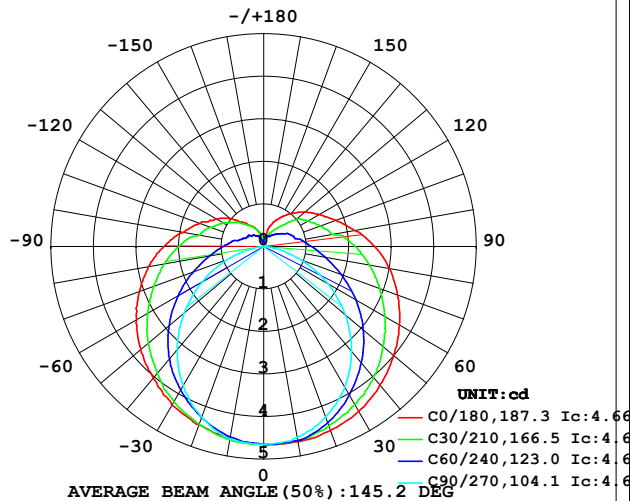


LUMINAIRE PHOTOMETRIC TEST REPORT

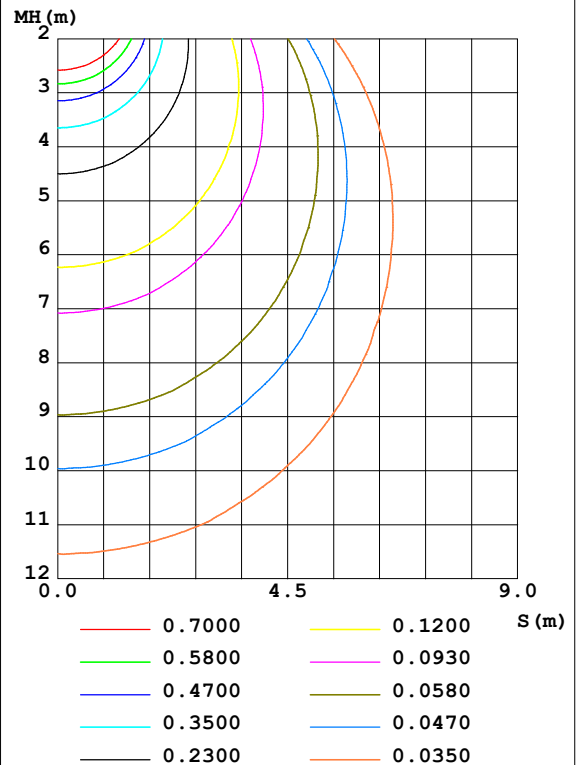
Test:U:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 5.34 lm/W
MODEL	5050	I _{max} (cd)	4.664	S/MH(C0/180)	1.38	
NOMINAL POWER(W)	3.3	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	22.882	η UP,DN(C0-180)	11.2,39.4	
NOMINAL FLUX(lm)	22.8824	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	10.6,38.8	
LAMPS INSIDE	1	η up(%)	21.8	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	48	η down(%)	78.2	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	4.658	4.628	4.553	4.586	4.583	4.578	4.594	4.611	0- 10	0.4419	0.4419	1.93,1.93
20	4.604	4.448	4.267	4.375	4.458	4.365	4.272	4.430	10- 20	1.276	1.718	7.51,7.51
30	4.473	4.164	3.824	4.074	4.312	4.056	3.780	4.129	20- 30	1.967	3.685	16.1,16.1
40	4.247	3.795	3.206	3.674	4.045	3.669	3.162	3.784	30- 40	2.452	6.138	26.8,26.8
50	3.991	3.362	2.517	3.234	3.769	3.221	2.448	3.365	40- 50	2.696	8.834	38.6,38.6
60	3.689	2.897	1.728	2.739	3.452	2.736	1.674	2.895	50- 60	2.695	11.53	50.4,50.4
70	3.353	2.428	0.9391	2.257	3.106	2.256	0.9102	2.422	60- 70	2.482	14.01	61.2,61.2
80	3.001	1.998	0.2408	1.824	2.749	1.837	0.2266	2.005	70- 80	2.132	16.14	70.5,70.5
90	2.614	1.638	0.0151	1.470	2.351	1.473	0	1.648	80- 90	1.756	17.90	78.2,78.2
100	2.167	1.272	0.0252	1.151	1.920	1.143	0	1.264	90-100	1.435	19.33	84.5,84.5
110	1.805	1.075	0.0302	0.9245	1.598	0.9274	0	1.082	100-110	1.107	20.44	89.3,89.3
120	1.508	0.9048	0.0302	0.7538	1.291	0.7761	0	0.9046	110-120	0.8629	21.30	93.1,93.1
130	1.252	0.7211	0.0302	0.6256	1.020	0.6433	0	0.7413	120-130	0.6495	21.95	95.9,95.9
140	1.015	0.4949	0.0452	0.5201	0.7186	0.5277	0	0.4775	130-140	0.4375	22.39	97.8,97.8
150	0.7793	0.3517	0.0603	0.4046	0.5537	0.4189	0.0100	0.3509	140-150	0.2673	22.66	99,99
160	0.5582	0.2725	0.0603	0.2890	0.3767	0.2891	0.0301	0.2517	150-160	0.1495	22.81	99.7,99.7
170	0.2012	0.2079	0.0603	0.1632	0.1979	0.1633	0.0503	0.2050	160-170	0.0637	22.87	99.9,99.9
180	0.0704	0.0704	0.0653	0.0628	0.0704	0.0678	0.0603	0.0628	170-180	0.0125	22.88	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7.4705 lm

%lum = 32.6%

%lamp = 32.6%

Conical surface Flux(120deg): 11.529 lm

%lum = 50.4%

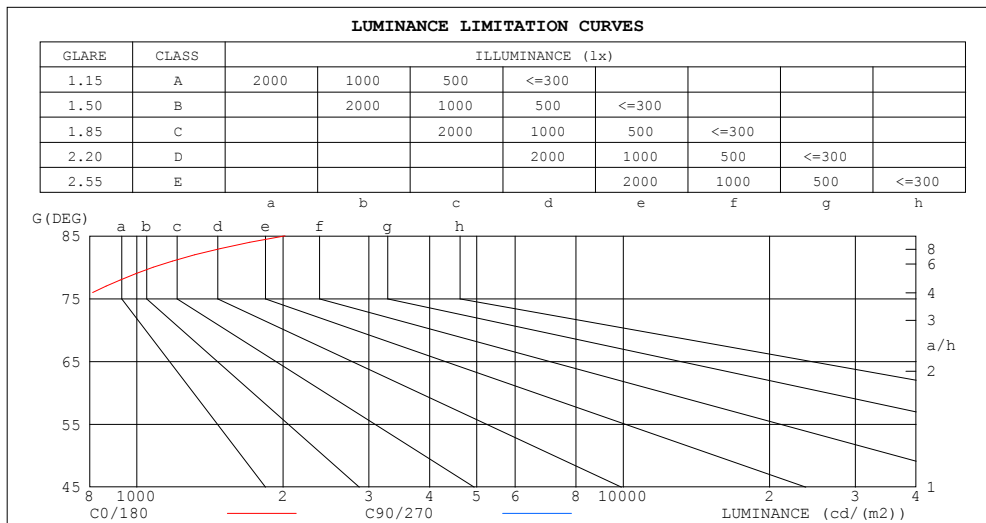
%lamp = 50.4%

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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2019	14
80	1080	87
75	768	137
70	613	172
65	521	198
60	461	216
55	419	231
50	388	245
45	365	253

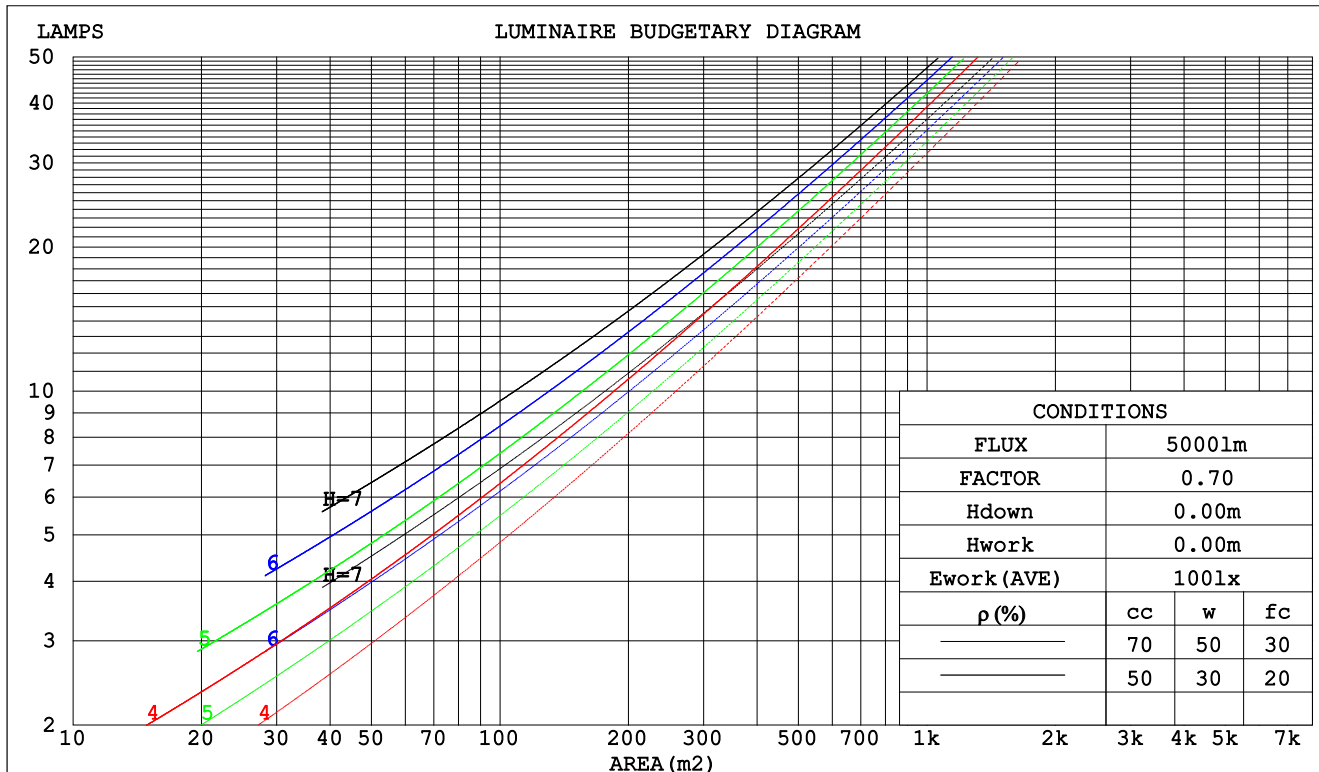
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-09

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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
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	.65	.62	.59
2.0	.81	.73	.66	.77	.70	.64	.70	.64	.59	.63	.59	.55	.57	.53	.50	.47
3.0	.70	.61	.54	.67	.59	.52	.61	.54	.48	.55	.49	.45	.50	.45	.41	.38
4.0	.62	.52	.45	.59	.50	.43	.53	.46	.40	.48	.42	.38	.44	.39	.35	.32
5.0	.55	.45	.38	.52	.43	.37	.48	.40	.35	.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	.25	.32	.27	.23	.20
8.0	.40	.31	.25	.38	.30	.25	.35	.28	.23	.32	.26	.22	.30	.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	.17	.15



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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
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 Coeffcients (WEC)										
0.0																	
1.0	.386	.220	.070	.372	.212	.067	.346	.199	.063	.323	.186	.060	.301	.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	.263	.142	.043	.243	.133	.041	.225	.124	.038		
4.0	.265	.138	.041	.255	.134	.039	.236	.125	.037	.218	.117	.035	.201	.109	.033		
5.0	.241	.123	.036	.232	.119	.035	.214	.112	.033	.198	.104	.031	.182	.097	.029		
6.0	.221	.111	.032	.212	.107	.031	.196	.101	.029	.181	.094	.028	.167	.088	.026		
7.0	.204	.101	.029	.196	.098	.028	.181	.092	.026	.167	.086	.025	.154	.080	.024		
8.0	.189	.092	.026	.182	.089	.025	.168	.084	.024	.155	.079	.023	.143	.074	.021		
9.0	.176	.085	.024	.169	.083	.023	.157	.078	.022	.145	.073	.021	.134	.068	.020		
10.0	.165	.079	.022	.159	.077	.021	.147	.072	.020	.136	.068	.019	.126	.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	.356	.356	.356	.305	.305	.305	.208	.208	.208	.119	.119	.119	.038	.038	.038		
1.0	.353	.323	.296	.302	.277	.254	.207	.191	.176	.119	.110	.102	.038	.036	.033		
2.0	.346	.300	.261	.297	.258	.226	.203	.179	.158	.117	.104	.092	.038	.034	.030		
3.0	.339	.284	.240	.290	.245	.208	.199	.170	.146	.115	.099	.086	.037	.032	.028		
4.0	.331	.271	.226	.284	.235	.196	.195	.163	.138	.113	.096	.082	.036	.031	.027		
5.0	.323	.262	.216	.278	.226	.188	.191	.158	.133	.111	.093	.079	.036	.030	.026		
6.0	.316	.254	.209	.272	.220	.182	.187	.154	.129	.109	.091	.077	.035	.030	.025		
7.0	.309	.247	.204	.266	.214	.178	.184	.150	.126	.107	.089	.075	.034	.029	.025		
8.0	.302	.242	.200	.260	.210	.175	.180	.147	.124	.105	.087	.074	.034	.028	.024		
9.0	.296	.237	.197	.255	.206	.172	.177	.145	.122	.103	.085	.073	.033	.028	.024		
10.0	.290	.233	.195	.250	.202	.170	.174	.142	.121	.101	.084	.072	.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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm										
NAME: SF21-48V-5050-60-RGB-B					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 28mm*11.5mm			SERIAL No.:2021120909		
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	22.2	23.5	22.7	24.1	24.7	19.5	20.8	20.0	21.4	22.0
3H	25.0	26.2	25.6	26.8	27.5	20.8	22.1	21.4	22.7	23.3
4H	26.6	27.7	27.2	28.4	29.1	21.3	22.5	21.9	23.1	23.8
6H	28.4	29.5	29.0	30.1	30.8	21.6	22.7	22.2	23.3	24.0
8H	29.3	30.4	30.0	31.0	31.8	21.6	22.7	22.3	23.3	24.1
12H	30.5	31.5	31.1	32.1	32.9	21.6	22.6	22.3	23.3	24.0
4H 2H	22.7	23.9	23.3	24.5	25.2	20.8	21.9	21.4	22.6	23.3
3H	25.8	26.8	26.4	27.4	28.2	22.5	23.5	23.1	24.2	24.9
4H	27.6	28.5	28.2	29.2	29.9	23.2	24.2	23.9	24.9	25.6
6H	29.5	30.4	30.2	31.1	31.9	23.8	24.6	24.5	25.3	26.1
8H	30.7	31.4	31.4	32.2	33.0	24.0	24.7	24.7	25.4	26.3
12H	31.9	32.7	32.7	33.4	34.2	24.0	24.7	24.7	25.5	26.3
8H 4H	27.9	28.7	28.6	29.4	30.2	24.6	25.3	25.3	26.0	26.9
6H	30.2	30.8	30.9	31.6	32.5	25.6	26.3	26.3	27.0	27.9
8H	31.5	32.1	32.3	32.9	33.8	26.0	26.6	26.8	27.4	28.3
12H	33.1	33.6	33.8	34.3	35.3	26.4	26.9	27.1	27.6	28.6
12H 4H	27.9	28.6	28.6	29.3	30.2	25.0	25.7	25.7	26.4	27.3
6H	30.3	30.9	31.0	31.6	32.5	26.3	26.9	27.1	27.7	28.5
8H	31.7	32.3	32.5	33.0	33.9	27.0	27.5	27.7	28.3	29.2
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	+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 22.88 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -13.1)

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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

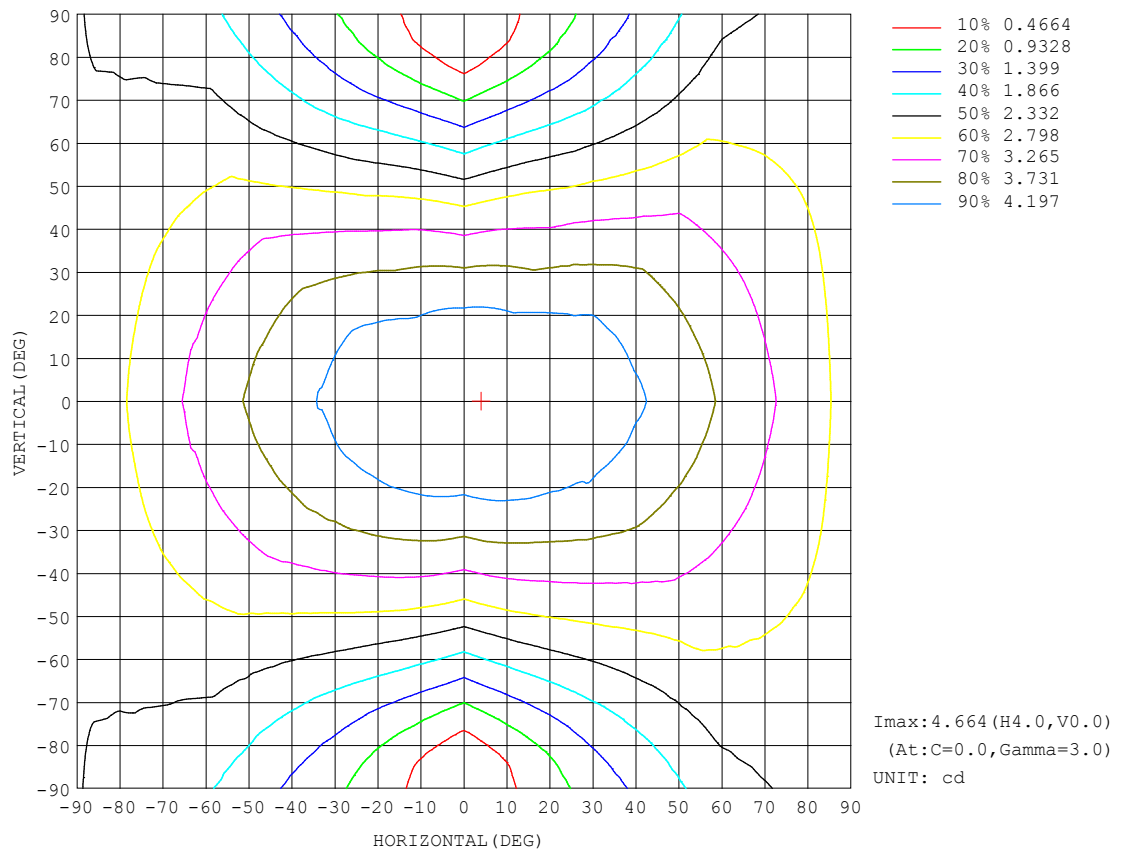
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	47	34	27	45	34	27	43	33	26	19
0.80	56	43	35	54	42	34	51	40	33	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	58	51	40
2.00	83	71	63	79	69	61	73	65	58	46
2.50	87	77	69	83	74	67	77	69	63	49
3.00	91	81	74	87	78	72	80	73	67	53
4.00	96	88	81	91	84	78	84	78	73	57
5.00	99	92	86	94	88	83	86	81	77	60
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: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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

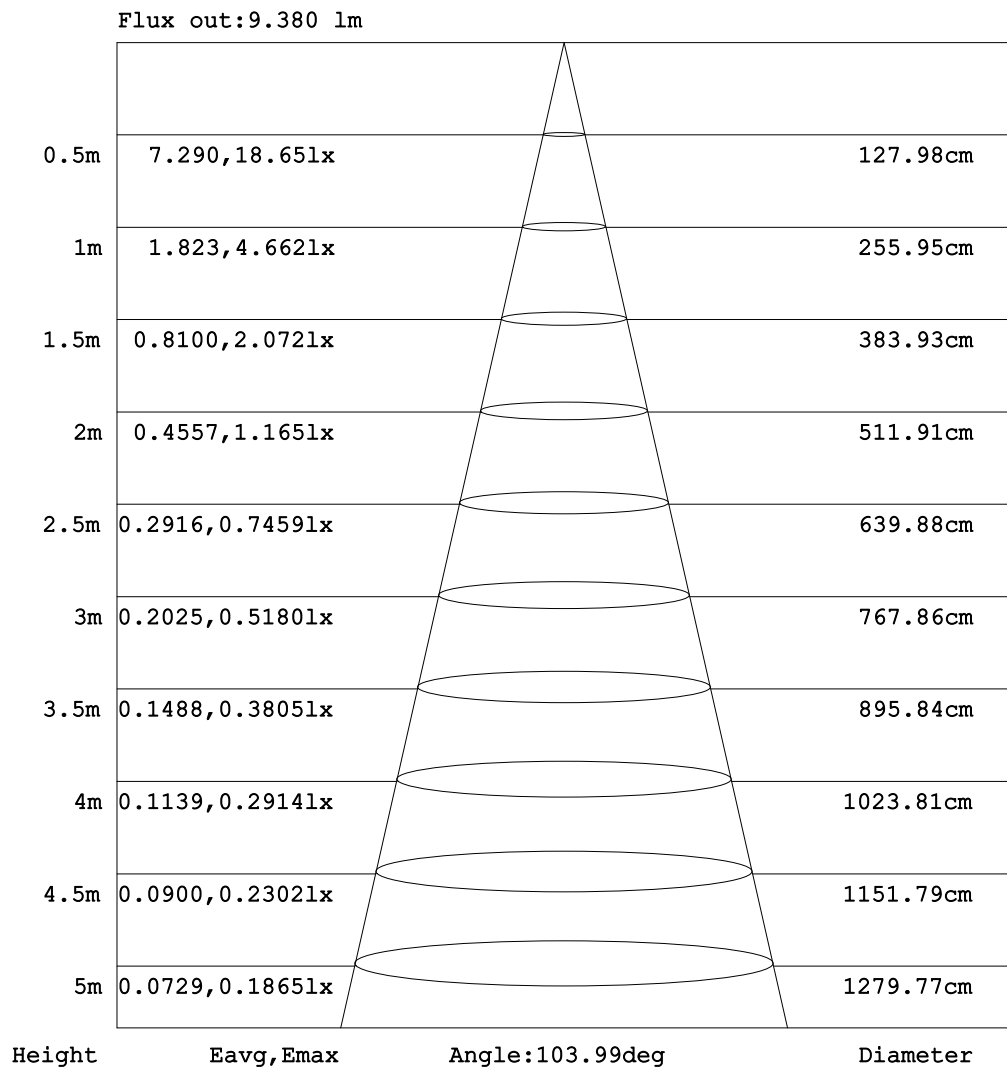


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-09

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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



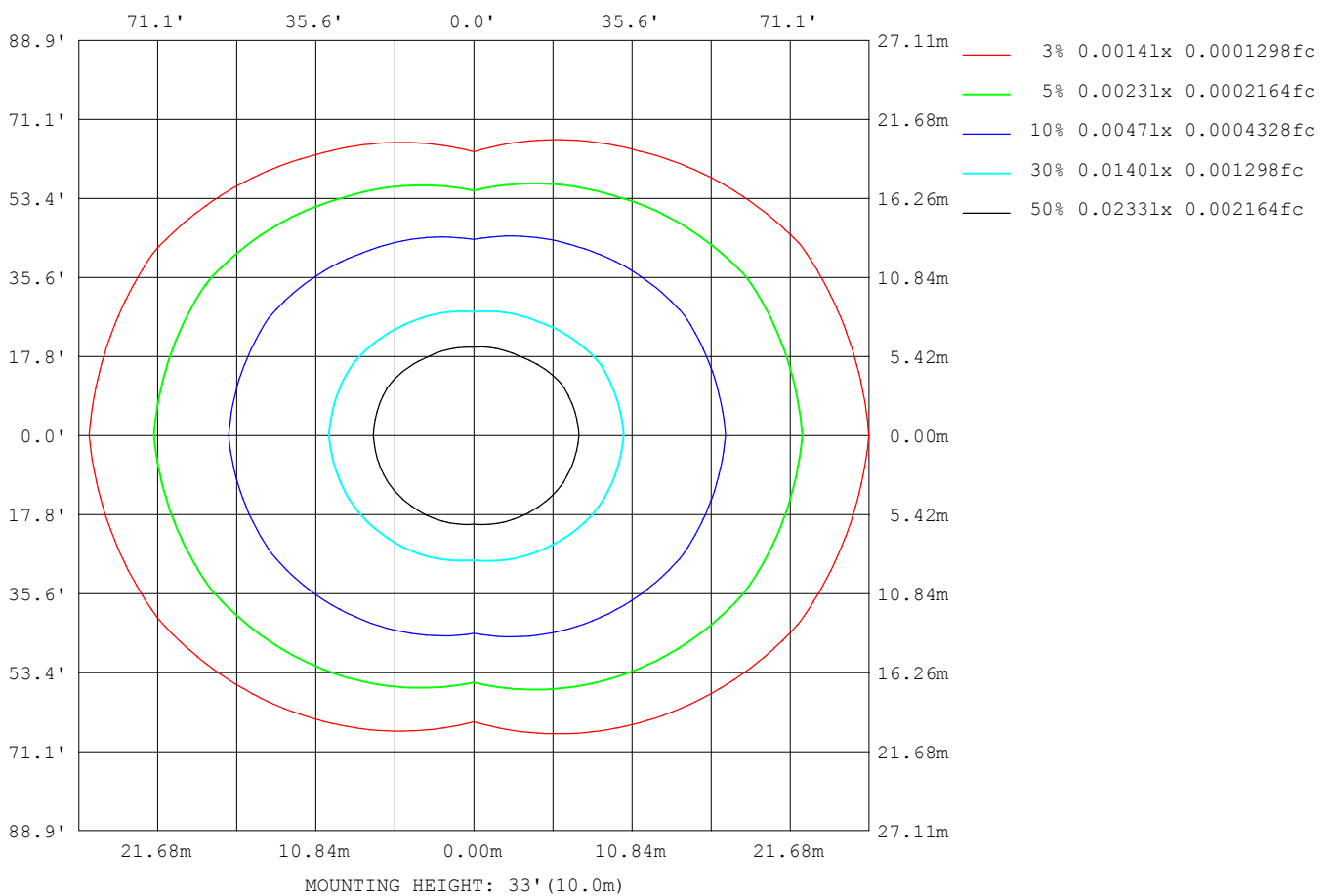
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

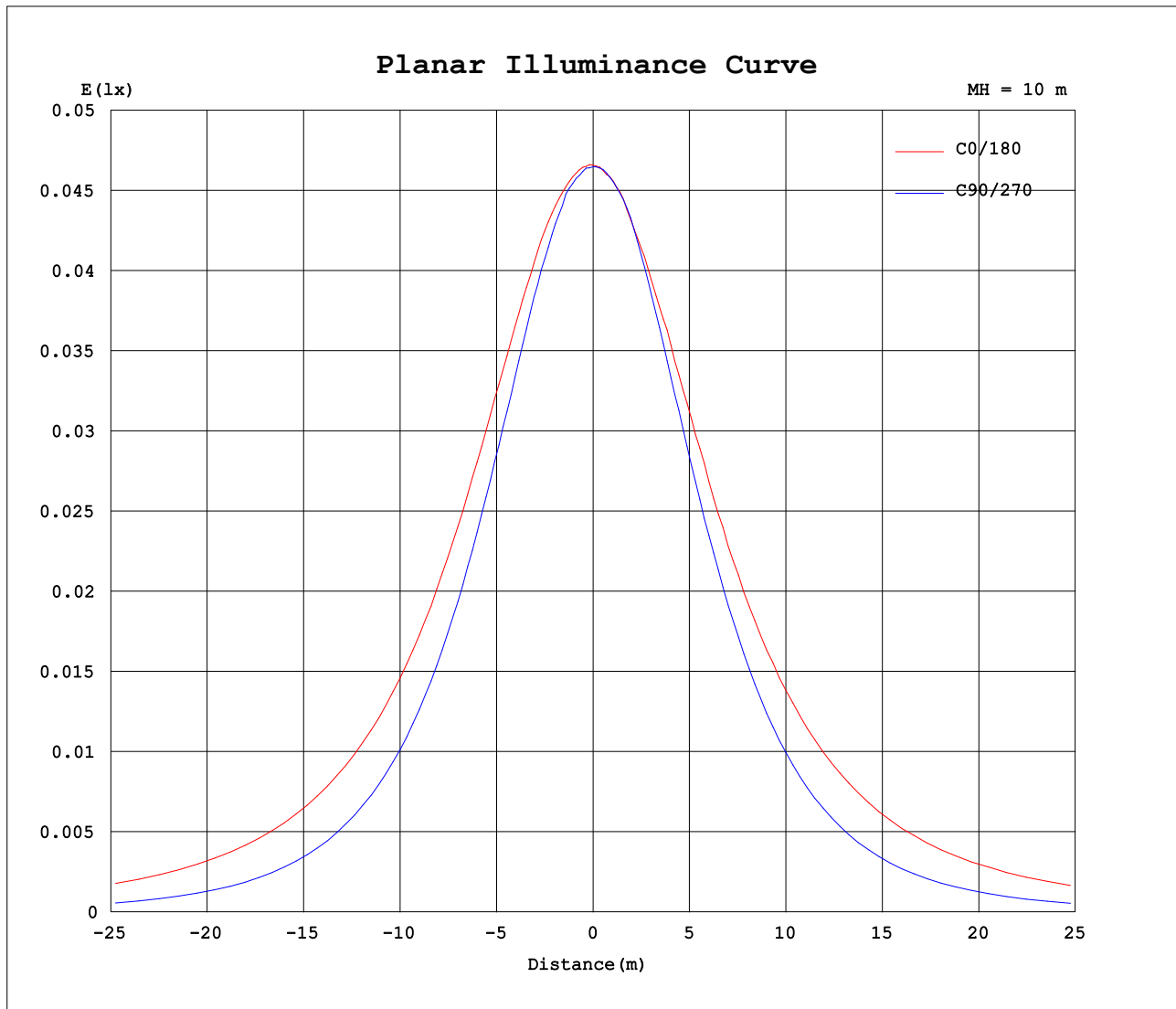
AvgL	cd/m2
L_0~180 (65) av	503
L_0~180 (75) av	738
L_0~180 (85) av	1921
L_90~270 (65) av	195
L_90~270 (75) av	134
L_90~270 (85) av	13
L_45 (65) av	384
L_45 (75) av	521
L_45 (85) av	1275

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:48.00V I:0.0892A P:4.282W PF:1.000 Freq:50.00Hz Lamp Flux:22.8824x1 lm		
NAME: SF21-48V-5050-60-RGB-B	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021120909
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	4.66	4.65	4.65	4.65	4.65	4.65	4.66	4.65	4.65	4.65	4.65	4.65						
5	4.66	4.65	4.65	4.63	4.64	4.63	4.64	4.65	4.62	4.64	4.64	4.65						
10	4.66	4.62	4.63	4.55	4.61	4.56	4.58	4.61	4.54	4.59	4.58	4.64						
15	4.65	4.57	4.54	4.45	4.49	4.49	4.53	4.54	4.42	4.46	4.47	4.62						
20	4.60	4.49	4.41	4.27	4.35	4.40	4.46	4.45	4.28	4.27	4.33	4.53						
25	4.54	4.39	4.23	4.07	4.17	4.30	4.38	4.34	4.10	4.05	4.14	4.43						
30	4.47	4.30	4.03	3.82	3.98	4.17	4.31	4.21	3.90	3.78	3.92	4.34						
35	4.38	4.16	3.80	3.53	3.76	4.02	4.16	4.09	3.69	3.49	3.69	4.22						
40	4.25	4.02	3.57	3.21	3.52	3.82	4.05	3.89	3.45	3.16	3.49	4.08						
45	4.13	3.85	3.32	2.86	3.26	3.66	3.91	3.72	3.19	2.82	3.24	3.92						
50	3.99	3.66	3.06	2.52	2.98	3.49	3.77	3.54	2.90	2.45	3.00	3.73						
55	3.85	3.50	2.78	2.12	2.68	3.29	3.62	3.35	2.62	2.06	2.72	3.54						
60	3.69	3.29	2.50	1.73	2.39	3.09	3.45	3.15	2.33	1.67	2.44	3.35						
65	3.52	3.09	2.21	1.34	2.11	2.87	3.28	2.95	2.04	1.30	2.15	3.16						
70	3.35	2.91	1.95	0.94	1.82	2.69	3.11	2.75	1.76	0.91	1.88	2.97						
75	3.18	2.71	1.69	0.57	1.58	2.48	2.93	2.56	1.52	0.54	1.63	2.78						
80	3.00	2.53	1.47	0.24	1.36	2.29	2.75	2.37	1.30	0.23	1.42	2.59						
85	2.81	2.34	1.28	0.02	1.17	2.12	2.54	2.19	1.11	0.02	1.24	2.41						
90	2.61	2.15	1.13	0.02	1.02	1.92	2.35	2.00	0.95	0.00	1.08	2.22						
95	2.41	1.96	1.00	0.02	0.90	1.75	2.15	1.82	0.83	0.00	0.93	2.04						
100	2.17	1.64	0.90	0.03	0.82	1.48	1.92	1.53	0.75	0.00	0.83	1.69						
105	1.98	1.55	0.76	0.03	0.61	1.40	1.76	1.45	0.60	0.00	0.72	1.59						
110	1.80	1.41	0.74	0.03	0.59	1.26	1.60	1.32	0.53	0.00	0.68	1.48						
115	1.64	1.32	0.68	0.03	0.53	1.11	1.41	1.20	0.48	0.00	0.60	1.37						
120	1.51	1.21	0.60	0.03	0.49	1.02	1.29	1.10	0.45	0.00	0.54	1.27						
125	1.38	1.11	0.53	0.03	0.47	0.92	1.16	0.98	0.45	0.00	0.47	1.17						
130	1.25	0.98	0.46	0.03	0.43	0.82	1.02	0.89	0.40	0.00	0.43	1.05						
135	1.14	0.78	0.42	0.05	0.42	0.72	0.85	0.78	0.37	0.00	0.36	0.87						
140	1.02	0.62	0.37	0.05	0.39	0.65	0.72	0.69	0.36	0.00	0.29	0.66						
145	0.89	0.51	0.32	0.05	0.35	0.56	0.62	0.61	0.30	0.00	0.26	0.56						
150	0.78	0.43	0.28	0.06	0.32	0.49	0.55	0.54	0.30	0.01	0.23	0.47						
155	0.67	0.37	0.27	0.06	0.27	0.41	0.47	0.46	0.24	0.02	0.22	0.38						
160	0.56	0.28	0.27	0.06	0.24	0.34	0.38	0.38	0.20	0.03	0.21	0.30						
165	0.45	0.21	0.26	0.06	0.18	0.25	0.31	0.32	0.14	0.05	0.21	0.25						
170	0.20	0.19	0.23	0.06	0.14	0.19	0.20	0.22	0.11	0.05	0.18	0.23						
175	0.16	0.14	0.17	0.06	0.08	0.11	0.08	0.15	0.07	0.06	0.12	0.20						
180	0.07	0.07	0.08	0.07	0.07	0.06	0.07	0.07	0.07	0.06	0.06	0.07						

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	4.659	4.654	4.649	4.649	4.649	4.654	4.659	4.654	4.649	4.649
3.0	4.664	4.654	4.654	4.639	4.649	4.644	4.644	4.654	4.629	4.649
6.0	4.661	4.649	4.644	4.619	4.643	4.634	4.634	4.644	4.613	4.629
9.0	4.659	4.639	4.635	4.573	4.624	4.573	4.613	4.634	4.558	4.609
12.0	4.656	4.619	4.614	4.513	4.564	4.533	4.553	4.589	4.503	4.549
15.0	4.654	4.573	4.544	4.447	4.493	4.488	4.533	4.538	4.422	4.463
18.0	4.614	4.543	4.463	4.347	4.408	4.438	4.478	4.488	4.337	4.348
21.0	4.589	4.468	4.378	4.226	4.312	4.397	4.463	4.428	4.236	4.227
24.0	4.554	4.412	4.272	4.101	4.207	4.317	4.397	4.357	4.136	4.106
27.0	4.523	4.372	4.162	3.970	4.101	4.237	4.352	4.292	4.020	3.941
30.0	4.473	4.297	4.031	3.824	3.981	4.166	4.312	4.212	3.900	3.780
33.0	4.418	4.212	3.895	3.653	3.850	4.076	4.212	4.131	3.774	3.619
36.0	4.358	4.136	3.760	3.472	3.714	3.975	4.136	4.031	3.648	3.428
39.0	4.287	4.060	3.614	3.276	3.569	3.889	4.061	3.930	3.492	3.232
42.0	4.212	3.975	3.473	3.080	3.423	3.759	3.985	3.820	3.342	3.026
45.0	4.131	3.849	3.318	2.864	3.257	3.658	3.915	3.719	3.186	2.820
48.0	4.041	3.739	3.162	2.658	3.091	3.573	3.824	3.609	3.020	2.589
51.0	3.966	3.628	3.006	2.432	2.921	3.437	3.744	3.503	2.849	2.378
54.0	3.880	3.513	2.840	2.201	2.745	3.337	3.658	3.393	2.678	2.137
57.0	3.785	3.412	2.669	1.974	2.559	3.201	3.563	3.272	2.497	1.905
60.0	3.689	3.291	2.503	1.728	2.393	3.085	3.452	3.146	2.326	1.674
63.0	3.589	3.171	2.328	1.497	2.222	2.950	3.347	3.026	2.155	1.448
66.0	3.483	3.055	2.157	1.266	2.046	2.839	3.251	2.905	1.990	1.217
69.0	3.388	2.935	2.001	1.020	1.880	2.709	3.151	2.795	1.819	0.9857
72.0	3.287	2.829	1.845	0.7834	1.715	2.603	3.035	2.669	1.653	0.7647
75.0	3.182	2.709	1.689	0.5675	1.579	2.477	2.930	2.563	1.517	0.5384
78.0	3.076	2.608	1.558	0.3614	1.438	2.367	2.819	2.448	1.382	0.3323
81.0	2.961	2.482	1.428	0.1904	1.307	2.251	2.704	2.337	1.251	0.1763
84.0	2.855	2.377	1.312	0.0450	1.202	2.156	2.588	2.222	1.135	0.0306
87.0	2.734	2.271	1.222	0.0151	1.101	2.040	2.462	2.106	1.040	0.0001
90.0	2.614	2.151	1.126	0.0151	1.021	1.920	2.351	1.996	0.9496	0
93.0	2.488	2.040	1.046	0.0151	0.9401	1.819	2.221	1.890	0.8692	0
96.0	2.373	1.930	0.9753	0.0201	0.8847	1.729	2.120	1.784	0.8139	0
99.0	2.247	1.733	0.9199	0.0251	0.8345	1.483	1.980	1.589	0.7638	0
102.0	2.091	1.598	0.8597	0.0302	0.7644	1.447	1.869	1.508	0.7028	0
105.0	1.981	1.553	0.7590	0.0302	0.6134	1.397	1.764	1.453	0.6007	0
108.0	1.875	1.467	0.7469	0.0302	0.5931	1.317	1.668	1.387	0.5527	0
111.0	1.769	1.402	0.7139	0.0302	0.5830	1.191	1.578	1.287	0.5227	0
114.0	1.674	1.332	0.6856	0.0302	0.5379	1.141	1.432	1.231	0.4774	0
117.0	1.588	1.256	0.6584	0.0302	0.5128	1.085	1.352	1.166	0.4573	0
120.0	1.508	1.206	0.6035	0.0302	0.4926	1.015	1.291	1.101	0.4513	0
123.0	1.428	1.151	0.5580	0.0302	0.4725	0.9548	1.226	1.030	0.4479	0
126.0	1.357	1.095	0.5178	0.0302	0.4525	0.9194	1.135	0.9601	0.4473	0
129.0	1.282	1.025	0.4825	0.0302	0.4290	0.8392	1.050	0.9048	0.4169	0
132.0	1.206	0.9143	0.4424	0.0302	0.4239	0.7739	0.9495	0.8545	0.3869	0
135.0	1.136	0.7836	0.4172	0.0452	0.4188	0.7185	0.8536	0.7793	0.3668	0
138.0	1.061	0.6782	0.3821	0.0452	0.4122	0.6785	0.7640	0.7238	0.3637	0
141.0	0.9904	0.5980	0.3570	0.0452	0.3821	0.6180	0.7084	0.6637	0.3415	0
144.0	0.9200	0.5376	0.3268	0.0552	0.3569	0.5678	0.6480	0.6183	0.3165	0
147.0	0.8546	0.4723	0.3067	0.0603	0.3418	0.5226	0.5902	0.5781	0.2989	0
150.0	0.7793	0.4269	0.2766	0.0603	0.3218	0.4874	0.5537	0.5429	0.2950	0.0100
153.0	0.7140	0.3619	0.2707	0.0603	0.2818	0.4451	0.5173	0.4877	0.2911	0.0150
156.0	0.6536	0.3215	0.2695	0.0603	0.2666	0.3969	0.4591	0.4474	0.2310	0.0201
159.0	0.5883	0.2882	0.2683	0.0603	0.2563	0.3517	0.4167	0.4072	0.2010	0.0201
162.0	0.5179	0.2311	0.2671	0.0603	0.2213	0.3064	0.3567	0.3670	0.1657	0.0251
165.0	0.4476	0.2074	0.2564	0.0603	0.1810	0.2511	0.3113	0.3168	0.1356	0.0503
168.0	0.2264	0.1967	0.2464	0.0603	0.1608	0.2010	0.2493	0.2615	0.1205	0.0503
171.0	0.1911	0.1859	0.2212	0.0603	0.1357	0.1506	0.1723	0.2061	0.1003	0.0503
174.0	0.1610	0.1506	0.2061	0.0603	0.0907	0.1155	0.0952	0.1560	0.0653	0.0553
177.0	0.1409	0.1153	0.1260	0.0603	0.0704	0.0553	0.0704	0.1157	0.0653	0.0553
180.0	0.0704	0.0653	0.0754	0.0653	0.0653	0.0603	0.0704	0.0704	0.0653	0.0603
G/C	300.0	330.0								
0.0	4.649	4.654								
3.0	4.644	4.654								
6.0	4.629	4.650								
9.0	4.608	4.646								
12.0	4.548	4.642								
15.0	4.473	4.624								
18.0	4.392	4.574								
21.0	4.301	4.508								
24.0	4.176	4.448								
27.0	4.060	4.393								
30.0	3.920	4.337								

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:

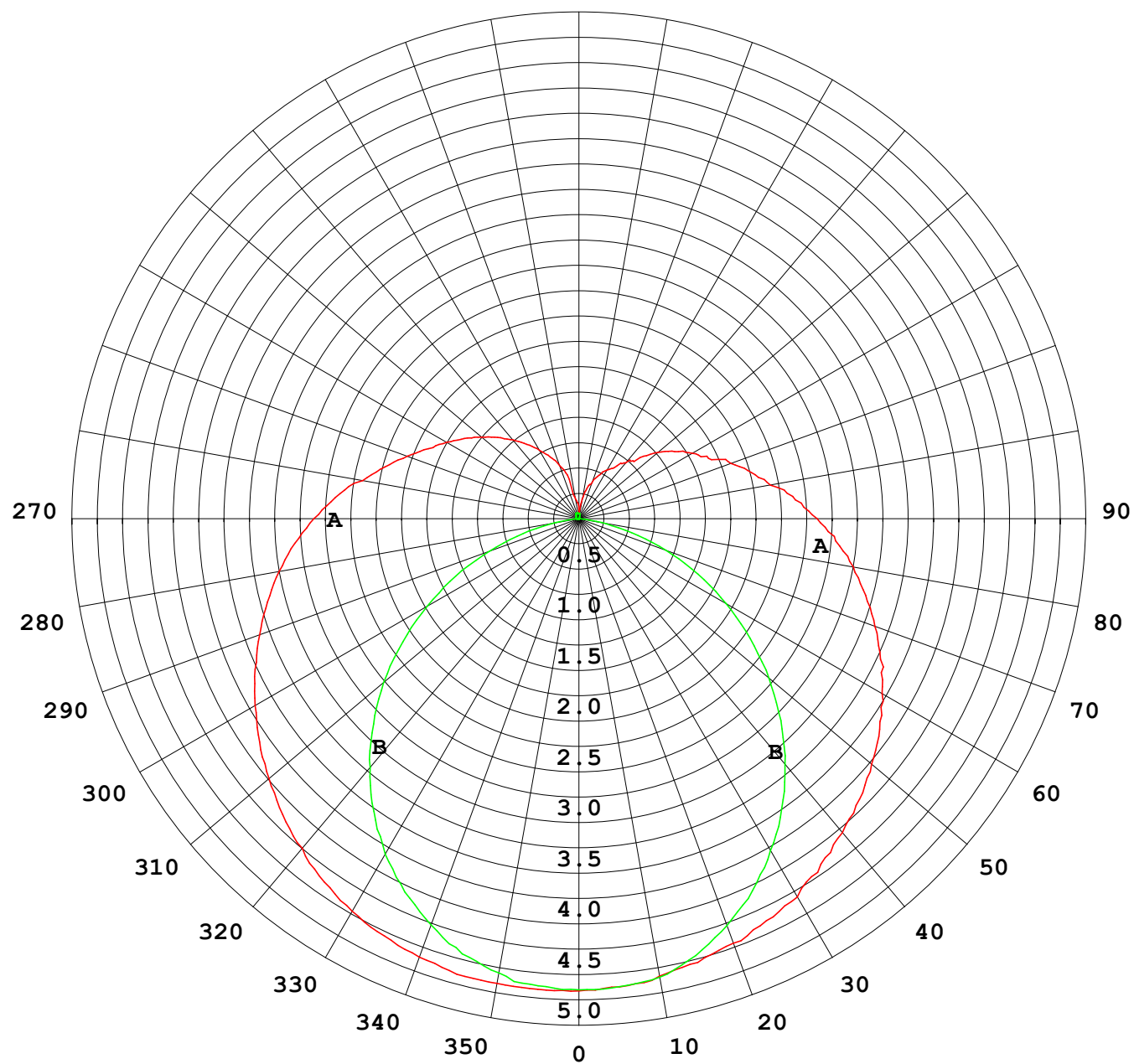
Photometric Data Table [cd]

33.0	3.784	4.262
36.0	3.653	4.192
39.0	3.513	4.106
42.0	3.382	4.016
45.0	3.241	3.915
48.0	3.100	3.805
51.0	2.939	3.689
54.0	2.774	3.579
57.0	2.618	3.473
60.0	2.437	3.352
63.0	2.271	3.242
66.0	2.100	3.121
69.0	1.939	3.006
72.0	1.779	2.890
75.0	1.633	2.780
78.0	1.497	2.669
81.0	1.367	2.558
84.0	1.256	2.448
87.0	1.156	2.332
90.0	1.075	2.222
93.0	0.9847	2.106
96.0	0.9244	2.006
99.0	0.8492	1.800
102.0	0.7888	1.649
105.0	0.7204	1.593
108.0	0.6967	1.543
111.0	0.6654	1.458
114.0	0.6186	1.387
117.0	0.5979	1.327
120.0	0.5426	1.267
123.0	0.5074	1.211
126.0	0.4572	1.151
129.0	0.4421	1.086
132.0	0.3869	0.9754
135.0	0.3617	0.8697
138.0	0.3114	0.7391
141.0	0.2853	0.6534
144.0	0.2672	0.5782
147.0	0.2360	0.5228
150.0	0.2292	0.4725
153.0	0.2224	0.4173
156.0	0.2156	0.3620
159.0	0.2069	0.3117
162.0	0.2065	0.2715
165.0	0.2062	0.2464
168.0	0.2059	0.2388
171.0	0.1608	0.2222
174.0	0.1305	0.2012
177.0	0.0603	0.1661
180.0	0.0603	0.0653

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

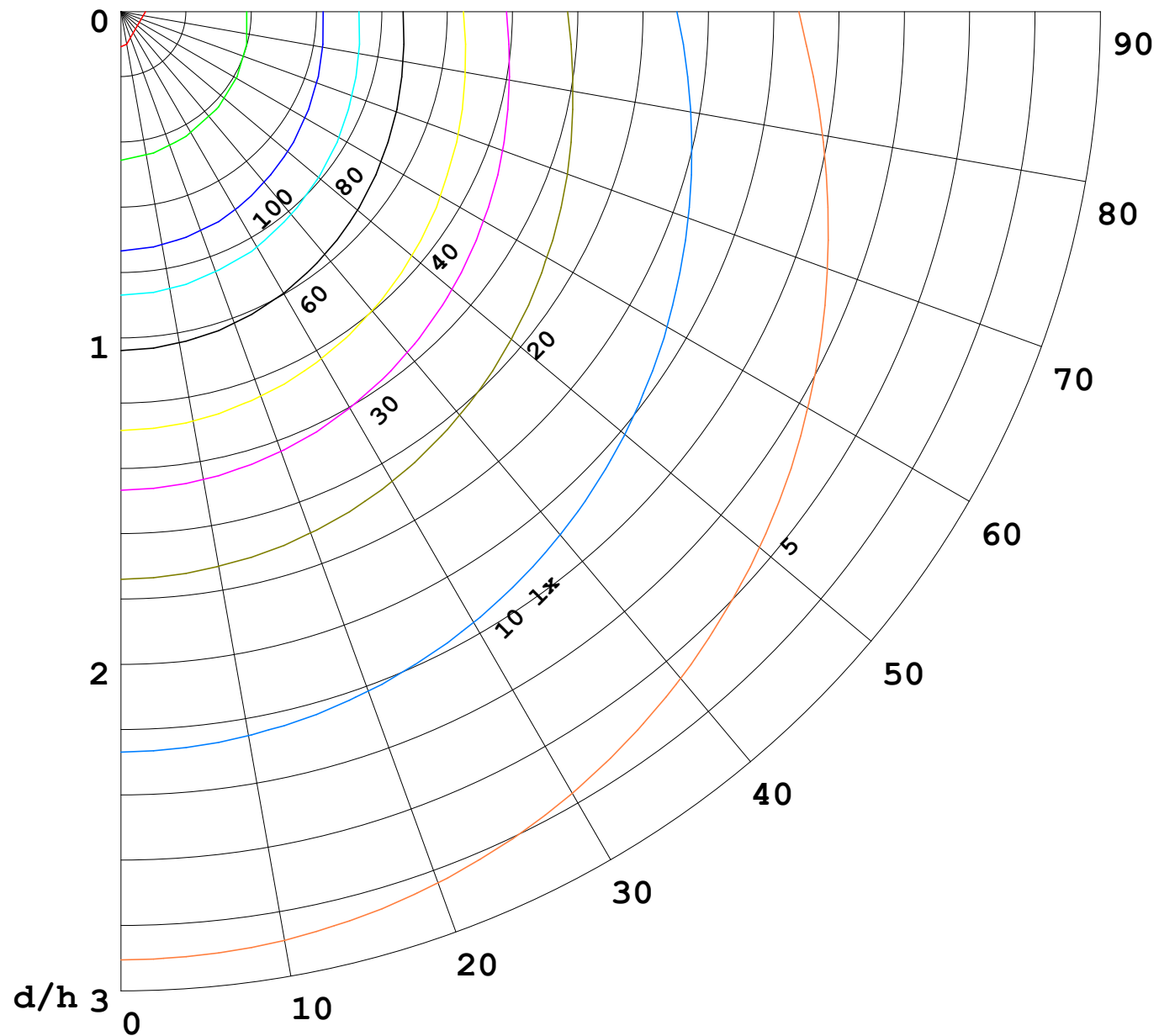
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

