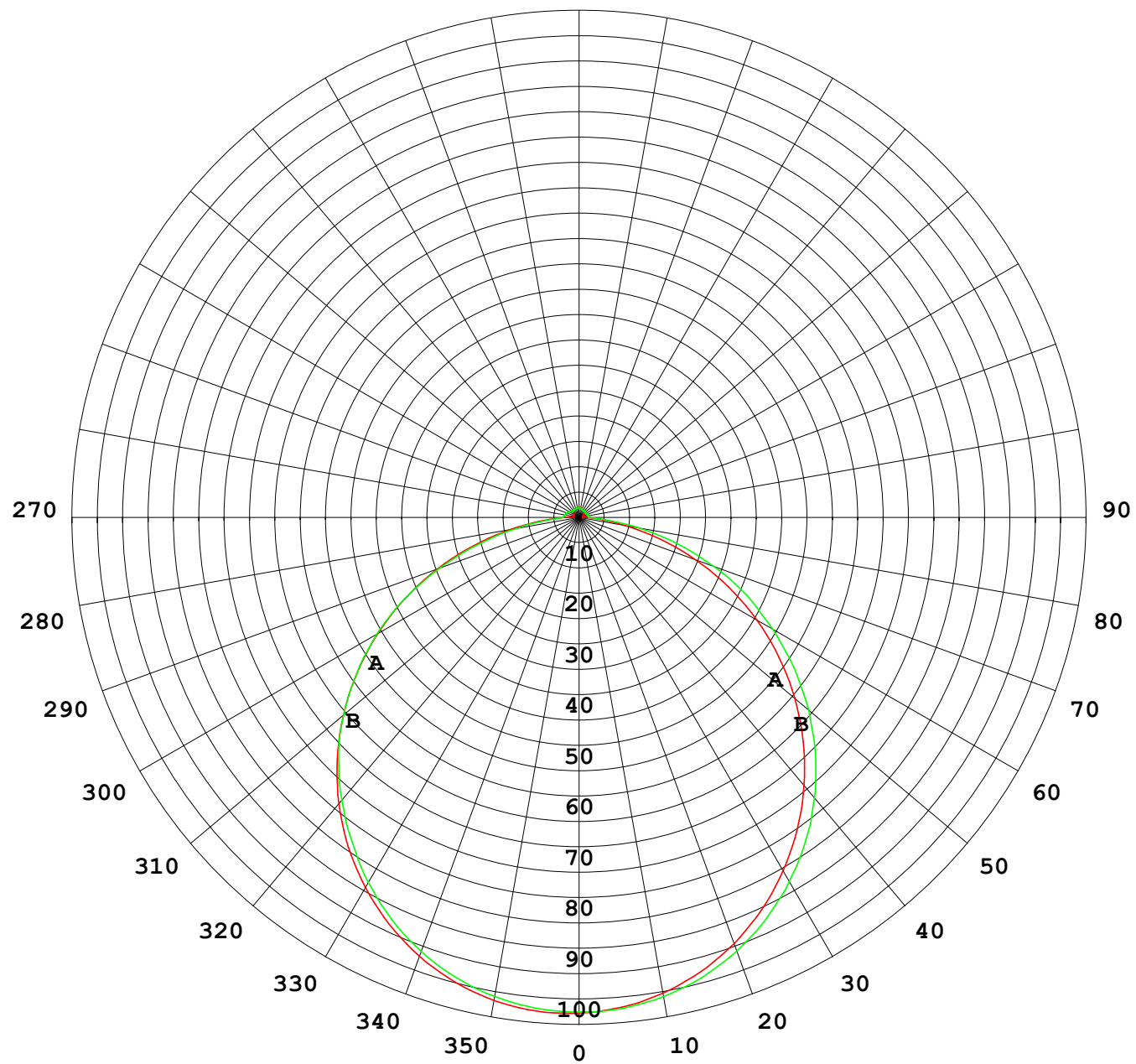
Photometric Data Table [cd]

33.0	81.01	81.19
36.0	77.85	78.12
39.0	74.47	74.70
42.0	70.90	71.10
45.0	67.08	67.35
48.0	63.09	63.33
51.0	58.92	59.15
54.0	54.57	54.84
57.0	50.08	50.33
60.0	45.43	45.68
63.0	40.66	40.98
66.0	35.87	36.11
69.0	30.95	31.17
72.0	25.93	26.26
75.0	21.17	21.28
78.0	16.49	16.39
81.0	11.80	11.79
84.0	7.619	7.617
87.0	4.223	4.311
90.0	2.329	2.256
93.0	1.658	1.238
96.0	1.517	0.9904
99.0	1.461	0.9700
102.0	1.457	0.9499
105.0	1.454	0.9579
108.0	1.450	0.9699
111.0	1.446	0.9819
114.0	1.445	0.9949
117.0	1.451	1.010
120.0	1.456	1.045
123.0	1.463	1.085
126.0	1.473	1.116
129.0	1.483	1.161
132.0	1.498	1.191
135.0	1.513	1.241
138.0	1.538	1.281
141.0	1.558	1.337
144.0	1.583	1.407
147.0	1.598	1.452
150.0	1.618	1.508
153.0	1.652	1.558
156.0	1.691	1.603
159.0	1.729	1.658
162.0	1.779	1.729
165.0	1.825	1.754
168.0	1.865	1.799
171.0	1.905	1.834
174.0	1.925	1.889
177.0	1.965	1.900
180.0	1.975	1.920

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

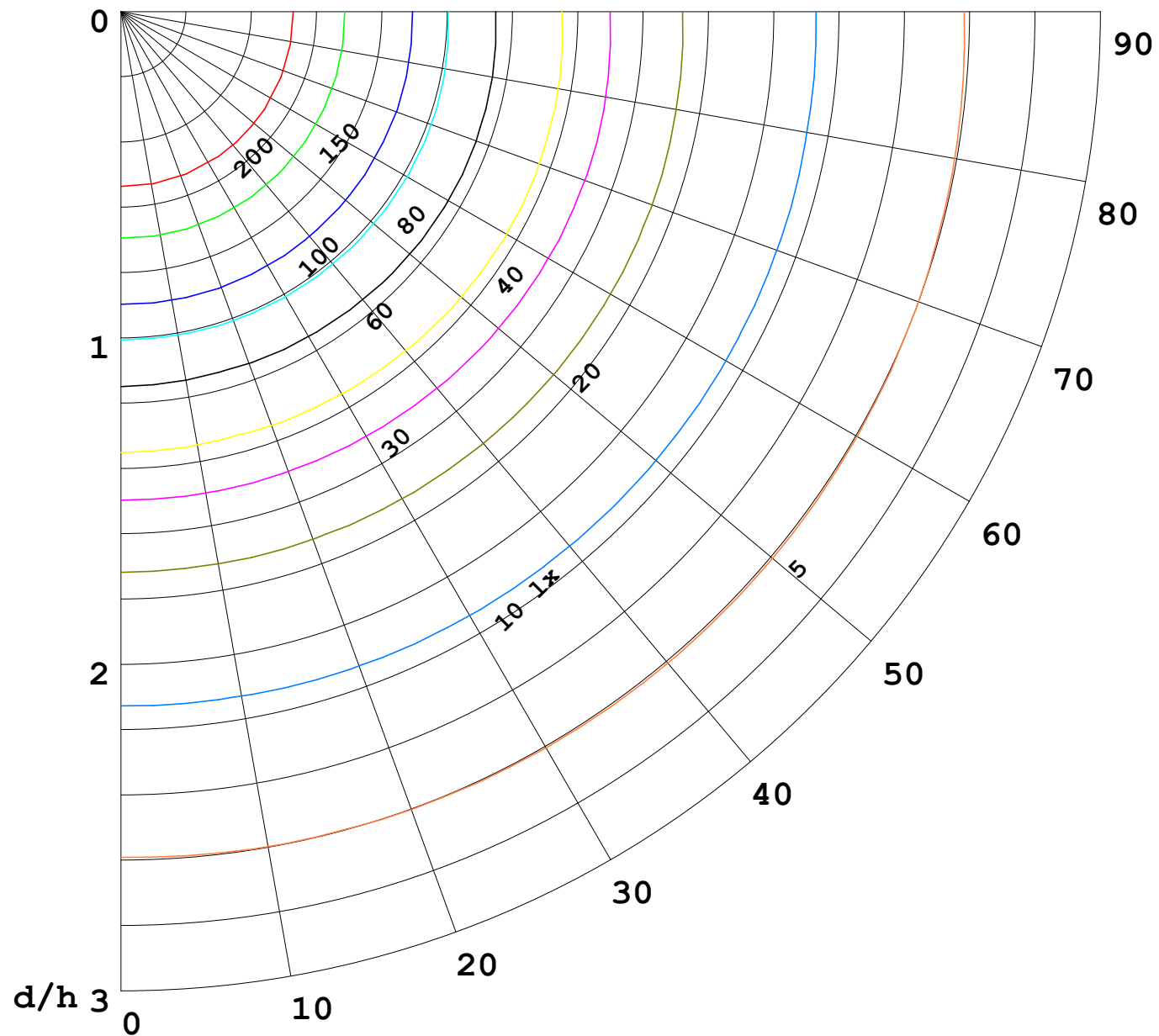
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

