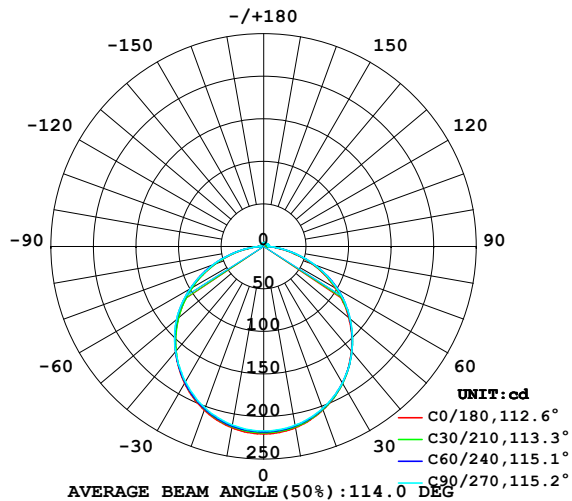


LUMINAIRE PHOTOMETRIC TEST REPORT

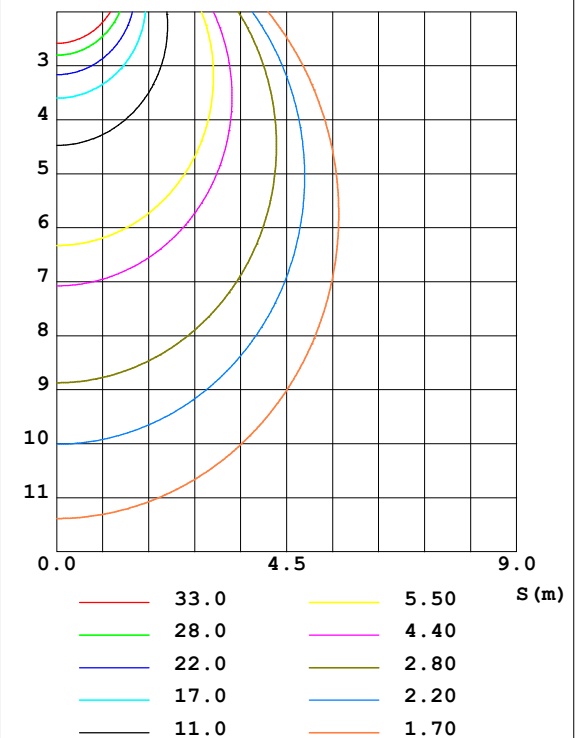
Test:U:24.00V I:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 40.19 lm/W			
MODEL	2835	I _{max} (cd)	220.3	S/MH (C0/180)	1.25
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	656.65	η UP, DN (C0-180)	2.0, 48.3
NOMINAL FLUX (lm)	656.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.2
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)



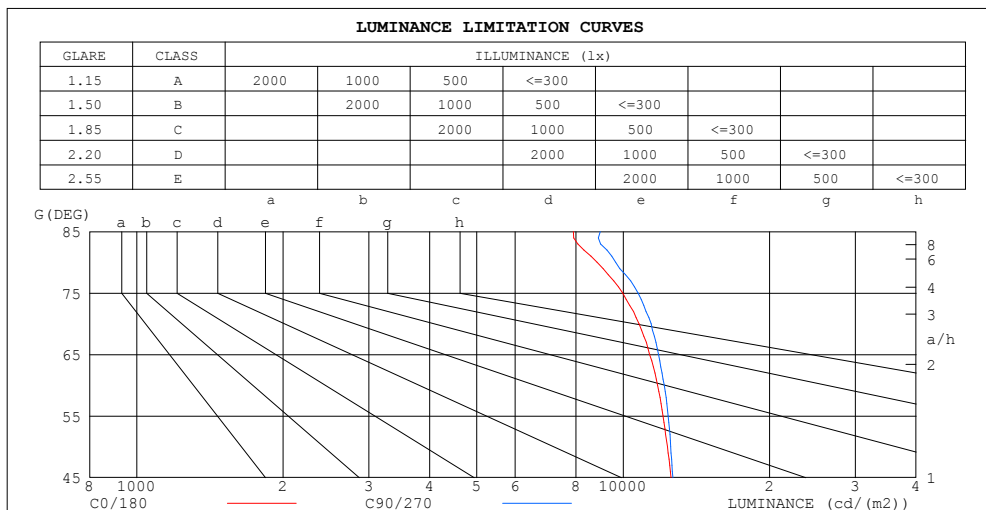
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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	216.2	214.7	213.4	211.8	216.4	214.6	213.1	211.8	0- 10	20.58	20.58	3.13,3.13
20	204.3	203.6	202.7	200.7	204.7	203.2	201.9	200.6	10- 20	58.99	79.57	12.1,12.1
30	185.5	185.5	185.1	182.8	185.9	184.9	183.9	182.5	20- 30	89.51	169.1	25.7,25.7
40	160.6	161.3	161.4	158.8	161.0	160.8	161.2	158.4	30- 40	108.2	277.3	42.2,42.2
50	130.8	132.1	132.8	129.7	131.1	132.0	134.0	130.1	40- 50	112.9	390.2	59.4,59.4
60	97.08	99.72	100.2	96.61	97.42	98.58	100.2	97.04	50- 60	103.0	493.1	75.1,75.1
70	60.86	63.30	64.40	60.76	61.18	62.49	63.37	61.35	60- 70	79.47	572.6	87.2,87.2
80	25.33	27.04	27.65	25.45	25.36	26.41	27.00	25.69	70- 80	46.30	618.9	94.3,94.3
90	4.021	5.569	5.905	4.815	3.897	4.620	5.123	3.864	80- 90	14.24	633.1	96.4,96.4
100	2.463	4.654	5.508	3.839	1.900	3.435	4.438	2.762	90-100	4.216	637.4	97.1,97.1
110	2.804	4.501	5.267	3.871	1.991	3.299	4.016	2.756	100-110	3.810	641.2	97.6,97.6
120	3.151	4.332	4.980	3.951	2.373	3.209	3.744	2.823	110-120	3.545	644.7	98.2,98.2
130	3.452	4.232	4.714	3.978	2.800	3.257	3.543	2.978	120-130	3.223	647.9	98.7,98.7
140	3.749	4.177	4.412	4.006	3.247	3.427	3.513	3.227	130-140	2.833	650.8	99.1,99.1
150	4.020	4.207	4.325	4.104	3.679	3.722	3.669	3.588	140-150	2.388	653.2	99.5,99.5
160	4.256	4.303	4.398	4.299	4.086	4.061	4.010	3.963	150-160	1.865	655.0	99.8,99.8
170	4.468	4.450	4.508	4.423	4.413	4.342	4.302	4.264	160-170	1.210	656.2	99.9,99.9
180	4.553	4.521	4.553	4.470	4.543	4.533	4.508	4.458	170-180	0.4239	656.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7903	8973
80	8842	9652
75	9984	10729
70	10785	11411
65	11338	11830
60	11768	12143
55	12074	12374
50	12333	12525
45	12534	12648

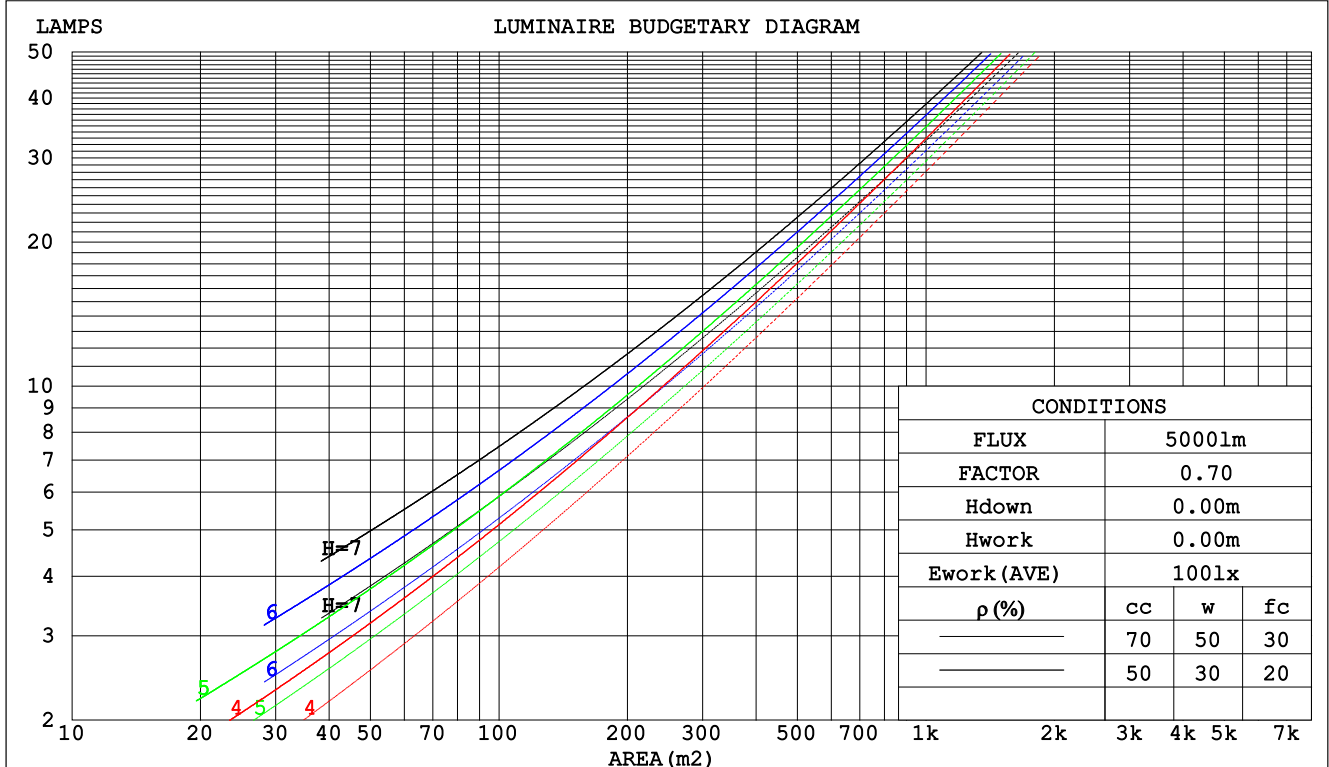
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+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	.95	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	.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	.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:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+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	.314	.179	.057	.306	.174	.055	.290	.167	.053	.276	.159	.051	.263	.153	.049		
2.0	.294	.161	.049	.286	.158	.049	.273	.152	.047	.260	.146	.046	.249	.141	.044		
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.241	.132	.041	.231	.128	.040		
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.231	.118	.034	.226	.116	.034	.216	.112	.033	.207	.109	.032	.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	.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	.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	.125	.171	.137	.108	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.088	.113	.085	.062	.065	.050	.037	.021	.016	.012	
4.0	.185	.129	.086	.159	.111	.075	.109	.078	.053	.063	.045	.031	.020	.015	.010	
5.0	.178	.119	.075	.152	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.096	.059	.101	.067	.041	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.061	.141	.090	.054	.097	.063	.038	.056	.037	.023	.018	.012	.007	
8.0	.157	.098	.057	.135	.085	.050	.094	.060	.035	.054	.035	.021	.018	.012	.007	
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.033	.020	.017	.011	.007	
10.0	.145	.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:2022-03-28

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:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm											
NAME: SF16-24V-2835-120-2700+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	21.4	22.9	21.7	23.1	23.4	21.5	23.0	21.8	23.2	23.5	
	3H	22.9	24.3	23.3	24.6	24.9	23.1	24.5	23.4	24.8	25.1
	4H	23.5	24.8	23.9	25.1	25.5	23.7	25.0	24.1	25.4	25.7
	6H	23.9	25.1	24.3	25.5	25.8	24.2	25.4	24.6	25.8	26.1
	8H	24.1	25.2	24.5	25.6	25.9	24.3	25.5	24.7	25.9	26.2
	12H	24.1	25.3	24.5	25.6	26.0	24.4	25.6	24.8	25.9	26.3
4H	2H	22.0	23.3	22.4	23.6	24.0	22.1	23.4	22.5	23.7	24.1
	3H	23.7	24.9	24.1	25.2	25.6	23.9	25.0	24.3	25.4	25.8
	4H	24.5	25.5	24.9	25.9	26.3	24.7	25.7	25.1	26.1	26.5
	6H	25.0	25.9	25.5	26.3	26.8	25.2	26.2	25.7	26.6	27.0
	8H	25.2	26.0	25.6	26.5	26.9	25.4	26.3	25.9	26.7	27.2
	12H	25.3	26.1	25.8	26.5	27.0	25.6	26.4	26.1	26.8	27.3
8H	4H	24.7	25.6	25.2	26.0	26.5	24.9	25.8	25.4	26.2	26.7
	6H	25.4	26.1	25.9	26.6	27.1	25.6	26.4	26.1	26.8	27.3
	8H	25.7	26.3	26.2	26.8	27.3	25.9	26.6	26.4	27.0	27.6
	12H	25.9	26.4	26.4	27.0	27.5	26.2	26.7	26.7	27.2	27.8
12H	4H	24.7	25.5	25.2	26.0	26.5	24.9	25.7	25.4	26.2	26.6
	6H	25.5	26.1	26.0	26.6	27.1	25.7	26.3	26.2	26.8	27.3
	8H	25.8	26.3	26.3	26.9	27.4	26.0	26.6	26.6	27.1	27.6
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 656.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.5)

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

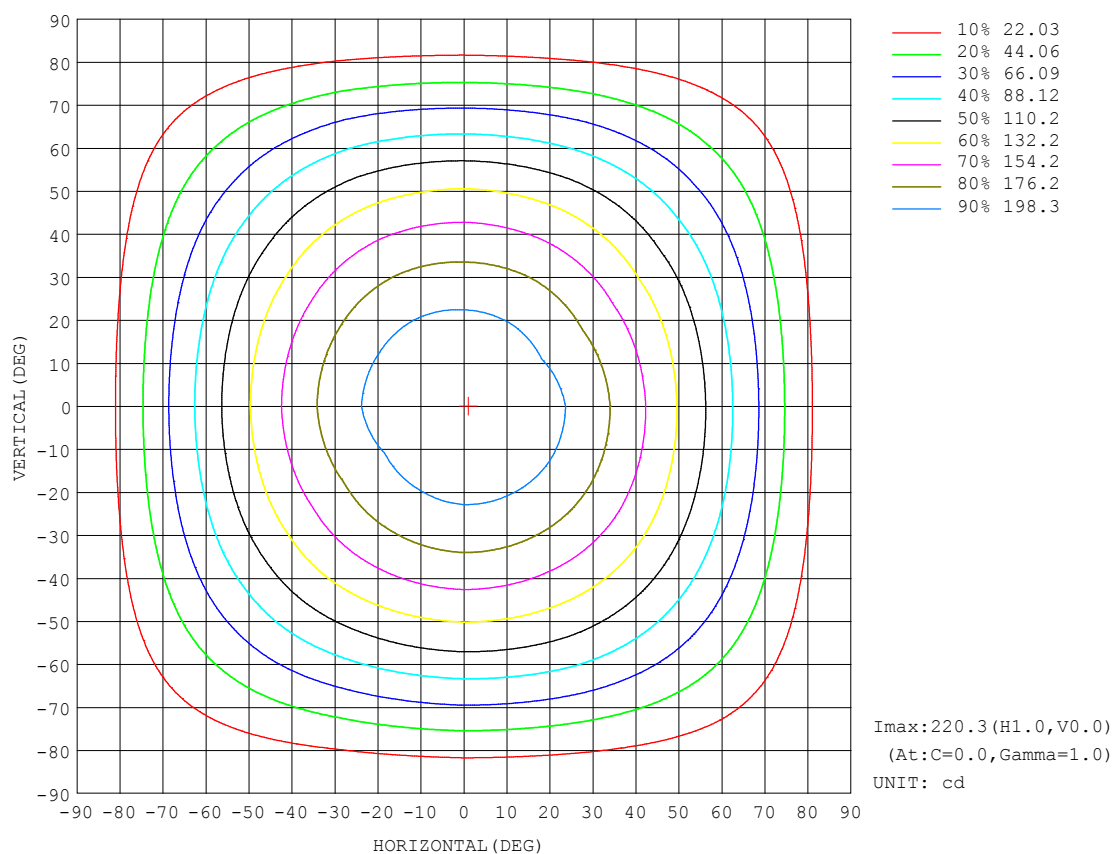
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	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	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					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:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

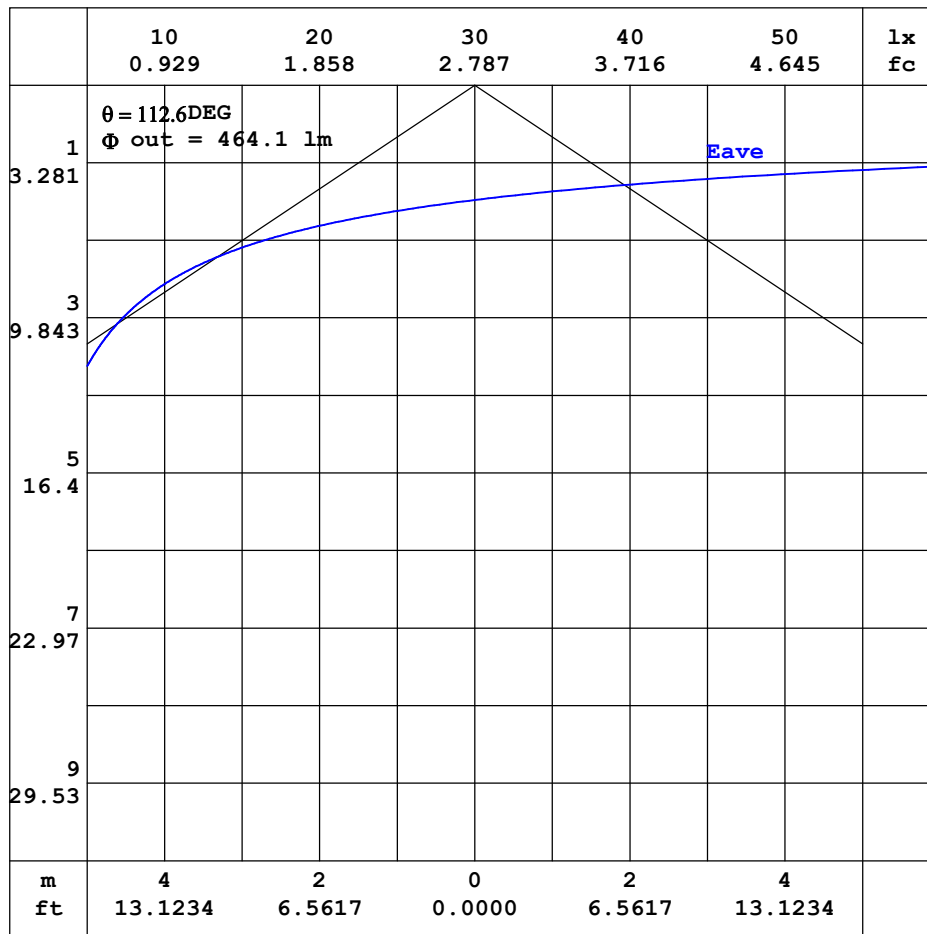


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



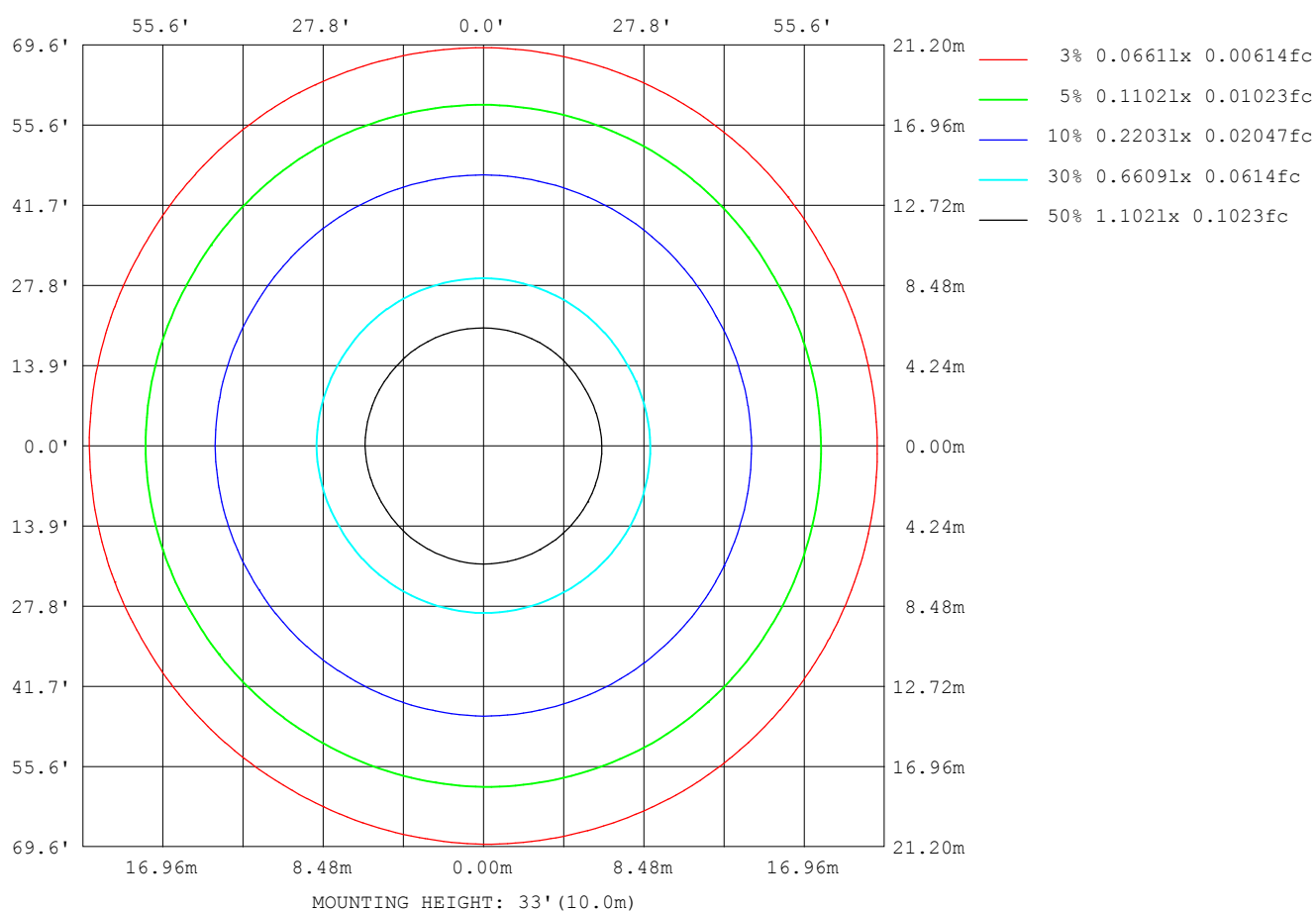
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

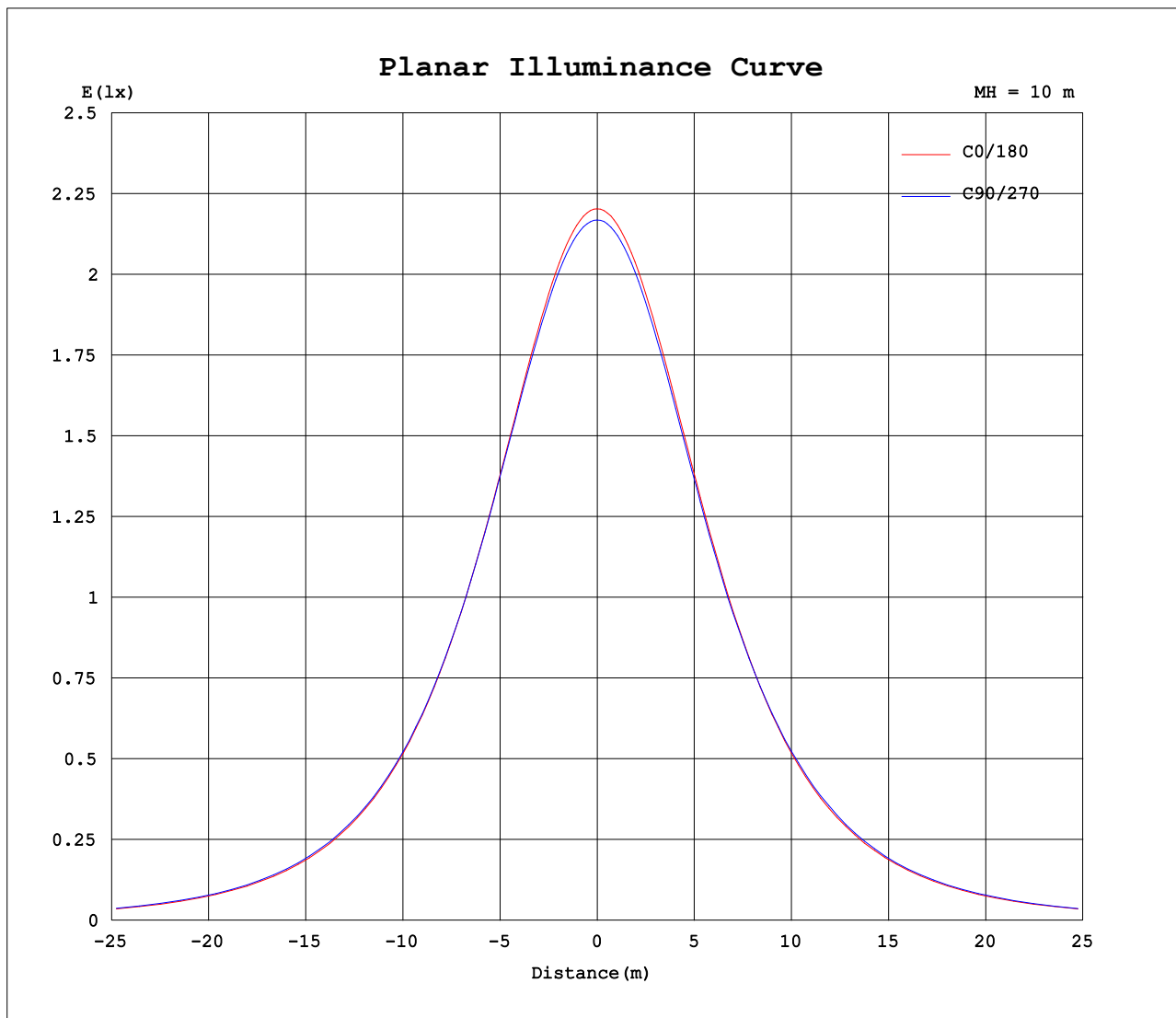
Test:U:24.00V I:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.6808A P:16.34W PF:1.000 Lamp Flux:656.64x1 lm		
NAME: SF16-24V-2835-120-2700+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	220	219	218	217	216	215	220	219	218	217	216	215							
5	219	218	217	216	215	214	219	218	217	216	215	214							
10	216	215	214	213	212	211	216	215	214	213	212	211							
15	211	211	210	209	208	207	211	210	209	208	208	206							
20	204	204	203	203	201	200	205	203	203	202	201	200							
25	196	196	195	195	193	192	196	195	195	194	193	191							
30	186	186	185	185	183	182	186	185	185	184	183	182							
35	174	174	174	174	172	171	174	173	174	173	172	170							
40	161	161	161	161	159	158	161	160	161	161	159	157							
45	146	147	147	148	146	144	147	146	148	148	146	143							
50	131	132	132	133	130	129	131	131	133	134	132	128							
55	114	116	117	117	114	113	115	114	117	118	116	112							
60	97.1	98.6	101	100	97.2	96.1	97.4	97.0	100	100	98.7	95.3							
65	79.1	80.8	82.7	82.5	79.3	78.5	79.5	79.4	82.2	82.0	80.8	77.9							
70	60.9	62.6	64.0	64.4	61.0	60.5	61.2	61.1	63.9	63.4	62.7	60.0							
75	42.6	44.2	45.1	45.8	43.0	42.4	42.8	43.0	45.1	45.0	44.1	42.1							
80	25.3	26.8	27.3	27.7	25.5	25.4	25.4	25.7	27.1	27.0	26.3	25.1							
85	11.4	12.4	12.7	12.9	11.2	11.7	11.3	11.6	12.0	12.1	11.4	10.9							
90	4.02	5.10	6.04	5.91	4.91	4.72	3.90	4.46	4.79	5.12	4.18	3.55							
95	2.44	3.78	5.60	5.70	4.42	3.42	2.05	3.16	4.10	4.72	3.47	2.13							
100	2.46	3.75	5.56	5.51	4.39	3.29	1.90	2.94	3.93	4.44	3.41	2.12							
105	2.63	3.75	5.45	5.43	4.39	3.27	1.86	2.87	3.82	4.20	3.34	2.16							
110	2.80	3.76	5.24	5.27	4.38	3.36	1.99	2.87	3.73	4.02	3.27	2.24							
115	2.97	3.79	5.02	5.12	4.38	3.44	2.18	2.87	3.64	3.87	3.21	2.36							
120	3.15	3.80	4.86	4.98	4.38	3.52	2.37	2.89	3.52	3.74	3.19	2.46							
125	3.30	3.83	4.72	4.83	4.35	3.61	2.58	2.96	3.49	3.63	3.19	2.61							
130	3.45	3.87	4.59	4.71	4.27	3.68	2.80	3.05	3.46	3.54	3.20	2.76							
135	3.60	3.91	4.48	4.55	4.19	3.77	3.03	3.18	3.46	3.50	3.25	2.93							
140	3.75	3.97	4.39	4.41	4.14	3.87	3.25	3.33	3.52	3.51	3.34	3.12							
145	3.90	4.04	4.32	4.33	4.13	3.96	3.47	3.49	3.62	3.53	3.47	3.33							
150	4.02	4.11	4.30	4.33	4.14	4.07	3.68	3.67	3.77	3.67	3.66	3.52							
155	4.15	4.19	4.30	4.35	4.21	4.17	3.89	3.84	3.94	3.84	3.84	3.74							
160	4.26	4.30	4.31	4.40	4.32	4.28	4.09	4.03	4.10	4.01	4.02	3.91							
165	4.38	4.40	4.35	4.45	4.35	4.38	4.25	4.18	4.25	4.16	4.16	4.08							
170	4.47	4.48	4.42	4.51	4.41	4.44	4.41	4.31	4.38	4.30	4.31	4.22							
175	4.53	4.53	4.47	4.55	4.45	4.47	4.51	4.42	4.49	4.40	4.42	4.32							
180	4.55	4.55	4.49	4.55	4.48	4.46	4.54	4.50	4.56	4.51	4.51	4.41							

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	220.3	218.9	217.8	216.9	215.9	215.2	220.3	218.9	217.8	216.9
3.0	220.0	218.6	217.5	216.5	215.6	214.9	220.0	218.6	217.5	216.5
6.0	218.8	217.6	216.5	215.7	214.6	213.8	218.9	217.5	216.5	215.5
9.0	217.0	216.0	214.8	214.1	212.9	212.2	217.1	215.7	214.9	213.8
12.0	214.4	213.6	212.5	211.9	210.6	209.8	214.6	213.2	212.5	211.4
15.0	211.2	210.5	209.5	208.9	207.6	206.7	211.4	210.1	209.5	208.5
18.0	207.3	206.8	205.9	205.3	204.0	203.0	207.6	206.3	205.8	204.8
21.0	202.8	202.5	201.6	201.3	199.7	198.8	203.1	201.9	201.5	200.4
24.0	197.6	197.5	196.7	196.5	194.8	193.8	198.0	196.7	196.6	195.5
27.0	191.8	191.8	191.3	191.1	189.4	188.3	192.2	191.2	191.1	190.1
30.0	185.5	185.8	185.3	185.1	183.4	182.2	185.9	184.9	184.9	183.9
33.0	178.6	179.0	178.6	178.6	176.8	175.6	179.0	178.2	178.3	177.4
36.0	171.3	171.7	171.5	171.5	169.7	168.4	171.6	170.8	171.3	170.8
39.0	163.3	164.0	163.8	164.0	162.1	160.8	163.8	163.0	163.9	163.5
42.0	155.0	155.8	155.7	156.0	154.0	152.7	155.5	154.7	156.1	156.2
45.0	146.2	147.2	147.1	147.6	145.5	144.2	146.6	146.1	148.0	148.3
48.0	137.1	138.2	138.3	138.9	136.6	135.2	137.5	137.0	139.3	139.7
51.0	127.6	128.7	129.4	129.8	127.3	125.9	127.9	127.5	130.2	130.7
54.0	117.6	118.9	120.3	120.3	117.5	116.3	118.1	117.8	120.6	121.1
57.0	107.5	109.0	110.8	110.5	107.5	106.5	107.9	107.6	110.5	110.3
60.0	97.08	98.58	100.9	100.2	97.15	96.07	97.42	97.05	100.1	100.2
63.0	86.42	87.87	90.22	89.47	86.61	85.49	86.71	86.57	89.42	89.05
66.0	75.45	77.09	79.00	78.91	75.79	74.84	75.90	75.78	78.64	77.98
69.0	64.50	66.09	67.74	67.97	64.75	63.99	64.80	64.69	67.60	67.18
72.0	53.54	55.11	56.46	56.83	53.80	53.05	53.74	53.87	56.38	56.25
75.0	42.63	44.25	45.06	45.82	42.98	42.38	42.78	43.01	45.12	45.04
78.0	31.98	33.49	34.12	34.67	32.32	31.86	32.19	32.43	34.17	34.57
81.0	22.15	23.52	23.92	24.44	22.30	22.23	22.22	22.53	23.77	23.89
84.0	13.64	14.82	15.11	15.34	13.57	13.83	13.68	13.95	14.64	14.74
87.0	7.599	8.598	8.780	8.764	7.483	7.483	7.554	7.815	7.916	7.912
90.0	4.021	5.101	6.037	5.905	4.911	4.719	3.897	4.455	4.785	5.123
93.0	2.596	3.809	5.614	5.839	4.499	3.568	2.290	3.298	4.186	4.891
96.0	2.443	3.761	5.589	5.663	4.393	3.387	2.010	3.116	4.065	4.645
99.0	2.458	3.746	5.568	5.513	4.391	3.303	1.914	2.986	3.990	4.488
102.0	2.543	3.747	5.539	5.468	4.389	3.261	1.873	2.880	3.895	4.308
105.0	2.633	3.748	5.448	5.428	4.387	3.272	1.860	2.866	3.825	4.202
108.0	2.739	3.754	5.333	5.342	4.386	3.307	1.925	2.868	3.759	4.091
111.0	2.849	3.769	5.192	5.236	4.384	3.357	2.026	2.870	3.719	3.971
114.0	2.940	3.779	5.061	5.141	4.383	3.428	2.141	2.872	3.649	3.895
117.0	3.060	3.794	4.951	5.066	4.381	3.473	2.262	2.874	3.583	3.820
120.0	3.151	3.805	4.860	4.980	4.379	3.523	2.373	2.895	3.523	3.744
123.0	3.241	3.830	4.770	4.895	4.378	3.578	2.498	2.930	3.497	3.674
126.0	3.327	3.845	4.694	4.804	4.342	3.624	2.629	2.970	3.481	3.609
129.0	3.422	3.855	4.614	4.724	4.292	3.669	2.755	3.030	3.464	3.558
132.0	3.518	3.885	4.544	4.644	4.237	3.719	2.890	3.096	3.460	3.518
135.0	3.603	3.905	4.478	4.548	4.192	3.774	3.026	3.176	3.463	3.503
138.0	3.689	3.945	4.428	4.463	4.161	3.825	3.162	3.261	3.493	3.510
141.0	3.779	3.981	4.373	4.382	4.141	3.880	3.292	3.357	3.538	3.514
144.0	3.866	4.021	4.337	4.335	4.133	3.945	3.433	3.452	3.599	3.518
147.0	3.959	4.056	4.302	4.330	4.135	4.006	3.559	3.568	3.674	3.568
150.0	4.020	4.111	4.302	4.325	4.141	4.066	3.679	3.669	3.775	3.669
153.0	4.086	4.161	4.302	4.327	4.176	4.136	3.805	3.779	3.875	3.764
156.0	4.166	4.217	4.302	4.362	4.224	4.197	3.926	3.890	3.976	3.880
159.0	4.227	4.277	4.306	4.388	4.287	4.267	4.051	3.990	4.071	3.980
162.0	4.297	4.342	4.312	4.423	4.312	4.327	4.162	4.086	4.157	4.076
165.0	4.377	4.403	4.352	4.448	4.352	4.378	4.252	4.176	4.247	4.156
168.0	4.427	4.453	4.392	4.478	4.382	4.423	4.358	4.272	4.332	4.251
171.0	4.478	4.498	4.452	4.513	4.418	4.458	4.438	4.337	4.408	4.322
174.0	4.493	4.528	4.478	4.548	4.447	4.465	4.493	4.412	4.468	4.382
177.0	4.563	4.548	4.488	4.553	4.468	4.468	4.543	4.473	4.533	4.467
180.0	4.553	4.548	4.493	4.553	4.478	4.463	4.543	4.503	4.563	4.508
G/C	300.0	330.0								
0.0	215.9	215.2								
3.0	215.6	214.9								
6.0	214.7	213.8								
9.0	213.0	212.1								
12.0	210.7	209.6								
15.0	207.7	206.5								
18.0	204.0	202.7								
21.0	199.8	198.3								
24.0	194.9	193.3								
27.0	189.5	187.8								
30.0	183.4	181.6								

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:

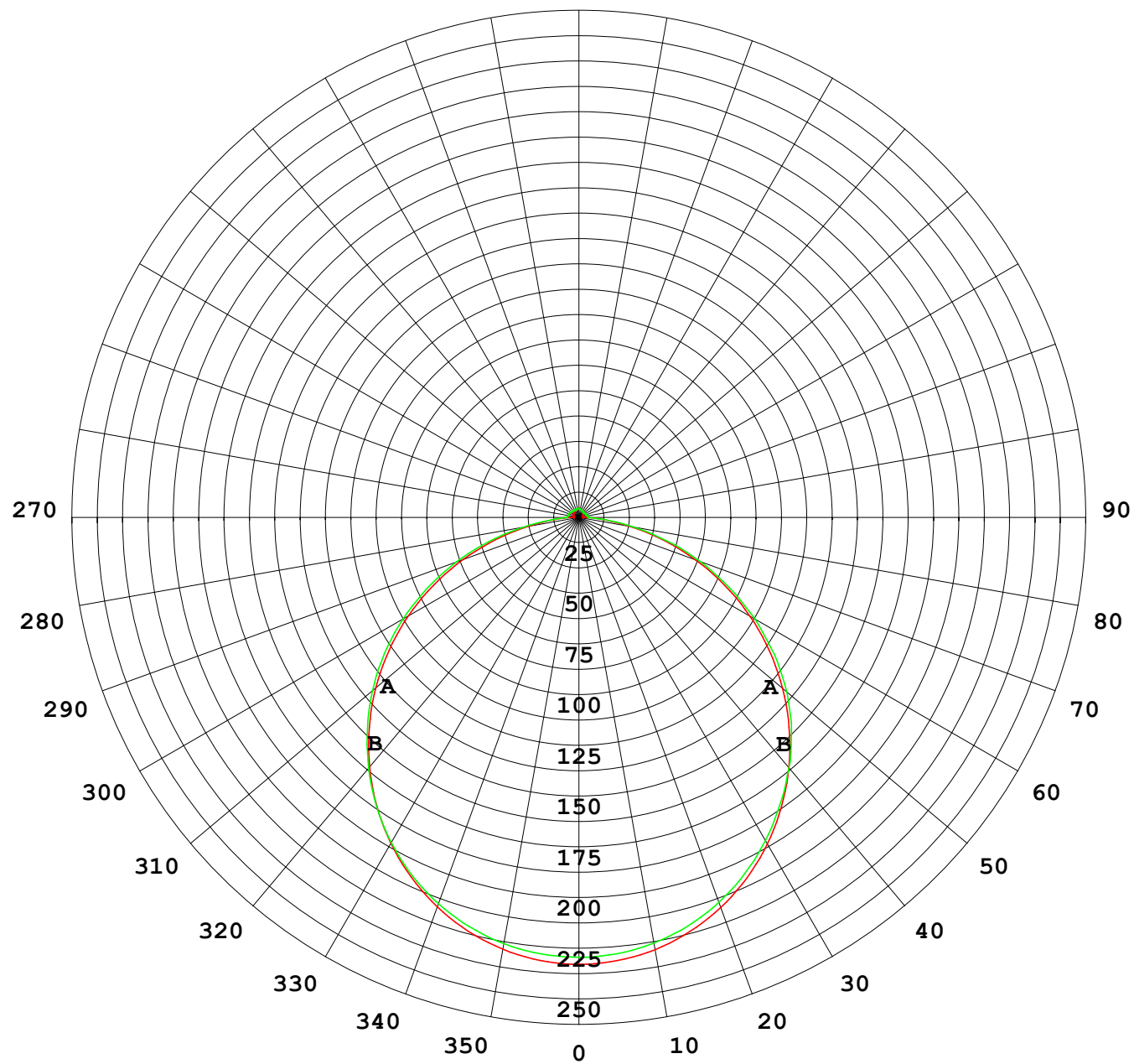
Photometric Data Table [cd]

33.0	176.9	174.9
36.0	169.6	167.7
39.0	162.1	160.0
42.0	154.4	151.8
45.0	146.2	143.4
48.0	137.6	134.5
51.0	128.6	125.2
54.0	119.1	115.6
57.0	108.8	105.6
60.0	98.74	95.34
63.0	87.81	85.10
66.0	77.08	74.45
69.0	66.35	63.54
72.0	55.18	52.89
75.0	44.12	42.10
78.0	33.31	31.64
81.0	23.02	21.85
84.0	14.03	13.24
87.0	7.313	7.012
90.0	4.177	3.551
93.0	3.508	2.268
96.0	3.447	2.111
99.0	3.412	2.116
102.0	3.372	2.121
105.0	3.337	2.161
108.0	3.292	2.206
111.0	3.252	2.271
114.0	3.221	2.322
117.0	3.194	2.387
120.0	3.189	2.457
123.0	3.190	2.538
126.0	3.191	2.623
129.0	3.191	2.719
132.0	3.212	2.829
135.0	3.247	2.935
138.0	3.302	3.050
141.0	3.367	3.171
144.0	3.448	3.277
147.0	3.539	3.412
150.0	3.659	3.518
153.0	3.760	3.648
156.0	3.875	3.769
159.0	3.981	3.870
162.0	4.081	3.985
165.0	4.162	4.081
168.0	4.252	4.151
171.0	4.332	4.242
174.0	4.408	4.302
177.0	4.458	4.367
180.0	4.508	4.408

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

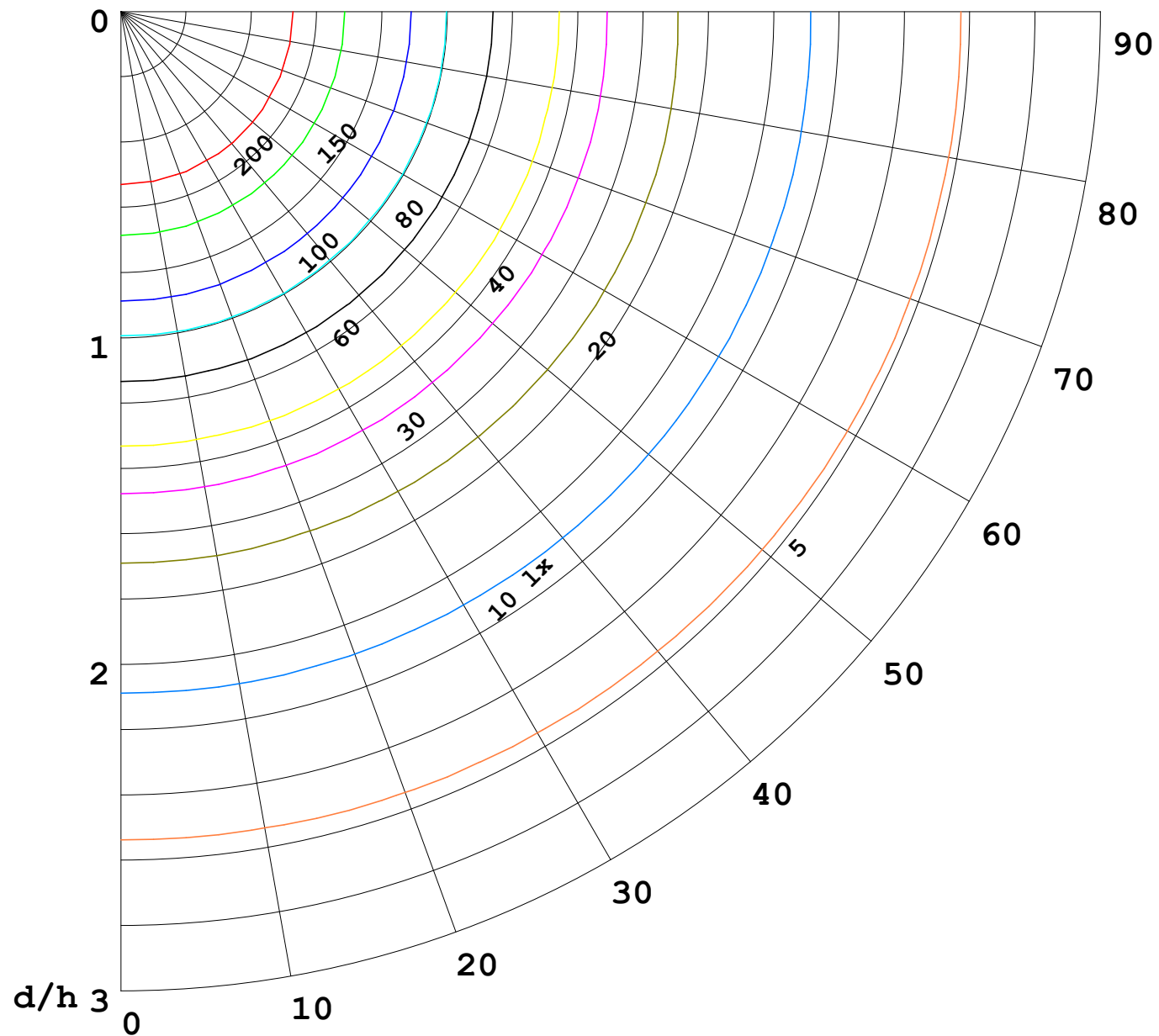
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

