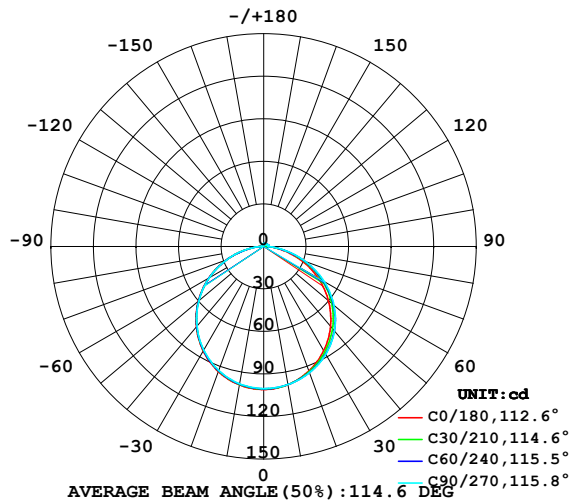


LUMINAIRE PHOTOMETRIC TEST REPORT

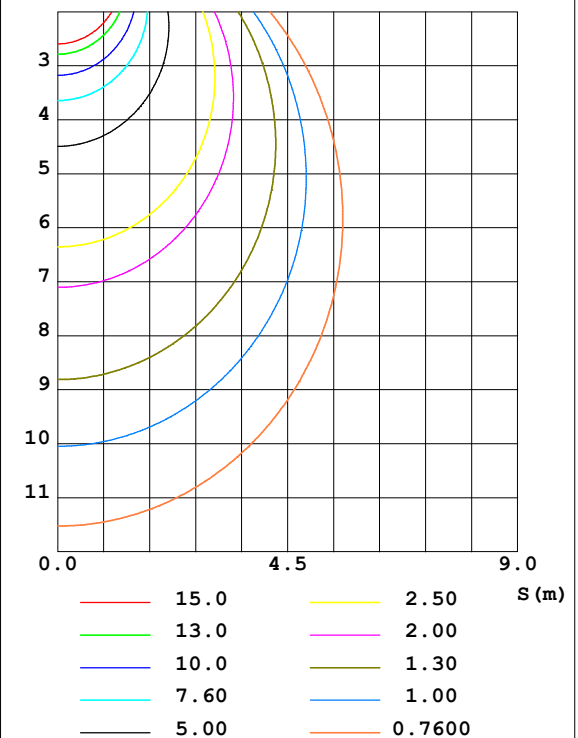
Test:U:24.00V I:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 39.01 lm/W			
MODEL	2835	I _{max} (cd)	100.9	S/MH (C0/180)	1.25
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	304.89	η UP, DN (C0-180)	2.2, 49.3
NOMINAL FLUX (lm)	304.875	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 47.2
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)



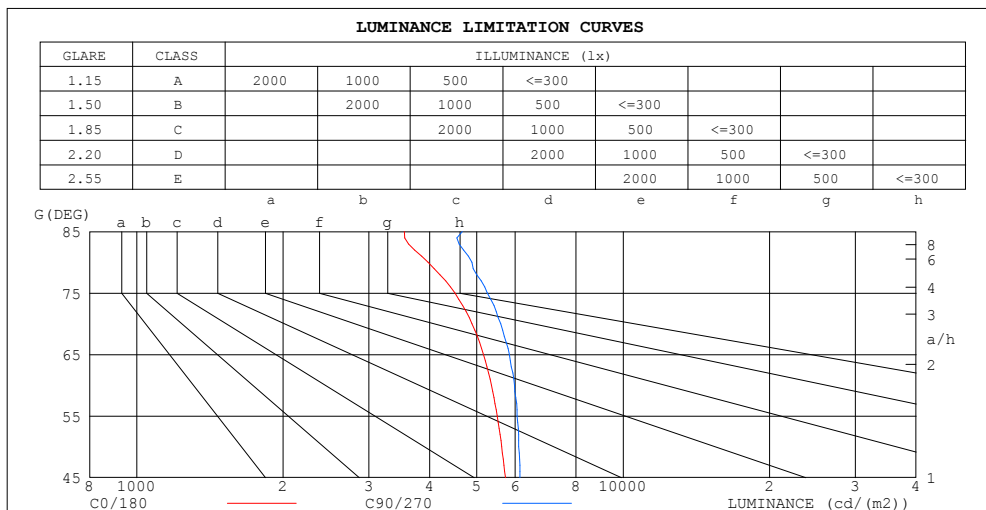
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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	99.01	98.93	98.89	98.48	99.17	98.67	98.33	98.09	0- 10	9.499	9.499	3.12,3.12
20	93.50	94.31	94.78	93.67	93.87	93.34	93.00	92.69	10- 20	27.25	36.74	12.1,12.1
30	84.81	86.85	87.78	85.72	85.28	84.83	84.51	84.12	20- 30	41.44	78.18	25.6,25.6
40	73.41	76.60	77.79	74.96	73.94	73.57	73.33	72.87	30- 40	50.25	128.4	42.1,42.1
50	59.68	63.60	64.69	61.92	60.27	59.96	59.74	59.29	40- 50	52.54	181.0	59.4,59.4
60	44.22	47.91	49.33	46.79	44.85	44.54	44.37	43.94	50- 60	47.96	228.9	75.1,75.1
70	27.60	30.46	31.62	29.97	28.26	27.95	27.73	27.49	60- 70	37.03	266.0	87.2,87.2
80	11.38	13.15	14.00	12.93	11.84	11.51	11.69	11.17	70- 80	21.55	287.5	94.3,94.3
90	1.799	3.096	3.332	2.669	1.795	1.571	1.750	1.310	80- 90	6.618	294.1	96.5,96.5
100	1.116	2.646	3.071	2.055	0.8459	1.108	1.478	0.9132	90-100	1.916	296.0	97.1,97.1
110	1.246	2.523	2.950	2.061	0.8998	1.123	1.342	1.020	100-110	1.753	297.8	97.7,97.7
120	1.412	2.299	2.668	2.016	1.071	1.241	1.346	1.153	110-120	1.650	299.4	98.2,98.2
130	1.523	2.055	2.377	1.892	1.262	1.380	1.442	1.304	120-130	1.486	300.9	98.7,98.7
140	1.653	1.907	2.045	1.829	1.468	1.533	1.568	1.475	130-140	1.290	302.2	99.1,99.1
150	1.792	1.886	1.963	1.857	1.659	1.694	1.714	1.626	140-150	1.081	303.3	99.5,99.5
160	1.910	1.940	1.980	1.927	1.845	1.847	1.819	1.794	150-160	0.8424	304.1	99.8,99.8
170	1.980	2.008	2.046	1.999	1.995	1.968	1.950	1.932	160-170	0.5463	304.7	99.9,99.9
180	2.056	2.053	2.071	2.015	2.056	2.048	2.045	2.015	170-180	0.1912	304.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3549	4672
80	3973	4886
75	4511	5260
70	4891	5603
65	5161	5837
60	5360	5979
55	5508	6050
50	5627	6099
45	5726	6134

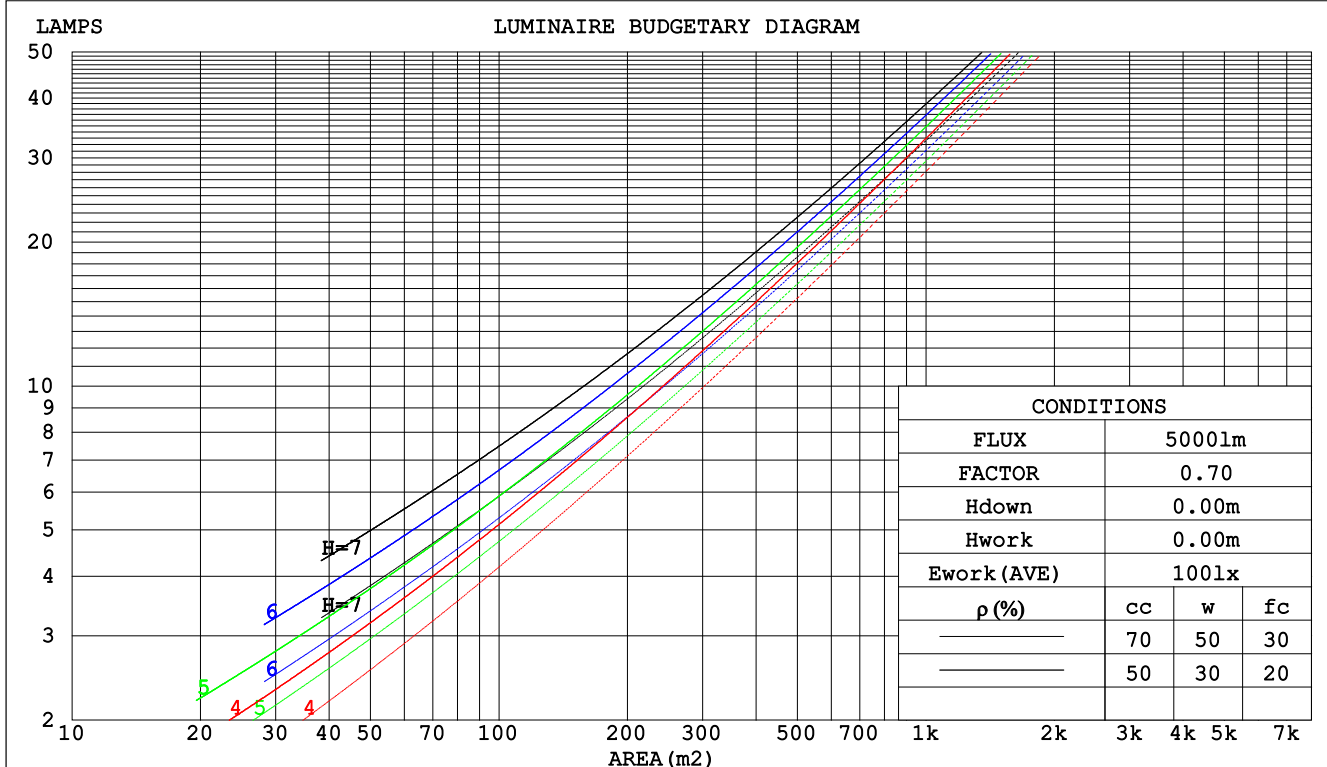
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+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	.83	.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	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.31
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	.30	.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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+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	.314	.179	.057	.306	.175	.055	.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	.234	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032		
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.185	.097	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026		
8.0	.186	.091	.026	.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	.153	.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	.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	.185	.129	.086	.158	.111	.074	.109	.077	.052	.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	.059	.039	.024	.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	.006	
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:2022-03-28

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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm										
NAME: SF16-24V-2835-120-2700+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	18.8	20.3	19.1	20.5	20.8	19.1	20.6	19.5	20.9	21.2
3H	20.3	21.6	20.6	21.9	22.3	20.8	22.1	21.1	22.4	22.7
4H	20.9	22.2	21.2	22.5	22.8	21.4	22.7	21.8	23.0	23.3
6H	21.3	22.5	21.7	22.8	23.2	21.9	23.1	22.3	23.4	23.8
8H	21.4	22.6	21.8	22.9	23.3	22.0	23.2	22.4	23.6	23.9
12H	21.5	22.6	21.9	23.0	23.3	22.2	23.3	22.6	23.6	24.0
4H 2H	19.5	20.8	19.8	21.1	21.4	19.7	21.0	20.1	21.3	21.7
3H	21.2	22.3	21.6	22.7	23.0	21.5	22.7	21.9	23.0	23.4
4H	21.9	22.9	22.3	23.3	23.7	22.3	23.3	22.7	23.7	24.1
6H	22.4	23.3	22.8	23.7	24.2	22.9	23.8	23.4	24.2	24.7
8H	22.6	23.4	23.0	23.9	24.3	23.1	24.0	23.6	24.4	24.9
12H	22.7	23.5	23.2	23.9	24.4	23.3	24.1	23.8	24.5	25.0
8H 4H	22.2	23.0	22.6	23.5	23.9	22.6	23.4	23.0	23.8	24.3
6H	22.9	23.6	23.4	24.0	24.5	23.3	24.0	23.8	24.5	25.0
8H	23.1	23.7	23.6	24.2	24.8	23.6	24.3	24.1	24.7	25.3
12H	23.3	23.9	23.9	24.4	24.9	23.9	24.4	24.4	24.9	25.5
12H 4H	22.2	23.0	22.7	23.4	23.9	22.6	23.3	23.0	23.8	24.3
6H	22.9	23.6	23.4	24.0	24.6	23.4	24.0	23.9	24.5	25.0
8H	23.2	23.8	23.8	24.3	24.8	23.7	24.3	24.2	24.8	25.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 304.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.1)

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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

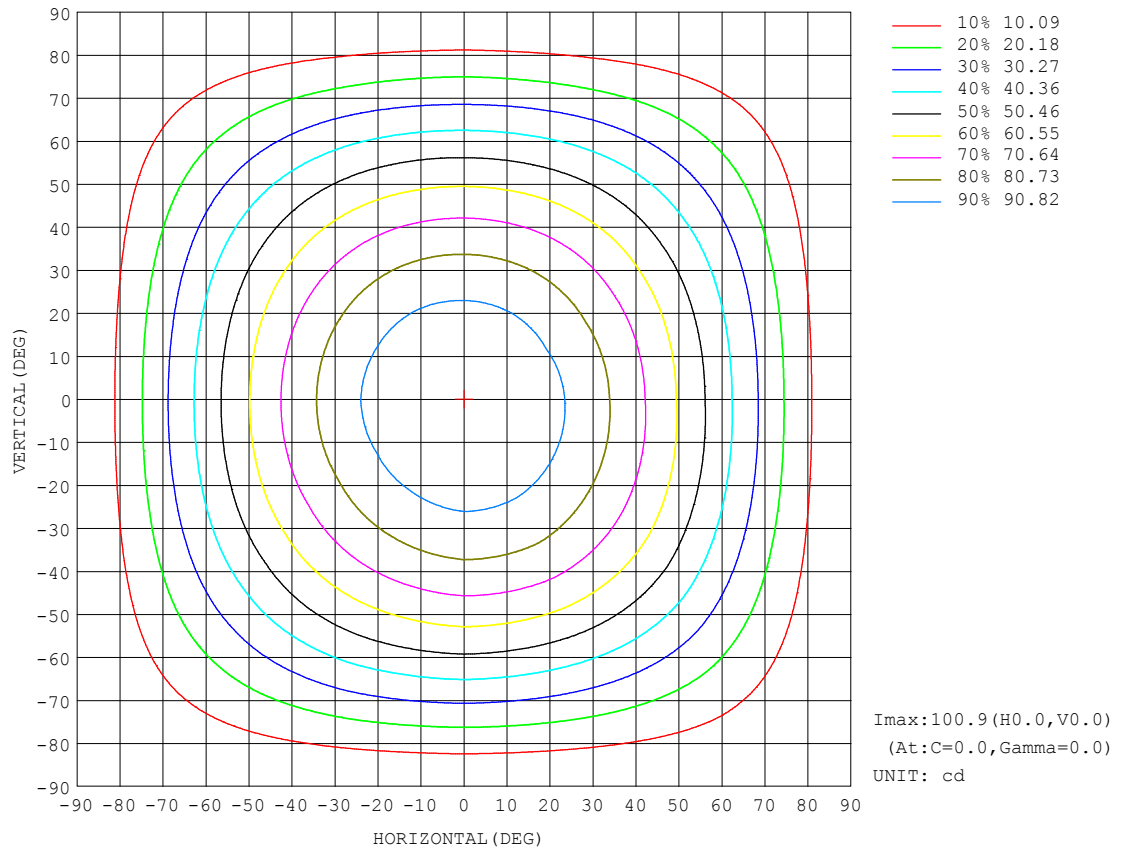
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	56	73	62	55	70	63	54	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	89	84	75
4.00	105	99	94	102	97	93	97	93	89	79
5.00	107	102	98	105	100	96	100	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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

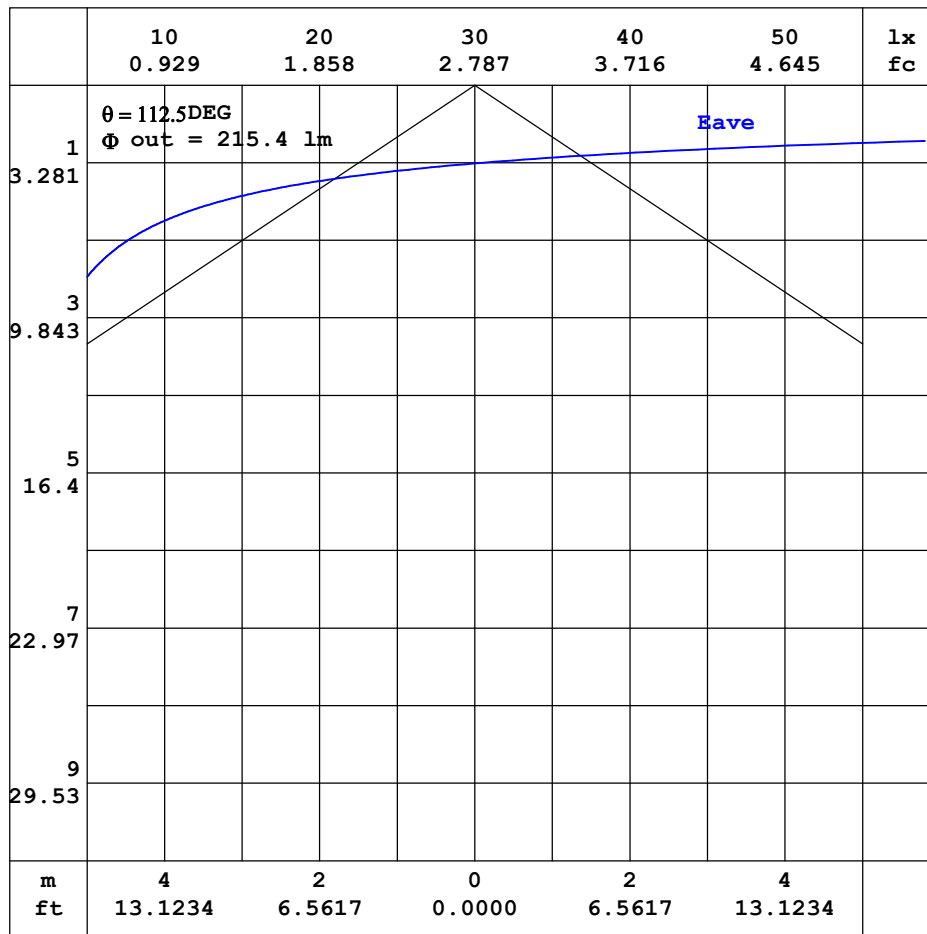


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



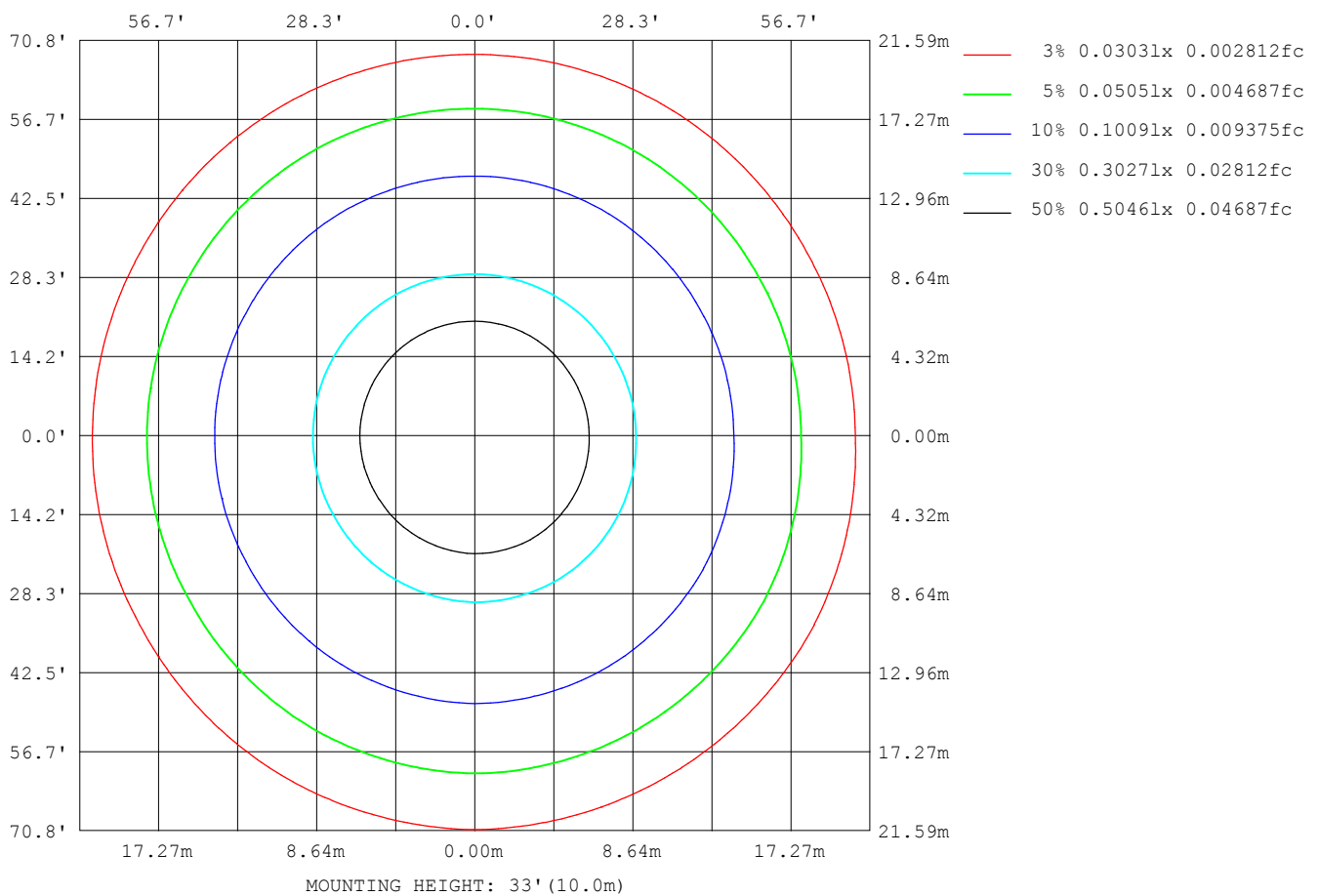
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

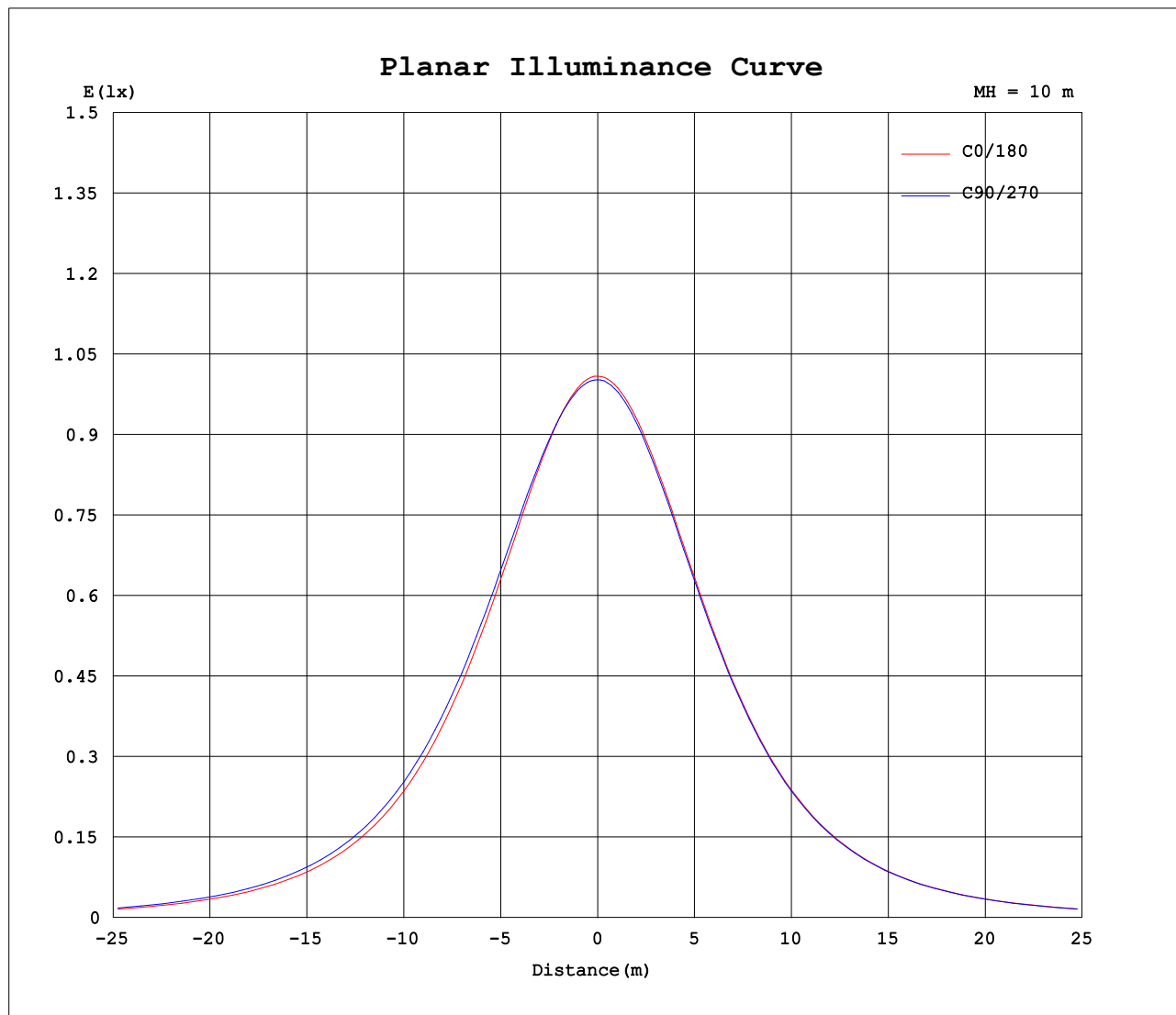
Test:U:24.00V I:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80-5700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.3257A P:7.816W PF:1.000 Lamp Flux:304.875x1 lm		
NAME: SF16-24V-2835-120-2700+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	101	101	100	100	100	99.9	101	101	100	100	100	99.9						
5	100	100	100	99.9	99.8	99.6	100	100	99.9	99.7	99.5	99.4						
10	99.0	98.9	98.9	98.9	98.6	98.3	99.2	98.8	98.6	98.3	98.2	98.0						
15	96.7	96.9	97.1	97.2	96.7	96.3	96.9	96.5	96.3	96.1	95.9	95.7						
20	93.5	94.0	94.6	94.8	94.0	93.4	93.9	93.4	93.3	93.0	92.8	92.5						
25	89.5	90.5	91.4	91.6	90.5	89.7	90.0	89.5	89.4	89.1	89.0	88.6						
30	84.8	86.1	87.6	87.8	86.3	85.1	85.3	84.9	84.8	84.5	84.3	83.9						
35	79.4	81.1	82.9	83.1	81.4	79.9	79.9	79.6	79.5	79.3	79.0	78.7						
40	73.4	75.5	77.7	77.8	75.8	74.1	73.9	73.6	73.5	73.3	73.1	72.7						
45	66.8	69.5	71.5	71.6	69.6	67.8	67.4	67.0	67.0	66.8	66.5	66.1						
50	59.7	62.8	64.4	64.7	62.9	60.9	60.3	59.9	60.0	59.7	59.5	59.1						
55	52.1	55.4	56.7	57.3	55.6	53.5	52.8	52.4	52.5	52.2	52.0	51.6						
60	44.2	47.4	48.4	49.3	47.9	45.7	44.9	44.5	44.6	44.4	44.2	43.7						
65	36.0	38.9	39.7	40.7	39.6	37.5	36.7	36.3	36.4	36.2	36.0	35.6						
70	27.6	30.1	30.9	31.6	30.9	29.1	28.3	27.9	28.0	27.7	27.7	27.3						
75	19.3	21.3	21.9	22.5	21.9	20.6	19.8	19.5	19.5	20.1	19.2	19.0						
80	11.4	12.9	13.4	14.0	13.3	12.5	11.8	11.6	11.4	11.7	11.2	11.1						
85	5.10	6.27	6.45	6.72	6.30	5.86	5.34	5.07	4.68	4.96	4.51	4.70						
90	1.80	2.90	3.29	3.33	2.89	2.45	1.80	1.70	1.44	1.75	1.25	1.37						
95	1.11	2.25	3.08	3.13	2.48	1.72	0.89	1.06	1.25	1.60	1.03	0.76						
100	1.12	2.21	3.08	3.07	2.46	1.65	0.85	1.01	1.21	1.48	1.06	0.77						
105	1.17	2.14	3.07	3.02	2.46	1.65	0.84	1.00	1.22	1.39	1.12	0.81						
110	1.25	2.00	3.05	2.95	2.45	1.67	0.90	1.00	1.25	1.34	1.16	0.88						
115	1.32	1.90	2.96	2.84	2.42	1.67	0.99	1.08	1.29	1.34	1.22	0.96						
120	1.41	1.82	2.77	2.67	2.36	1.67	1.07	1.14	1.35	1.35	1.27	1.04						
125	1.47	1.80	2.53	2.52	2.25	1.68	1.17	1.21	1.41	1.41	1.33	1.12						
130	1.52	1.79	2.32	2.38	2.10	1.68	1.26	1.29	1.47	1.44	1.40	1.21						
135	1.59	1.78	2.15	2.20	2.00	1.70	1.36	1.38	1.54	1.50	1.47	1.30						
140	1.65	1.78	2.03	2.05	1.93	1.73	1.47	1.47	1.60	1.57	1.54	1.41						
145	1.72	1.79	1.97	1.97	1.89	1.78	1.57	1.55	1.67	1.64	1.61	1.49						
150	1.79	1.83	1.94	1.96	1.88	1.83	1.66	1.64	1.74	1.71	1.68	1.57						
155	1.84	1.89	1.93	1.96	1.87	1.89	1.75	1.72	1.81	1.75	1.76	1.66						
160	1.91	1.95	1.93	1.98	1.90	1.95	1.84	1.82	1.87	1.82	1.83	1.75						
165	1.95	2.00	1.96	2.01	1.95	1.99	1.93	1.88	1.95	1.88	1.91	1.82						
170	1.98	2.03	1.99	2.05	1.99	2.01	2.00	1.93	2.00	1.95	1.98	1.89						
175	2.01	2.05	2.01	2.06	2.00	2.01	2.04	1.99	2.05	1.99	2.02	1.95						
180	2.06	2.05	2.06	2.07	2.02	2.02	2.06	2.04	2.06	2.05	2.05	1.98						

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	100.9	100.6	100.4	100.2	100.0	99.93	100.9	100.6	100.4	100.2
3.0	100.8	100.5	100.3	100.1	100.0	99.82	100.8	100.5	100.2	100.1
6.0	100.2	100.0	99.89	99.77	99.60	99.39	100.3	99.94	99.71	99.53
9.0	99.37	99.28	99.20	99.15	98.91	98.66	99.49	99.14	98.90	98.70
12.0	98.18	98.22	98.27	98.28	97.93	97.63	98.38	97.98	97.78	97.55
15.0	96.68	96.87	97.08	97.19	96.68	96.28	96.94	96.51	96.35	96.08
18.0	94.86	95.23	95.68	95.78	95.15	94.67	95.19	94.75	94.60	94.33
21.0	92.76	93.34	94.01	94.20	93.34	92.75	93.16	92.70	92.59	92.28
24.0	90.36	91.22	92.08	92.29	91.25	90.57	90.81	90.33	90.26	89.92
27.0	87.73	88.74	89.96	90.15	88.92	88.00	88.21	87.75	87.67	87.38
30.0	84.81	86.15	87.56	87.78	86.30	85.14	85.28	84.87	84.78	84.51
33.0	81.69	83.18	84.87	85.08	83.42	82.16	82.15	81.78	81.67	81.46
36.0	78.29	80.00	81.94	82.09	80.35	78.83	78.78	78.43	78.34	78.14
39.0	74.67	76.75	78.77	78.92	76.99	75.32	75.18	74.80	74.77	74.53
42.0	70.82	73.29	75.29	75.39	73.41	71.69	71.38	70.99	71.00	70.75
45.0	66.81	69.48	71.50	71.57	69.63	67.78	67.35	67.04	67.02	66.82
48.0	62.58	65.48	67.32	67.63	65.68	63.61	63.18	62.83	62.86	62.62
51.0	58.21	61.31	62.92	63.32	61.52	59.45	58.83	58.45	58.54	58.26
54.0	53.65	56.94	58.26	58.82	57.13	55.01	54.30	53.97	54.03	53.82
57.0	48.99	52.14	53.44	54.26	52.60	50.38	49.66	49.29	49.41	49.16
60.0	44.22	47.39	48.43	49.33	47.86	45.73	44.85	44.46	44.63	44.37
63.0	39.31	42.20	43.27	44.12	42.95	40.85	39.95	39.66	39.72	39.50
66.0	34.33	37.09	37.97	38.91	37.86	35.81	34.99	34.68	34.75	34.52
69.0	29.31	31.80	32.64	33.44	32.66	30.81	29.92	29.63	29.70	29.45
72.0	24.26	26.42	27.30	27.95	27.30	25.81	24.86	24.57	24.59	24.45
75.0	19.26	21.32	21.91	22.46	21.90	20.58	19.84	19.55	19.52	20.11
78.0	14.41	16.13	16.70	17.16	16.65	15.80	14.97	14.59	14.61	14.92
81.0	9.941	11.37	11.82	12.40	11.75	10.94	10.39	10.11	9.949	10.35
84.0	6.136	7.298	7.595	7.849	7.475	7.000	6.405	6.168	5.836	6.233
87.0	3.386	4.518	4.523	4.789	4.323	4.126	3.561	3.284	2.853	2.984
90.0	1.799	2.897	3.295	3.332	2.888	2.450	1.795	1.702	1.441	1.750
93.0	1.182	2.301	3.091	3.206	2.549	1.809	1.019	1.137	1.261	1.664
96.0	1.111	2.242	3.084	3.116	2.473	1.683	0.8643	1.050	1.240	1.580
99.0	1.115	2.221	3.080	3.081	2.462	1.648	0.8463	1.015	1.218	1.508
102.0	1.119	2.206	3.077	3.050	2.459	1.648	0.8451	0.9952	1.196	1.428
105.0	1.166	2.136	3.074	3.015	2.457	1.648	0.8445	0.9951	1.216	1.387
108.0	1.206	2.050	3.071	2.975	2.454	1.664	0.8796	0.9951	1.231	1.352
111.0	1.251	1.970	3.041	2.930	2.448	1.670	0.9148	1.010	1.262	1.343
114.0	1.312	1.910	2.986	2.860	2.428	1.671	0.9652	1.045	1.292	1.344
117.0	1.347	1.884	2.890	2.769	2.407	1.672	1.015	1.090	1.317	1.345
120.0	1.412	1.824	2.775	2.668	2.357	1.674	1.071	1.136	1.347	1.346
123.0	1.437	1.804	2.639	2.568	2.292	1.675	1.131	1.176	1.377	1.372
126.0	1.487	1.801	2.483	2.493	2.212	1.677	1.176	1.236	1.417	1.407
129.0	1.513	1.795	2.352	2.407	2.121	1.680	1.247	1.271	1.453	1.427
132.0	1.563	1.790	2.247	2.291	2.056	1.686	1.302	1.322	1.503	1.467
135.0	1.588	1.784	2.146	2.201	2.000	1.699	1.362	1.377	1.538	1.503
138.0	1.633	1.783	2.071	2.100	1.950	1.709	1.428	1.427	1.583	1.538
141.0	1.663	1.784	2.006	2.035	1.915	1.739	1.488	1.487	1.613	1.578
144.0	1.719	1.794	1.975	1.970	1.890	1.769	1.548	1.518	1.664	1.613
147.0	1.749	1.809	1.945	1.964	1.885	1.799	1.603	1.573	1.699	1.653
150.0	1.792	1.835	1.938	1.963	1.879	1.835	1.659	1.643	1.744	1.714
153.0	1.816	1.865	1.933	1.961	1.876	1.870	1.709	1.678	1.789	1.734
156.0	1.849	1.900	1.934	1.965	1.880	1.900	1.769	1.749	1.824	1.769
159.0	1.890	1.930	1.934	1.985	1.895	1.935	1.825	1.809	1.860	1.804
162.0	1.915	1.965	1.935	1.990	1.920	1.965	1.875	1.824	1.900	1.839
165.0	1.950	1.995	1.965	2.005	1.955	1.985	1.925	1.879	1.945	1.885
168.0	1.970	2.020	1.977	2.040	1.976	2.006	1.965	1.910	1.980	1.920
171.0	1.990	2.035	1.990	2.051	1.985	2.009	2.000	1.955	2.015	1.960
174.0	2.000	2.044	2.005	2.062	1.995	2.012	2.035	1.975	2.036	1.975
177.0	2.020	2.051	2.015	2.071	2.005	2.015	2.056	2.000	2.056	2.005
180.0	2.056	2.051	2.056	2.071	2.015	2.015	2.056	2.035	2.061	2.045
G/C	300.0	330.0								
0.0	100.0	99.93								
3.0	99.84	99.76								
6.0	99.33	99.25								
9.0	98.51	98.39								
12.0	97.37	97.19								
15.0	95.92	95.67								
18.0	94.16	93.91								
21.0	92.14	91.81								
24.0	89.80	89.42								
27.0	87.20	86.84								
30.0	84.30	83.94								

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:

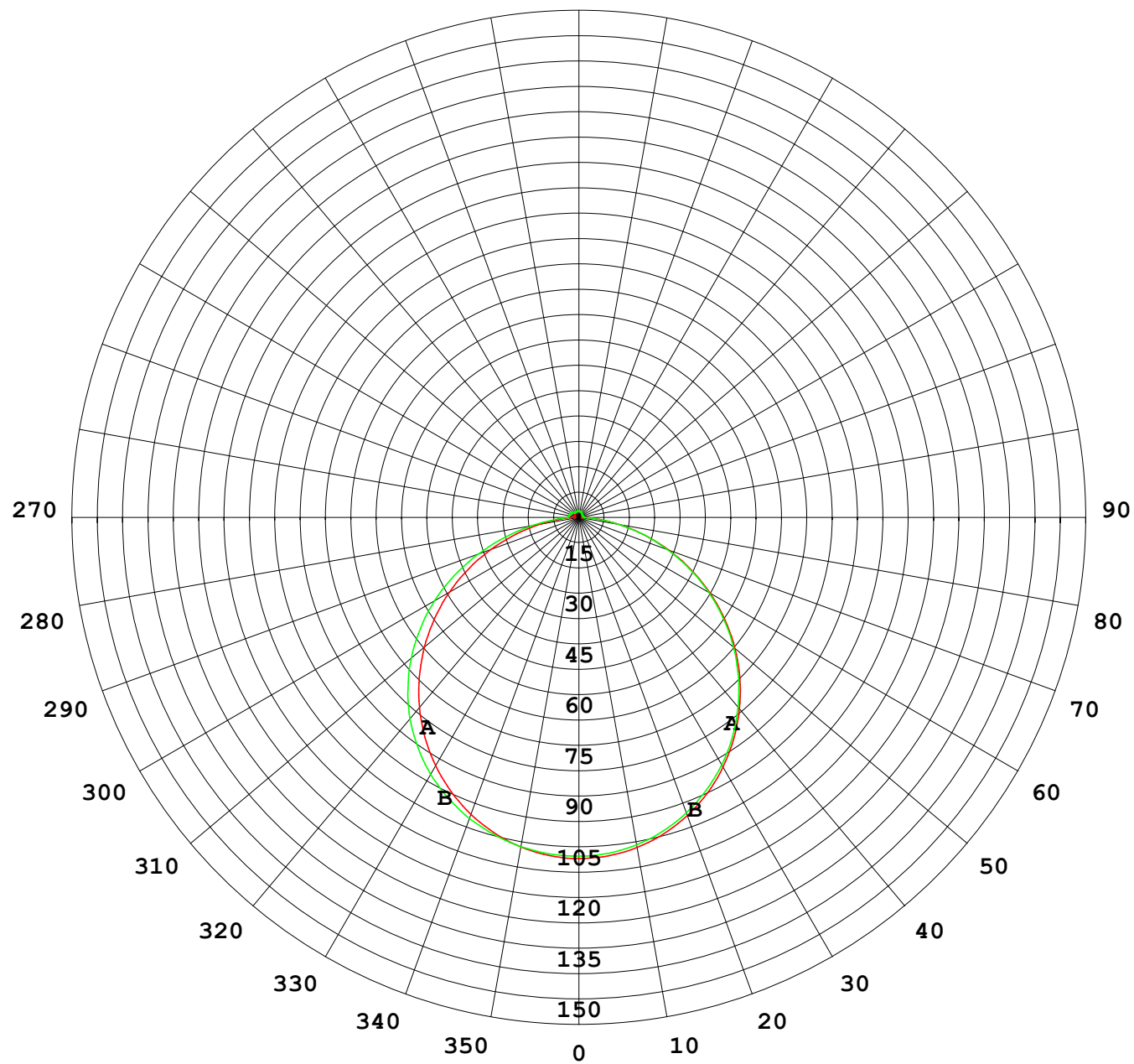
Photometric Data Table [cd]

33.0	81.19	80.85
36.0	77.85	77.50
39.0	74.28	73.87
42.0	70.52	70.08
45.0	66.53	66.13
48.0	62.37	61.95
51.0	58.06	57.62
54.0	53.55	53.18
57.0	48.94	48.53
60.0	44.19	43.69
63.0	39.29	38.92
66.0	34.37	34.04
69.0	29.34	28.98
72.0	24.26	24.01
75.0	19.22	19.00
78.0	14.34	14.13
81.0	9.718	9.696
84.0	5.645	5.781
87.0	2.672	2.922
90.0	1.249	1.370
93.0	1.015	0.8148
96.0	1.030	0.7539
99.0	1.050	0.7629
102.0	1.086	0.7640
105.0	1.116	0.8140
108.0	1.146	0.8493
111.0	1.171	0.9094
114.0	1.201	0.9497
117.0	1.237	0.9999
120.0	1.267	1.040
123.0	1.312	1.091
126.0	1.347	1.151
129.0	1.382	1.186
132.0	1.432	1.241
135.0	1.473	1.302
138.0	1.513	1.357
141.0	1.563	1.412
144.0	1.598	1.477
147.0	1.644	1.518
150.0	1.684	1.568
153.0	1.719	1.648
156.0	1.779	1.683
159.0	1.819	1.734
162.0	1.865	1.794
165.0	1.910	1.824
168.0	1.950	1.869
171.0	1.985	1.900
174.0	2.010	1.930
177.0	2.041	1.975
180.0	2.051	1.980

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

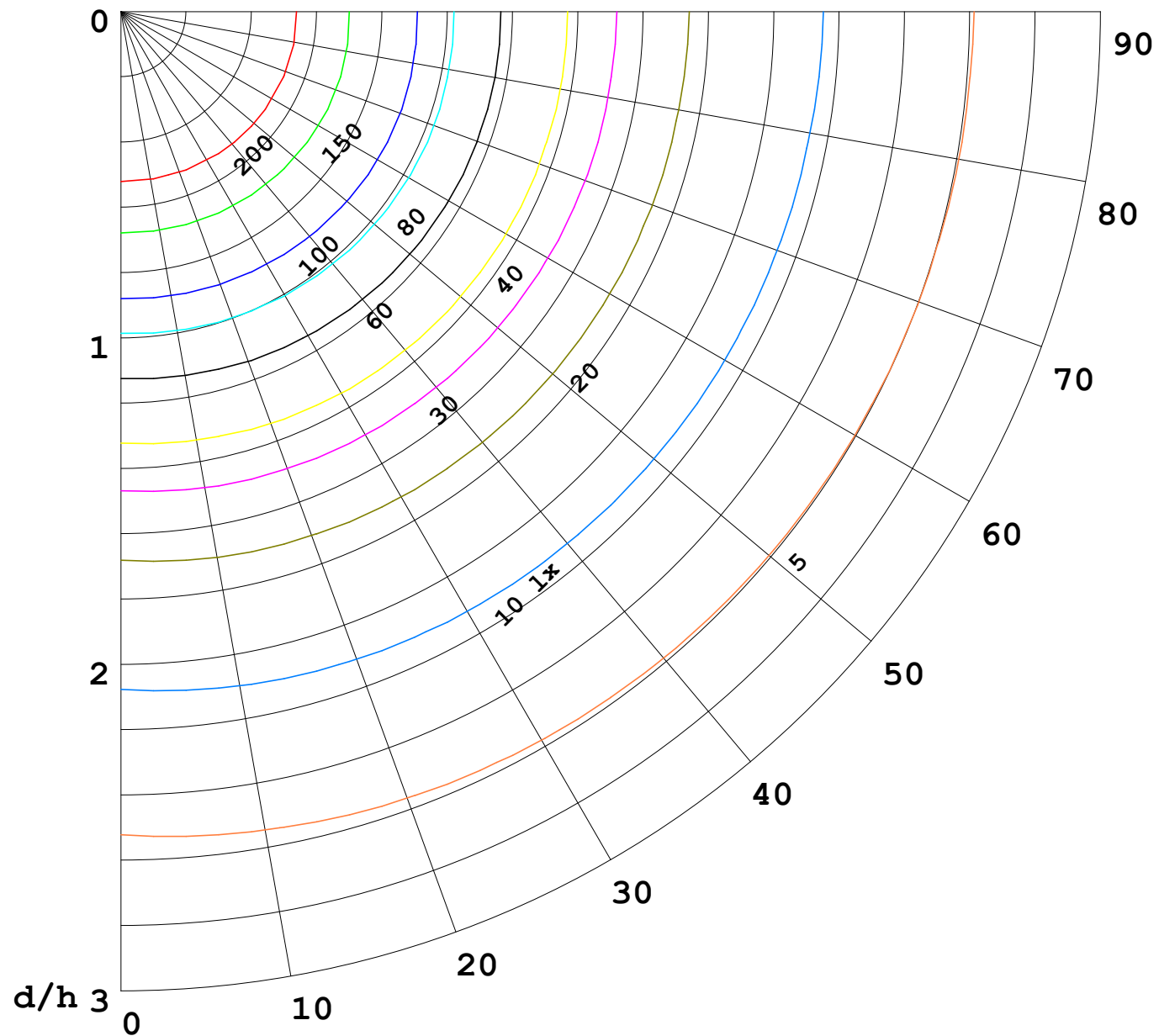
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

