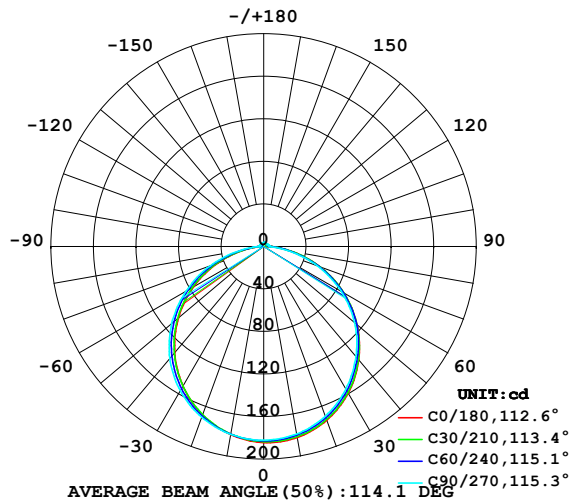


LUMINAIRE PHOTOMETRIC TEST REPORT

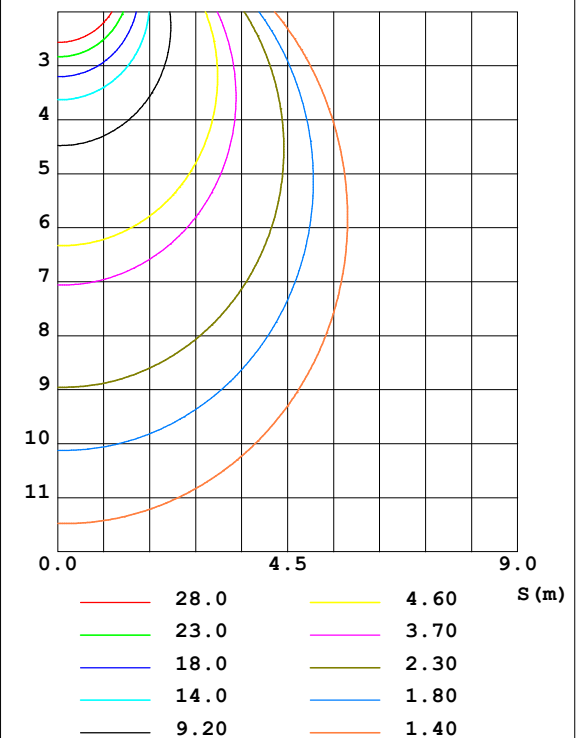
Test:U:24.00V I:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 34.90 lm/W
MODEL	2835	I _{max} (cd)	184.6	S/MH (C0/180)	1.28	
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	553.57	η UP, DN (C0-180)	2.0, 48.4	
NOMINAL FLUX (lm)	553.565	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.0	
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)



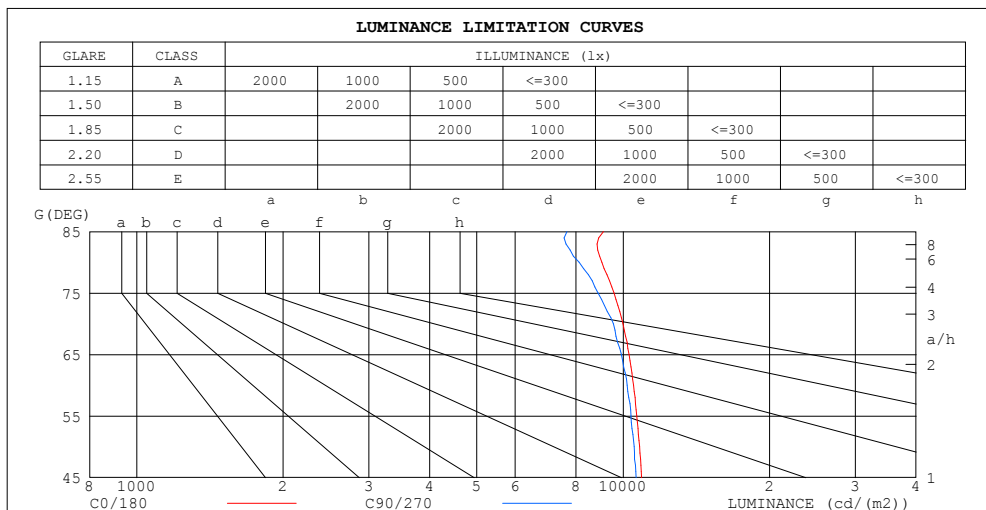
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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	182.5	180.8	179.0	177.0	179.7	179.1	179.3	179.3	0- 10	17.28	17.28	3.12,3.12
20	173.8	172.2	169.8	166.6	168.5	169.0	170.9	171.1	10- 20	49.53	66.80	12.1,12.1
30	159.1	157.6	154.6	150.8	151.8	153.3	156.9	157.5	20- 30	75.24	142.0	25.7,25.7
40	139.1	137.9	135.2	129.9	130.2	132.7	137.4	138.6	30- 40	91.08	233.1	42.1,42.1
50	114.6	114.4	111.7	105.2	104.7	108.0	113.1	114.6	40- 50	95.13	328.2	59.3,59.3
60	86.66	86.61	84.12	77.39	76.29	79.79	84.62	86.45	50- 60	86.72	415.0	75,75
70	56.38	56.03	53.85	47.72	46.05	49.11	53.64	55.96	60- 70	66.92	481.9	87,87.1
80	25.92	25.63	23.27	18.74	17.27	19.25	22.58	25.53	70- 80	39.02	520.9	94.1,94.1
90	5.234	5.713	5.417	3.898	2.423	3.340	4.484	5.095	80- 90	12.49	533.4	96.4,96.4
100	2.257	3.654	4.865	3.315	1.442	2.733	4.146	3.026	90-100	3.798	537.2	97,97
110	2.312	3.355	4.337	3.320	1.709	2.782	3.935	2.829	100-110	3.296	540.5	97.6,97.6
120	2.573	3.252	3.940	3.310	2.041	2.864	3.769	2.713	110-120	3.038	543.5	98.2,98.2
130	2.849	3.207	3.628	3.287	2.398	2.934	3.589	2.699	120-130	2.737	546.3	98.7,98.7
140	3.085	3.249	3.453	3.317	2.775	3.026	3.403	2.806	130-140	2.389	548.7	99.1,99.1
150	3.312	3.365	3.468	3.420	3.121	3.164	3.302	2.985	140-150	2.000	550.7	99.5,99.5
160	3.523	3.548	3.624	3.591	3.448	3.402	3.327	3.272	150-160	1.551	552.2	99.8,99.8
170	3.729	3.709	3.748	3.729	3.714	3.644	3.578	3.546	160-170	1.010	553.2	99.9,99.9
180	3.799	3.769	3.759	3.744	3.820	3.754	3.754	3.717	170-180	0.3542	553.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9112	7665
80	9048	8123
75	9571	8875
70	9990	9542
65	10280	9912
60	10505	10197
55	10669	10383
50	10806	10533
45	10917	10637

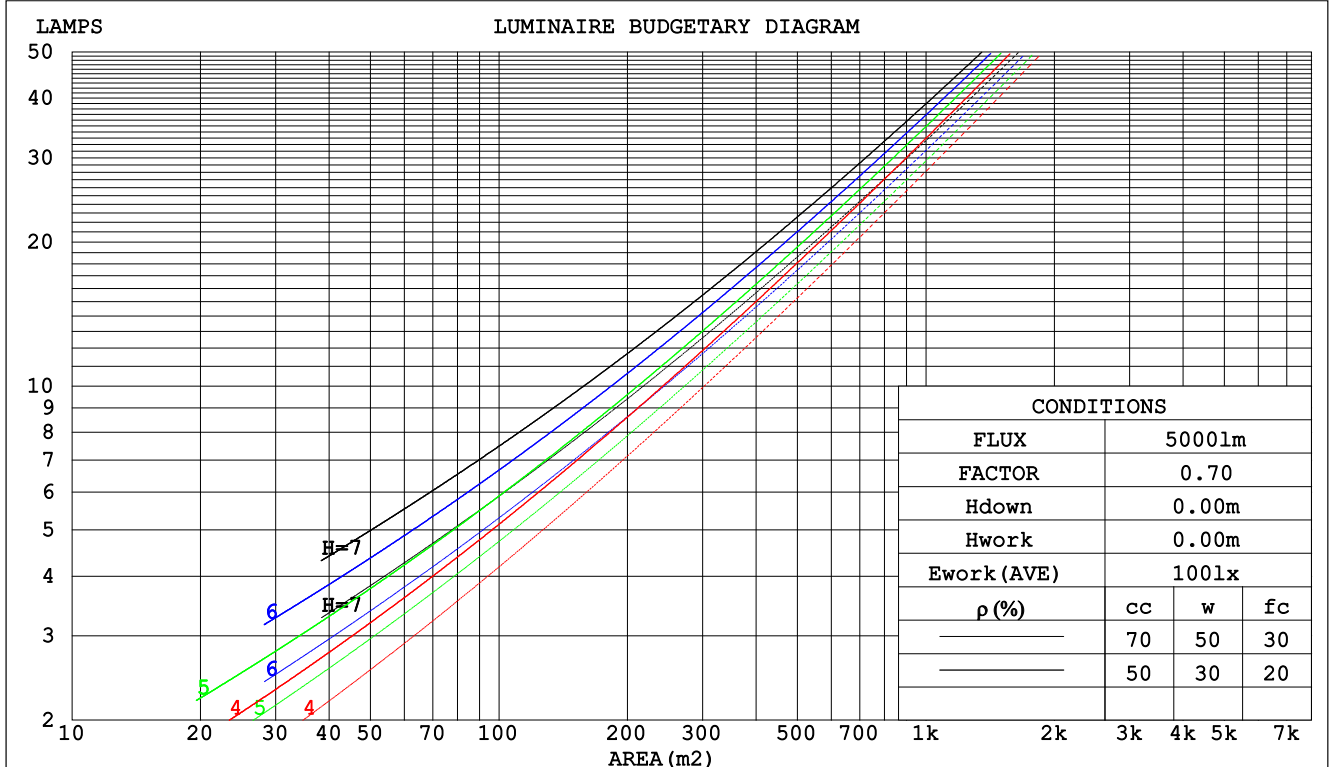
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.98	.94	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.86	.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	.59	.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	.55	.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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	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	.307	.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	.198	.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	.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	.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	.187	.187	.187	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.209	.184	.162	.179	.158	.139	.122	.109	.096	.070	.063	.056	.023	.020	.018	
2.0	.201	.160	.126	.172	.138	.109	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.143	.102	.166	.123	.089	.114	.085	.062	.066	.050	.037	.021	.016	.012	
4.0	.186	.129	.087	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.076	.153	.103	.066	.105	.072	.046	.061	.042	.028	.020	.014	.009	
6.0	.171	.111	.068	.147	.096	.059	.101	.067	.042	.059	.040	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.098	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.158	.098	.057	.136	.085	.050	.094	.060	.036	.055	.035	.021	.018	.012	.007	
9.0	.152	.093	.054	.131	.081	.047	.091	.057	.033	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.126	.077	.045	.087	.054	.032	.051	.032	.019	.017	.011	.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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm										
NAME: SF16-24V-2835-120-2200+5700-80					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	21.1	22.6	21.4	22.8	23.1	21.0	22.4	21.3	22.7	23.0
3H	22.7	24.1	23.1	24.4	24.7	22.5	23.9	22.9	24.2	24.5
4H	23.4	24.7	23.8	25.0	25.3	23.2	24.5	23.5	24.8	25.1
6H	23.9	25.1	24.3	25.5	25.8	23.6	24.9	24.0	25.2	25.6
8H	24.1	25.3	24.5	25.6	26.0	23.8	25.0	24.2	25.3	25.7
12H	24.2	25.4	24.6	25.7	26.1	23.9	25.0	24.3	25.4	25.8
4H 2H	21.7	23.0	22.1	23.3	23.7	21.6	22.9	22.0	23.2	23.6
3H	23.5	24.7	23.9	25.0	25.4	23.4	24.5	23.8	24.9	25.3
4H	24.3	25.4	24.8	25.8	26.2	24.1	25.2	24.6	25.6	26.0
6H	25.0	25.9	25.5	26.3	26.8	24.7	25.7	25.2	26.1	26.5
8H	25.3	26.1	25.7	26.5	27.0	24.9	25.8	25.4	26.2	26.7
12H	25.5	26.2	25.9	26.7	27.2	25.1	25.9	25.6	26.3	26.8
8H 4H	24.6	25.5	25.1	25.9	26.4	24.5	25.3	24.9	25.7	26.2
6H	25.5	26.2	26.0	26.6	27.2	25.2	25.9	25.7	26.4	26.9
8H	25.8	26.5	26.3	26.9	27.5	25.5	26.1	26.0	26.6	27.2
12H	26.1	26.7	26.7	27.2	27.7	25.8	26.3	26.3	26.8	27.4
12H 4H	24.6	25.4	25.1	25.9	26.4	24.5	25.3	25.0	25.7	26.2
6H	25.5	26.2	26.1	26.7	27.2	25.3	25.9	25.8	26.4	26.9
8H	25.9	26.5	26.5	27.0	27.6	25.6	26.2	26.2	26.7	27.3
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 553.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.1)

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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

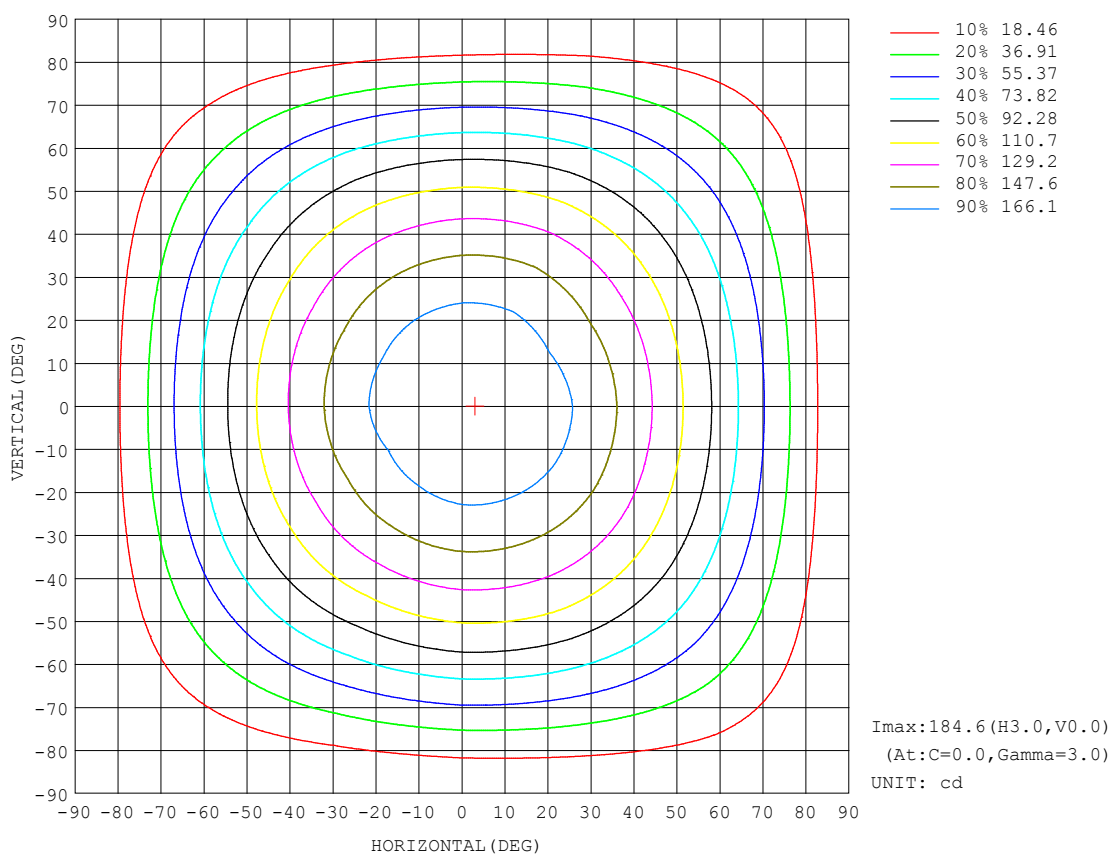
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	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	80	75	66
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					SHRNOM = 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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

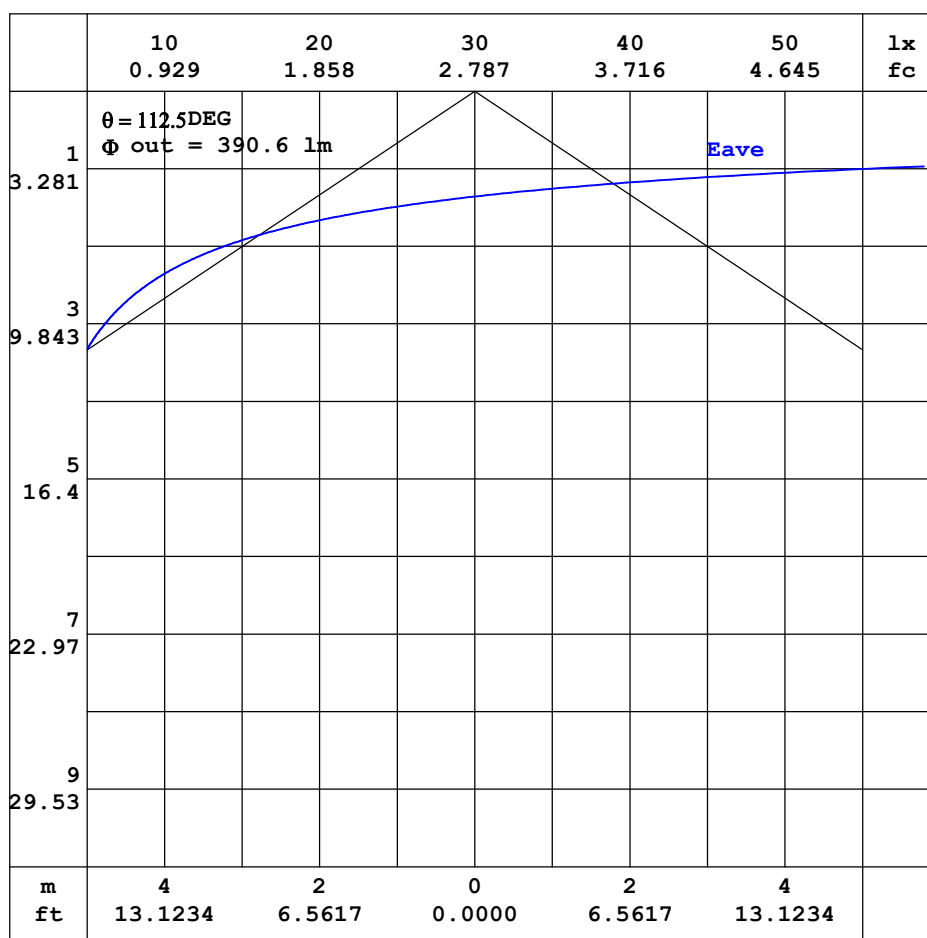


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



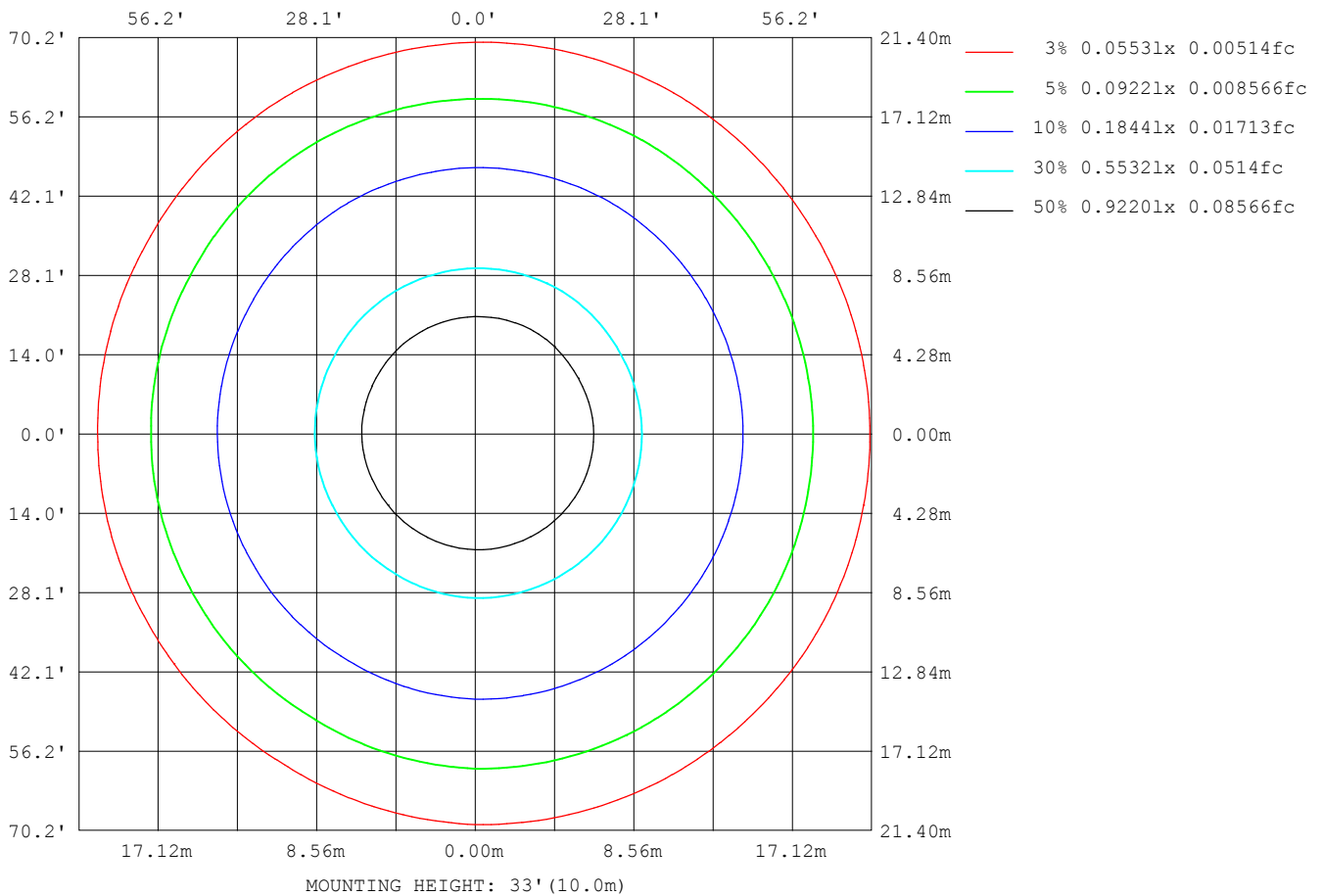
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

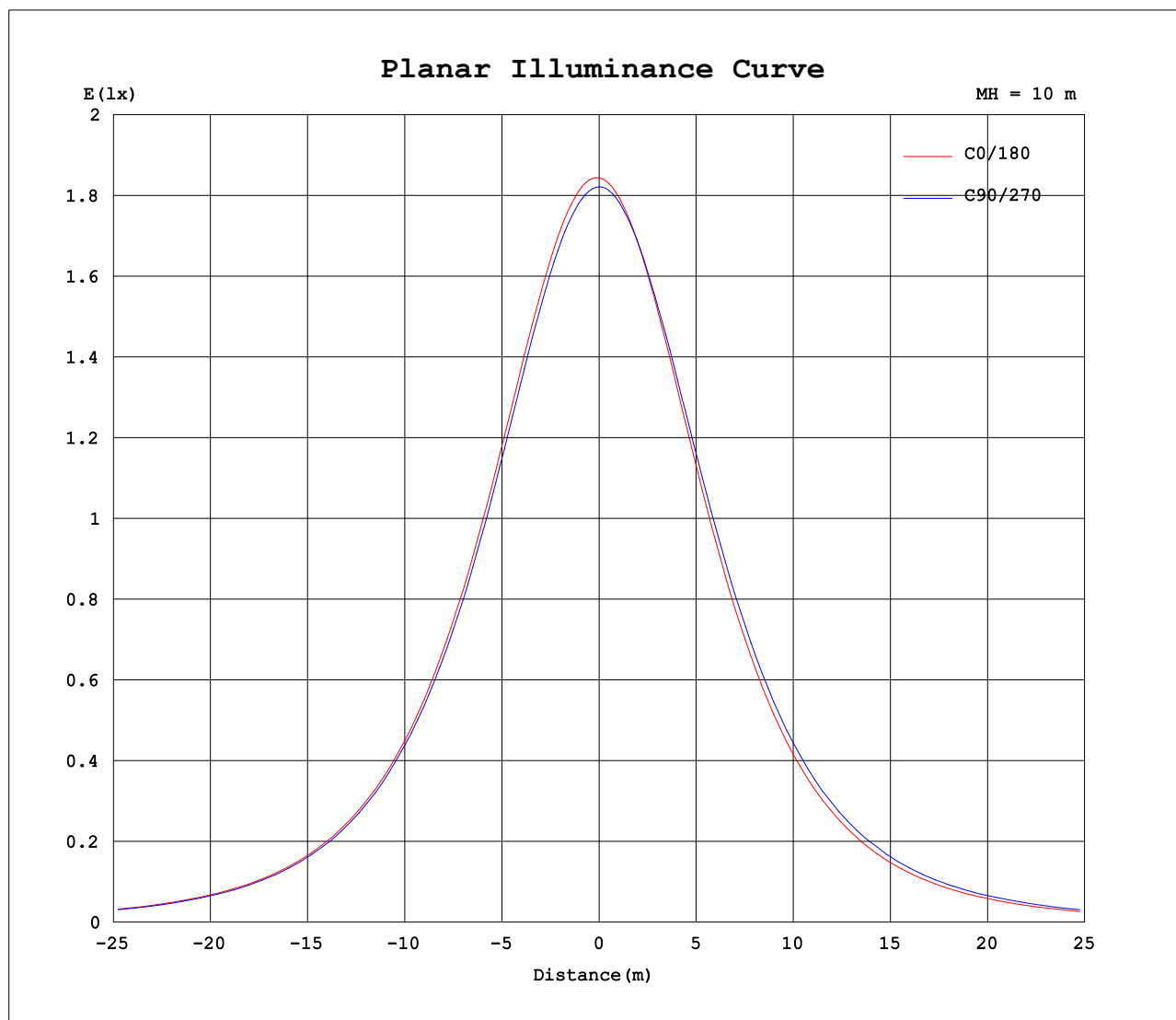
Test:U:24.00V I:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.6610A P:15.86W PF:1.000 Lamp Flux:553.565x1 lm		
NAME: SF16-24V-2835-120-2200+5700-80	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	184	184	183	182	182	181	184	184	183	182	182	181							
5	184	183	182	181	180	180	183	182	182	182	181	181							
10	182	181	180	179	177	177	180	179	179	179	179	179							
15	179	178	176	175	173	172	175	174	175	176	176	176							
20	174	173	171	170	167	166	169	168	170	171	172	171							
25	167	166	165	163	160	159	161	161	163	165	166	164							
30	159	159	157	155	152	150	152	152	155	157	159	157							
35	150	149	147	145	142	140	141	142	145	148	150	148							
40	139	139	137	135	131	129	130	131	134	137	139	138							
45	127	127	126	124	119	117	118	119	123	126	128	127							
50	115	115	114	112	106	104	105	106	110	113	115	114							
55	101	101	101	98.3	92.7	90.4	90.8	92.1	96.5	99.4	101	101							
60	86.7	87.0	86.2	84.1	78.5	76.3	76.3	77.6	82.0	84.6	86.7	86.2							
65	71.7	72.1	70.9	69.1	63.8	61.7	61.3	62.6	66.7	69.6	71.5	71.2							
70	56.4	56.7	55.4	53.8	48.8	46.6	46.0	47.3	50.9	53.6	55.9	56.0							
75	40.9	41.3	39.7	37.9	33.5	31.8	31.1	32.1	35.2	37.9	40.3	40.4							
80	25.9	26.4	24.9	23.3	19.4	18.1	17.3	18.1	20.4	22.6	25.4	25.7							
85	13.1	13.5	12.5	11.0	8.42	8.13	7.25	7.71	8.67	10.1	12.5	12.9							
90	5.23	5.70	5.72	5.42	4.22	3.57	2.42	3.02	3.66	4.48	5.10	5.08							
95	2.39	3.25	4.71	5.20	3.87	2.81	1.51	2.29	3.25	4.25	3.81	2.71							
100	2.26	3.00	4.31	4.86	3.86	2.77	1.44	2.20	3.27	4.15	3.64	2.41							
105	2.27	2.84	4.06	4.61	3.82	2.82	1.56	2.21	3.27	4.02	3.57	2.25							
110	2.31	2.84	3.87	4.34	3.76	2.88	1.71	2.29	3.27	3.94	3.47	2.19							
115	2.45	2.87	3.70	4.15	3.70	2.94	1.87	2.38	3.28	3.87	3.36	2.16							
120	2.57	2.90	3.60	3.94	3.63	2.99	2.04	2.46	3.27	3.77	3.26	2.17							
125	2.71	2.95	3.49	3.77	3.56	3.04	2.22	2.53	3.27	3.67	3.18	2.20							
130	2.85	3.00	3.42	3.63	3.48	3.10	2.40	2.61	3.26	3.59	3.11	2.29							
135	2.96	3.07	3.37	3.50	3.42	3.16	2.59	2.69	3.26	3.49	3.08	2.40							
140	3.09	3.15	3.35	3.45	3.40	3.24	2.77	2.80	3.25	3.40	3.07	2.54							
145	3.20	3.25	3.36	3.43	3.40	3.33	2.95	2.93	3.25	3.35	3.06	2.71							
150	3.31	3.35	3.38	3.47	3.41	3.43	3.12	3.08	3.25	3.30	3.09	2.88							
155	3.42	3.46	3.45	3.55	3.50	3.53	3.29	3.25	3.30	3.31	3.18	3.07							
160	3.52	3.57	3.53	3.62	3.57	3.61	3.45	3.38	3.42	3.33	3.32	3.23							
165	3.63	3.66	3.61	3.70	3.66	3.68	3.59	3.51	3.55	3.46	3.46	3.37							
170	3.73	3.74	3.68	3.75	3.72	3.74	3.71	3.63	3.66	3.58	3.59	3.50							
175	3.76	3.79	3.73	3.76	3.75	3.76	3.78	3.70	3.75	3.67	3.70	3.60							
180	3.80	3.79	3.74	3.76	3.75	3.73	3.82	3.75	3.76	3.75	3.75	3.68							

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	184.4	183.5	182.8	182.2	181.6	181.0	180.4	183.5	182.8	182.2
3.0	184.6	183.6	182.7	181.8	181.0	180.3	183.7	182.8	182.3	182.0
6.0	184.1	183.1	181.9	181.0	179.9	179.1	182.4	181.6	181.4	181.2
9.0	183.0	182.0	180.7	179.6	178.2	177.2	180.4	179.7	179.8	179.9
12.0	181.2	180.4	178.9	177.6	175.9	174.9	177.9	177.2	177.8	178.1
15.0	178.9	178.1	176.5	175.1	173.2	171.9	174.8	174.3	175.2	175.7
18.0	176.1	175.2	173.6	172.1	169.9	168.5	171.2	170.9	172.0	172.9
21.0	172.6	171.9	170.1	168.4	166.0	164.6	167.1	166.8	168.4	169.7
24.0	168.6	167.9	166.1	164.5	161.7	160.1	162.4	162.4	164.2	166.1
27.0	164.1	163.5	161.6	159.8	156.9	155.2	157.3	157.2	159.6	161.6
30.0	159.1	158.6	156.6	154.6	151.6	149.9	151.8	152.0	154.5	156.9
33.0	153.6	153.1	151.1	149.3	145.9	144.0	145.7	146.1	149.0	151.7
36.0	147.7	147.2	145.2	143.4	139.8	137.7	139.3	139.9	142.9	145.8
39.0	141.3	140.9	139.1	137.2	133.3	131.2	132.5	133.2	136.6	139.6
42.0	134.5	134.2	132.8	130.8	126.3	124.2	125.3	126.2	129.9	132.9
45.0	127.4	127.1	126.3	124.1	119.1	116.9	117.8	118.9	122.8	125.8
48.0	119.8	119.7	118.3	116.6	111.5	109.4	110.1	111.1	115.3	118.0
51.0	111.9	111.9	111.8	109.1	103.6	101.4	102.0	103.1	107.5	110.3
54.0	103.7	103.8	103.6	100.8	95.42	93.32	93.65	94.95	99.30	101.9
57.0	95.30	95.60	95.03	92.83	87.02	85.07	85.09	86.38	90.84	93.28
60.0	86.66	86.97	86.25	84.12	78.46	76.33	76.29	77.59	82.00	84.62
63.0	77.77	78.00	77.17	75.04	69.76	67.45	67.29	68.73	72.87	75.42
66.0	68.65	68.99	67.86	66.01	60.85	58.64	58.23	59.61	63.59	66.49
69.0	59.46	59.87	58.51	56.86	51.84	49.69	49.06	50.33	54.03	57.05
72.0	50.22	50.69	49.12	47.28	42.68	40.64	39.96	41.21	44.50	47.42
75.0	40.87	41.35	39.71	37.90	33.53	31.80	31.06	32.08	35.17	37.95
78.0	31.77	32.48	30.59	29.11	24.72	23.43	22.60	23.37	26.19	28.51
81.0	23.10	23.67	22.12	20.39	16.79	15.78	14.91	15.58	17.74	20.15
84.0	15.35	15.91	14.65	13.03	10.16	9.610	8.851	9.261	10.60	12.07
87.0	9.223	9.723	8.895	7.481	5.888	5.697	4.755	5.167	5.745	6.584
90.0	5.234	5.702	5.723	5.417	4.225	3.571	2.423	3.024	3.656	4.484
93.0	2.956	3.711	4.876	5.227	3.921	2.939	1.647	2.428	3.252	4.352
96.0	2.328	3.166	4.610	5.100	3.867	2.769	1.494	2.242	3.247	4.227
99.0	2.267	3.010	4.373	4.895	3.858	2.754	1.455	2.198	3.262	4.161
102.0	2.263	2.930	4.197	4.774	3.850	2.789	1.473	2.202	3.268	4.101
105.0	2.273	2.839	4.056	4.613	3.820	2.825	1.558	2.206	3.270	4.016
108.0	2.283	2.845	3.946	4.422	3.785	2.862	1.639	2.271	3.272	3.950
111.0	2.342	2.855	3.830	4.302	3.749	2.883	1.734	2.307	3.274	3.925
114.0	2.412	2.865	3.729	4.211	3.709	2.930	1.835	2.367	3.275	3.885
117.0	2.497	2.885	3.664	4.065	3.669	2.960	1.940	2.407	3.274	3.830
120.0	2.573	2.905	3.599	3.940	3.634	2.985	2.041	2.457	3.271	3.769
123.0	2.658	2.930	3.533	3.839	3.589	3.026	2.151	2.508	3.267	3.704
126.0	2.729	2.960	3.478	3.734	3.543	3.051	2.257	2.543	3.264	3.649
129.0	2.809	2.990	3.428	3.648	3.493	3.091	2.367	2.603	3.261	3.604
132.0	2.880	3.026	3.387	3.573	3.453	3.121	2.478	2.648	3.258	3.553
135.0	2.965	3.071	3.367	3.498	3.418	3.156	2.589	2.694	3.255	3.493
138.0	3.030	3.116	3.350	3.466	3.397	3.207	2.699	2.774	3.254	3.438
141.0	3.101	3.171	3.348	3.447	3.399	3.257	2.810	2.829	3.252	3.392
144.0	3.176	3.232	3.353	3.428	3.402	3.307	2.920	2.915	3.250	3.357
147.0	3.241	3.292	3.359	3.438	3.405	3.367	3.026	2.985	3.248	3.322
150.0	3.312	3.352	3.377	3.468	3.412	3.428	3.121	3.076	3.252	3.302
153.0	3.372	3.423	3.412	3.513	3.458	3.483	3.222	3.166	3.272	3.301
156.0	3.442	3.483	3.468	3.563	3.503	3.543	3.322	3.262	3.322	3.312
159.0	3.503	3.553	3.508	3.614	3.568	3.594	3.418	3.352	3.398	3.323
162.0	3.573	3.609	3.563	3.659	3.598	3.644	3.503	3.432	3.478	3.382
165.0	3.628	3.664	3.613	3.704	3.658	3.684	3.589	3.513	3.554	3.463
168.0	3.679	3.699	3.664	3.744	3.674	3.724	3.674	3.578	3.624	3.533
171.0	3.734	3.754	3.689	3.749	3.724	3.744	3.734	3.659	3.679	3.598
174.0	3.754	3.779	3.734	3.754	3.746	3.753	3.774	3.679	3.734	3.654
177.0	3.764	3.794	3.744	3.759	3.749	3.759	3.815	3.739	3.759	3.704
180.0	3.799	3.794	3.744	3.759	3.754	3.734	3.820	3.749	3.759	3.754
G/C	300.0	330.0								
0.0	181.6	181.0								
3.0	181.6	181.1								
6.0	181.0	180.6								
9.0	179.9	179.6								
12.0	178.4	177.9								
15.0	176.3	175.6								
18.0	173.7	172.9								
21.0	170.6	169.5								
24.0	167.1	165.7								
27.0	163.1	161.4								
30.0	158.5	156.5								

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

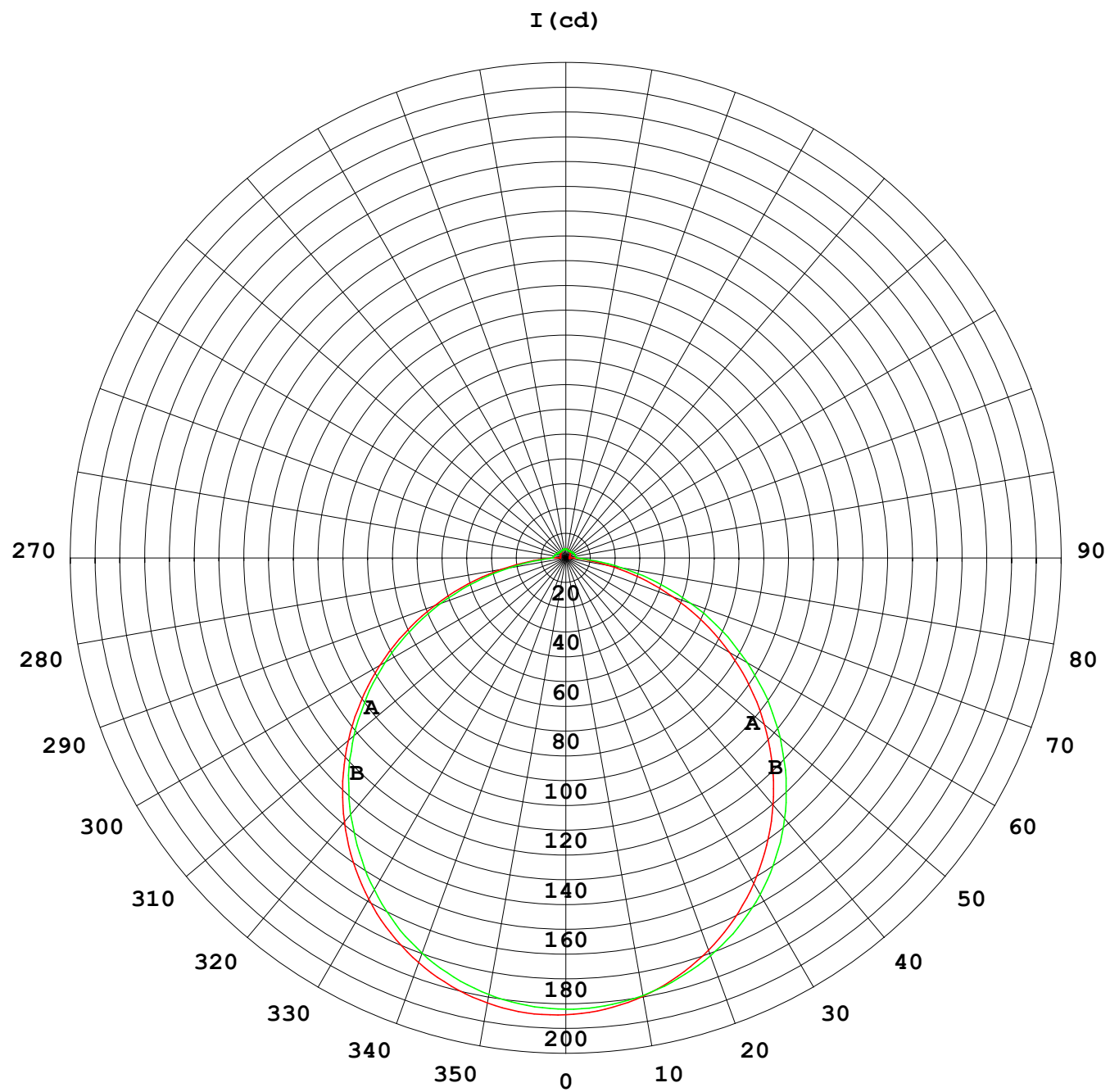
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	153.4	151.4
36.0	147.8	145.7
39.0	141.6	139.9
42.0	135.0	133.5
45.0	127.8	126.7
48.0	120.3	119.3
51.0	112.4	111.5
54.0	104.1	103.5
57.0	95.59	95.02
60.0	86.72	86.18
63.0	77.59	77.35
66.0	68.43	68.34
69.0	59.04	59.06
72.0	49.54	49.82
75.0	40.32	40.42
78.0	31.34	31.23
81.0	22.59	22.78
84.0	14.80	15.08
87.0	8.548	8.927
90.0	5.105	5.085
93.0	3.969	3.104
96.0	3.754	2.614
99.0	3.649	2.448
102.0	3.608	2.327
105.0	3.568	2.252
108.0	3.518	2.206
111.0	3.447	2.176
114.0	3.377	2.161
117.0	3.322	2.166
120.0	3.257	2.170
123.0	3.211	2.175
126.0	3.176	2.206
129.0	3.111	2.271
132.0	3.081	2.322
135.0	3.076	2.397
138.0	3.071	2.477
141.0	3.067	2.588
144.0	3.062	2.683
147.0	3.061	2.784
150.0	3.086	2.885
153.0	3.131	3.015
156.0	3.202	3.091
159.0	3.292	3.196
162.0	3.378	3.302
165.0	3.463	3.372
168.0	3.543	3.457
171.0	3.609	3.528
174.0	3.679	3.588
177.0	3.729	3.658
180.0	3.749	3.684

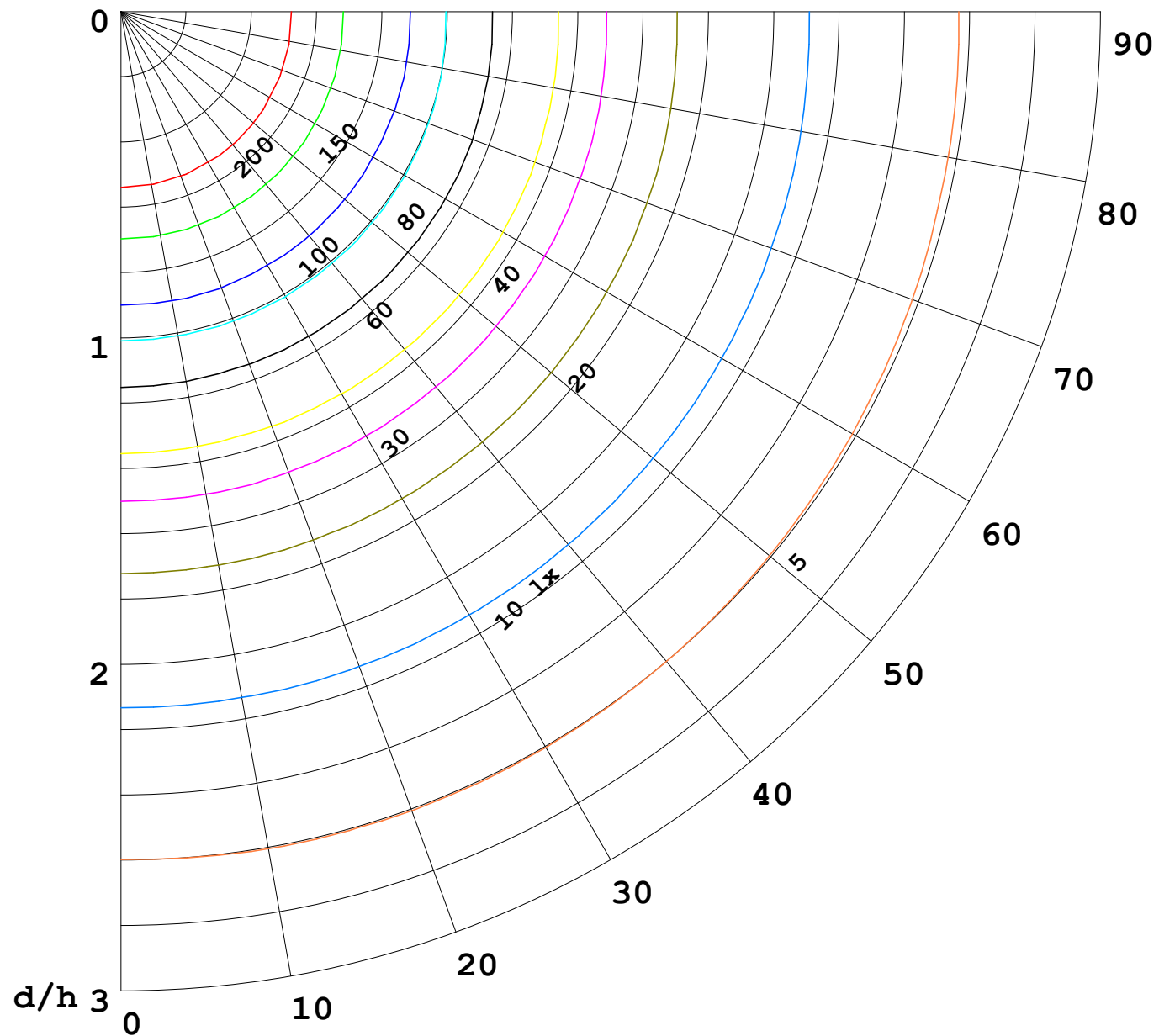
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-28

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:



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

