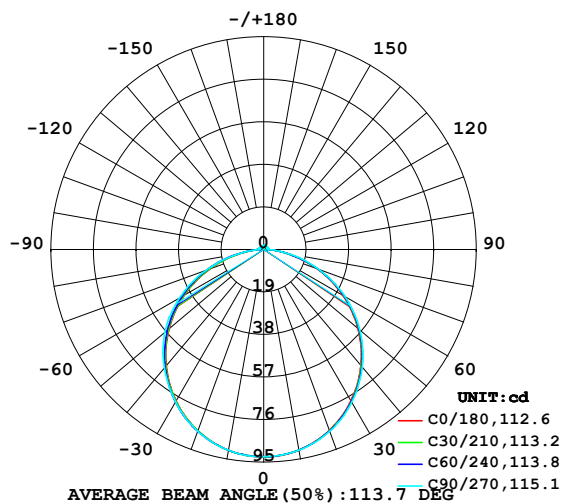


LUMINAIRE PHOTOMETRIC TEST REPORT

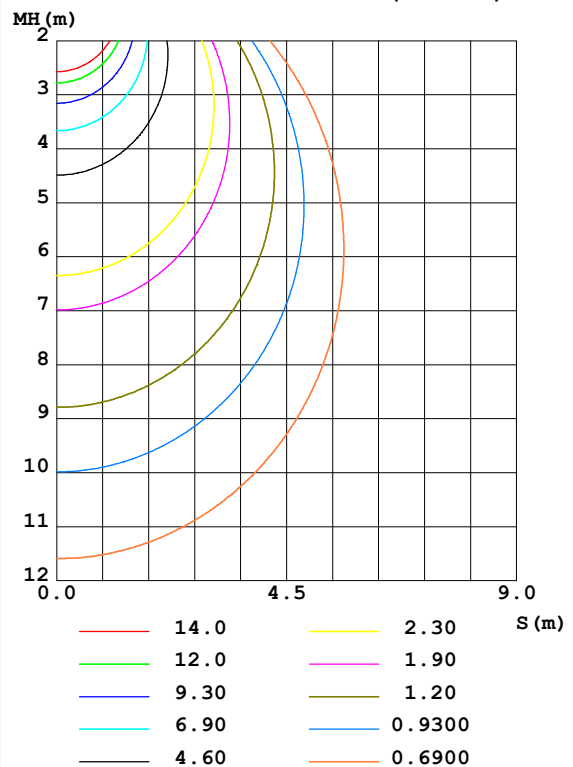
Test:U:24.00V I:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 34.57 lm/W			
MODEL	2835	I _{max} (cd)	92.65	S/MH (C0/180)	1.26
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	278.30	η UP, DN (C0-180)	1.7, 48.1
NOMINAL FLUX (lm)	278.288	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.7, 48.5
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.6	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

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	90.96	90.96	91.01	90.93	91.02	91.04	91.07	90.96	0- 10	8.762	8.762	3.15,3.15
20	85.93	86.16	86.39	86.17	86.11	86.25	86.38	86.12	10- 20	25.11	33.87	12.2,12.2
30	78.02	78.45	78.83	78.47	78.25	78.57	78.65	78.38	20- 30	38.10	71.97	25.9,25.9
40	67.58	68.10	68.52	68.19	67.75	68.28	69.05	68.15	30- 40	46.04	118.0	42.4,42.4
50	54.99	55.58	56.06	55.71	55.18	55.84	57.68	56.20	40- 50	48.03	166.0	59.7,59.7
60	40.74	41.33	41.81	41.45	40.96	41.74	43.56	42.16	50- 60	43.77	209.8	75.4,75.4
70	25.42	25.87	26.27	25.97	25.68	26.68	27.60	26.53	60- 70	33.69	243.5	87.5,87.5
80	10.43	10.60	11.14	10.63	10.58	11.32	11.53	11.18	70- 80	19.47	263.0	94.5,94.5
90	1.612	1.661	1.970	1.754	1.540	2.076	2.393	1.978	80- 90	5.854	268.8	96.6,96.6
100	1.007	1.351	1.839	1.376	0.7624	1.583	2.237	1.407	90-100	1.664	270.5	97.2,97.2
110	1.111	1.412	1.664	1.404	0.8043	1.549	2.116	1.336	100-110	1.511	272.0	97.7,97.7
120	1.251	1.490	1.690	1.470	0.9600	1.486	1.935	1.294	110-120	1.423	273.4	98.2,98.3
130	1.402	1.550	1.709	1.544	1.141	1.421	1.734	1.322	120-130	1.306	274.7	98.7,98.7
140	1.508	1.616	1.736	1.608	1.322	1.441	1.608	1.391	130-140	1.158	275.9	99.1,99.1
150	1.608	1.681	1.764	1.691	1.508	1.535	1.604	1.503	140-150	0.9809	276.9	99.5,99.5
160	1.734	1.754	1.814	1.777	1.659	1.648	1.643	1.636	150-160	0.7652	277.6	99.8,99.8
170	1.801	1.825	1.834	1.818	1.799	1.774	1.754	1.764	160-170	0.4961	278.1	99.9,99.9
180	1.819	1.827	1.839	1.829	1.819	1.829	1.834	1.829	170-180	0.1729	278.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 142.17 lm

%lum = 51.1%

%lamp = 51.1%

Conical surface Flux(120deg): 209.81 lm

%lum = 75.4%

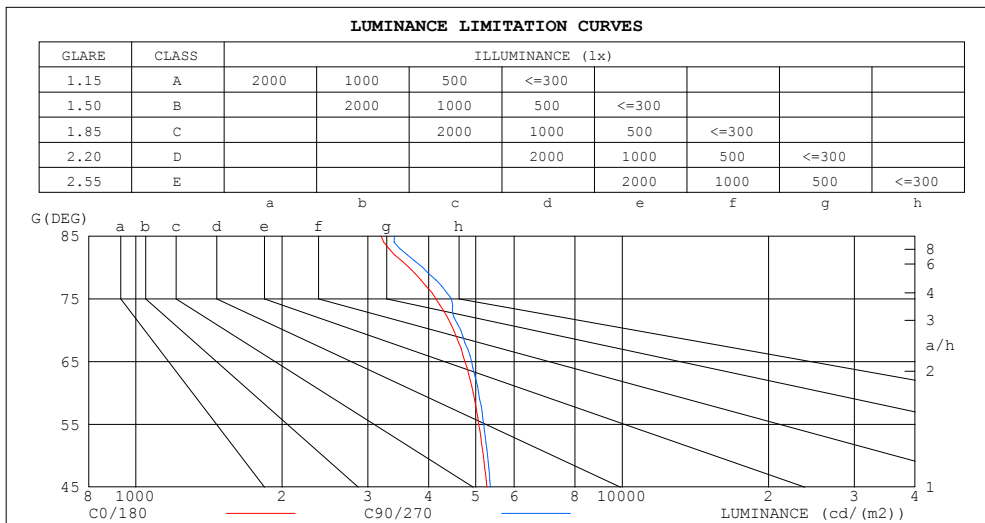
%lamp = 75.4%

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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3192	3405
80	3641	3888
75	4137	4457
70	4505	4655
65	4750	4904
60	4939	5068
55	5072	5191
50	5185	5286
45	5273	5361

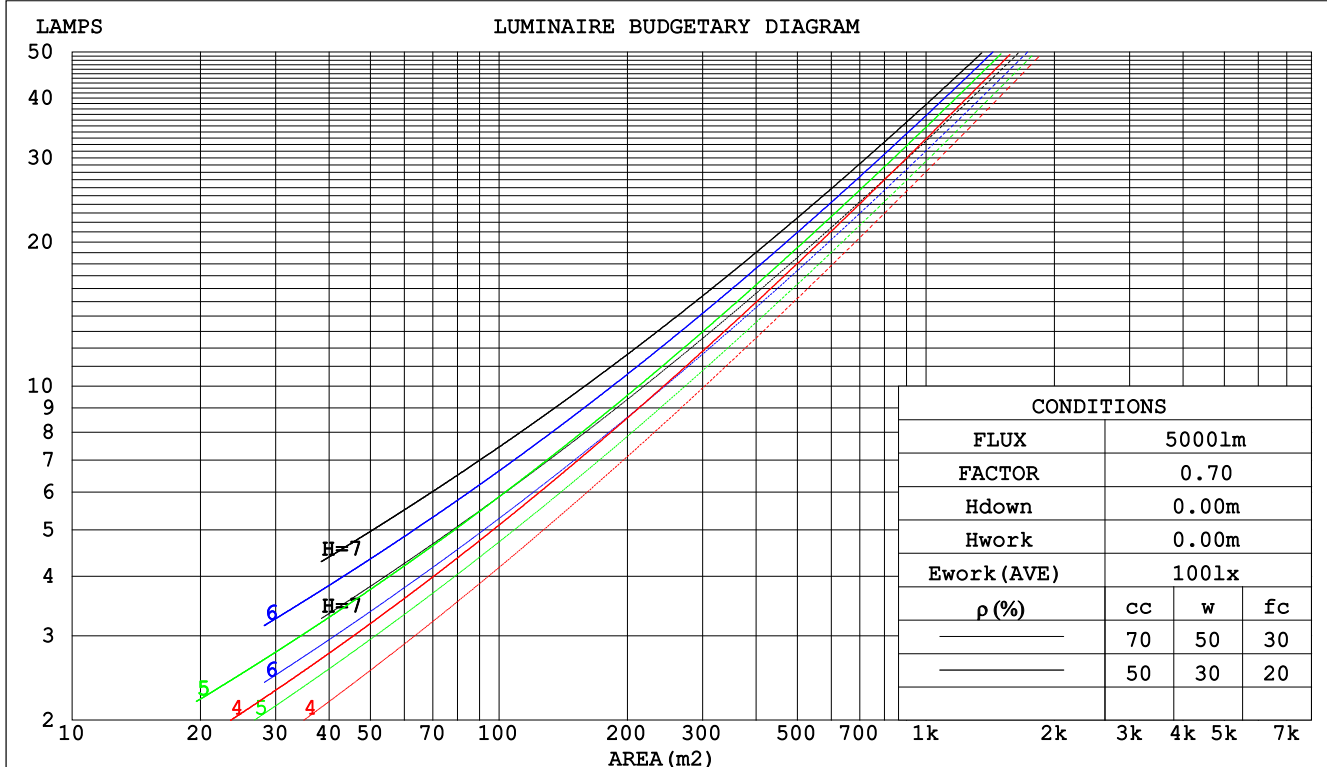
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.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:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding 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	.313	.178	.056	.305	.174	.055	.290	.166	.053	.276	.159	.051	.263	.152	.049		
2.0	.293	.161	.049	.286	.158	.049	.272	.151	.047	.260	.146	.046	.248	.141	.044		
3.0	.271	.144	.043	.264	.142	.043	.252	.137	.042	.241	.132	.041	.231	.128	.040		
4.0	.249	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.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	.180	.092	.027	.173	.090	.026		
8.0	.185	.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	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.207	.182	.160	.177	.156	.138	.121	.108	.095	.070	.062	.055	.022	.020	.018	
2.0	.199	.158	.124	.170	.136	.107	.117	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.141	.101	.164	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.085	.157	.110	.074	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.117	.074	.151	.101	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.066	.145	.094	.057	.100	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.140	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.156	.096	.056	.134	.084	.048	.093	.059	.034	.054	.035	.020	.017	.011	.007	
9.0	.150	.091	.052	.129	.079	.046	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.049	.124	.076	.043	.086	.053	.031	.050	.032	.018	.016	.010	.006	

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

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

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm												
NAME: SF16-24V-2835-120-3000+5700-80-5700					TYPE:硅胶			WEIGHT:				
SPEC.:					DIM.: 16.5mm*16.5mm			SERIAL No.:2022032801				
MFR.: OLYMPIA					SUR.:1*0.0165			Shielding 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	2H	22.8	24.3	23.1	24.5	24.8	22.9	24.3	23.2	24.6	24.9	
	3H	24.3	25.6	24.6	25.9	26.3	24.4	25.8	24.7	26.0	26.4	
	4H	24.9	26.2	25.2	26.5	26.8	25.0	26.3	25.4	26.6	27.0	
	6H	25.3	26.5	25.7	26.8	27.2	25.5	26.7	25.8	27.0	27.4	
	8H	25.4	26.6	25.8	26.9	27.3	25.6	26.8	26.0	27.1	27.5	
	12H	25.5	26.6	25.9	27.0	27.3	25.7	26.8	26.1	27.1	27.5	
	4H	2H	23.4	24.7	23.7	25.0	25.3	23.4	24.7	23.8	25.1	25.4
		3H	25.1	26.2	25.5	26.6	26.9	25.2	26.3	25.6	26.6	27.0
		4H	25.8	26.8	26.2	27.2	27.6	25.9	26.9	26.3	27.3	27.7
		6H	26.3	27.2	26.8	27.6	28.1	26.5	27.4	26.9	27.8	28.2
		8H	26.5	27.3	27.0	27.8	28.2	26.6	27.5	27.1	27.9	28.4
	12H	26.6	27.4	27.1	27.8	28.3	26.7	27.5	27.2	28.0	28.5	
8H	4H	26.0	26.9	26.5	27.3	27.8	26.1	27.0	26.6	27.4	27.9	
	6H	26.7	27.4	27.2	27.9	28.4	26.8	27.5	27.3	28.0	28.5	
	8H	27.0	27.6	27.5	28.1	28.6	27.1	27.7	27.6	28.2	28.7	
	12H	27.2	27.7	27.7	28.2	28.8	27.3	27.8	27.8	28.3	28.9	
12H	4H	26.1	26.8	26.5	27.3	27.8	26.1	26.9	26.6	27.4	27.9	
	6H	26.8	27.4	27.3	27.9	28.4	26.9	27.5	27.4	28.0	28.5	
	8H	27.1	27.6	27.6	28.1	28.7	27.2	27.7	27.7	28.2	28.8	
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	+ 0.2 / - 0.3					+ 0.2 / - 0.3						

CIE Pub.117, 278.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.4)

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:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:

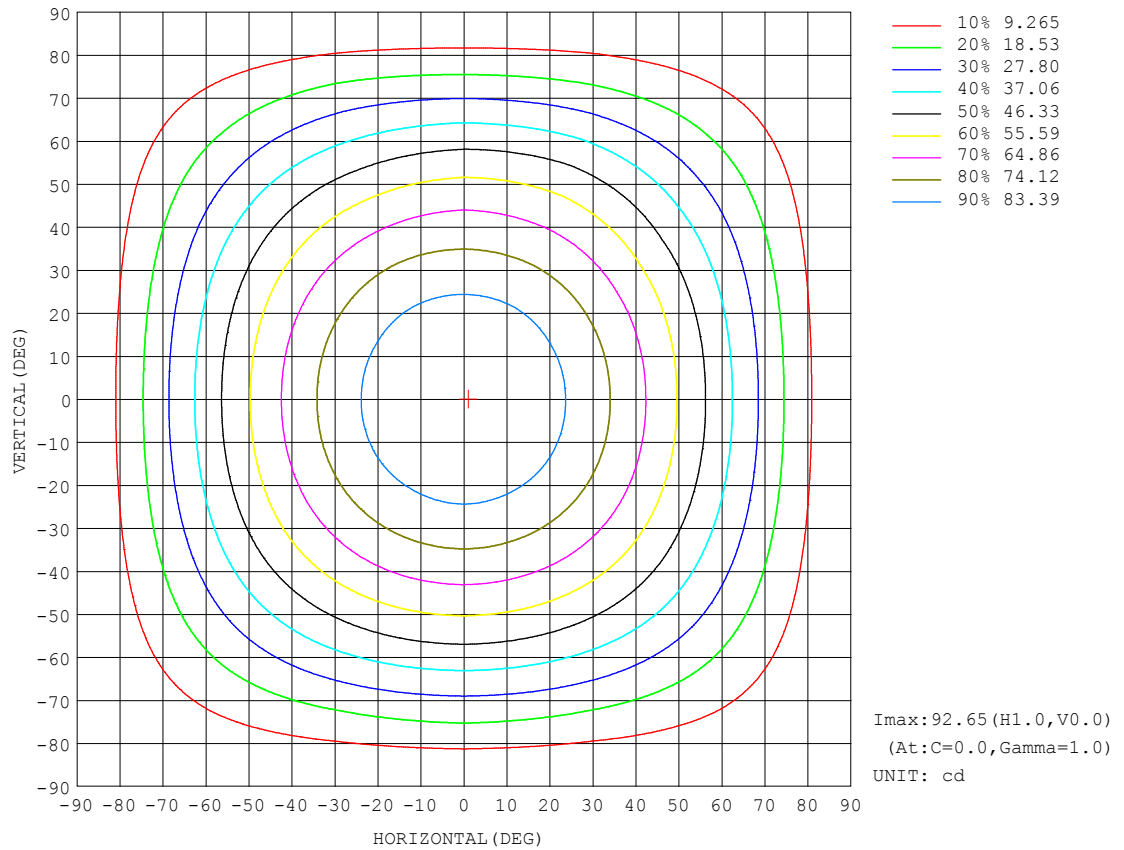
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	88	81	75	67
2.50	98	90	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	98	93	90	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

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

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

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:

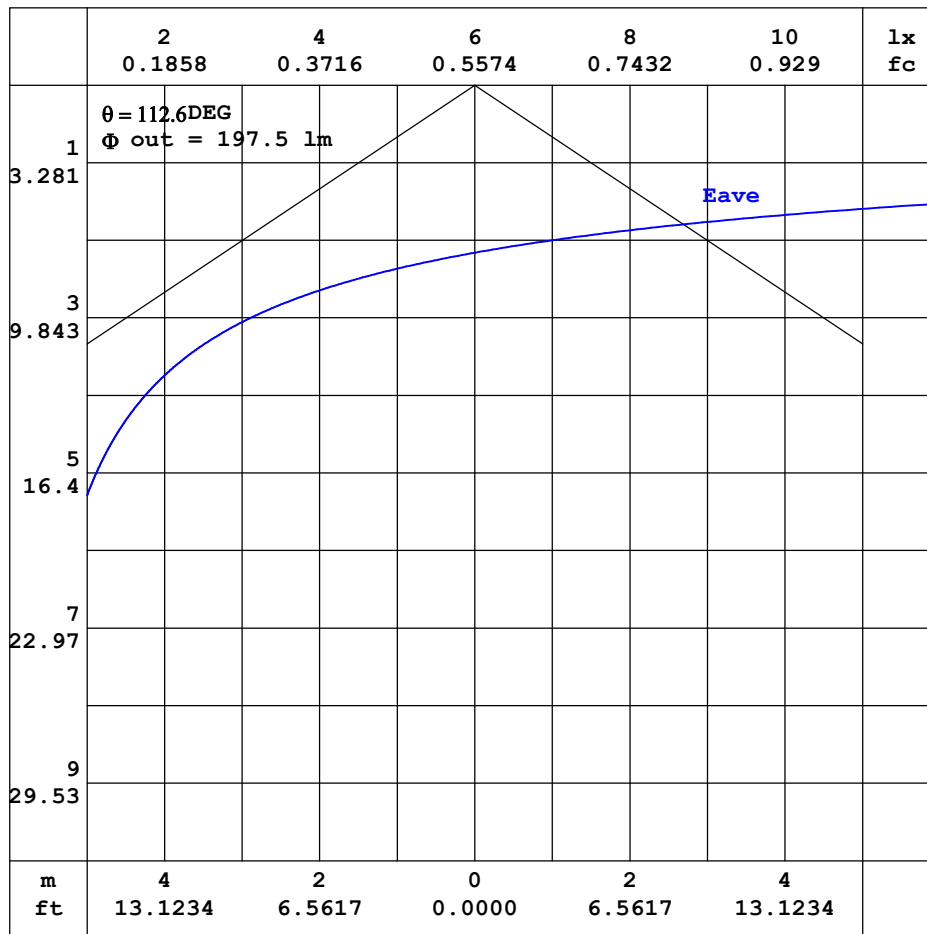


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:



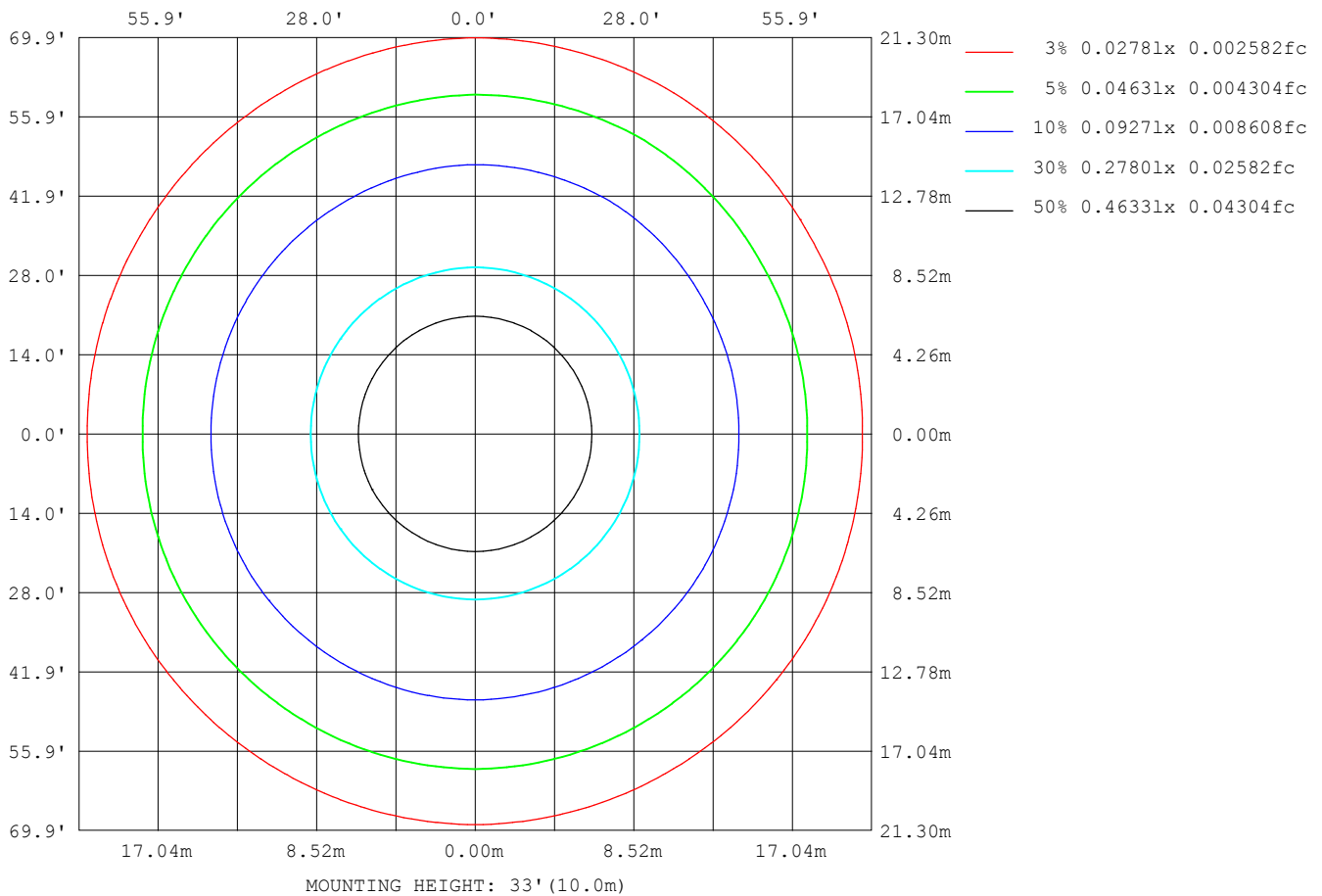
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding 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:

LED Avg.L Report

Test:U:24.00V I:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:

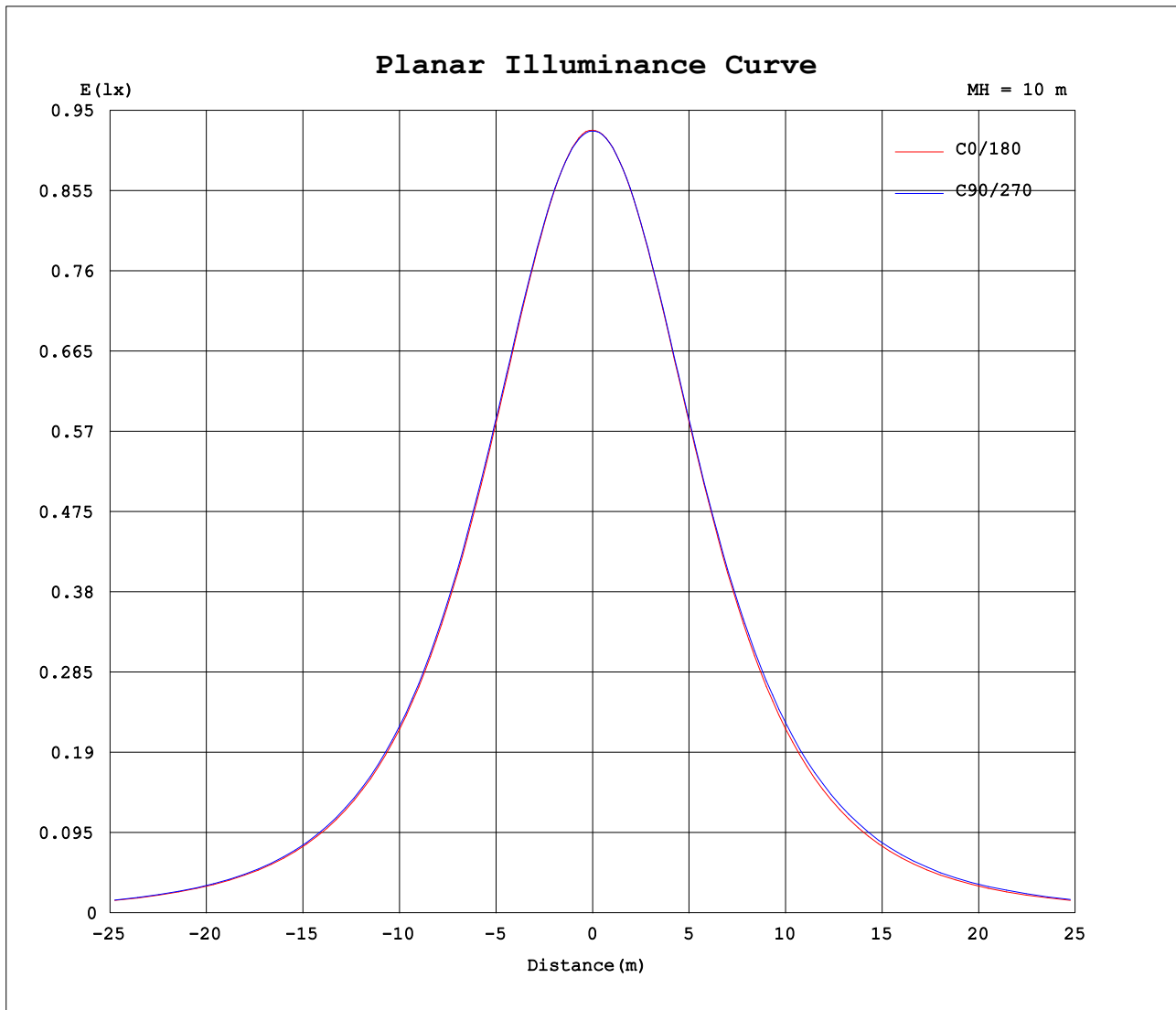
AvgL	cd/m2
L_0~180 (65) av	4771
L_0~180 (75) av	4166
L_0~180 (85) av	3228
L_90~270 (65) av	5021
L_90~270 (75) av	4486
L_90~270 (85) av	3483
L_45 (65) av	4884
L_45 (75) av	4311
L_45 (85) av	3377

Standard: GB/T 29293-2012

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:0.3355A P:8.051W PF:1.000 Freq:0Hz Lamp Flux:278.288x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80-5700	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 16.5mm*16.5mm	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	92.7	92.6	92.6	92.6	92.5	92.5	92.7	92.6	92.6	92.6	92.5	92.5						
5	92.3	92.2	92.2	92.2	92.2	92.1	92.3	92.2	92.2	92.2	92.2	92.2						
10	91.0	91.0	91.0	91.0	91.0	90.9	91.0	91.0	91.1	91.1	91.0	90.9						
15	88.8	88.9	89.0	89.1	89.0	88.9	89.0	89.0	89.1	89.1	89.0	88.8						
20	85.9	86.1	86.2	86.4	86.2	86.1	86.1	86.1	86.4	86.4	86.3	85.9						
25	82.3	82.6	82.7	83.0	82.7	82.6	82.5	82.6	82.9	82.9	82.8	82.4						
30	78.0	78.4	78.5	78.8	78.5	78.4	78.3	78.4	78.8	78.6	78.6	78.1						
35	73.1	73.4	73.7	73.9	73.7	73.5	73.3	73.5	73.9	74.0	73.8	73.2						
40	67.6	68.0	68.2	68.5	68.3	68.1	67.8	68.1	68.5	69.0	68.5	67.8						
45	61.5	61.9	62.2	62.5	62.3	62.1	61.7	62.1	62.6	63.7	63.0	61.8						
50	55.0	55.5	55.7	56.1	55.8	55.6	55.2	55.6	56.1	57.7	57.2	55.2						
55	48.0	48.5	48.7	49.1	48.8	48.7	48.2	48.6	49.3	50.9	50.7	48.3						
60	40.7	41.3	41.4	41.8	41.5	41.4	41.0	41.3	42.1	43.6	43.3	41.0						
65	33.1	33.6	33.7	34.2	33.8	33.8	33.4	33.8	34.8	35.8	35.4	33.6						
70	25.4	25.9	25.9	26.3	25.9	26.0	25.7	26.0	27.4	27.6	27.3	25.8						
75	17.7	18.0	18.0	19.0	18.0	18.2	17.9	18.3	19.6	19.3	19.2	18.1						
80	10.4	10.7	10.5	11.1	10.5	10.7	10.6	10.9	11.7	11.5	11.5	10.8						
85	4.59	4.75	4.43	4.90	4.46	4.79	4.69	4.98	5.25	5.12	5.37	4.81						
90	1.61	1.64	1.69	1.97	1.71	1.80	1.54	1.97	2.18	2.39	2.29	1.66						
95	1.01	1.19	1.51	1.89	1.52	1.27	0.80	1.42	1.88	2.30	1.91	1.04						
100	1.01	1.19	1.51	1.84	1.51	1.25	0.76	1.32	1.85	2.24	1.80	1.02						
105	1.04	1.25	1.51	1.74	1.51	1.26	0.76	1.27	1.84	2.20	1.72	1.02						
110	1.11	1.31	1.51	1.66	1.51	1.30	0.80	1.27	1.82	2.12	1.65	1.02						
115	1.18	1.37	1.54	1.68	1.51	1.36	0.88	1.28	1.76	2.02	1.59	1.02						
120	1.25	1.41	1.57	1.69	1.53	1.41	0.96	1.28	1.69	1.94	1.54	1.05						
125	1.32	1.46	1.57	1.70	1.57	1.46	1.05	1.28	1.63	1.83	1.50	1.09						
130	1.40	1.51	1.59	1.71	1.58	1.51	1.14	1.28	1.56	1.73	1.49	1.16						
135	1.45	1.55	1.63	1.73	1.59	1.56	1.23	1.29	1.55	1.65	1.48	1.21						
140	1.51	1.59	1.64	1.74	1.62	1.60	1.32	1.34	1.55	1.61	1.50	1.29						
145	1.56	1.63	1.66	1.75	1.64	1.65	1.41	1.40	1.55	1.60	1.51	1.36						
150	1.61	1.67	1.69	1.76	1.68	1.70	1.51	1.49	1.58	1.60	1.56	1.45						
155	1.66	1.72	1.73	1.79	1.72	1.75	1.59	1.56	1.63	1.61	1.60	1.52						
160	1.73	1.77	1.73	1.81	1.76	1.79	1.66	1.61	1.68	1.64	1.67	1.60						
165	1.76	1.81	1.78	1.83	1.79	1.82	1.73	1.68	1.75	1.69	1.73	1.67						
170	1.80	1.83	1.82	1.83	1.81	1.82	1.80	1.74	1.80	1.75	1.80	1.73						
175	1.81	1.84	1.82	1.84	1.82	1.83	1.82	1.80	1.83	1.80	1.83	1.79						
180	1.82	1.82	1.83	1.84	1.83	1.83	1.82	1.83	1.83	1.83	1.83	1.82						

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	92.65	92.59	92.56	92.56	92.54	92.51	92.65	92.59	92.56	92.56
3.0	92.55	92.44	92.44	92.41	92.41	92.37	92.52	92.51	92.44	92.48
6.0	92.07	91.99	92.00	92.00	91.97	91.93	92.07	92.06	92.04	92.08
9.0	91.29	91.27	91.27	91.29	91.25	91.20	91.33	91.33	91.35	91.35
12.0	90.20	90.24	90.25	90.34	90.21	90.19	90.29	90.29	90.37	90.34
15.0	88.83	88.94	88.97	89.08	88.95	88.90	88.96	88.95	89.11	89.10
18.0	87.19	87.33	87.40	87.54	87.34	87.40	87.34	87.37	87.56	87.49
21.0	85.28	85.48	85.55	85.78	85.57	85.48	85.45	85.51	85.74	85.70
24.0	83.10	83.35	83.45	83.69	83.46	83.44	83.31	83.36	83.68	83.66
27.0	80.69	80.97	81.11	81.36	81.11	81.05	80.89	81.02	81.33	81.27
30.0	78.02	78.39	78.50	78.83	78.52	78.42	78.25	78.38	78.75	78.65
33.0	75.12	75.46	75.65	75.98	75.69	75.60	75.31	75.50	75.91	75.98
36.0	72.05	72.36	72.66	72.90	72.70	72.50	72.20	72.48	72.86	73.00
39.0	68.72	69.08	69.37	69.65	69.44	69.12	68.89	69.17	69.61	70.11
42.0	65.21	65.60	65.89	66.20	65.96	65.75	65.39	65.68	66.20	67.02
45.0	61.52	61.91	62.24	62.54	62.31	62.11	61.68	62.06	62.58	63.74
48.0	57.63	58.13	58.35	58.72	58.44	58.15	57.85	58.21	58.78	60.09
51.0	53.62	54.10	54.35	54.73	54.43	54.28	53.83	54.18	54.82	56.33
54.0	49.44	49.95	50.18	50.55	50.24	50.07	49.67	50.07	50.69	52.44
57.0	45.17	45.73	45.87	46.30	45.94	45.77	45.41	45.76	46.46	47.87
60.0	40.74	41.26	41.41	41.81	41.48	41.42	40.96	41.34	42.13	43.56
63.0	36.22	36.67	36.86	37.22	36.93	36.77	36.46	36.86	37.74	38.84
66.0	31.59	32.13	32.18	32.64	32.22	32.29	31.86	32.25	33.34	34.10
69.0	26.96	27.41	27.46	27.84	27.49	27.52	27.22	27.60	28.87	29.34
72.0	22.31	22.66	22.71	23.00	22.76	22.77	22.53	22.93	24.26	24.12
75.0	17.67	18.04	18.01	19.04	17.99	18.17	17.92	18.28	19.56	19.28
78.0	13.23	13.52	13.40	14.20	13.42	13.58	13.45	13.75	14.80	14.54
81.0	9.110	9.336	9.131	9.683	9.166	9.346	9.247	9.604	10.25	10.09
84.0	5.582	5.710	5.457	5.856	5.492	5.775	5.672	6.006	6.309	6.234
87.0	3.059	3.136	2.793	3.141	2.808	3.217	3.105	3.374	3.507	3.460
90.0	1.612	1.636	1.686	1.970	1.711	1.797	1.540	1.973	2.180	2.393
93.0	1.056	1.216	1.508	1.910	1.543	1.316	0.8938	1.483	1.930	2.337
96.0	0.9952	1.171	1.509	1.890	1.514	1.246	0.7838	1.402	1.885	2.289
99.0	1.004	1.181	1.510	1.864	1.506	1.246	0.7638	1.347	1.854	2.262
102.0	1.010	1.211	1.511	1.809	1.506	1.246	0.7596	1.292	1.845	2.211
105.0	1.040	1.247	1.512	1.744	1.507	1.261	0.7554	1.272	1.839	2.196
108.0	1.085	1.292	1.508	1.699	1.507	1.282	0.7792	1.273	1.834	2.151
111.0	1.141	1.322	1.518	1.666	1.507	1.317	0.8194	1.275	1.809	2.096
114.0	1.171	1.347	1.533	1.674	1.508	1.352	0.8596	1.276	1.804	2.036
117.0	1.216	1.382	1.548	1.683	1.513	1.382	0.9048	1.278	1.729	1.985
120.0	1.251	1.412	1.569	1.690	1.528	1.412	0.9600	1.279	1.693	1.935
123.0	1.301	1.447	1.571	1.697	1.553	1.442	1.010	1.281	1.648	1.870
126.0	1.332	1.473	1.573	1.702	1.573	1.473	1.061	1.282	1.618	1.814
129.0	1.387	1.503	1.593	1.707	1.577	1.508	1.121	1.284	1.563	1.754
132.0	1.417	1.528	1.608	1.724	1.584	1.533	1.176	1.285	1.554	1.699
135.0	1.447	1.553	1.633	1.730	1.593	1.558	1.232	1.287	1.549	1.654
138.0	1.488	1.583	1.639	1.733	1.603	1.583	1.282	1.322	1.543	1.623
141.0	1.513	1.593	1.647	1.738	1.628	1.613	1.342	1.342	1.548	1.608
144.0	1.553	1.623	1.656	1.749	1.637	1.639	1.397	1.397	1.553	1.600
147.0	1.573	1.648	1.663	1.759	1.649	1.669	1.453	1.432	1.558	1.602
150.0	1.608	1.674	1.689	1.764	1.678	1.704	1.508	1.487	1.583	1.604
153.0	1.638	1.699	1.719	1.784	1.709	1.729	1.563	1.518	1.598	1.605
156.0	1.668	1.724	1.731	1.799	1.724	1.759	1.603	1.568	1.639	1.607
159.0	1.719	1.754	1.734	1.814	1.754	1.784	1.649	1.603	1.669	1.638
162.0	1.729	1.774	1.744	1.824	1.769	1.809	1.694	1.638	1.714	1.658
165.0	1.759	1.809	1.784	1.831	1.794	1.821	1.734	1.684	1.754	1.694
168.0	1.789	1.821	1.824	1.833	1.804	1.823	1.779	1.734	1.784	1.739
171.0	1.802	1.827	1.824	1.835	1.814	1.826	1.809	1.759	1.814	1.759
174.0	1.808	1.833	1.824	1.837	1.822	1.828	1.814	1.794	1.824	1.804
177.0	1.819	1.839	1.824	1.839	1.829	1.829	1.819	1.809	1.834	1.814
180.0	1.819	1.824	1.829	1.839	1.829	1.829	1.819	1.829	1.829	1.834
G/C	300.0	330.0								
0.0	92.54	92.51								
3.0	92.41	92.42								
6.0	92.00	91.96								
9.0	91.29	91.22								
12.0	90.32	90.16								
15.0	89.04	88.82								
18.0	87.49	87.20								
21.0	85.66	85.31								
24.0	83.56	83.14								
27.0	81.22	80.77								
30.0	78.64	78.12								

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

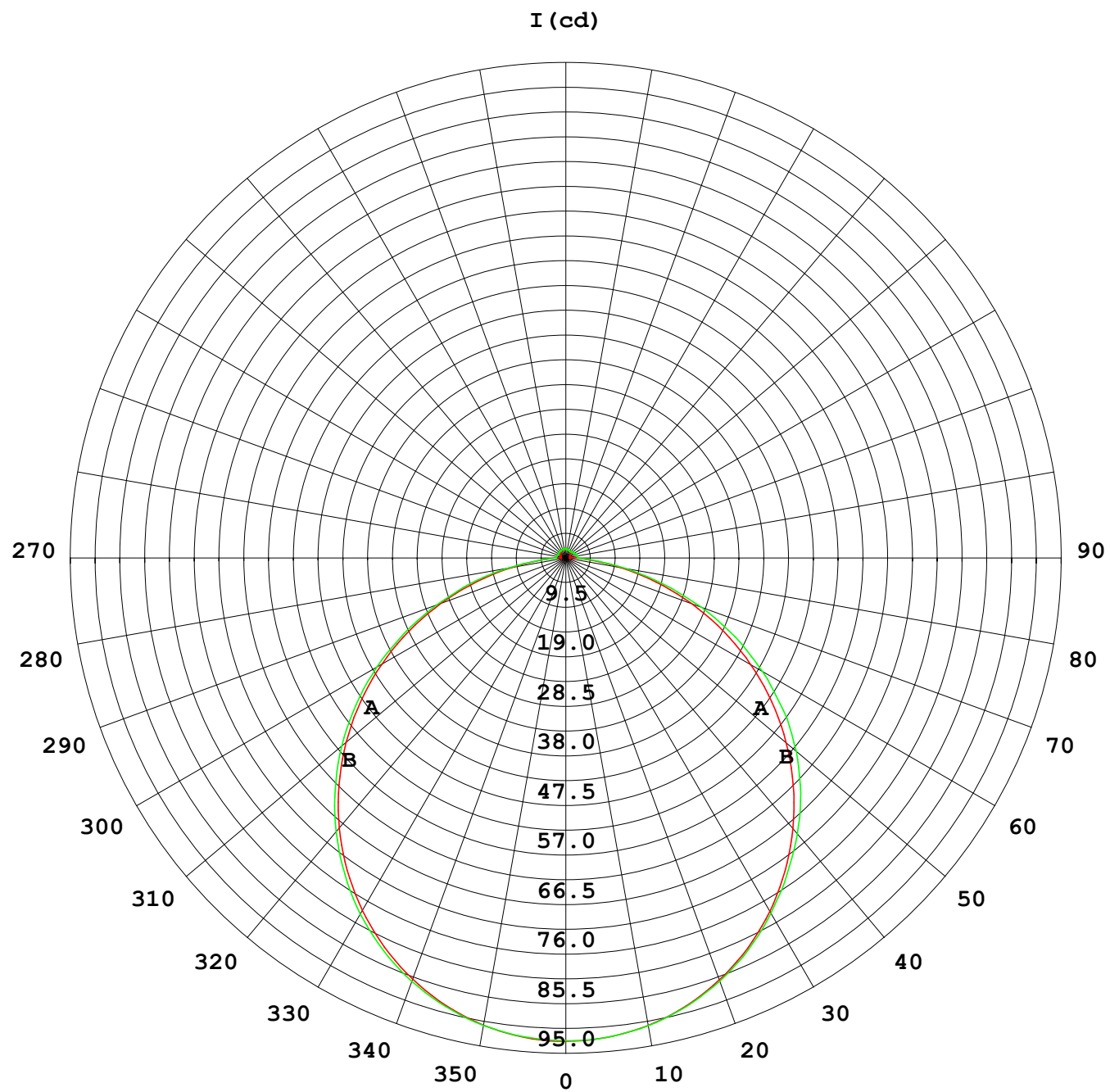
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	75.77	75.24
36.0	72.74	72.20
39.0	69.60	68.87
42.0	66.36	65.38
45.0	63.01	61.75
48.0	59.56	57.88
51.0	55.91	53.86
54.0	52.02	49.76
57.0	47.82	45.46
60.0	43.29	41.02
63.0	38.59	36.62
66.0	33.79	32.03
69.0	28.90	27.39
72.0	23.98	22.75
75.0	19.16	18.12
78.0	14.50	13.62
81.0	10.18	9.469
84.0	6.405	5.836
87.0	3.637	3.163
90.0	2.295	1.662
93.0	1.975	1.116
96.0	1.879	1.025
99.0	1.814	1.016
102.0	1.754	1.016
105.0	1.724	1.017
108.0	1.663	1.018
111.0	1.643	1.019
114.0	1.608	1.019
117.0	1.568	1.020
120.0	1.538	1.050
123.0	1.508	1.079
126.0	1.493	1.099
129.0	1.490	1.131
132.0	1.487	1.161
135.0	1.484	1.211
138.0	1.488	1.256
141.0	1.499	1.307
144.0	1.508	1.347
147.0	1.533	1.407
150.0	1.558	1.447
153.0	1.583	1.498
156.0	1.613	1.543
159.0	1.654	1.583
162.0	1.689	1.643
165.0	1.729	1.668
168.0	1.774	1.714
171.0	1.804	1.744
174.0	1.839	1.774
177.0	1.834	1.804
180.0	1.834	1.824

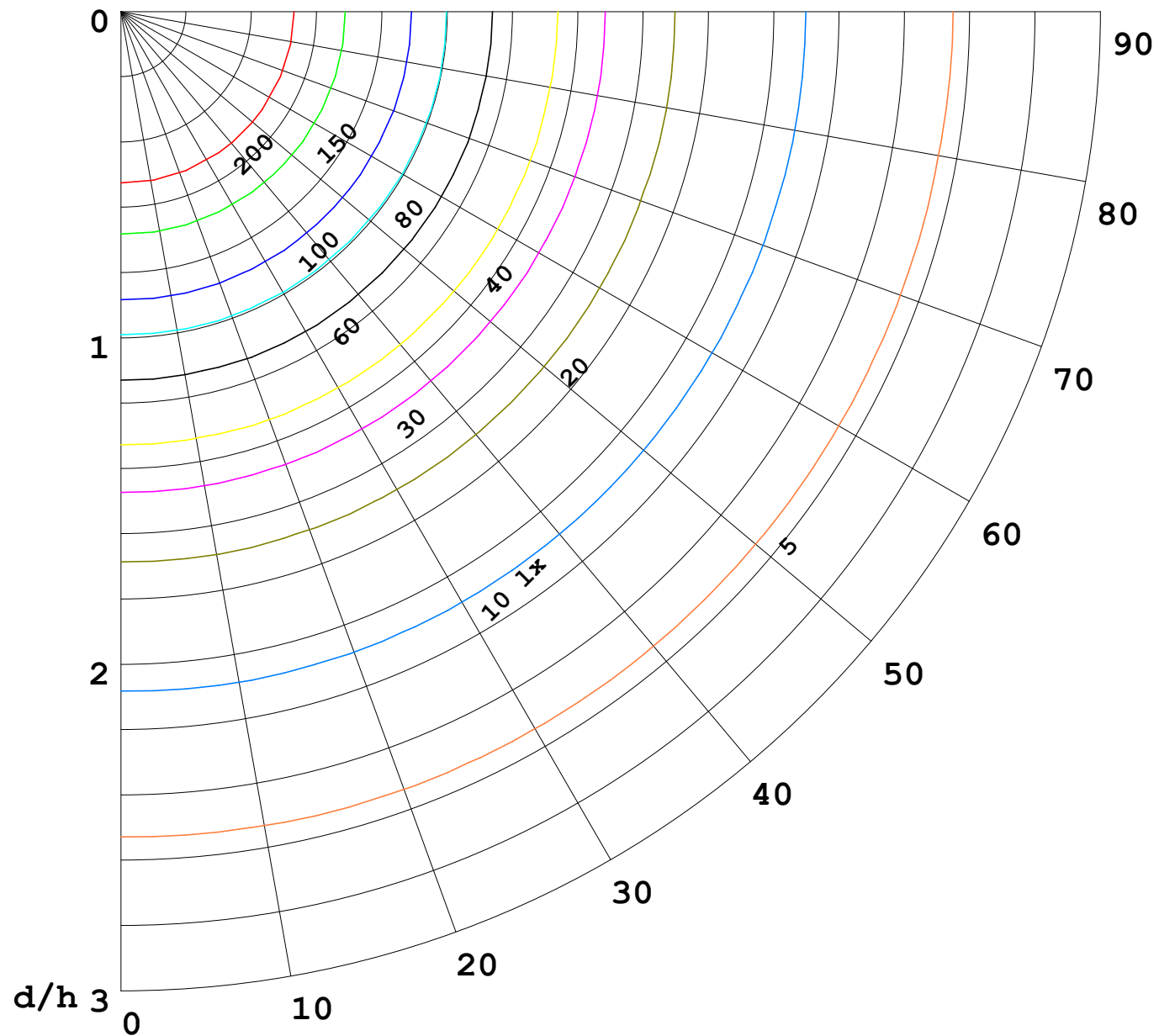
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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

