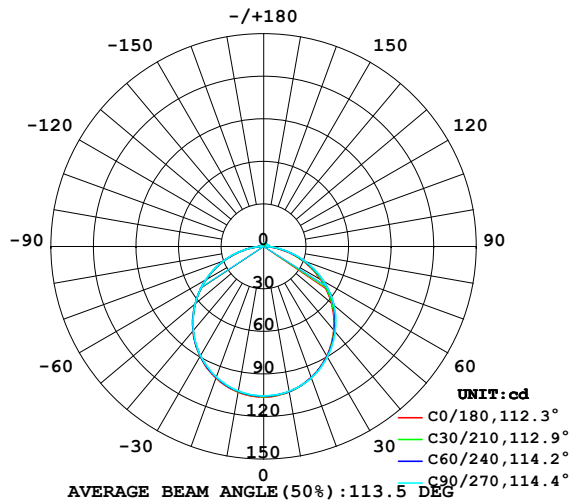


LUMINAIRE PHOTOMETRIC TEST REPORT

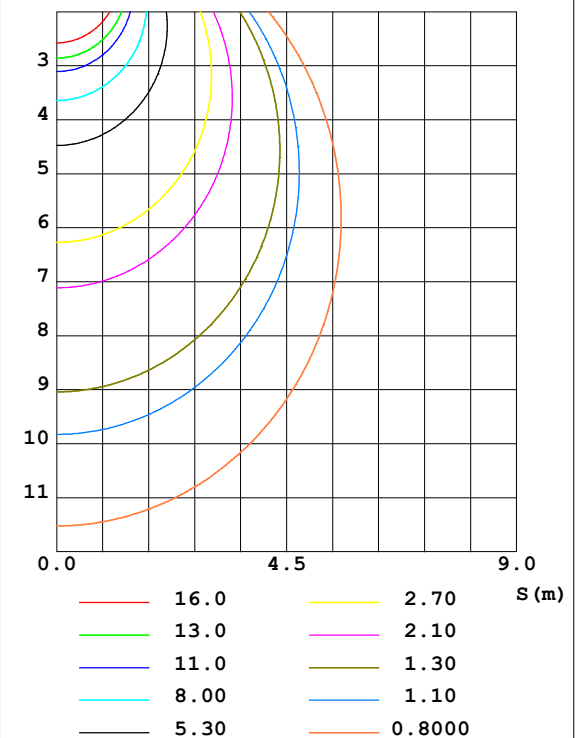
Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.83 lm/W			
MODEL	2835	I _{max} (cd)	106.2	S/MH (C0/180)	1.25
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	317.65	η UP, DN (C0-180)	2.0, 48.4
NOMINAL FLUX (lm)	317.638	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 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)



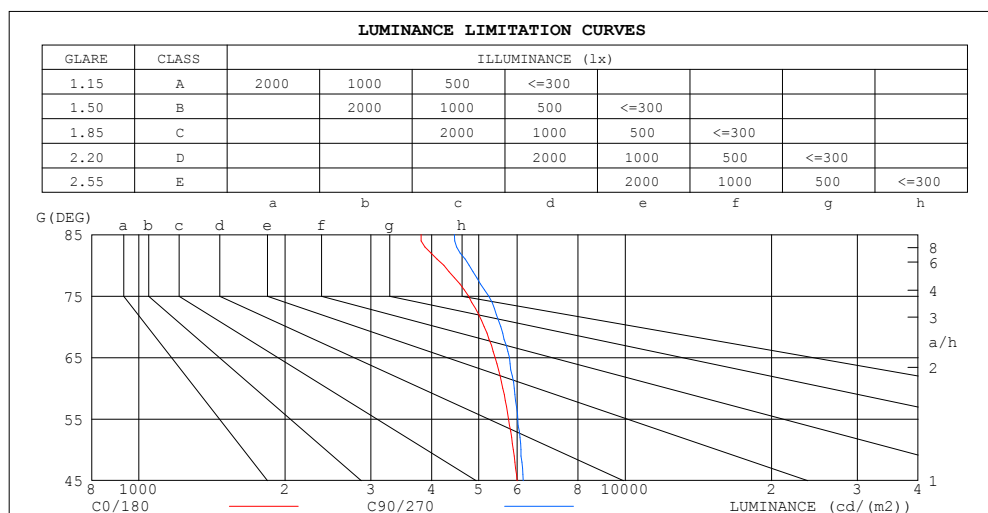
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	104.1	103.9	103.7	103.4	104.4	103.8	103.5	103.2	0- 10	9.986	9.986	3.14,3.14
20	98.27	98.40	98.52	98.01	98.74	98.26	97.91	97.51	10- 20	28.61	38.59	12.1,12.1
30	89.10	89.51	89.89	89.25	89.65	89.33	89.06	88.51	20- 30	43.37	81.96	25.8,25.8
40	76.98	77.79	78.52	77.48	77.65	77.46	77.30	76.65	30- 40	52.33	134.3	42.3,42.3
50	62.48	63.88	64.74	63.31	63.21	63.17	63.16	62.42	40- 50	54.45	188.7	59.4,59.4
60	46.24	47.89	48.82	47.17	47.04	47.06	47.36	46.82	50- 60	49.56	238.3	75,75
70	28.96	30.38	31.33	29.98	29.85	29.90	30.47	29.67	60- 70	38.33	276.6	87.1,87.1
80	12.14	13.15	13.68	12.86	12.74	12.89	13.38	12.61	70- 80	22.51	299.2	94.2,94.2
90	1.935	2.777	2.945	2.445	1.966	2.091	2.444	1.943	80- 90	7.065	306.2	96.4,96.4
100	1.185	2.216	2.719	1.913	0.9020	1.488	2.161	1.378	90-100	2.030	308.3	97,97
110	1.337	2.128	2.583	1.919	0.9451	1.475	2.025	1.394	100-110	1.829	310.1	97.6,97.6
120	1.492	2.068	2.452	1.948	1.136	1.540	1.930	1.444	110-120	1.724	311.8	98.2,98.2
130	1.638	2.027	2.287	1.953	1.342	1.618	1.895	1.523	120-130	1.583	313.4	98.7,98.7
140	1.774	2.015	2.166	1.970	1.558	1.699	1.897	1.636	130-140	1.400	314.8	99.1,99.1
150	1.905	2.034	2.139	2.014	1.764	1.814	1.899	1.759	140-150	1.175	316.0	99.5,99.5
160	2.040	2.083	2.136	2.071	1.960	1.942	1.925	1.912	150-160	0.9051	316.9	99.8,99.8
170	2.128	2.133	2.153	2.131	2.121	2.086	2.055	2.063	160-170	0.5825	317.5	99.9,99.9
180	2.151	2.151	2.161	2.141	2.161	2.143	2.146	2.138	170-180	0.2029	317.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3805	4459
80	4237	4775
75	4761	5241
70	5131	5552
65	5399	5779
60	5605	5918
55	5759	6013
50	5891	6104
45	5998	6172

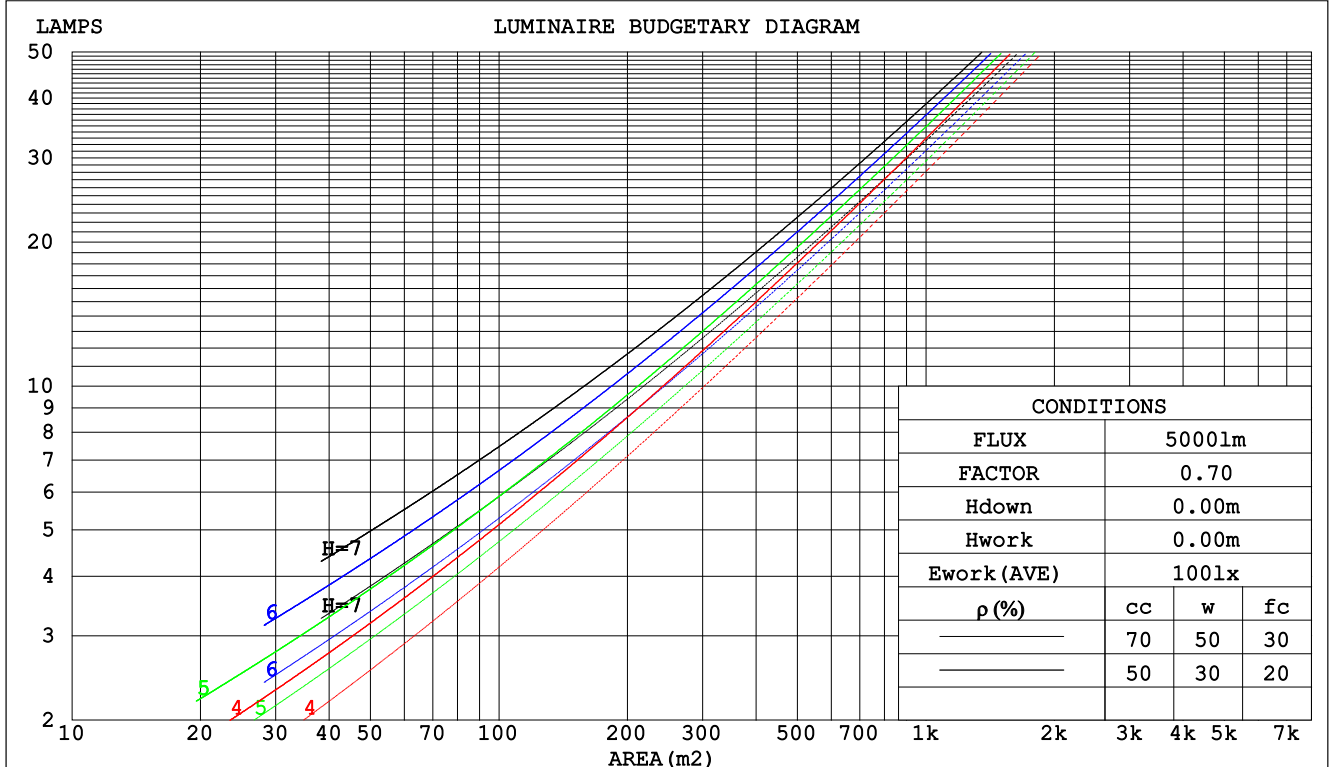
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
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	.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	.39	.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	.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:2022-03-23

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

WEC AND CCEC

Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm					
NAME: SF16-24V-2835-120-6500-80			TYPE: 硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022032301
MFR.: OLYMPIA			SUR.:1*0.0165		PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.314	.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	.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	.225	.116	.034	.216	.112	.033	.207	.109	.032	.198	.106	.032		
6.0	.214	.107	.031	.209	.106	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.094	.027	.179	.092	.027	.173	.090	.026		
8.0	.185	.091	.025	.182	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.184	.162	.178	.158	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.160	.126	.172	.138	.109	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.089	.113	.085	.062	.066	.050	.037	.021	.016	.012	
4.0	.185	.129	.086	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.075	.153	.103	.066	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.171	.111	.067	.147	.096	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.097	.063	.038	.057	.037	.023	.018	.012	.007	
8.0	.157	.098	.057	.135	.085	.050	.094	.060	.035	.055	.035	.021	.018	.012	.007	
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.125	.077	.044	.087	.054	.032	.051	.032	.019	.016	.011	.006	

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

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

Uncorrected UGR Table

Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm											
NAME: SF16-24V-2835-120-6500-80						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022032301			
MFR.: OLYMPIA						SUR.:1*0.0165		PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	18.8	20.3	19.1	20.5	20.8	19.0	20.5	19.3	20.7	21.0	
	3H	20.3	21.7	20.6	22.0	22.3	20.6	22.0	20.9	22.3	22.6
	4H	20.9	22.2	21.3	22.5	22.8	21.2	22.5	21.6	22.8	23.2
	6H	21.3	22.5	21.7	22.9	23.2	21.7	22.9	22.1	23.3	23.6
	8H	21.5	22.6	21.8	23.0	23.3	21.9	23.0	22.3	23.4	23.8
	12H	21.5	22.7	21.9	23.0	23.4	22.0	23.1	22.4	23.5	23.8
4H	2H	19.4	20.7	19.8	21.0	21.4	19.6	20.9	20.0	21.2	21.5
	3H	21.1	22.3	21.5	22.6	23.0	21.4	22.5	21.8	22.9	23.2
	4H	21.9	22.9	22.3	23.3	23.7	22.1	23.2	22.6	23.6	24.0
	6H	22.4	23.3	22.9	23.7	24.2	22.7	23.7	23.2	24.1	24.5
	8H	22.6	23.4	23.1	23.9	24.3	22.9	23.8	23.4	24.2	24.7
	12H	22.7	23.5	23.2	23.9	24.4	23.1	23.9	23.6	24.3	24.8
8H	4H	22.1	23.0	22.6	23.4	23.9	22.4	23.2	22.9	23.7	24.1
	6H	22.9	23.6	23.4	24.0	24.5	23.1	23.8	23.6	24.3	24.8
	8H	23.1	23.8	23.6	24.2	24.8	23.4	24.1	24.0	24.6	25.1
	12H	23.3	23.9	23.9	24.4	24.9	23.7	24.2	24.2	24.7	25.3
12H	4H	22.2	22.9	22.6	23.4	23.9	22.4	23.2	22.9	23.6	24.1
	6H	22.9	23.5	23.4	24.0	24.6	23.2	23.8	23.7	24.3	24.8
	8H	23.2	23.8	23.8	24.3	24.8	23.5	24.1	24.1	24.6	25.1
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 317.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.0)

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

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

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

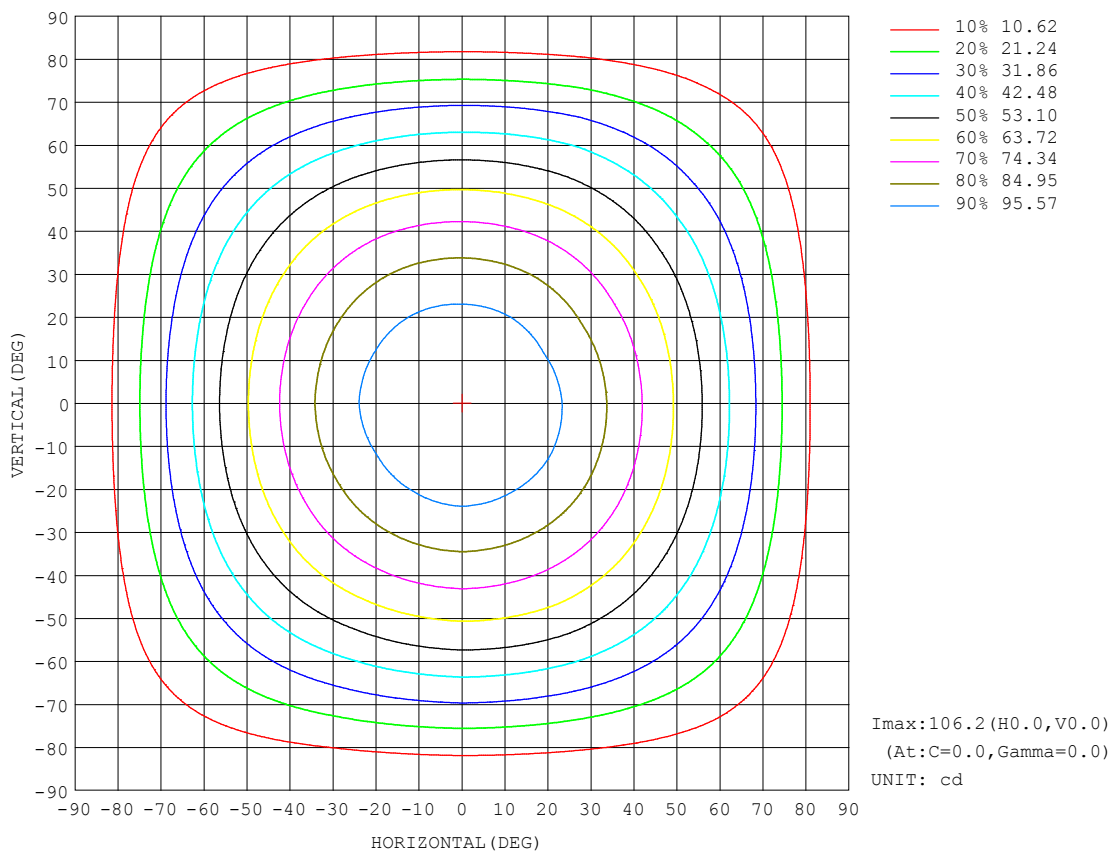
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	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	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	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:2022-03-23

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

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

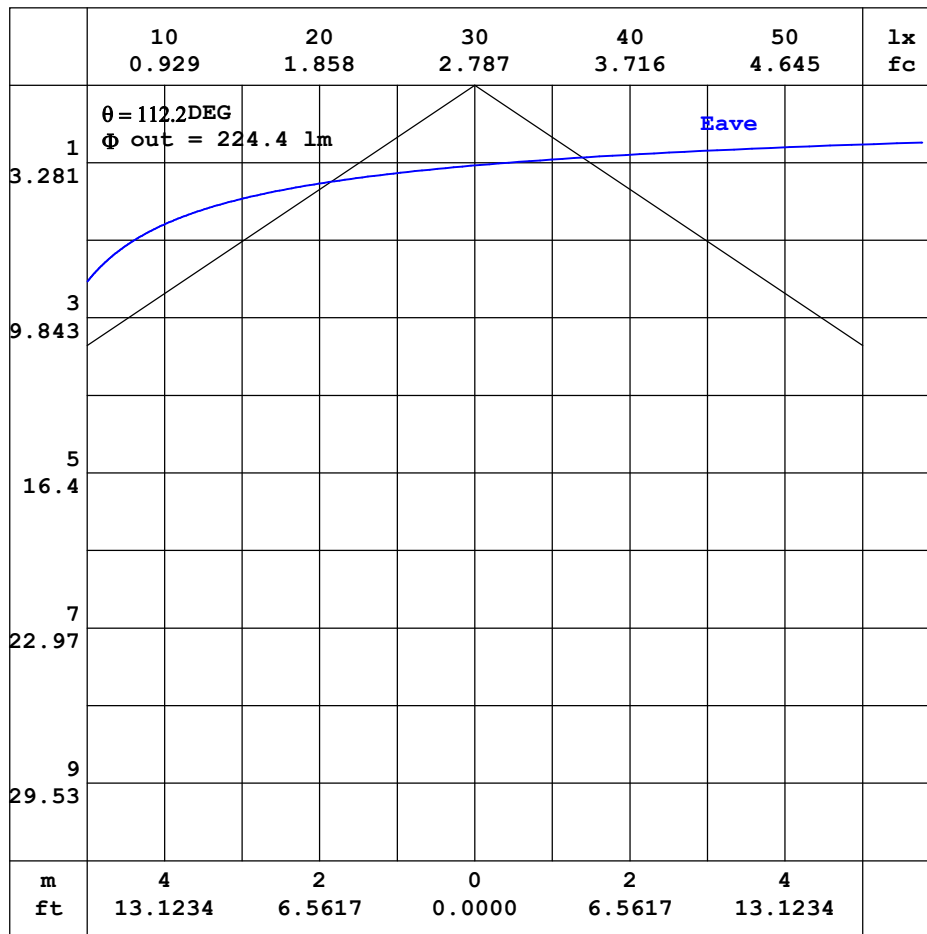


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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

AAI CURVES

Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



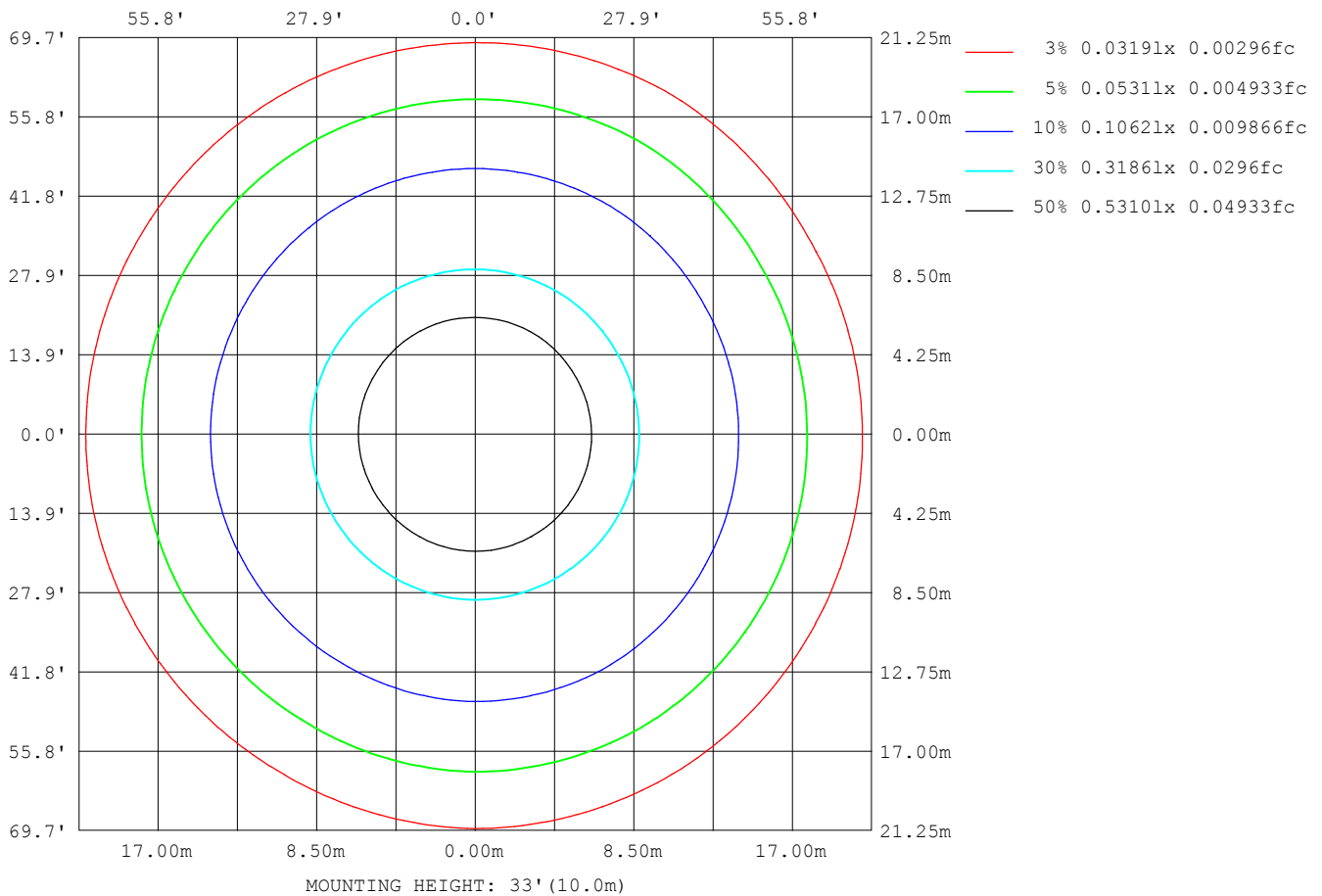
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

ISOLUX DIAGRAM

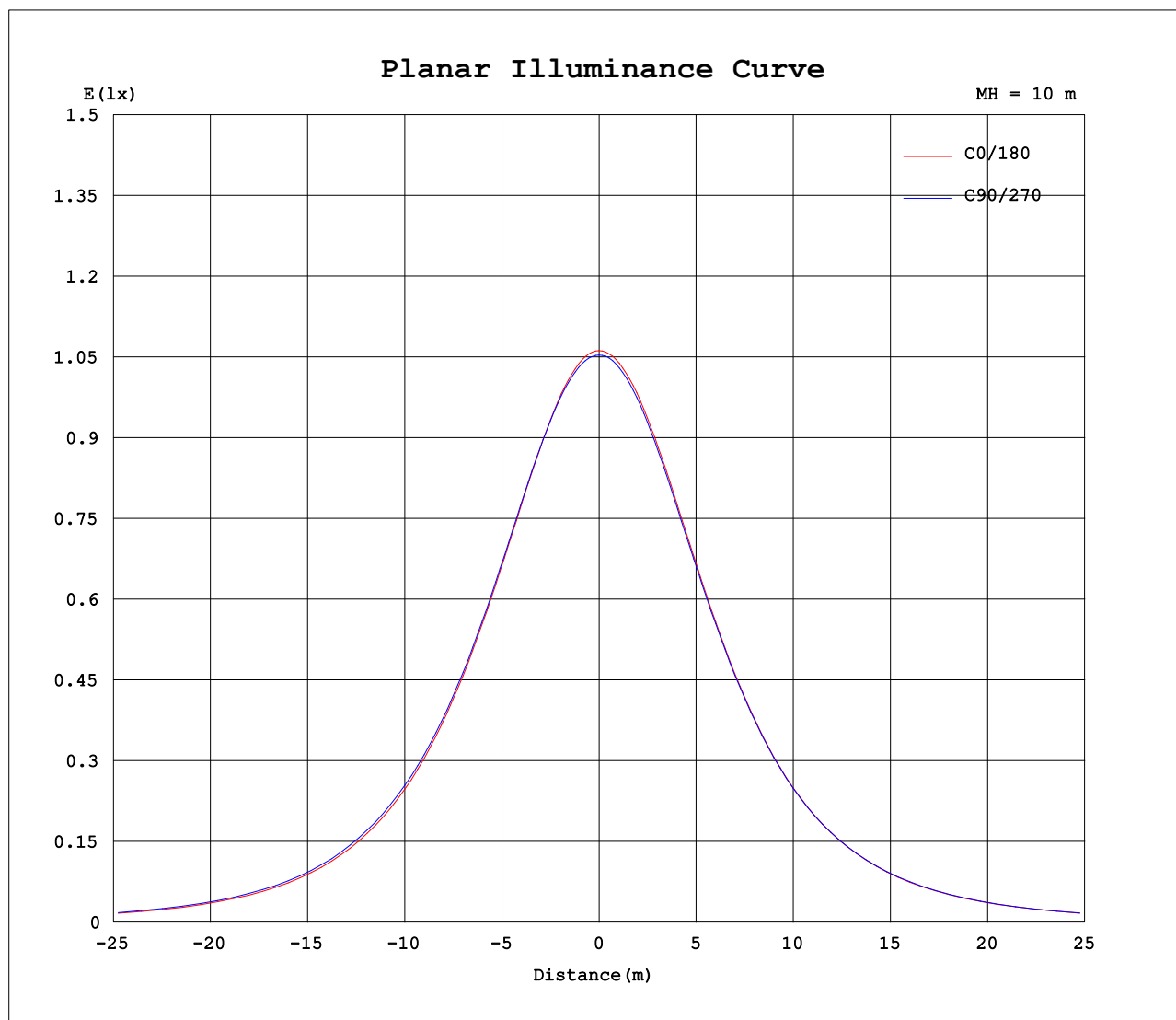
Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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

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

Planar Illuminance Curve



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3913A P:9.391W PF:1.000 Lamp Flux:317.638x1 lm		
NAME: SF16-24V-2835-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	106	106	106	105	105	105	106	106	106	105	105	105							
5	106	105	105	105	105	105	106	105	105	105	105	105							
10	104	104	104	104	103	103	104	104	104	103	103	103							
15	102	102	102	102	101	101	102	102	101	101	101	101							
20	98.3	98.4	98.4	98.5	98.1	97.9	98.7	98.3	98.3	97.9	97.7	97.3							
25	94.1	94.4	94.3	94.7	94.1	93.9	94.6	94.2	94.2	93.9	93.7	93.1							
30	89.1	89.4	89.6	89.9	89.4	89.1	89.7	89.3	89.3	89.1	88.8	88.3							
35	83.4	83.8	84.1	84.4	83.9	83.5	84.0	83.7	83.8	83.5	83.2	82.6							
40	77.0	77.6	77.9	78.5	77.7	77.3	77.7	77.4	77.5	77.3	77.0	76.3							
45	70.0	70.8	71.5	72.0	70.8	70.5	70.7	70.5	70.7	70.5	70.2	69.4							
50	62.5	63.2	64.5	64.7	63.5	63.1	63.2	63.0	63.3	63.2	62.9	62.0							
55	54.5	55.3	57.0	56.9	55.6	55.2	55.3	55.2	55.5	55.6	55.3	54.1							
60	46.2	47.2	48.6	48.8	47.3	47.0	47.0	46.8	47.3	47.4	47.7	45.9							
65	37.6	38.6	39.8	40.3	38.8	38.5	38.5	38.4	38.8	39.1	39.3	37.5							
70	29.0	30.0	30.8	31.3	30.1	29.8	29.8	29.7	30.1	30.5	30.4	28.9							
75	20.3	21.4	21.9	22.4	21.3	21.2	21.1	21.1	21.4	21.7	21.6	20.3							
80	12.1	13.1	13.3	13.7	12.9	12.9	12.7	12.8	13.0	13.4	13.1	12.2							
85	5.47	6.18	6.26	6.41	5.84	5.96	5.78	5.85	5.78	6.09	5.88	5.29							
90	1.93	2.58	2.97	2.94	2.50	2.39	1.97	2.11	2.07	2.44	2.23	1.65							
95	1.18	1.88	2.65	2.85	2.24	1.68	0.94	1.36	1.72	2.29	1.84	0.98							
100	1.18	1.87	2.56	2.72	2.21	1.62	0.90	1.27	1.71	2.16	1.77	0.98							
105	1.24	1.86	2.49	2.62	2.20	1.61	0.90	1.24	1.70	2.08	1.72	1.01							
110	1.34	1.85	2.40	2.58	2.19	1.64	0.95	1.24	1.71	2.03	1.71	1.08							
115	1.41	1.85	2.33	2.53	2.19	1.68	1.03	1.27	1.73	1.97	1.70	1.14							
120	1.49	1.85	2.28	2.45	2.17	1.72	1.14	1.33	1.75	1.93	1.69	1.20							
125	1.56	1.86	2.23	2.37	2.15	1.76	1.24	1.41	1.76	1.90	1.69	1.27							
130	1.64	1.87	2.18	2.29	2.11	1.79	1.34	1.45	1.79	1.90	1.71	1.34							
135	1.71	1.89	2.14	2.22	2.08	1.83	1.45	1.51	1.80	1.90	1.73	1.41							
140	1.77	1.92	2.11	2.17	2.07	1.87	1.56	1.56	1.83	1.90	1.77	1.50							
145	1.84	1.95	2.09	2.14	2.05	1.92	1.66	1.63	1.87	1.90	1.81	1.58							
150	1.90	1.98	2.09	2.14	2.05	1.98	1.76	1.73	1.90	1.90	1.84	1.67							
155	1.97	2.02	2.09	2.14	2.05	2.03	1.86	1.82	1.93	1.90	1.89	1.78							
160	2.04	2.07	2.09	2.14	2.06	2.09	1.96	1.90	1.98	1.92	1.95	1.88							
165	2.08	2.13	2.10	2.15	2.09	2.14	2.05	1.99	2.06	1.99	2.02	1.96							
170	2.13	2.15	2.12	2.15	2.12	2.14	2.12	2.05	2.12	2.06	2.09	2.04							
175	2.14	2.15	2.14	2.16	2.14	2.14	2.16	2.12	2.15	2.13	2.15	2.08							
180	2.15	2.15	2.15	2.16	2.14	2.14	2.16	2.14	2.15	2.15	2.15	2.13							

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

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

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	106.2	105.8	105.6	105.4	105.2	105.0	106.2	105.8	105.6	105.4
3.0	106.0	105.7	105.4	105.2	105.1	104.9	106.0	105.7	105.4	105.2
6.0	105.5	105.2	104.9	104.8	104.6	104.4	105.5	105.2	104.9	104.7
9.0	104.5	104.3	104.2	104.0	103.8	103.6	104.7	104.3	104.1	103.9
12.0	103.3	103.2	103.0	103.0	102.7	102.5	103.5	103.1	102.9	102.7
15.0	101.7	101.7	101.5	101.6	101.2	101.0	102.0	101.6	101.4	101.1
18.0	99.68	99.88	99.75	99.91	99.46	99.26	100.1	99.71	99.61	99.33
21.0	97.55	97.74	97.63	97.85	97.35	97.19	97.98	97.54	97.51	97.18
24.0	94.97	95.33	95.21	95.56	95.03	94.77	95.52	95.04	95.08	94.72
27.0	92.15	92.57	92.54	92.89	92.32	92.08	92.72	92.34	92.37	92.05
30.0	89.10	89.42	89.60	89.89	89.40	89.11	89.65	89.34	89.32	89.06
33.0	85.74	86.24	86.37	86.72	86.20	85.84	86.33	86.03	86.07	85.82
36.0	82.14	82.67	82.88	83.32	82.69	82.31	82.75	82.48	82.56	82.35
39.0	78.31	78.84	79.17	79.70	78.94	78.59	78.95	78.70	78.82	78.59
42.0	74.22	74.91	75.39	75.90	75.06	74.64	74.92	74.65	74.86	74.60
45.0	69.98	70.77	71.45	72.01	70.85	70.45	70.69	70.49	70.68	70.46
48.0	65.53	66.32	67.37	67.68	66.41	66.10	66.27	66.06	66.33	66.08
51.0	60.91	61.77	63.09	63.29	61.92	61.54	61.70	61.46	61.80	61.67
54.0	56.10	56.96	58.55	58.45	57.23	56.84	56.95	56.79	57.09	57.15
57.0	51.23	52.20	53.70	53.74	52.39	52.01	52.08	51.88	52.27	52.40
60.0	46.24	47.17	48.61	48.82	47.31	47.03	47.04	46.81	47.30	47.36
63.0	41.12	42.02	43.37	43.59	42.27	41.94	41.96	41.81	42.21	42.43
66.0	35.92	36.93	38.01	38.54	37.08	36.82	36.82	36.68	37.08	37.41
69.0	30.73	31.67	32.62	33.11	31.89	31.58	31.57	31.39	31.83	32.25
72.0	25.48	26.45	27.20	27.71	26.63	26.35	26.26	26.27	26.60	27.04
75.0	20.33	21.36	21.85	22.38	21.34	21.21	21.09	21.07	21.41	21.71
78.0	15.28	16.27	16.58	16.99	16.14	16.09	16.02	15.99	16.32	16.47
81.0	10.60	11.51	11.70	12.10	11.30	11.31	11.21	11.23	11.45	11.72
84.0	6.564	7.312	7.455	7.692	7.022	7.110	6.956	6.999	7.065	7.341
87.0	3.653	4.291	4.288	4.367	3.855	4.126	3.902	3.858	3.757	3.899
90.0	1.935	2.580	2.973	2.945	2.496	2.395	1.966	2.110	2.073	2.444
93.0	1.238	1.889	2.704	2.865	2.272	1.744	1.070	1.433	1.719	2.357
96.0	1.182	1.883	2.639	2.824	2.217	1.658	0.9197	1.347	1.715	2.242
99.0	1.184	1.876	2.578	2.744	2.210	1.621	0.9033	1.292	1.710	2.181
102.0	1.186	1.870	2.543	2.689	2.203	1.613	0.8996	1.246	1.706	2.111
105.0	1.236	1.864	2.488	2.623	2.199	1.608	0.8959	1.243	1.704	2.081
108.0	1.301	1.857	2.433	2.613	2.196	1.633	0.9149	1.239	1.719	2.051
111.0	1.347	1.851	2.392	2.568	2.192	1.658	0.9701	1.241	1.718	2.010
114.0	1.397	1.844	2.347	2.533	2.189	1.674	1.020	1.256	1.730	1.985
117.0	1.437	1.849	2.312	2.498	2.186	1.709	1.076	1.296	1.739	1.950
120.0	1.492	1.854	2.282	2.452	2.171	1.724	1.136	1.327	1.754	1.930
123.0	1.518	1.857	2.252	2.382	2.156	1.744	1.191	1.367	1.759	1.905
126.0	1.568	1.870	2.226	2.347	2.141	1.774	1.257	1.412	1.769	1.895
129.0	1.613	1.871	2.196	2.292	2.116	1.784	1.322	1.432	1.784	1.895
132.0	1.653	1.880	2.171	2.256	2.106	1.809	1.387	1.472	1.794	1.896
135.0	1.708	1.890	2.141	2.216	2.081	1.829	1.453	1.508	1.804	1.896
138.0	1.739	1.905	2.121	2.211	2.071	1.865	1.518	1.553	1.824	1.897
141.0	1.789	1.925	2.106	2.156	2.061	1.890	1.578	1.578	1.849	1.897
144.0	1.829	1.940	2.091	2.140	2.052	1.910	1.634	1.628	1.870	1.898
147.0	1.874	1.960	2.085	2.139	2.052	1.950	1.699	1.673	1.885	1.898
150.0	1.905	1.980	2.087	2.139	2.053	1.975	1.764	1.729	1.900	1.899
153.0	1.950	2.005	2.089	2.138	2.054	2.015	1.825	1.804	1.920	1.900
156.0	1.970	2.035	2.092	2.137	2.055	2.041	1.880	1.844	1.940	1.909
159.0	2.010	2.061	2.094	2.136	2.051	2.076	1.945	1.890	1.965	1.921
162.0	2.051	2.101	2.096	2.151	2.076	2.101	1.995	1.955	2.006	1.970
165.0	2.076	2.131	2.098	2.147	2.086	2.136	2.051	1.985	2.056	1.985
168.0	2.116	2.142	2.101	2.151	2.118	2.137	2.086	2.040	2.096	2.055
171.0	2.130	2.147	2.131	2.154	2.126	2.138	2.136	2.065	2.131	2.066
174.0	2.137	2.149	2.131	2.158	2.133	2.140	2.166	2.106	2.144	2.111
177.0	2.146	2.151	2.141	2.161	2.136	2.141	2.161	2.126	2.156	2.126
180.0	2.151	2.151	2.151	2.161	2.141	2.141	2.161	2.136	2.151	2.146
G/C	300.0	330.0								
0.0	105.2	105.0								
3.0	105.0	104.9								
6.0	104.5	104.3								
9.0	103.6	103.4								
12.0	102.4	102.2								
15.0	101.0	100.6								
18.0	99.14	98.71								
21.0	96.97	96.51								
24.0	94.60	93.98								
27.0	91.91	91.26								
30.0	88.76	88.26								

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

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

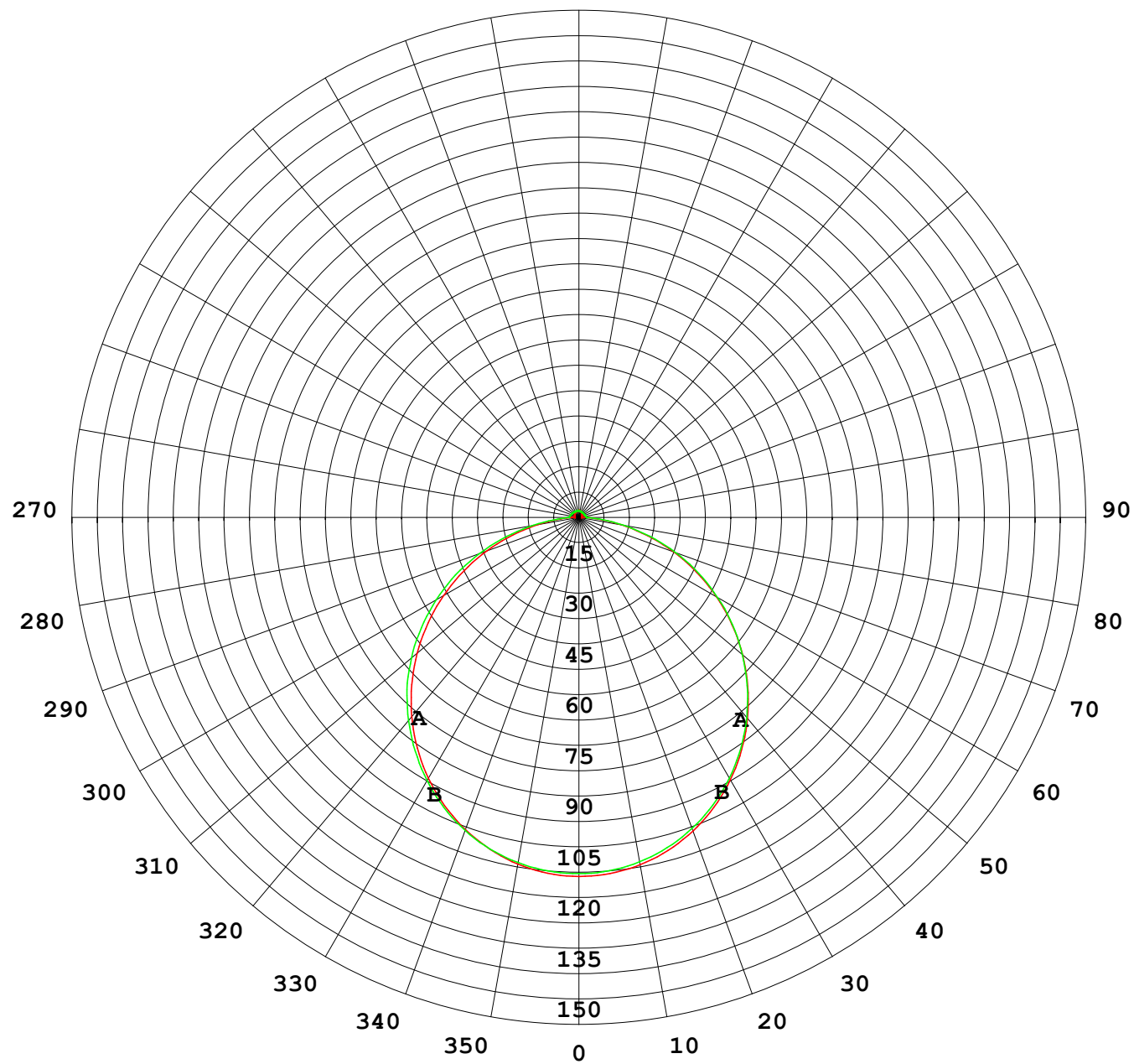
Photometric Data Table [cd]

33.0	85.60	84.94
36.0	82.04	81.40
39.0	78.26	77.57
42.0	74.36	73.55
45.0	70.24	69.39
48.0	65.73	64.99
51.0	61.34	60.43
54.0	56.76	55.80
57.0	52.21	50.93
60.0	47.72	45.91
63.0	42.73	40.96
66.0	37.45	35.82
69.0	32.25	30.61
72.0	26.84	25.49
75.0	21.58	20.32
78.0	16.39	15.30
81.0	11.49	10.60
84.0	7.136	6.460
87.0	3.862	3.375
90.0	2.234	1.652
93.0	1.924	1.021
96.0	1.814	0.9765
99.0	1.804	0.9807
102.0	1.749	0.9849
105.0	1.724	1.010
108.0	1.711	1.045
111.0	1.706	1.086
114.0	1.702	1.121
117.0	1.697	1.166
120.0	1.693	1.196
123.0	1.688	1.241
126.0	1.684	1.276
129.0	1.704	1.327
132.0	1.709	1.377
135.0	1.734	1.412
138.0	1.749	1.477
141.0	1.774	1.513
144.0	1.794	1.563
147.0	1.824	1.618
150.0	1.845	1.673
153.0	1.875	1.739
156.0	1.900	1.799
159.0	1.930	1.844
162.0	1.975	1.895
165.0	2.020	1.960
168.0	2.066	1.995
171.0	2.106	2.050
174.0	2.141	2.066
177.0	2.146	2.111
180.0	2.146	2.131

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

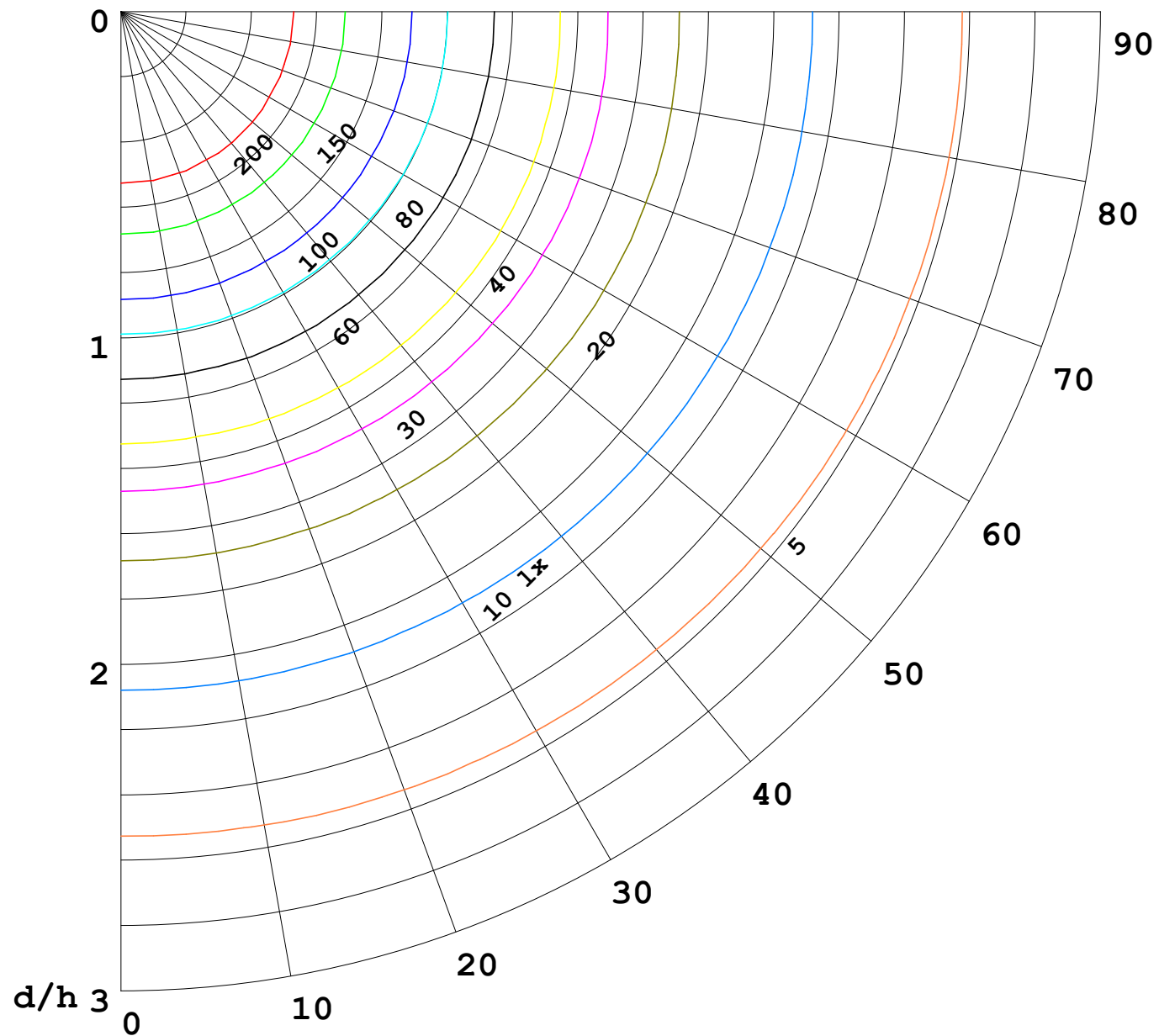
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

I (cd)



1000 lm

$\kappa = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

