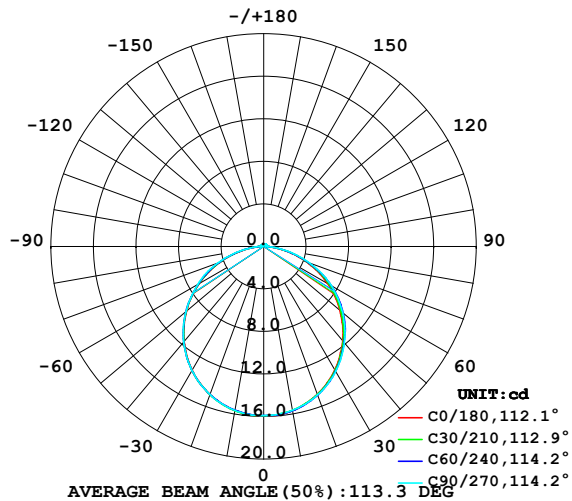


LUMINAIRE PHOTOMETRIC TEST REPORT

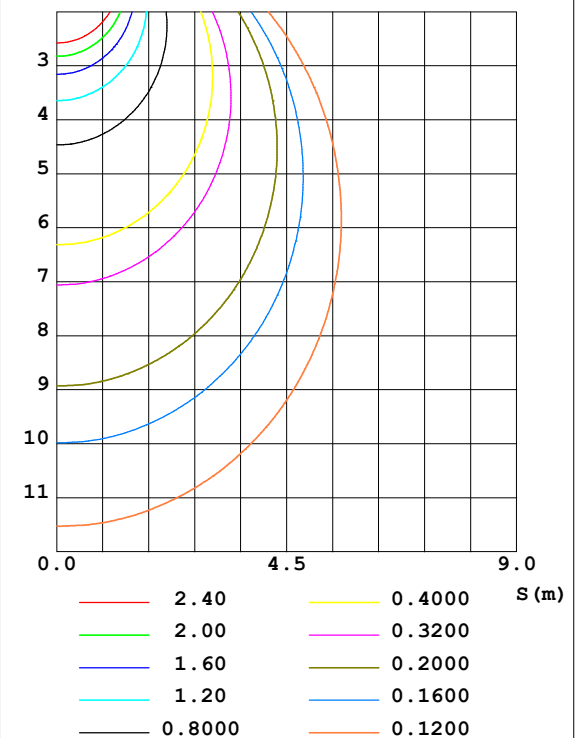
Test:U:24.00V I:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 4.87 lm/W
MODEL	2835	I _{max} (cd)	15.94	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)	47.253	η UP, DN (C0-180)	1.5, 48.7	
NOMINAL FLUX (lm)	47.2387	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 48.5	
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24.0	η down (%)	97.3	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



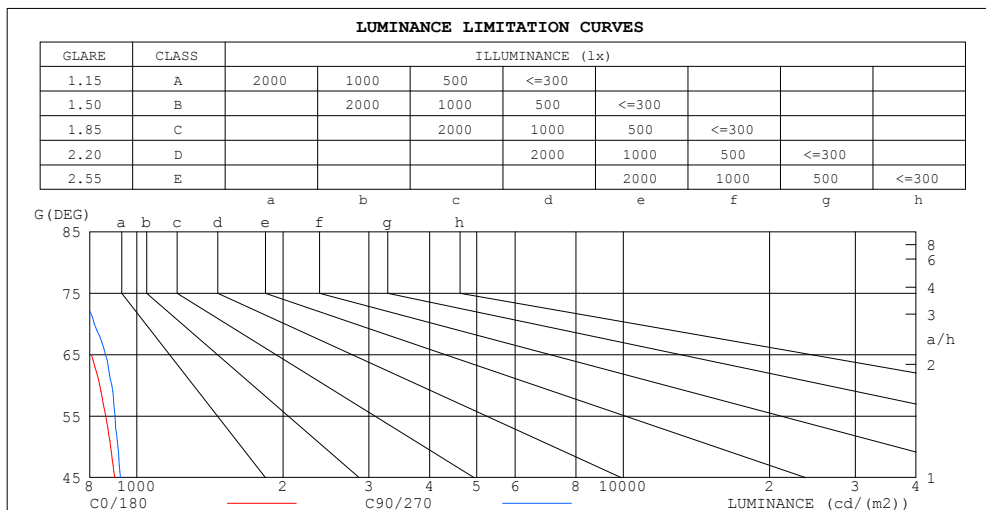
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-24

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	15.67	15.67	15.64	15.63	15.65	15.66	15.66	15.59	0- 10	1.506	1.506	3.19,3.19
20	14.78	14.83	14.85	14.82	14.81	14.82	14.82	14.73	10- 20	4.316	5.822	12.3,12.3
30	13.39	13.48	13.56	13.50	13.46	13.48	13.49	13.37	20- 30	6.543	12.36	26.2,26.2
40	11.57	11.72	11.81	11.72	11.66	11.70	11.71	11.58	30- 40	7.893	20.26	42.9,42.9
50	9.371	9.620	9.703	9.557	9.471	9.534	9.556	9.428	40- 50	8.211	28.47	60.2,60.3
60	6.918	7.199	7.330	7.106	7.028	7.083	7.173	6.990	50- 60	7.456	35.93	76,76.1
70	4.300	4.455	4.616	4.491	4.415	4.477	4.631	4.387	60- 70	5.743	41.67	88.2,88.2
80	1.756	1.835	1.913	1.867	1.832	1.884	1.977	1.809	70- 80	3.311	44.98	95.2,95.2
90	0.2420	0.2664	0.3384	0.2864	0.1954	0.2540	0.3168	0.2268	80- 90	0.9657	45.94	97.2,97.3
100	0.1337	0.2287	0.2741	0.2229	0.0804	0.1862	0.3051	0.1558	90-100	0.2293	46.17	97.7,97.7
110	0.1321	0.2287	0.2581	0.2178	0.0975	0.1862	0.2849	0.1558	100-110	0.2081	46.38	98.2,98.2
120	0.1400	0.2368	0.2485	0.2206	0.1241	0.1873	0.2815	0.1786	110-120	0.1973	46.58	98.6,98.6
130	0.1489	0.2411	0.2494	0.2251	0.1533	0.1884	0.2603	0.1808	120-130	0.1839	46.76	99,99
140	0.1923	0.2408	0.2502	0.2296	0.1861	0.1910	0.2412	0.1855	130-140	0.1624	46.93	99.3,99.3
150	0.2037	0.2391	0.2511	0.2309	0.2174	0.1960	0.2412	0.2012	140-150	0.1363	47.06	99.6,99.6
160	0.2105	0.2390	0.2512	0.2310	0.2227	0.2140	0.2412	0.2230	150-160	0.1041	47.17	99.8,99.8
170	0.2224	0.2388	0.2512	0.2311	0.2248	0.2198	0.2412	0.2252	160-170	0.0650	47.23	100,100
180	0.2262	0.2362	0.2463	0.2312	0.2262	0.2262	0.2412	0.2337	170-180	0.0221	47.25	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	529	561
80	613	668
75	701	752
70	762	818
65	806	862
60	839	888
55	863	903
50	884	915
45	900	926

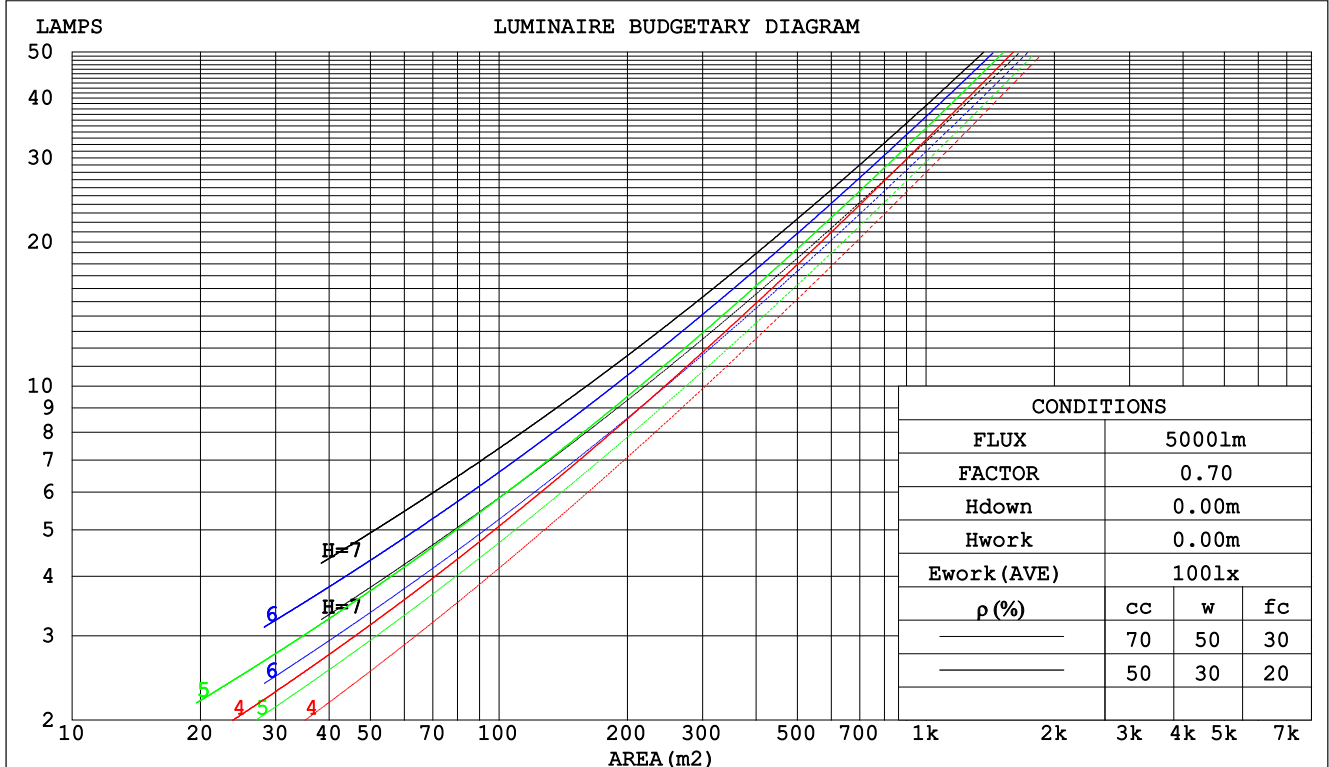
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
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	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.75	.72	.76	.73	.70	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm					
NAME: SF16-24V-2835-120-B			TYPE:硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022032401
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	.312	.178	.056	.304	.174	.055	.289	.166	.053	.276	.159	.051	.263	.153	.049		
2.0	.293	.160	.049	.286	.157	.048	.273	.152	.047	.260	.146	.046	.249	.141	.044		
3.0	.271	.144	.043	.264	.142	.043	.253	.137	.042	.242	.132	.041	.232	.128	.040		
4.0	.249	.130	.038	.244	.128	.038	.233	.124	.037	.224	.120	.036	.215	.117	.036		
5.0	.230	.117	.034	.225	.116	.034	.216	.113	.033	.207	.109	.033	.199	.107	.032		
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.186	.098	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.174	.090	.027		
8.0	.186	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024		
9.0	.174	.084	.023	.171	.083	.023	.164	.081	.023	.159	.080	.023	.153	.078	.022		
10.0	.163	.078	.022	.160	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.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	.212	.212	.212	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.202	.177	.156	.173	.152	.134	.118	.105	.093	.068	.061	.054	.022	.020	.017	
2.0	.194	.153	.119	.166	.132	.103	.114	.091	.072	.066	.053	.042	.021	.017	.014	
3.0	.186	.136	.096	.160	.117	.083	.110	.081	.058	.063	.048	.034	.020	.015	.011	
4.0	.179	.123	.080	.153	.106	.069	.105	.074	.049	.061	.043	.029	.020	.014	.010	
5.0	.171	.112	.069	.147	.097	.060	.101	.068	.042	.059	.040	.025	.019	.013	.008	
6.0	.164	.104	.061	.141	.090	.053	.097	.063	.038	.056	.037	.022	.018	.012	.007	
7.0	.157	.097	.055	.135	.084	.048	.093	.059	.034	.054	.035	.020	.018	.011	.007	
8.0	.151	.091	.051	.130	.079	.044	.090	.056	.031	.052	.033	.019	.017	.011	.006	
9.0	.145	.086	.047	.125	.075	.041	.086	.053	.029	.050	.031	.017	.016	.010	.006	
10.0	.139	.082	.044	.120	.071	.039	.083	.050	.028	.048	.030	.016	.016	.010	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm										
NAME: SF16-24V-2835-120-B					TYPE:硅胶			WEIGHT:		
DIM.: 16.5mm*16.5mm					SPEC.:			SERIAL No.:2022032401		
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	12.2	13.7	12.5	14.0	14.2	12.5	14.0	12.8	14.2	14.5
3H	13.7	15.1	14.1	15.4	15.7	14.0	15.4	14.4	15.7	16.0
4H	14.3	15.6	14.7	15.9	16.2	14.6	15.9	15.0	16.2	16.5
6H	14.7	15.9	15.1	16.3	16.6	15.0	16.3	15.4	16.6	16.9
8H	14.8	16.0	15.2	16.4	16.7	15.2	16.4	15.5	16.7	17.0
12H	14.9	16.0	15.3	16.4	16.7	15.2	16.4	15.6	16.7	17.1
4H 2H	12.9	14.2	13.2	14.5	14.8	13.1	14.4	13.4	14.7	15.0
3H	14.6	15.7	14.9	16.0	16.4	14.8	15.9	15.2	16.3	16.6
4H	15.3	16.3	15.7	16.7	17.1	15.5	16.5	15.9	16.9	17.3
6H	15.8	16.7	16.2	17.1	17.5	16.0	17.0	16.5	17.4	17.8
8H	15.9	16.8	16.4	17.2	17.7	16.2	17.1	16.7	17.5	17.9
12H	16.0	16.8	16.5	17.3	17.7	16.3	17.1	16.8	17.6	18.0
8H 4H	15.5	16.4	16.0	16.8	17.3	15.7	16.6	16.2	17.0	17.5
6H	16.2	16.9	16.7	17.4	17.8	16.4	17.1	16.9	17.6	18.1
8H	16.4	17.1	16.9	17.5	18.1	16.7	17.3	17.2	17.8	18.3
12H	16.6	17.2	17.1	17.6	18.2	16.9	17.4	17.4	17.9	18.4
12H 4H	15.5	16.3	16.0	16.8	17.2	15.7	16.5	16.2	17.0	17.4
6H	16.2	16.9	16.7	17.3	17.9	16.5	17.1	17.0	17.6	18.1
8H	16.5	17.1	17.0	17.6	18.1	16.8	17.3	17.3	17.8	18.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 47.24 lm Total Lamp Luminous Flux. (8log(F/F0) = -10.6)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

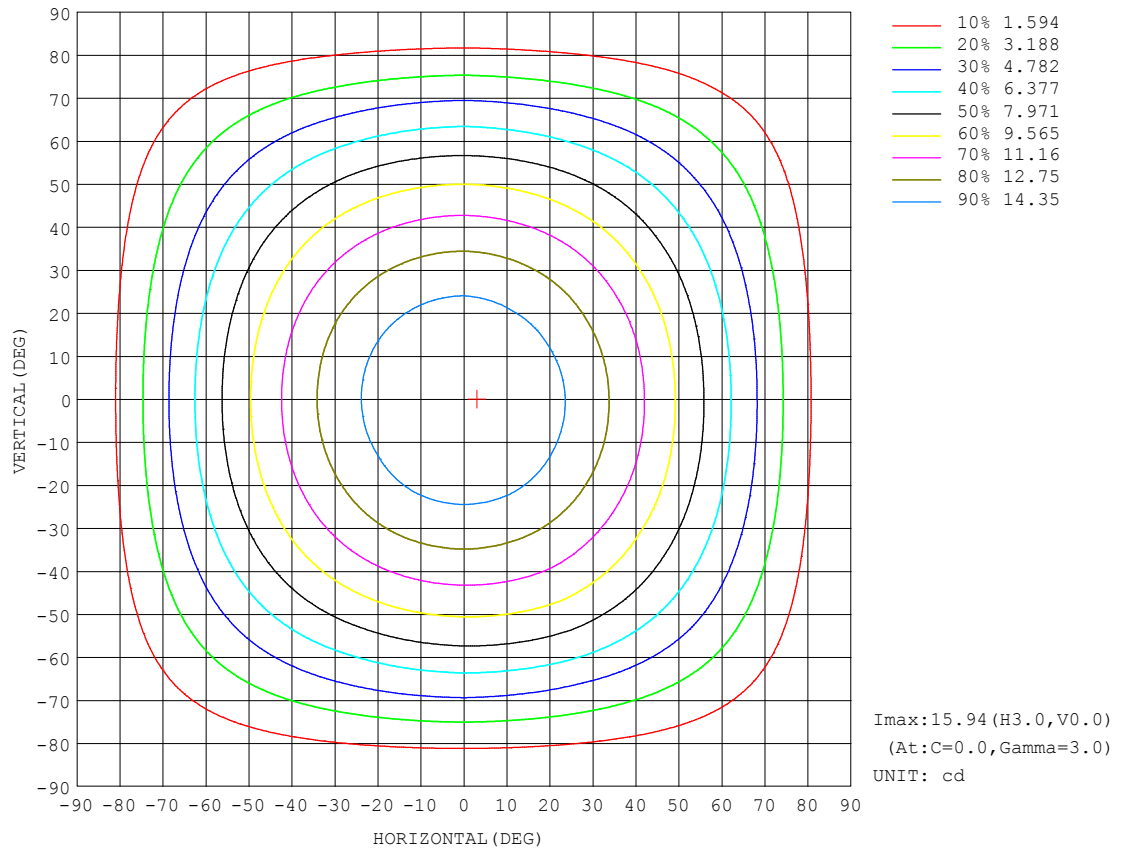
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	39
1.00	75	64	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	67
2.50	98	90	84	96	88	83	91	85	80	72
3.00	101	94	89	99	92	87	94	89	85	76
4.00	105	99	95	103	97	93	98	94	90	80
5.00	108	103	99	105	101	97	100	97	93	83
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:2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

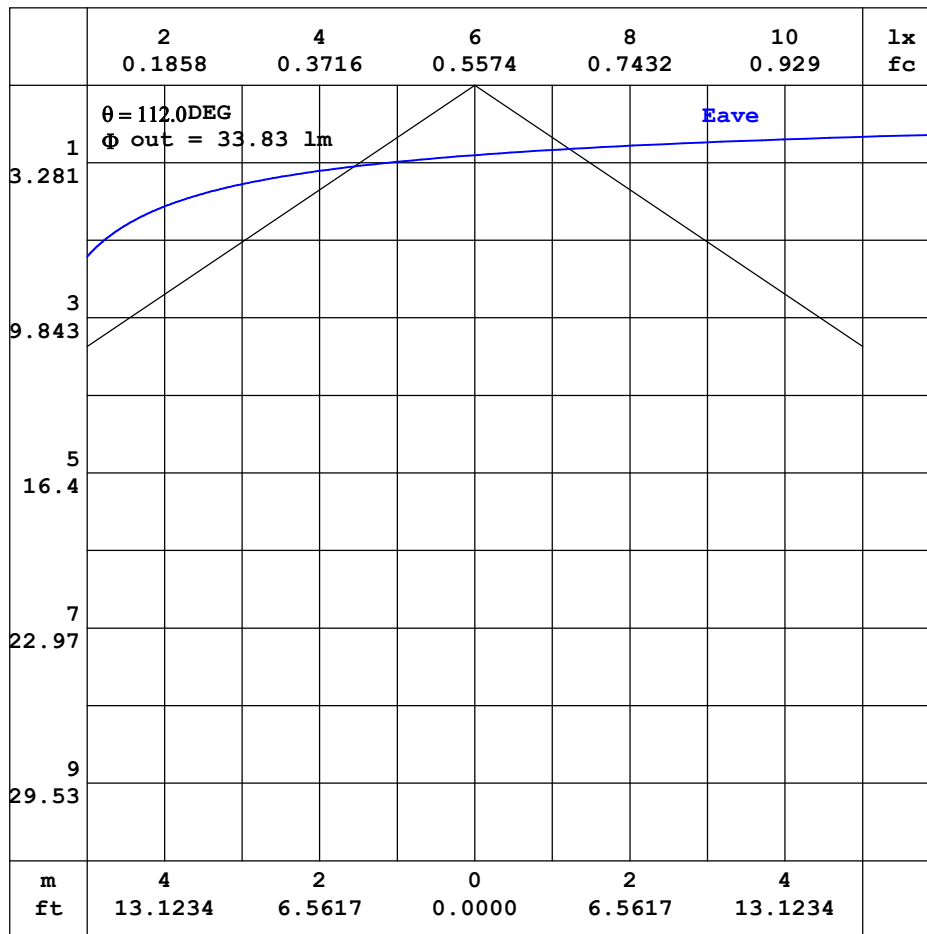


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



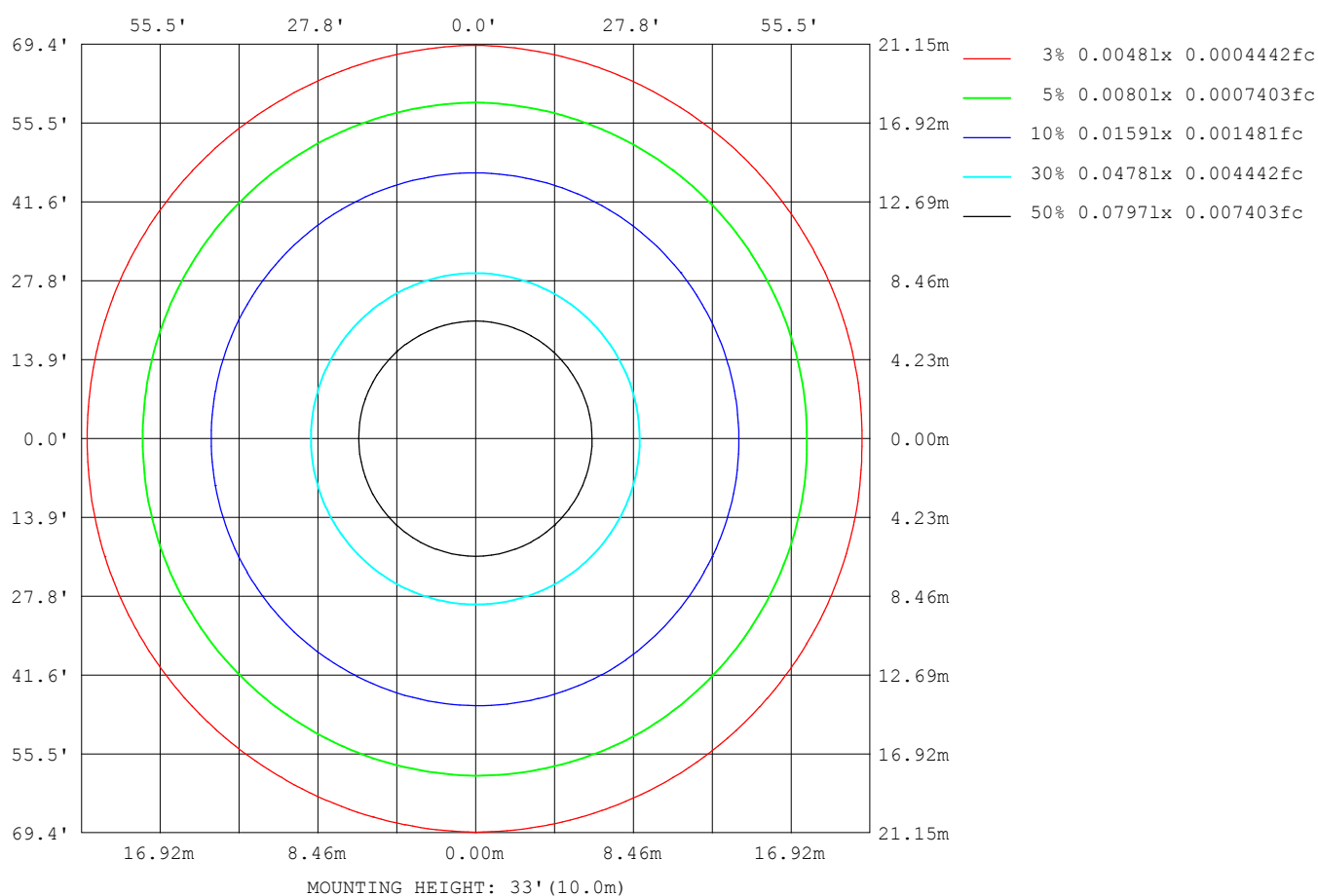
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-24

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

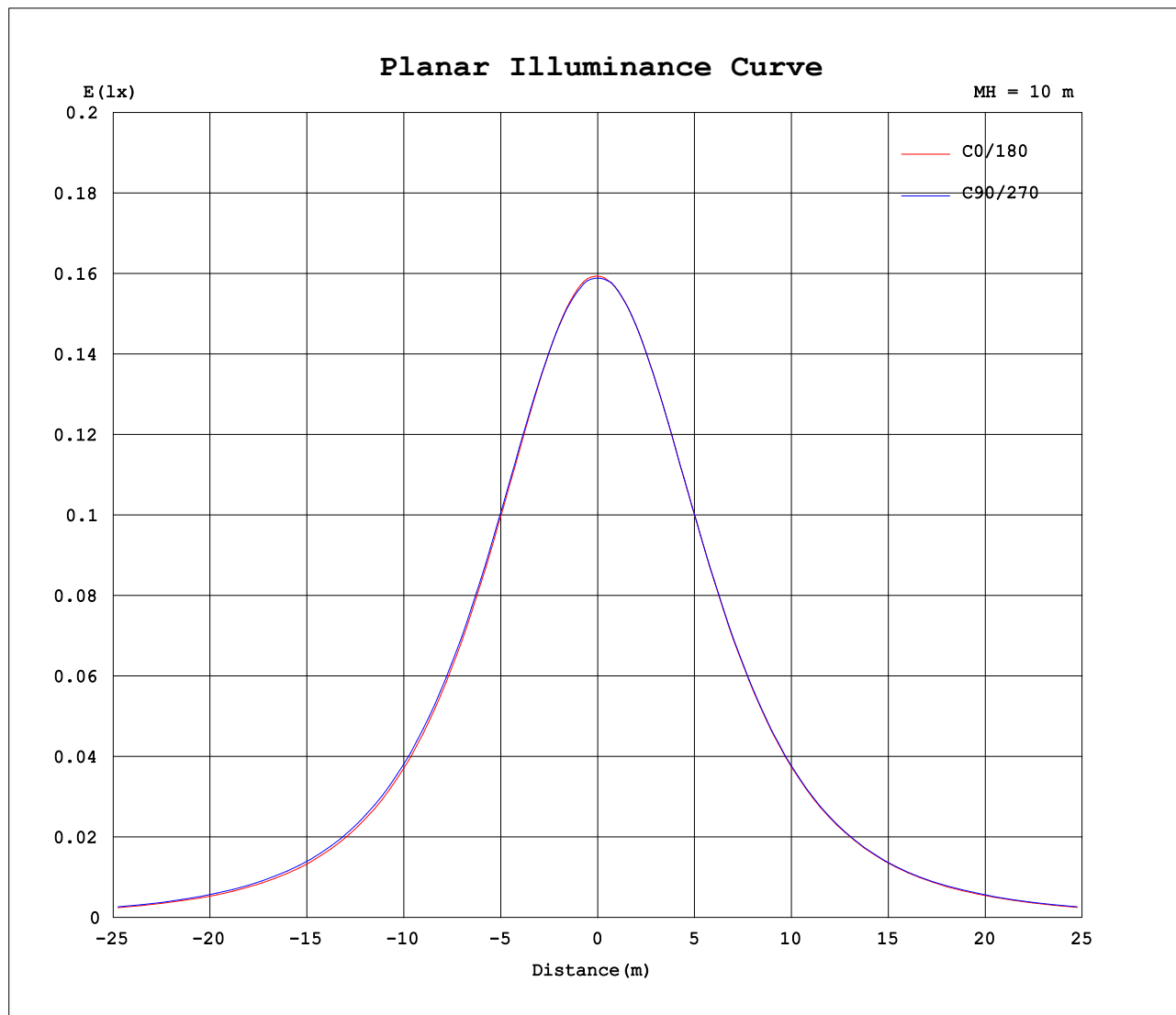
Test:U:24.00V I:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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: 2022-03-24

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:0.4039A P:9.693W PF:1.000 Lamp Flux:47.2387x1 lm		
NAME: SF16-24V-2835-120-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
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	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9						
5	15.9	15.9	15.9	15.8	15.9	15.8	15.9	15.9	15.8	15.9	15.8	15.8						
10	15.7	15.6	15.7	15.6	15.7	15.6	15.7	15.7	15.6	15.7	15.6	15.6						
15	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2	15.2						
20	14.8	14.8	14.9	14.9	14.9	14.8	14.8	14.8	14.8	14.8	14.7	14.7						
25	14.2	14.2	14.3	14.3	14.3	14.2	14.2	14.2	14.2	14.2	14.1	14.1						
30	13.4	13.4	13.5	13.6	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.3						
35	12.5	12.6	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.5						
40	11.6	11.7	11.8	11.8	11.8	11.7	11.7	11.7	11.7	11.7	11.6	11.5						
45	10.5	10.6	10.8	10.8	10.7	10.6	10.6	10.6	10.7	10.7	10.6	10.5						
50	9.37	9.48	9.76	9.70	9.60	9.51	9.47	9.52	9.55	9.56	9.48	9.38						
55	8.17	8.32	8.60	8.54	8.40	8.33	8.28	8.32	8.37	8.37	8.31	8.17						
60	6.92	7.08	7.32	7.33	7.13	7.08	7.03	7.05	7.11	7.17	7.05	6.93						
65	5.62	5.78	5.93	6.01	5.86	5.79	5.74	5.79	5.83	5.98	5.78	5.65						
70	4.30	4.44	4.48	4.62	4.52	4.46	4.41	4.45	4.50	4.63	4.45	4.32						
75	2.99	3.08	3.13	3.21	3.16	3.15	3.10	3.14	3.17	3.26	3.12	3.01						
80	1.76	1.82	1.85	1.91	1.87	1.87	1.83	1.87	1.90	1.98	1.86	1.76						
85	0.76	0.77	0.79	0.81	0.81	0.81	0.78	0.83	0.81	0.87	0.77	0.74						
90	0.24	0.23	0.30	0.34	0.30	0.27	0.20	0.28	0.23	0.32	0.25	0.20						
95	0.14	0.20	0.26	0.31	0.25	0.20	0.08	0.16	0.22	0.31	0.22	0.10						
100	0.13	0.20	0.26	0.27	0.25	0.20	0.08	0.15	0.22	0.31	0.22	0.09						
105	0.13	0.20	0.26	0.26	0.24	0.19	0.09	0.15	0.22	0.30	0.22	0.09						
110	0.13	0.20	0.26	0.26	0.24	0.19	0.10	0.15	0.22	0.28	0.22	0.09						
115	0.13	0.21	0.26	0.25	0.24	0.20	0.11	0.15	0.22	0.28	0.22	0.10						
120	0.14	0.21	0.26	0.25	0.24	0.20	0.12	0.15	0.22	0.28	0.22	0.14						
125	0.14	0.22	0.26	0.25	0.24	0.21	0.14	0.15	0.22	0.27	0.22	0.14						
130	0.15	0.22	0.26	0.25	0.23	0.22	0.15	0.16	0.22	0.26	0.22	0.14						
135	0.16	0.23	0.26	0.25	0.23	0.23	0.17	0.16	0.23	0.25	0.22	0.14						
140	0.19	0.23	0.25	0.25	0.23	0.23	0.19	0.16	0.23	0.24	0.23	0.14						
145	0.20	0.23	0.25	0.25	0.23	0.23	0.21	0.16	0.23	0.24	0.23	0.15						
150	0.20	0.23	0.25	0.25	0.23	0.23	0.22	0.17	0.23	0.24	0.24	0.17						
155	0.21	0.23	0.25	0.25	0.23	0.23	0.22	0.19	0.23	0.24	0.24	0.19						
160	0.21	0.23	0.25	0.25	0.23	0.23	0.22	0.20	0.23	0.24	0.24	0.21						
165	0.22	0.23	0.25	0.25	0.23	0.23	0.22	0.21	0.23	0.24	0.24	0.21						
170	0.22	0.23	0.25	0.25	0.23	0.23	0.22	0.21	0.23	0.24	0.24	0.21						
175	0.23	0.23	0.25	0.25	0.23	0.23	0.23	0.22	0.23	0.24	0.24	0.22						
180	0.23	0.23	0.25	0.25	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.23						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-24

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	15.94	15.92	15.90	15.89	15.88	15.86	15.94	15.92	15.90	15.89
3.0	15.94	15.91	15.91	15.89	15.88	15.84	15.91	15.92	15.88	15.89
6.0	15.87	15.82	15.87	15.81	15.84	15.78	15.83	15.87	15.80	15.84
9.0	15.73	15.70	15.75	15.70	15.72	15.64	15.71	15.75	15.68	15.72
12.0	15.54	15.51	15.57	15.53	15.55	15.47	15.53	15.56	15.51	15.54
15.0	15.29	15.29	15.35	15.32	15.33	15.26	15.30	15.32	15.29	15.30
18.0	15.01	15.02	15.08	15.07	15.06	14.99	15.03	15.03	15.01	15.03
21.0	14.67	14.69	14.76	14.75	14.74	14.67	14.70	14.72	14.69	14.71
24.0	14.29	14.33	14.40	14.41	14.40	14.32	14.33	14.34	14.35	14.35
27.0	13.87	13.91	13.99	14.01	13.98	13.90	13.91	13.93	13.93	13.94
30.0	13.39	13.44	13.53	13.56	13.54	13.46	13.46	13.48	13.48	13.49
33.0	12.88	12.95	13.04	13.08	13.05	12.97	12.95	12.98	12.98	13.00
36.0	12.33	12.41	12.51	12.55	12.52	12.43	12.41	12.45	12.46	12.47
39.0	11.77	11.82	11.96	12.00	11.94	11.86	11.84	11.88	11.89	11.90
42.0	11.15	11.25	11.42	11.43	11.37	11.28	11.25	11.27	11.30	11.30
45.0	10.51	10.61	10.85	10.80	10.72	10.64	10.60	10.64	10.67	10.68
48.0	9.833	9.924	10.20	10.15	10.04	9.979	9.933	9.973	10.00	10.02
51.0	9.140	9.255	9.532	9.476	9.366	9.285	9.240	9.285	9.330	9.320
54.0	8.416	8.552	8.843	8.768	8.632	8.572	8.526	8.571	8.612	8.616
57.0	7.672	7.818	8.099	8.059	7.898	7.838	7.787	7.827	7.873	7.877
60.0	6.918	7.079	7.320	7.330	7.134	7.079	7.028	7.053	7.113	7.173
63.0	6.145	6.330	6.517	6.551	6.371	6.330	6.264	6.305	6.354	6.480
66.0	5.360	5.511	5.637	5.742	5.597	5.531	5.475	5.516	5.576	5.732
69.0	4.566	4.717	4.738	4.893	4.782	4.742	4.681	4.711	4.771	4.912
72.0	3.778	3.903	3.938	4.088	3.969	3.943	3.887	3.933	3.967	4.094
75.0	2.993	3.084	3.134	3.209	3.159	3.149	3.098	3.138	3.169	3.264
78.0	2.229	2.310	2.350	2.425	2.365	2.365	2.324	2.354	2.395	2.510
81.0	1.535	1.576	1.611	1.646	1.631	1.621	1.596	1.635	1.666	1.751
84.0	0.9271	0.9581	0.9725	1.008	0.9825	0.9884	0.9577	1.007	1.003	1.072
87.0	0.4990	0.5017	0.5040	0.4715	0.5041	0.5219	0.4913	0.5339	0.4863	0.5441
90.0	0.2420	0.2309	0.3020	0.3384	0.3020	0.2709	0.1954	0.2770	0.2311	0.3168
93.0	0.1360	0.1960	0.2664	0.3191	0.2624	0.2043	0.0804	0.1710	0.2211	0.3133
96.0	0.1350	0.1960	0.2613	0.2999	0.2503	0.2018	0.0804	0.1588	0.2211	0.3098
99.0	0.1340	0.1960	0.2613	0.2806	0.2481	0.1993	0.0804	0.1530	0.2211	0.3063
102.0	0.1330	0.1960	0.2613	0.2666	0.2458	0.1968	0.0804	0.1496	0.2211	0.3028
105.0	0.1321	0.1960	0.2613	0.2634	0.2435	0.1943	0.0855	0.1502	0.2211	0.2996
108.0	0.1311	0.1961	0.2613	0.2602	0.2421	0.1932	0.0955	0.1509	0.2211	0.2918
111.0	0.1326	0.1961	0.2613	0.2570	0.2410	0.1949	0.0995	0.1516	0.2211	0.2846
114.0	0.1341	0.2046	0.2613	0.2538	0.2400	0.1975	0.1056	0.1522	0.2211	0.2835
117.0	0.1371	0.2132	0.2613	0.2506	0.2390	0.2002	0.1140	0.1529	0.2211	0.2825
120.0	0.1400	0.2122	0.2613	0.2485	0.2379	0.2032	0.1241	0.1535	0.2211	0.2815
123.0	0.1424	0.2155	0.2613	0.2488	0.2369	0.2061	0.1335	0.1542	0.2211	0.2714
126.0	0.1450	0.2189	0.2613	0.2490	0.2357	0.2127	0.1427	0.1549	0.2211	0.2644
129.0	0.1479	0.2211	0.2613	0.2493	0.2344	0.2153	0.1508	0.1555	0.2211	0.2614
132.0	0.1508	0.2233	0.2583	0.2495	0.2332	0.2201	0.1583	0.1558	0.2211	0.2583
135.0	0.1608	0.2255	0.2553	0.2498	0.2320	0.2262	0.1658	0.1558	0.2262	0.2519
138.0	0.1809	0.2312	0.2523	0.2501	0.2312	0.2273	0.1760	0.1558	0.2262	0.2455
141.0	0.1938	0.2312	0.2493	0.2503	0.2312	0.2283	0.1959	0.1558	0.2262	0.2412
144.0	0.1981	0.2312	0.2473	0.2506	0.2312	0.2294	0.2051	0.1558	0.2262	0.2412
147.0	0.2017	0.2312	0.2472	0.2509	0.2312	0.2305	0.2118	0.1658	0.2262	0.2412
150.0	0.2037	0.2312	0.2471	0.2511	0.2312	0.2305	0.2174	0.1659	0.2262	0.2412
153.0	0.2057	0.2312	0.2470	0.2511	0.2312	0.2306	0.2213	0.1859	0.2262	0.2412
156.0	0.2078	0.2312	0.2469	0.2512	0.2312	0.2307	0.2219	0.1928	0.2262	0.2412
159.0	0.2098	0.2312	0.2468	0.2512	0.2312	0.2308	0.2225	0.1996	0.2262	0.2412
162.0	0.2127	0.2312	0.2467	0.2512	0.2312	0.2308	0.2231	0.2065	0.2262	0.2412
165.0	0.2163	0.2312	0.2466	0.2512	0.2312	0.2309	0.2237	0.2091	0.2262	0.2412
168.0	0.2200	0.2312	0.2465	0.2512	0.2312	0.2310	0.2243	0.2117	0.2262	0.2412
171.0	0.2237	0.2312	0.2464	0.2512	0.2312	0.2310	0.2250	0.2144	0.2262	0.2412
174.0	0.2249	0.2312	0.2464	0.2513	0.2312	0.2311	0.2256	0.2211	0.2262	0.2412
177.0	0.2262	0.2312	0.2463	0.2513	0.2312	0.2312	0.2262	0.2211	0.2262	0.2412
180.0	0.2262	0.2262	0.2463	0.2463	0.2312	0.2312	0.2262	0.2262	0.2262	0.2412
G/C	300.0	330.0								
0.0	15.88	15.86								
3.0	15.84	15.86								
6.0	15.76	15.79								
9.0	15.62	15.65								
12.0	15.46	15.46								
15.0	15.22	15.22								
18.0	14.95	14.94								
21.0	14.63	14.59								
24.0	14.27	14.23								
27.0	13.85	13.80								
30.0	13.40	13.33								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-24

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:

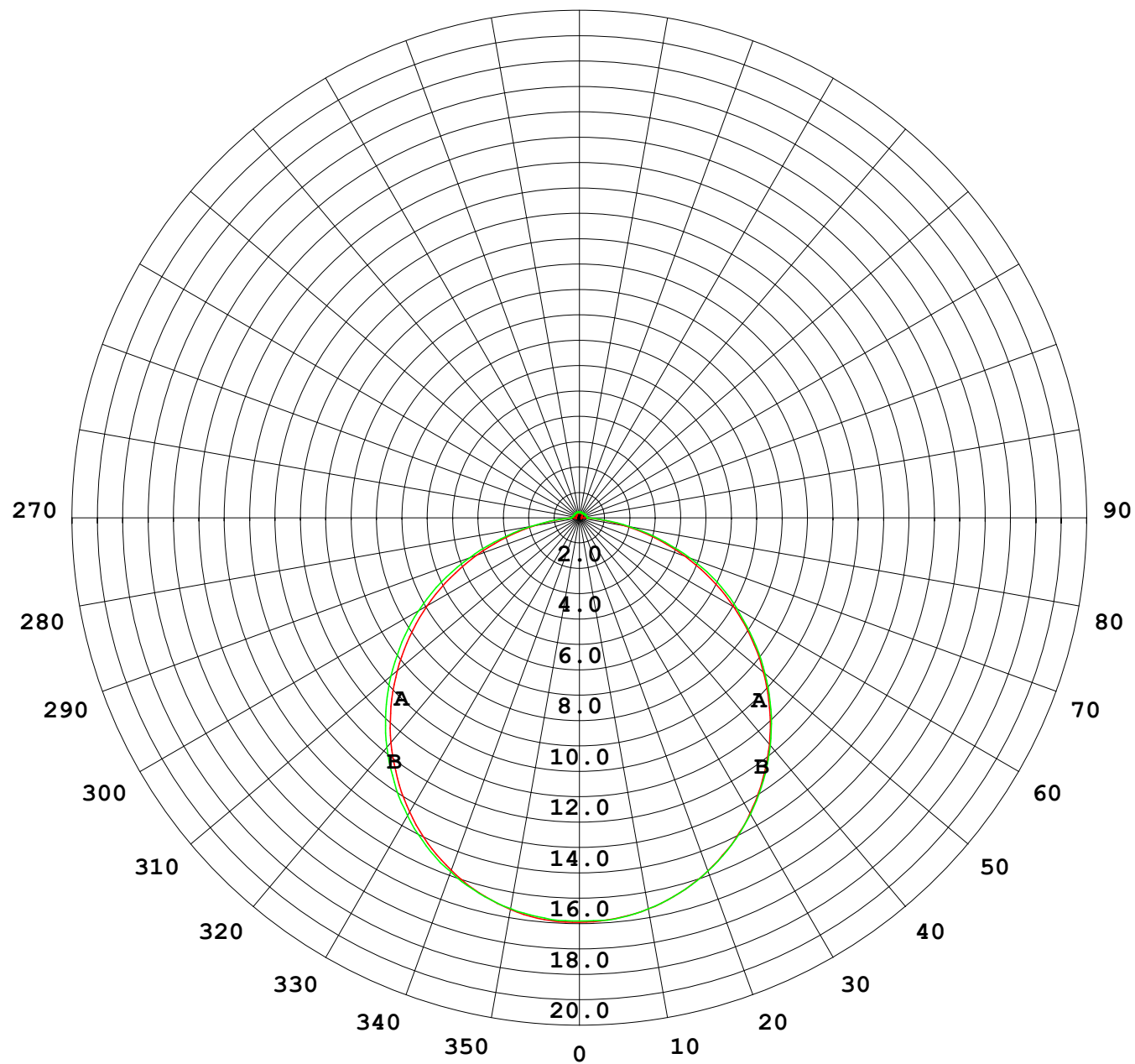
Photometric Data Table [cd]

33.0	12.91	12.84
36.0	12.38	12.29
39.0	11.82	11.74
42.0	11.23	11.13
45.0	10.58	10.50
48.0	9.928	9.807
51.0	9.254	9.129
54.0	8.531	8.430
57.0	7.802	7.651
60.0	7.048	6.932
63.0	6.299	6.149
66.0	5.500	5.365
69.0	4.721	4.605
72.0	3.912	3.777
75.0	3.118	3.013
78.0	2.344	2.269
81.0	1.631	1.540
84.0	0.9676	0.9066
87.0	0.4512	0.4685
90.0	0.2519	0.2017
93.0	0.2251	0.1107
96.0	0.2211	0.0905
99.0	0.2211	0.0905
102.0	0.2211	0.0905
105.0	0.2211	0.0905
108.0	0.2211	0.0905
111.0	0.2211	0.0905
114.0	0.2211	0.0905
117.0	0.2211	0.1154
120.0	0.2211	0.1360
123.0	0.2211	0.1374
126.0	0.2211	0.1387
129.0	0.2211	0.1400
132.0	0.2211	0.1414
135.0	0.2211	0.1427
138.0	0.2211	0.1440
141.0	0.2263	0.1453
144.0	0.2300	0.1498
147.0	0.2337	0.1543
150.0	0.2365	0.1658
153.0	0.2394	0.1749
156.0	0.2396	0.1960
159.0	0.2398	0.2060
162.0	0.2401	0.2061
165.0	0.2403	0.2061
168.0	0.2405	0.2082
171.0	0.2408	0.2107
174.0	0.2410	0.2140
177.0	0.2412	0.2211
180.0	0.2412	0.2262

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-24

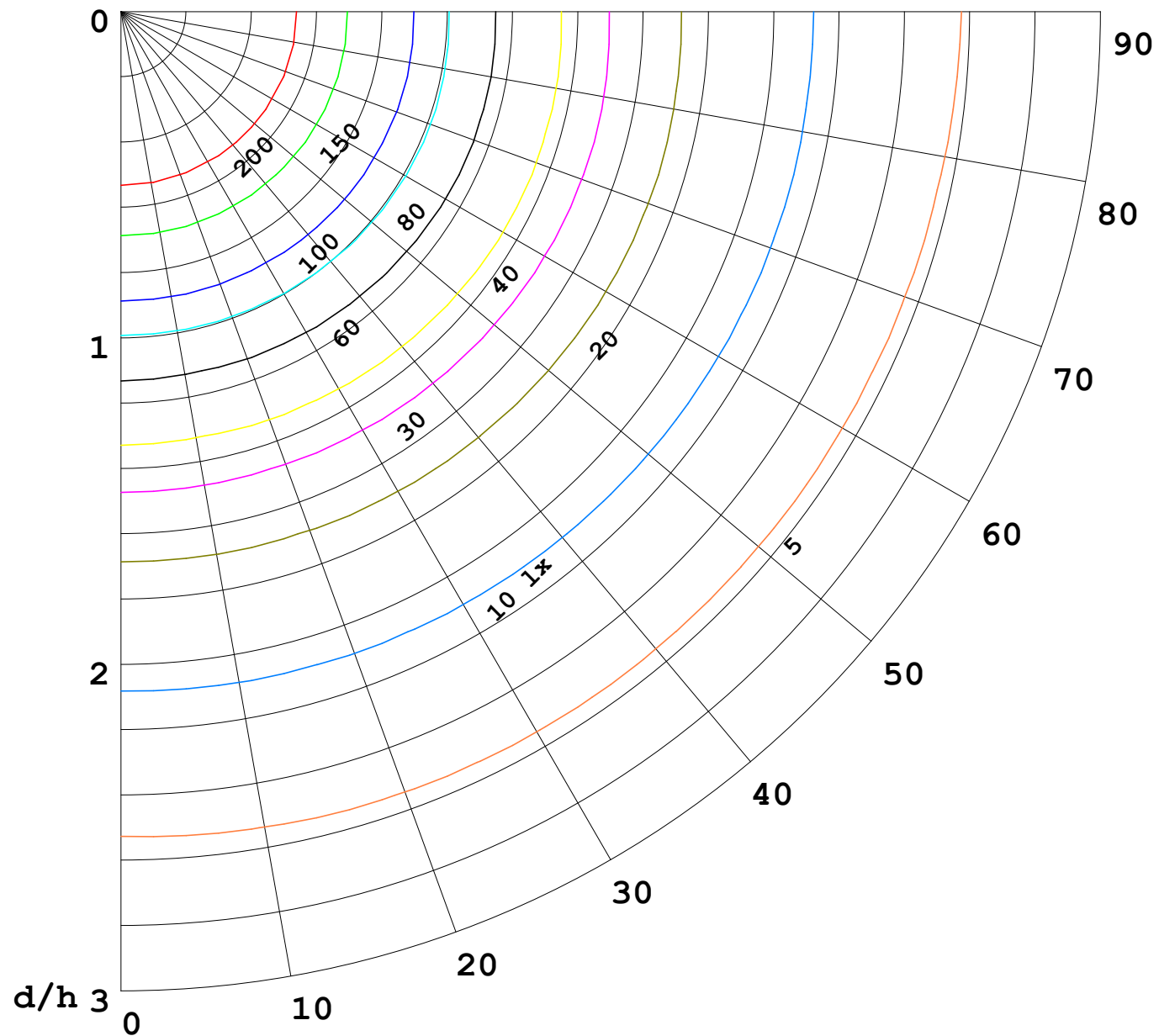
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

