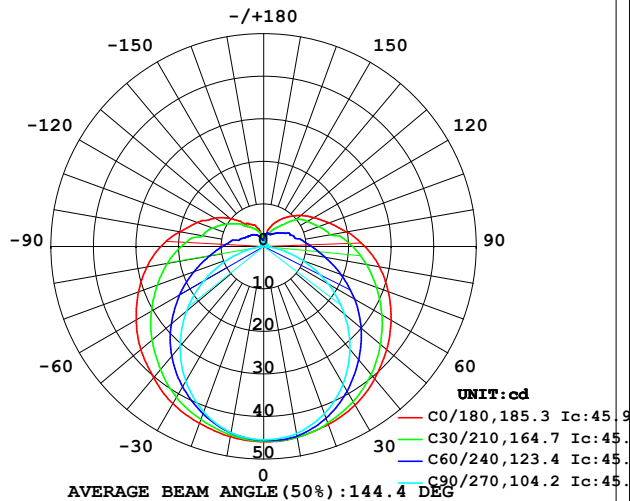


LUMINAIRE PHOTOMETRIC TEST REPORT

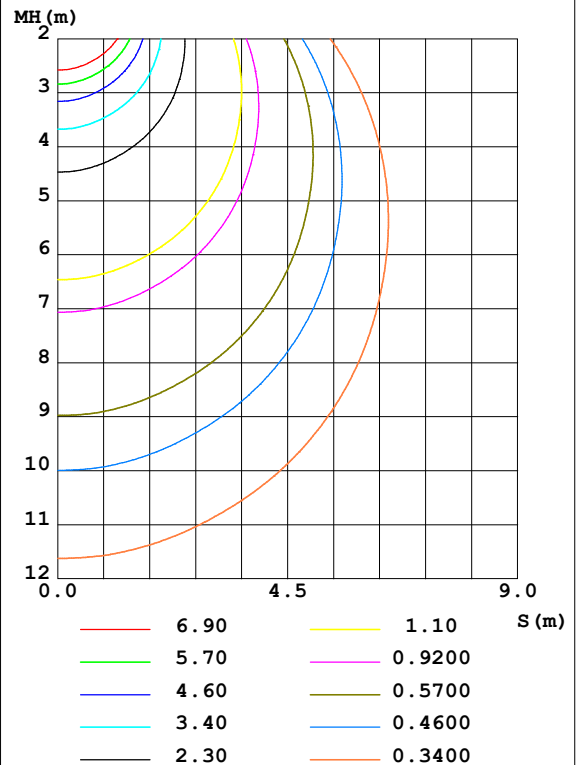
Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 30.15 lm/W			
MODEL	2835	I _{max} (cd)	45.93	S/MH (C0/180)	1.40
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	224.57	η UP, DN (C0-180)	10.9, 38.8
NOMINAL FLUX (lm)	224.567	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.2, 39.1
LAMPS INSIDE	1	η up (%)	22.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	77.9	CIBSE SHR MAX	1.55

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: LPC
Test Date: 2021-12-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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	45.56	45.43	44.65	44.37	45.39	44.75	44.44	45.21	0- 10	4.323	4.323	1.92,1.92
20	44.52	43.56	41.80	42.19	44.21	42.54	41.36	43.46	10- 20	12.46	16.78	7.47,7.47
30	43.02	40.69	37.39	39.10	42.70	39.55	36.60	40.65	20- 30	19.18	35.96	16,16
40	40.62	37.03	31.53	35.18	40.24	35.69	30.62	37.33	30- 40	23.89	59.85	26.7,26.7
50	37.75	32.86	24.82	30.72	37.69	31.34	23.67	33.44	40- 50	26.26	86.10	38.3,38.3
60	34.58	28.39	17.47	26.01	34.61	26.67	16.27	29.01	50- 60	26.28	112.4	50,50
70	31.18	23.80	9.874	21.41	31.32	22.06	8.866	24.45	60- 70	24.26	136.6	60.8,60.8
80	27.63	19.60	3.202	17.37	27.88	17.98	2.692	20.26	70- 80	20.91	157.6	70.2,70.2
90	23.80	16.10	0.6603	13.86	24.18	14.55	0.4425	16.79	80- 90	17.30	174.9	77.9,77.9
100	19.68	12.46	0.7074	10.55	19.91	11.25	0.5123	13.09	90-100	14.11	189.0	84.2,84.2
110	16.31	10.63	0.7758	8.321	16.60	9.165	0.5929	11.18	100-110	10.88	199.9	89,89
120	13.63	9.092	0.8343	6.679	13.36	7.562	0.6231	9.433	110-120	8.498	208.4	92.8,92.8
130	11.37	7.419	0.8946	5.917	10.23	6.250	0.6935	7.818	120-130	6.453	214.8	95.7,95.7
140	9.170	5.314	0.9499	4.915	6.781	5.041	0.7889	5.345	130-140	4.425	219.2	97.6,97.6
150	7.063	3.977	1.066	3.849	6.025	4.061	0.9747	4.016	140-150	2.771	222.0	98.9,98.9
160	5.009	3.258	1.084	2.696	4.838	3.096	1.005	3.314	150-160	1.633	223.6	99.6,99.6
170	2.257	2.802	1.074	1.489	2.175	2.025	1.027	3.028	160-170	0.7507	224.4	99.9,99.9
180	1.156	1.121	1.070	1.093	1.151	1.116	1.035	1.088	170-180	0.1785	224.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 72.827 lm

%lum = 32.4%

%lamp = 32.4%

Conical surface Flux(120deg): 112.38 lm

%lum = 50.0%

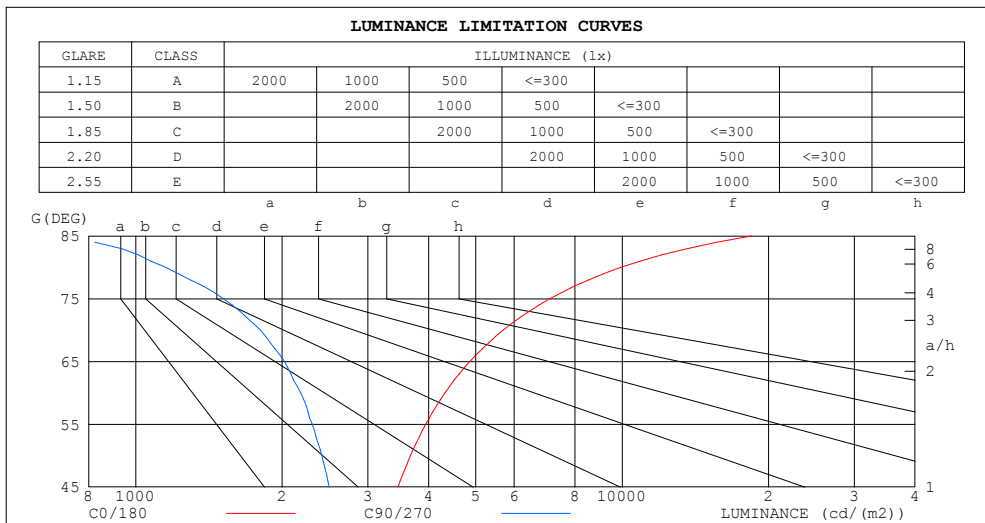
%lamp = 50.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	18477	719
80	9943	1152
75	7107	1512
70	5697	1804
65	4863	2021
60	4322	2183
55	3946	2306
50	3671	2413
45	3462	2499

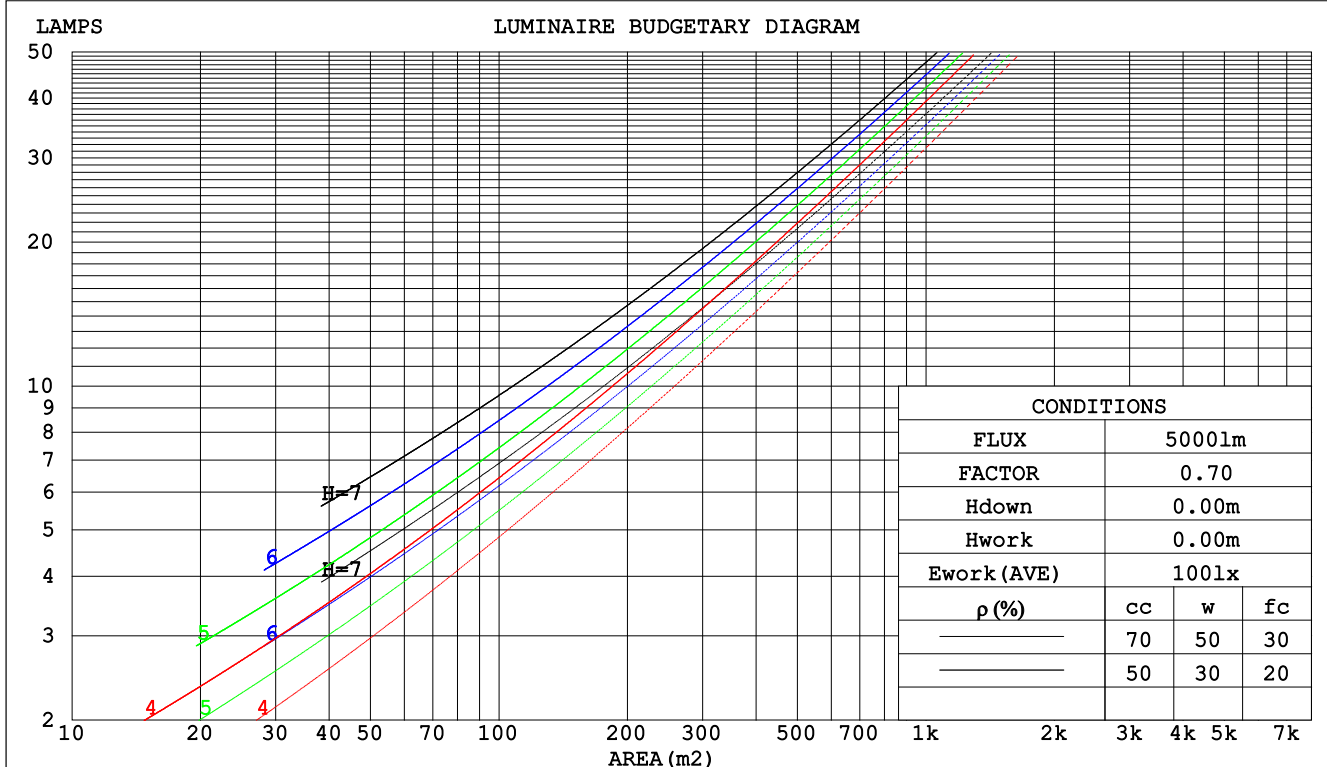
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	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	1.14	1.14	1.14	1.09	1.09	1.09	.99	.99	.99	.90	.90	.90	.82	.82	.82	.78
1.0	.95	.89	.84	.90	.85	.81	.82	.78	.74	.74	.71	.68	.67	.64	.62	.58
2.0	.81	.73	.66	.77	.70	.64	.70	.64	.59	.63	.58	.54	.57	.53	.50	.46
3.0	.70	.61	.54	.67	.59	.52	.61	.54	.48	.55	.49	.45	.49	.45	.41	.38
4.0	.61	.52	.45	.59	.50	.43	.53	.46	.40	.48	.42	.37	.44	.39	.35	.32
5.0	.55	.45	.38	.52	.43	.37	.47	.40	.34	.43	.37	.32	.39	.34	.30	.27
6.0	.49	.40	.33	.47	.38	.32	.43	.35	.30	.39	.33	.28	.35	.30	.26	.23
7.0	.44	.35	.29	.42	.34	.28	.39	.31	.26	.35	.29	.24	.32	.27	.23	.20
8.0	.40	.31	.25	.38	.30	.25	.35	.28	.23	.32	.26	.22	.29	.24	.20	.18
9.0	.37	.28	.23	.35	.27	.22	.32	.25	.21	.30	.24	.19	.27	.22	.18	.16
10.0	.34	.26	.20	.32	.25	.20	.30	.23	.19	.27	.22	.18	.25	.20	.16	.14



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	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	.387	.220	.070	.373	.213	.068	.346	.199	.063	.322	.186	.060	.300	.174	.056		
2.0	.333	.182	.056	.320	.176	.054	.297	.165	.051	.275	.154	.048	.255	.144	.045		
3.0	.295	.157	.047	.284	.152	.046	.262	.142	.043	.242	.133	.041	.224	.124	.038		
4.0	.265	.138	.041	.255	.133	.039	.236	.125	.037	.217	.117	.035	.201	.109	.033		
5.0	.241	.123	.036	.232	.119	.035	.214	.111	.033	.197	.104	.031	.182	.097	.029		
6.0	.221	.111	.032	.212	.107	.031	.196	.100	.029	.181	.094	.028	.167	.088	.026		
7.0	.204	.101	.029	.196	.098	.028	.181	.091	.026	.167	.086	.025	.154	.080	.023		
8.0	.189	.092	.026	.182	.089	.025	.168	.084	.024	.155	.079	.023	.143	.073	.021		
9.0	.176	.085	.024	.169	.082	.023	.157	.077	.022	.145	.073	.021	.133	.068	.020		
10.0	.165	.079	.022	.158	.077	.021	.147	.072	.020	.136	.067	.019	.125	.063	.018		

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	.359	.359	.359	.307	.307	.307	.209	.209	.209	.120	.120	.120	.038	.038	.038	
1.0	.356	.325	.298	.304	.279	.257	.208	.192	.178	.120	.111	.103	.038	.036	.033	
2.0	.349	.303	.264	.299	.261	.228	.205	.180	.159	.118	.105	.093	.038	.034	.030	
3.0	.341	.287	.243	.293	.247	.211	.201	.172	.148	.116	.100	.087	.037	.033	.029	
4.0	.334	.274	.229	.286	.237	.199	.197	.165	.140	.114	.097	.083	.037	.031	.027	
5.0	.326	.264	.219	.280	.229	.191	.193	.160	.135	.112	.094	.080	.036	.031	.026	
6.0	.319	.257	.212	.274	.222	.185	.189	.156	.131	.110	.092	.078	.035	.030	.026	
7.0	.312	.250	.207	.268	.217	.180	.185	.152	.128	.108	.090	.076	.035	.029	.025	
8.0	.305	.245	.203	.263	.212	.177	.182	.149	.126	.106	.088	.075	.034	.029	.025	
9.0	.299	.240	.200	.257	.208	.174	.178	.146	.124	.104	.086	.074	.034	.028	.024	
10.0	.293	.236	.198	.253	.205	.172	.175	.144	.122	.102	.085	.073	.033	.028	.024	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm										
NAME: SF21-24V-2835-120-3000+5700-80-3000					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 28mm*11.5mm			SERIAL No.:2021120904		
MFR.: OLYMPIA					SUR.:1*0.016			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	22.0	23.3	22.6	23.9	24.5	19.5	20.8	20.1	21.4	22.1
3H	24.8	26.0	25.4	26.6	27.3	20.9	22.2	21.5	22.8	23.4
4H	26.3	27.5	26.9	28.1	28.8	21.5	22.6	22.1	23.3	24.0
6H	28.0	29.1	28.7	29.8	30.5	21.8	22.9	22.5	23.5	24.3
8H	29.0	30.1	29.6	30.7	31.4	21.9	23.0	22.6	23.6	24.4
12H	30.1	31.1	30.8	31.8	32.5	21.9	23.0	22.6	23.6	24.4
4H 2H	22.6	23.7	23.2	24.3	25.0	20.8	22.0	21.4	22.6	23.3
3H	25.6	26.6	26.2	27.3	28.0	22.6	23.6	23.2	24.2	25.0
4H	27.3	28.3	28.0	28.9	29.7	23.4	24.3	24.0	25.0	25.8
6H	29.3	30.1	30.0	30.8	31.6	24.0	24.8	24.7	25.5	26.3
8H	30.4	31.1	31.1	31.9	32.7	24.2	25.0	24.9	25.7	26.5
12H	31.6	32.3	32.3	33.0	33.9	24.3	25.0	25.0	25.8	26.6
8H 4H	27.7	28.5	28.4	29.2	30.0	24.6	25.4	25.3	26.1	27.0
6H	30.0	30.6	30.7	31.4	32.2	25.7	26.4	26.4	27.1	28.0
8H	31.3	31.9	32.0	32.6	33.5	26.2	26.8	26.9	27.5	28.4
12H	32.8	33.3	33.5	34.1	35.0	26.6	27.1	27.3	27.9	28.8
12H 4H	27.7	28.4	28.4	29.2	30.0	25.1	25.8	25.8	26.5	27.4
6H	30.1	30.7	30.8	31.4	32.3	26.4	27.0	27.1	27.7	28.6
8H	31.5	32.0	32.3	32.8	33.7	27.1	27.6	27.9	28.4	29.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 224.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.2)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

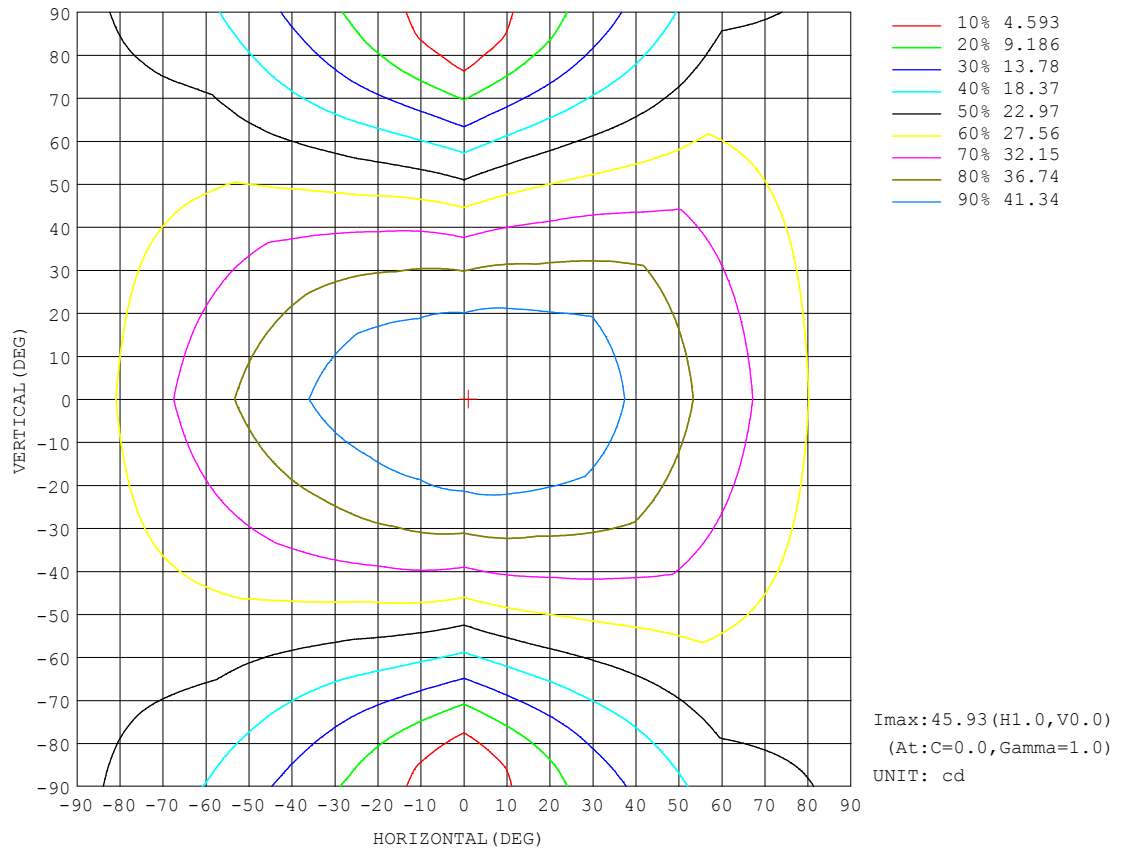
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	27	45	34	27	43	32	26	19
0.80	56	42	34	54	42	34	51	40	33	25
1.00	63	50	42	61	49	41	57	49	40	31
1.25	70	57	49	68	56	48	63	53	46	36
1.50	75	63	54	72	61	53	67	57	51	39
2.00	82	71	63	79	69	61	73	65	58	45
2.50	87	77	69	83	74	67	76	69	63	49
3.00	91	81	74	87	78	71	80	73	67	53
4.00	96	87	81	91	84	78	83	78	73	57
5.00	99	91	85	94	88	82	86	81	76	60
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:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

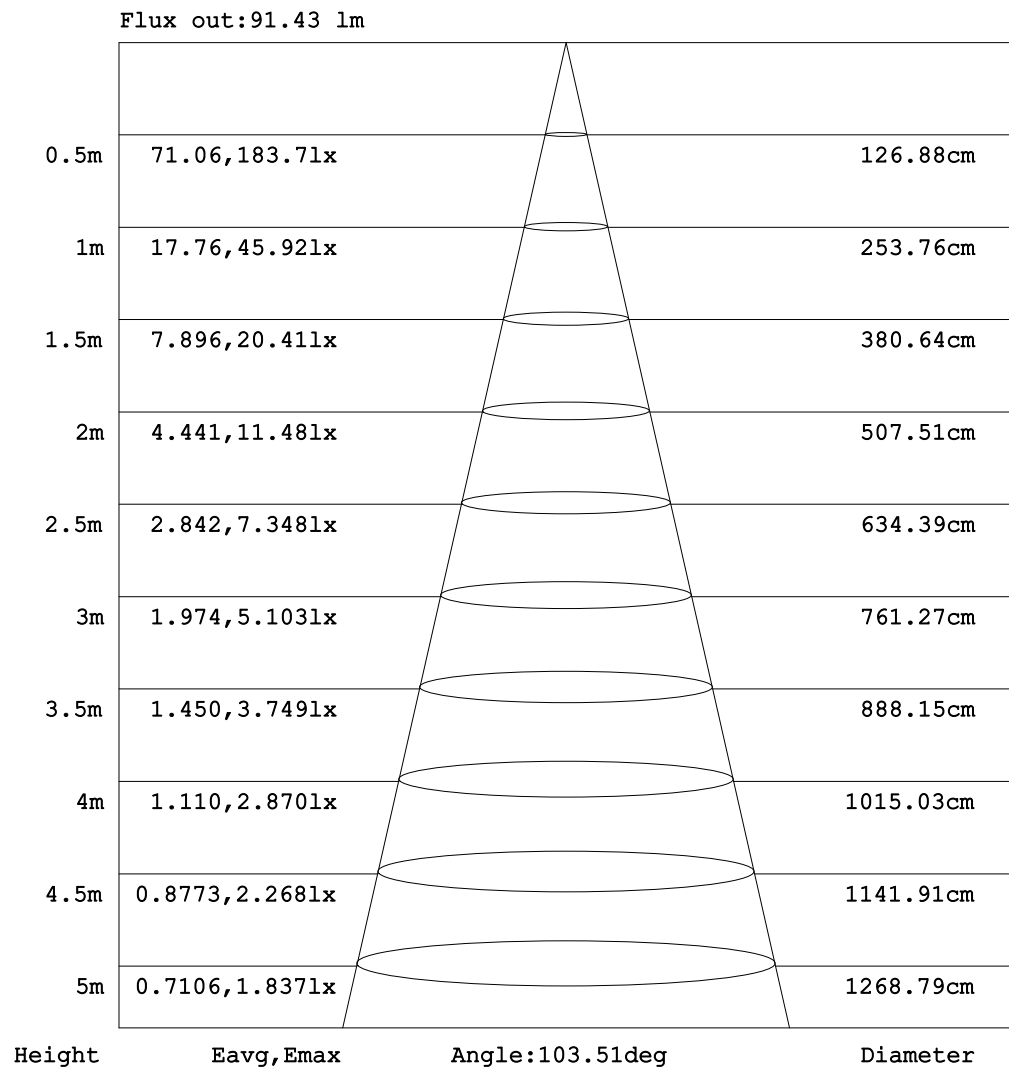


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



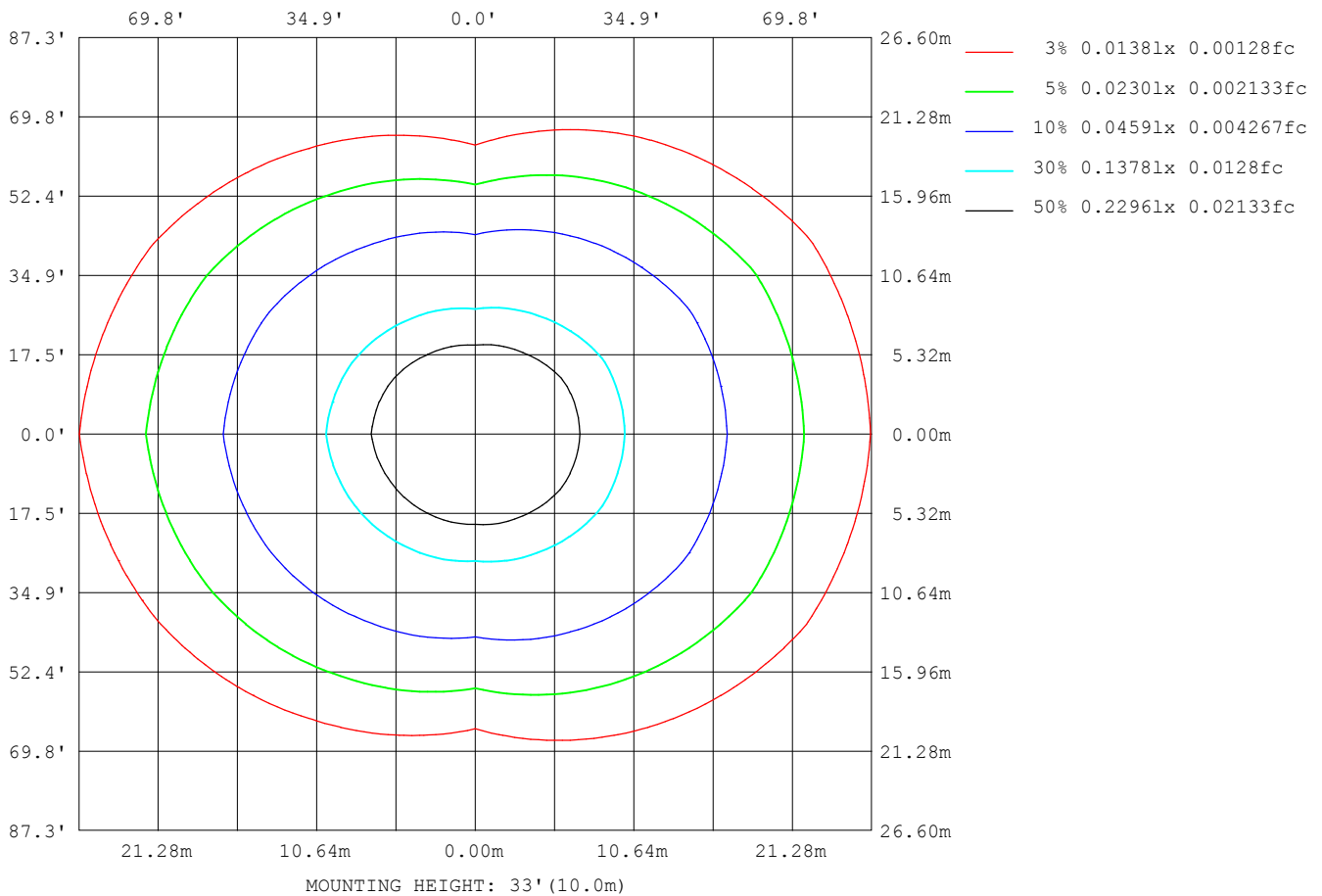
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

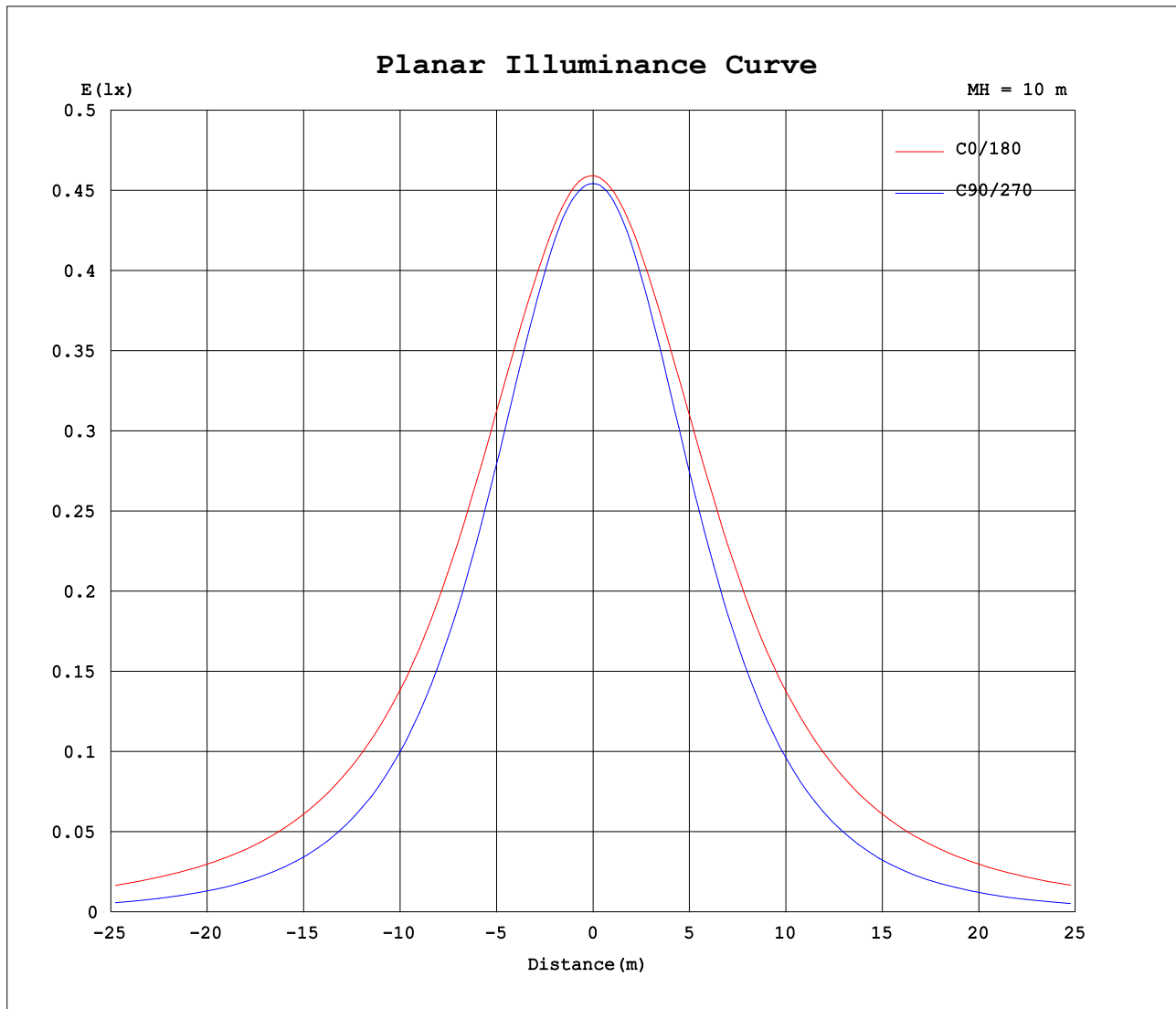
AvgL	cd/m2
L_0~180 (65) av	4871
L_0~180 (75) av	7131
L_0~180 (85) av	18589
L_90~270 (65) av	1937
L_90~270 (75) av	1409
L_90~270 (85) av	580
L_45 (65) av	3767
L_45 (75) av	5113
L_45 (85) av	12514

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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: LPC
Test Date: 2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3103A P:7.447W PF:1.000 Freq:50.00Hz Lamp Flux:224.567x1 lm		
NAME: SF21-24V-2835-120-3000+5700-80-3000	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120904
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	45.9	45.8	45.6	45.4	45.4	45.4	45.9	45.8	45.6	45.4	45.4	45.4						
5	45.9	45.8	45.6	45.3	45.1	45.0	45.8	45.5	45.2	45.2	45.3	45.6						
10	45.6	45.6	45.3	44.7	44.4	44.3	45.4	45.0	44.5	44.4	44.9	45.5						
15	45.0	45.1	44.3	43.4	43.2	43.5	44.9	44.2	43.3	43.2	44.0	45.1						
20	44.5	44.2	43.0	41.8	41.7	42.6	44.2	43.3	41.8	41.4	42.7	44.3						
25	43.9	43.2	41.3	39.8	40.1	41.5	43.6	42.2	40.1	39.2	40.9	43.3						
30	43.0	42.1	39.3	37.4	38.1	40.1	42.7	41.0	38.1	36.6	38.9	42.4						
35	41.9	40.8	37.1	34.6	36.0	38.4	41.6	39.5	36.0	33.7	36.8	41.3						
40	40.6	39.3	34.7	31.5	33.6	36.7	40.2	37.7	33.7	30.6	34.6	40.0						
45	39.2	37.6	32.4	28.3	31.0	35.1	39.0	36.0	31.1	27.3	32.4	38.5						
50	37.8	35.8	29.9	24.8	28.2	33.3	37.7	34.3	28.4	23.7	30.0	36.8						
55	36.2	34.0	27.3	21.2	25.4	31.3	36.2	32.5	25.6	20.0	27.5	35.0						
60	34.6	32.1	24.7	17.5	22.7	29.3	34.6	30.5	22.9	16.3	24.8	33.2						
65	32.9	30.2	22.0	13.7	20.0	27.4	33.0	28.5	20.2	12.5	22.1	31.3						
70	31.2	28.2	19.4	9.87	17.3	25.5	31.3	26.6	17.5	8.87	19.5	29.4						
75	29.4	26.4	16.9	6.26	14.9	23.7	29.6	24.8	15.0	5.40	17.0	27.5						
80	27.6	24.5	14.6	3.20	12.8	21.9	27.9	23.0	13.0	2.69	14.8	25.7						
85	25.8	22.7	12.8	1.00	11.1	20.0	26.1	21.2	11.2	0.61	12.9	24.0						
90	23.8	20.9	11.3	0.66	9.52	18.2	24.2	19.4	9.71	0.44	11.4	22.2						
95	21.9	19.1	10.0	0.66	8.29	16.4	22.2	17.7	8.57	0.45	10.1	20.5						
100	19.7	15.8	9.07	0.71	7.56	13.5	19.9	14.7	7.77	0.51	9.12	17.1						
105	17.9	14.9	7.64	0.75	5.56	12.7	18.1	13.9	5.94	0.59	7.63	16.1						
110	16.3	13.8	7.47	0.78	5.12	11.5	16.6	12.8	5.52	0.59	7.43	14.9						
115	14.9	12.7	6.90	0.81	4.55	9.94	14.6	11.6	4.88	0.60	6.35	13.8						
120	13.6	11.9	6.32	0.83	4.26	9.10	13.4	10.5	4.64	0.62	6.12	12.7						
125	12.5	11.0	5.59	0.86	4.24	8.51	11.8	9.41	4.33	0.67	5.59	11.8						
130	11.4	9.87	4.97	0.89	3.96	7.87	10.2	8.41	4.09	0.69	5.00	10.6						
135	10.2	8.12	4.50	0.92	3.85	7.06	8.71	7.40	3.91	0.76	4.40	8.79						
140	9.17	6.58	4.05	0.95	3.47	6.36	6.78	6.46	3.62	0.79	3.83	6.86						
145	8.09	5.57	3.66	0.98	3.13	5.63	6.63	5.64	3.33	0.84	3.41	5.79						
150	7.06	4.64	3.32	1.07	2.84	4.86	6.02	5.00	3.12	0.97	3.06	4.97						
155	6.09	3.87	3.29	1.09	2.47	4.16	5.64	4.41	2.77	0.99	3.18	4.20						
160	5.01	3.24	3.28	1.08	1.99	3.41	4.84	3.85	2.34	1.01	3.19	3.43						
165	4.11	2.72	3.22	1.08	1.50	2.66	4.17	3.29	1.91	1.02	3.15	2.95						
170	2.26	2.61	2.99	1.07	1.14	1.84	2.18	2.54	1.51	1.03	3.04	3.02						
175	1.73	2.21	2.76	1.07	1.13	1.10	1.75	1.81	1.16	1.04	2.88	2.84						
180	1.16	1.13	1.11	1.07	1.09	1.10	1.15	1.13	1.11	1.04	1.06	1.12						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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	45.92	45.83	45.59	45.43	45.41	45.40	45.92	45.83	45.59	45.43
3.0	45.93	45.84	45.65	45.39	45.29	45.18	45.84	45.68	45.42	45.36
6.0	45.85	45.79	45.59	45.20	44.98	44.88	45.70	45.44	45.13	45.11
9.0	45.64	45.63	45.38	44.86	44.57	44.47	45.48	45.12	44.69	44.64
12.0	45.37	45.39	44.91	44.21	43.95	44.03	45.21	44.69	44.09	43.97
15.0	45.04	45.06	44.29	43.43	43.20	43.53	44.85	44.19	43.34	43.16
18.0	44.73	44.60	43.54	42.51	42.36	42.99	44.47	43.68	42.46	42.11
21.0	44.41	43.95	42.65	41.46	41.42	42.44	44.09	43.06	41.48	40.91
24.0	44.03	43.37	41.63	40.24	40.40	41.71	43.70	42.49	40.42	39.66
27.0	43.57	42.75	40.50	38.84	39.33	40.91	43.24	41.76	39.29	38.13
30.0	43.02	42.11	39.27	37.39	38.15	40.05	42.70	40.99	38.12	36.60
33.0	42.40	41.33	37.94	35.74	36.89	39.07	42.08	40.14	36.87	34.93
36.0	41.70	40.50	36.59	33.97	35.55	38.04	41.35	39.15	35.54	33.14
39.0	40.90	39.62	35.20	32.18	34.11	37.06	40.52	38.09	34.13	31.23
42.0	40.04	38.66	33.82	30.30	32.58	36.11	39.71	37.01	32.65	29.26
45.0	39.16	37.62	32.42	28.27	30.99	35.09	38.99	36.02	31.09	27.26
48.0	38.33	36.55	30.94	26.20	29.34	34.02	38.24	34.99	29.48	25.11
51.0	37.45	35.42	29.44	24.10	27.63	32.87	37.42	33.93	27.81	22.96
54.0	36.54	34.34	27.87	21.92	25.97	31.69	36.54	32.82	26.11	20.79
57.0	35.57	33.26	26.29	19.69	24.35	30.49	35.61	31.65	24.47	18.56
60.0	34.58	32.11	24.67	17.47	22.70	29.32	34.61	30.48	22.86	16.27
63.0	33.56	30.93	23.03	15.15	21.05	28.15	33.64	29.32	21.24	14.05
66.0	32.55	29.78	21.42	12.89	19.44	27.02	32.65	28.14	19.61	11.84
69.0	31.52	28.61	19.85	10.60	17.80	25.88	31.65	27.01	18.03	9.590
72.0	30.48	27.47	18.36	8.356	16.30	24.78	30.64	25.93	16.48	7.455
75.0	29.43	26.37	16.89	6.262	14.90	23.70	29.63	24.80	15.05	5.404
78.0	28.35	25.26	15.50	4.312	13.62	22.60	28.59	23.75	13.75	3.613
81.0	27.27	24.17	14.24	2.690	12.48	21.53	27.53	22.67	12.58	2.160
84.0	26.15	23.09	13.12	1.378	11.45	20.41	26.45	21.60	11.54	0.8084
87.0	24.98	22.00	12.14	0.7263	10.48	19.31	25.35	20.52	10.57	0.4779
90.0	23.80	20.91	11.30	0.6603	9.517	18.21	24.18	19.40	9.712	0.4425
93.0	22.62	19.81	10.51	0.6584	8.667	17.06	23.03	18.36	8.989	0.4423
96.0	21.48	18.78	9.828	0.6735	8.114	16.01	21.82	17.37	8.391	0.4562
99.0	20.36	16.72	9.239	0.6988	7.686	13.73	20.44	14.89	7.914	0.4772
102.0	18.98	15.58	8.702	0.7246	7.160	13.28	19.17	14.43	7.510	0.5827
105.0	17.94	14.94	7.636	0.7472	5.557	12.66	18.12	13.87	5.940	0.5865
108.0	16.96	14.26	7.539	0.7636	5.248	12.01	17.18	13.25	5.813	0.5903
111.0	16.01	13.55	7.339	0.7819	5.017	11.07	16.30	12.45	5.396	0.5942
114.0	15.16	12.93	6.850	0.7992	4.620	10.19	15.01	11.87	4.989	0.5980
117.0	14.37	12.37	6.805	0.8192	4.434	9.532	14.10	11.13	4.744	0.6018
120.0	13.63	11.86	6.325	0.8343	4.262	9.096	13.36	10.49	4.638	0.6231
123.0	12.93	11.37	5.881	0.8494	4.090	8.754	12.47	9.837	4.447	0.6382
126.0	12.26	10.86	5.449	0.8695	4.237	8.372	11.52	9.204	4.281	0.6784
129.0	11.59	10.27	5.082	0.8896	3.956	8.000	10.55	8.586	4.141	0.6835
132.0	10.92	9.114	4.756	0.9047	3.965	7.613	9.561	8.048	4.030	0.7135
135.0	10.25	8.123	4.499	0.9198	3.845	7.058	8.707	7.405	3.914	0.7587
138.0	9.596	6.944	4.223	0.9348	3.640	6.543	7.679	6.712	3.759	0.7768
141.0	8.953	6.365	3.966	0.9549	3.378	6.210	6.084	6.294	3.563	0.7940
144.0	8.310	5.708	3.750	0.9700	3.162	5.783	6.713	5.756	3.397	0.8341
147.0	7.682	5.175	3.524	1.001	3.026	5.276	6.355	5.374	3.236	0.8692
150.0	7.063	4.637	3.318	1.066	2.835	4.864	6.025	5.001	3.120	0.9747
153.0	6.481	4.130	3.251	1.089	2.649	4.436	5.763	4.665	2.894	0.9811
156.0	5.892	3.733	3.285	1.087	2.368	4.015	5.578	4.318	2.693	0.9955
159.0	5.290	3.341	3.281	1.084	2.072	3.562	5.108	3.966	2.426	1.003
162.0	4.635	2.999	3.277	1.082	1.825	3.135	4.527	3.680	2.145	1.011
165.0	4.113	2.724	3.222	1.078	1.504	2.662	4.169	3.288	1.909	1.018
168.0	2.429	2.694	3.057	1.076	1.147	2.135	2.352	2.856	1.673	1.023
171.0	2.172	2.548	2.956	1.074	1.136	1.676	2.074	2.373	1.380	1.028
174.0	1.831	2.296	2.810	1.072	1.126	1.106	1.804	1.916	1.180	1.034
177.0	1.559	1.952	2.326	1.070	1.116	1.101	1.622	1.489	1.106	1.035
180.0	1.156	1.131	1.111	1.070	1.091	1.096	1.151	1.126	1.106	1.035
G/C	300.0	330.0								
0.0	45.41	45.40								
3.0	45.41	45.52								
6.0	45.29	45.56								
9.0	45.05	45.55								
12.0	44.61	45.37								
15.0	44.00	45.06								
18.0	43.24	44.61								
21.0	42.33	44.09								
24.0	41.29	43.51								
27.0	40.13	42.94								
30.0	38.91	42.39								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

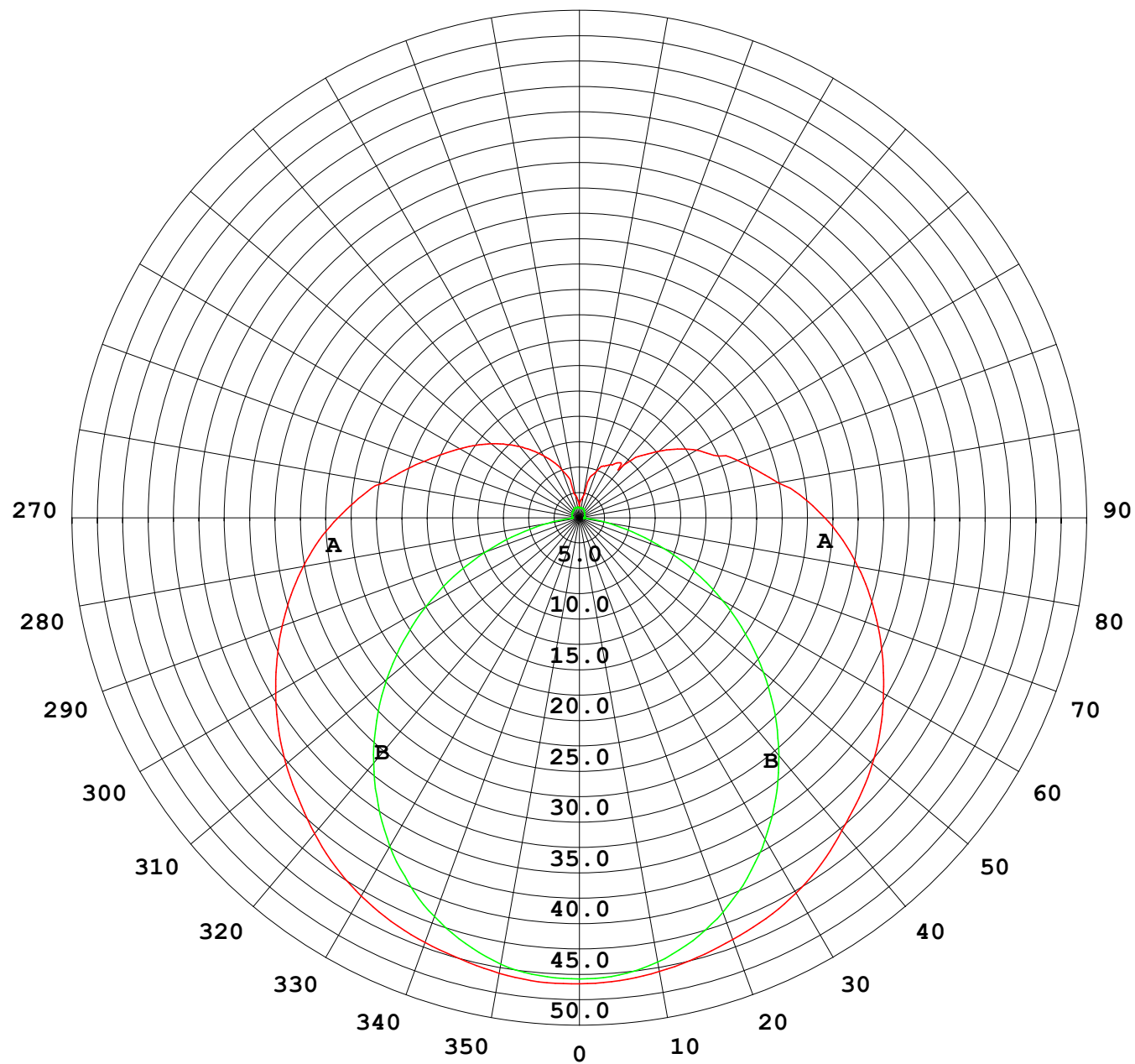
Photometric Data Table [cd]

33.0	37.66	41.77
36.0	36.39	41.08
39.0	35.07	40.28
42.0	33.74	39.44
45.0	32.42	38.53
48.0	31.04	37.51
51.0	29.55	36.51
54.0	28.01	35.35
57.0	26.45	34.23
60.0	24.83	33.19
63.0	23.22	32.07
66.0	21.60	30.92
69.0	20.01	29.78
72.0	18.50	28.69
75.0	17.03	27.54
78.0	15.65	26.47
81.0	14.36	25.42
84.0	13.22	24.35
87.0	12.21	23.26
90.0	11.35	22.24
93.0	10.57	21.16
96.0	9.878	20.14
99.0	9.291	17.87
102.0	8.741	16.73
105.0	7.628	16.13
108.0	7.478	15.43
111.0	7.394	14.69
114.0	7.133	14.00
117.0	6.582	13.36
120.0	6.124	12.74
123.0	5.809	12.18
126.0	5.457	11.68
129.0	5.120	10.98
132.0	4.773	9.809
135.0	4.396	8.793
138.0	4.039	7.586
141.0	3.743	6.726
144.0	3.492	5.988
147.0	3.266	5.459
150.0	3.061	4.972
153.0	3.122	4.505
156.0	3.179	4.052
159.0	3.191	3.570
162.0	3.202	3.167
165.0	3.146	2.945
168.0	3.091	3.010
171.0	3.015	3.010
174.0	2.929	2.880
177.0	2.729	2.765
180.0	1.055	1.121

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-09

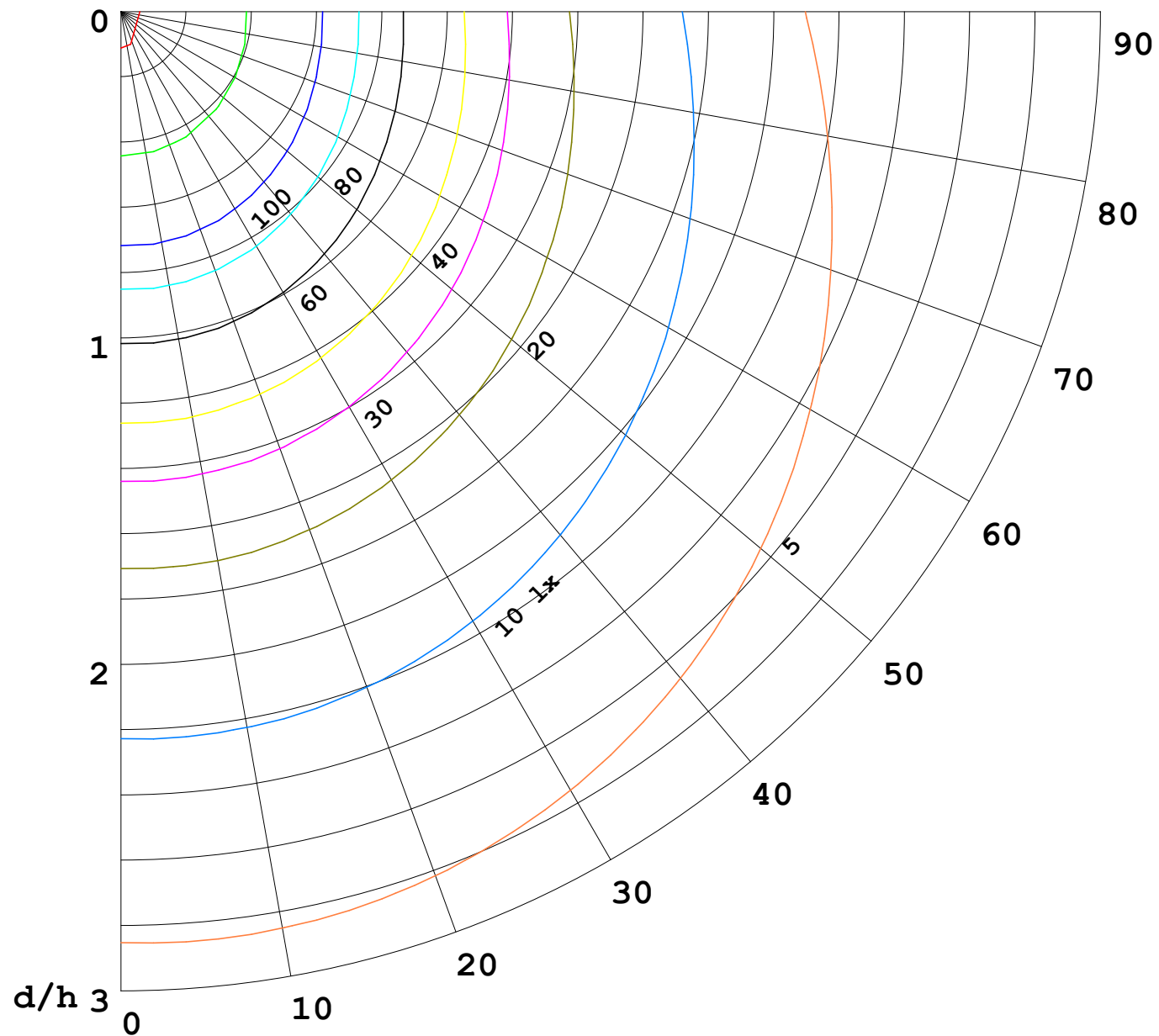
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

