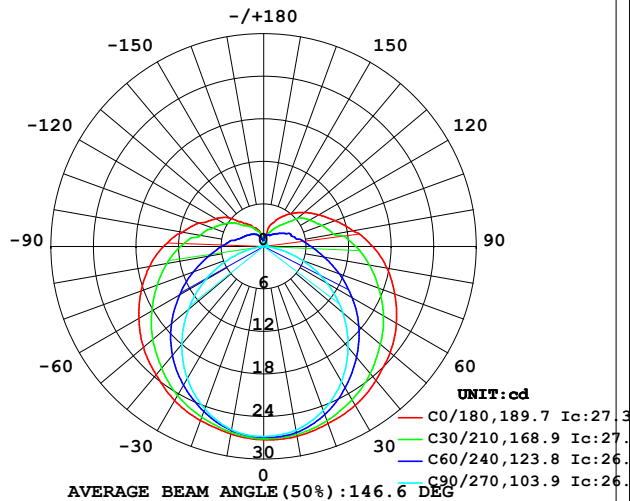


LUMINAIRE PHOTOMETRIC TEST REPORT

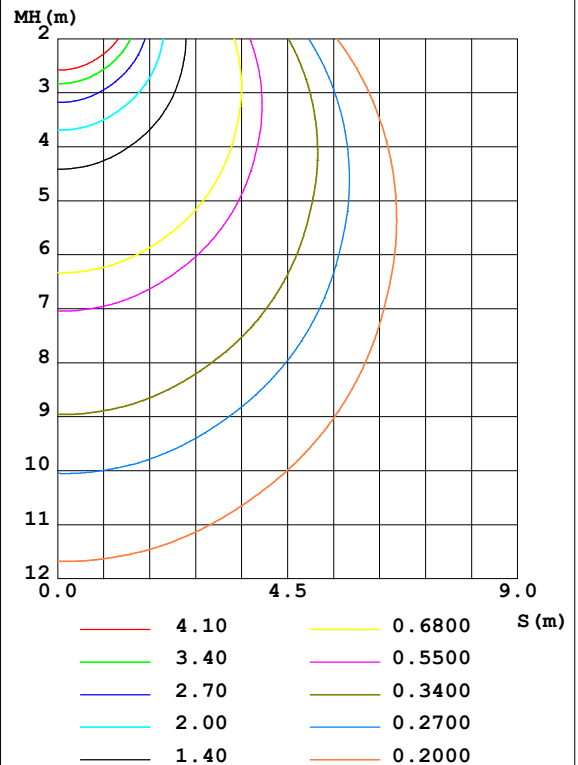
Test:U:24.00V I:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.: 2021121514
MFR.: OLYMPIA	SUR.: 1*0.016	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 8.69 lm/W
MODEL	5050	I _{max} (cd)	27.31	S/MH (C0/180)	1.38	
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.20	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	134.63	η UP, DN (C0-180)	11.6, 39.0	
NOMINAL FLUX (lm)	134.634	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.1, 38.3	
LAMPS INSIDE	1	η up (%)	22.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	24	η down (%)	77.3	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: 2021-12-15

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	27.19	26.79	26.32	26.19	26.85	26.49	26.24	26.44	0- 10	2.552	2.552	1.9,1.9
20	26.59	25.69	24.62	24.97	26.12	25.19	24.37	25.21	10- 20	7.345	9.897	7.35,7.35
30	25.87	23.98	21.99	23.26	25.11	23.45	21.55	23.52	20- 30	11.31	21.21	15.8,15.8
40	24.66	21.89	18.53	21.04	23.62	21.22	17.99	21.52	30- 40	14.10	35.31	26.2,26.2
50	23.30	19.50	14.59	18.55	22.13	18.70	13.89	19.23	40- 50	15.54	50.85	37.8,37.8
60	21.62	16.97	10.30	15.85	20.33	15.97	9.512	16.74	50- 60	15.64	66.50	49.4,49.4
70	19.68	14.34	5.871	13.21	18.41	13.30	5.104	14.16	60- 70	14.53	81.03	60.2,60.2
80	17.66	11.90	1.832	10.83	16.38	10.88	1.324	11.75	70- 80	12.60	93.63	69.5,69.5
90	15.39	9.850	0.3848	8.843	14.13	8.853	0.2560	9.727	80- 90	10.50	104.1	77.3,77.3
100	12.80	7.715	0.4273	6.908	11.66	6.940	0.2711	7.662	90-100	8.627	112.8	83.8,83.8
110	10.73	6.508	0.4454	5.449	9.762	5.564	0.2909	6.461	100-110	6.701	119.5	88.7,88.7
120	8.973	5.591	0.4725	4.578	7.854	4.695	0.3016	5.463	110-120	5.264	124.7	92.6,92.6
130	7.485	4.500	0.5026	3.847	6.279	3.890	0.3768	4.476	120-130	4.007	128.7	95.6,95.6
140	6.073	3.186	0.5328	3.051	4.231	3.061	0.4021	3.006	130-140	2.684	131.4	97.6,97.6
150	4.731	2.359	0.6124	2.490	3.384	2.528	0.5175	2.327	140-150	1.699	133.1	98.9,98.9
160	3.419	1.867	0.6031	1.897	2.553	1.895	0.5357	1.800	150-160	0.9743	134.1	99.6,99.6
170	1.418	1.540	0.5946	1.223	0.9396	1.184	0.5450	1.533	160-170	0.4456	134.5	99.9,99.9
180	0.6483	0.6207	0.5930	0.6031	0.6483	0.6232	0.5830	0.6006	170-180	0.1008	134.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 42.987 lm

%lum = 31.9%

%lamp = 31.9%

Conical surface Flux(120deg): 66.499 lm

%lum = 49.4%

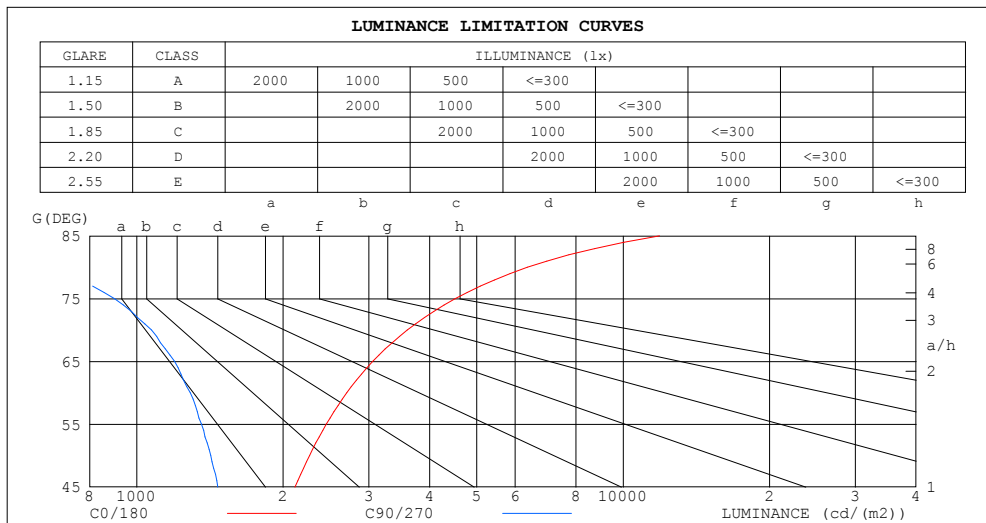
%lamp = 49.4%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



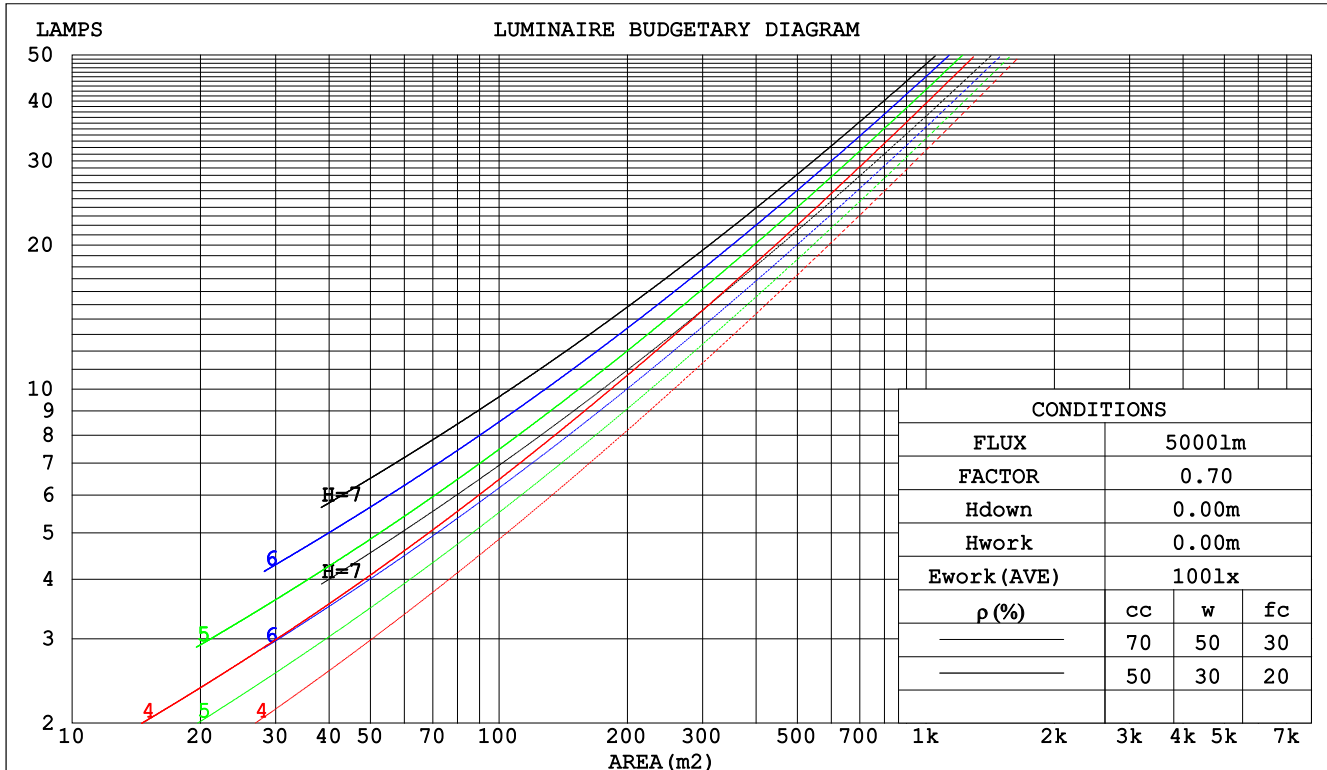
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
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	1.08	1.08	1.08	.99	.99	.99	.90	.90	.90	.81	.81	.81	.77
1.0	.94	.89	.84	.90	.85	.81	.81	.77	.74	.74	.70	.68	.66	.64	.62	.58
2.0	.81	.73	.66	.77	.70	.64	.69	.64	.59	.63	.58	.54	.56	.53	.49	.46
3.0	.70	.61	.54	.67	.58	.52	.60	.53	.48	.54	.49	.44	.49	.45	.41	.37
4.0	.61	.52	.45	.58	.50	.43	.53	.46	.40	.48	.42	.37	.43	.38	.34	.31
5.0	.54	.45	.38	.52	.43	.37	.47	.40	.34	.43	.37	.32	.39	.33	.29	.27
6.0	.49	.39	.33	.46	.38	.32	.42	.35	.30	.38	.32	.28	.35	.30	.26	.23
7.0	.44	.35	.28	.42	.34	.28	.38	.31	.26	.35	.29	.24	.32	.26	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.32	.26	.21	.29	.24	.20	.18
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.27	.22	.18	.16
10.0	.33	.25	.20	.32	.25	.20	.30	.23	.18	.27	.21	.17	.25	.20	.16	.14



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
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	.388	.221	.070	.374	.213	.068	.347	.199	.064	.323	.186	.060	.301	.174	.056		
2.0	.334	.183	.056	.321	.177	.054	.297	.165	.051	.275	.154	.048	.254	.144	.045		
3.0	.296	.157	.047	.284	.152	.046	.262	.142	.043	.242	.133	.041	.224	.124	.038		
4.0	.266	.138	.041	.255	.134	.039	.235	.125	.037	.217	.117	.035	.200	.109	.033		
5.0	.241	.123	.036	.232	.119	.035	.214	.111	.033	.197	.104	.031	.181	.097	.029		
6.0	.221	.111	.032	.212	.107	.031	.196	.100	.029	.180	.094	.028	.166	.087	.026		
7.0	.204	.101	.029	.196	.098	.028	.181	.091	.026	.166	.085	.025	.153	.080	.023		
8.0	.189	.092	.026	.182	.089	.025	.168	.084	.024	.155	.078	.023	.142	.073	.021		
9.0	.176	.085	.024	.169	.082	.023	.156	.077	.022	.144	.072	.021	.133	.067	.019		
10.0	.165	.079	.022	.158	.077	.021	.146	.072	.020	.135	.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	.363	.363	.363	.310	.310	.310	.212	.212	.212	.122	.122	.122	.039	.039	.039		
1.0	.360	.329	.302	.308	.283	.260	.211	.195	.180	.121	.113	.105	.039	.036	.034		
2.0	.353	.307	.268	.302	.264	.232	.207	.183	.162	.119	.106	.095	.038	.034	.031		
3.0	.346	.291	.247	.296	.251	.214	.203	.174	.150	.117	.102	.088	.038	.033	.029		
4.0	.338	.278	.233	.290	.240	.202	.199	.168	.142	.115	.098	.084	.037	.032	.028		
5.0	.330	.269	.223	.284	.232	.194	.195	.162	.137	.113	.095	.081	.036	.031	.027		
6.0	.323	.261	.216	.277	.226	.188	.191	.158	.133	.111	.093	.079	.036	.030	.026		
7.0	.316	.254	.211	.272	.220	.184	.188	.154	.130	.109	.091	.078	.035	.030	.026		
8.0	.309	.249	.207	.266	.216	.181	.184	.151	.128	.107	.089	.076	.035	.029	.025		
9.0	.303	.244	.204	.261	.212	.178	.181	.149	.126	.105	.088	.075	.034	.029	.025		
10.0	.297	.240	.202	.256	.208	.176	.178	.147	.125	.104	.087	.075	.034	.028	.025		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm										
NAME: SF21-24V-5050-70-DMX3-RGB					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 28mm*11.5mm			SERIAL No.:2021121514		
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	22.1	23.5	22.7	24.0	24.7	19.4	20.7	19.9	21.3	21.9
3H	25.0	26.2	25.6	26.8	27.5	20.8	22.0	21.4	22.6	23.3
4H	26.6	27.7	27.2	28.4	29.1	21.3	22.5	22.0	23.1	23.8
6H	28.4	29.4	29.0	30.1	30.8	21.7	22.8	22.3	23.4	24.2
8H	29.3	30.4	30.0	31.0	31.8	21.8	22.8	22.4	23.5	24.2
12H	30.5	31.5	31.1	32.1	32.9	21.8	22.8	22.4	23.5	24.2
4H 2H	22.7	23.8	23.3	24.4	25.2	20.7	21.9	21.3	22.5	23.2
3H	25.8	26.8	26.4	27.4	28.2	22.5	23.5	23.1	24.1	24.9
4H	27.6	28.5	28.2	29.2	30.0	23.3	24.2	23.9	24.9	25.7
6H	29.6	30.4	30.3	31.1	31.9	23.9	24.7	24.6	25.4	26.2
8H	30.7	31.4	31.4	32.2	33.0	24.1	24.8	24.8	25.5	26.4
12H	31.9	32.7	32.7	33.4	34.3	24.2	24.9	24.9	25.6	26.5
8H 4H	27.9	28.7	28.6	29.4	30.2	24.6	25.4	25.3	26.1	26.9
6H	30.2	30.9	31.0	31.6	32.5	25.6	26.3	26.4	27.0	27.9
8H	31.5	32.1	32.3	32.9	33.8	26.1	26.7	26.9	27.5	28.4
12H	33.1	33.6	33.9	34.4	35.3	26.5	27.0	27.2	27.8	28.7
12H 4H	27.9	28.6	28.6	29.4	30.2	25.0	25.8	25.8	26.5	27.3
6H	30.3	30.9	31.1	31.7	32.6	26.4	27.0	27.1	27.7	28.6
8H	31.8	32.3	32.6	33.1	34.0	27.0	27.6	27.8	28.3	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	+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 134.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.0)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

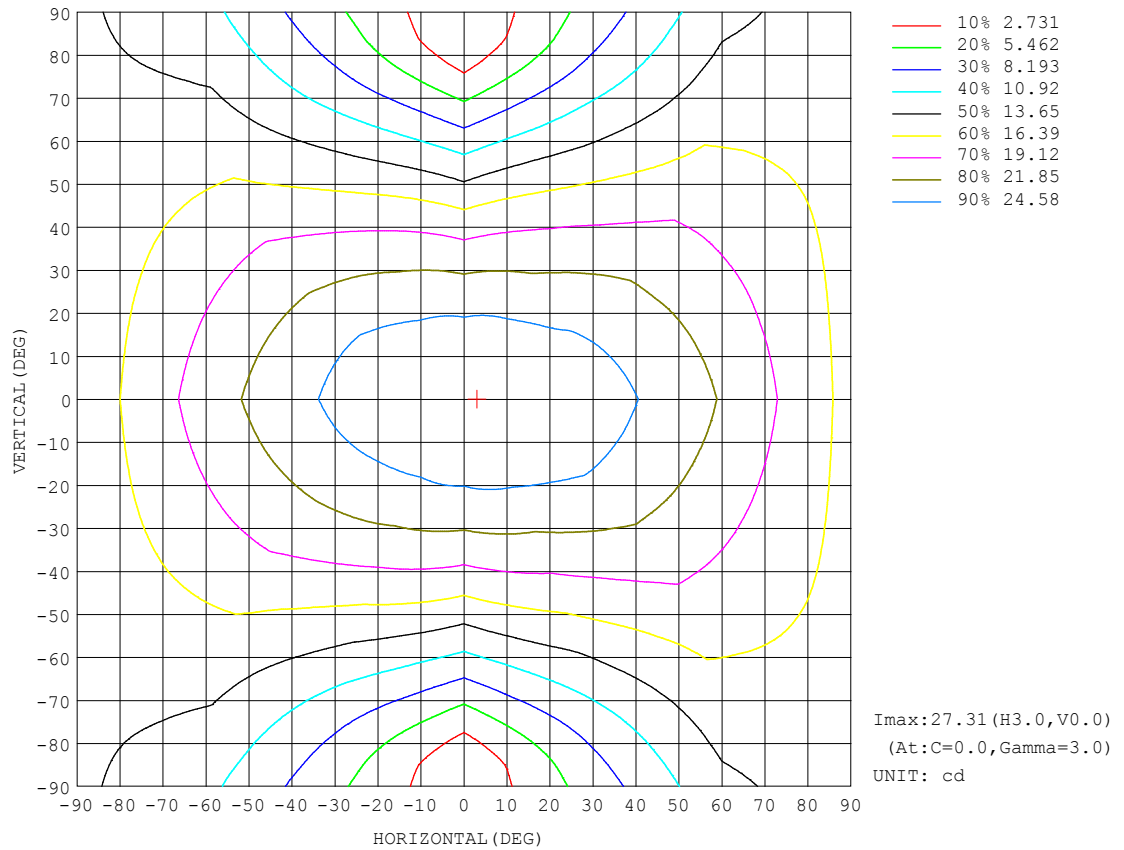
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	27	45	33	26	43	32	26	19
0.80	55	42	34	54	41	34	50	40	33	25
1.00	63	50	41	61	49	41	57	49	39	30
1.25	70	57	48	67	55	47	62	52	45	35
1.50	75	62	54	72	61	53	67	57	50	39
2.00	82	71	62	79	69	61	72	64	57	45
2.50	87	76	68	83	74	66	76	68	62	49
3.00	91	81	73	87	78	71	79	72	67	52
4.00	95	87	80	91	84	78	83	77	72	56
5.00	98	91	85	94	87	82	86	81	76	59
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:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

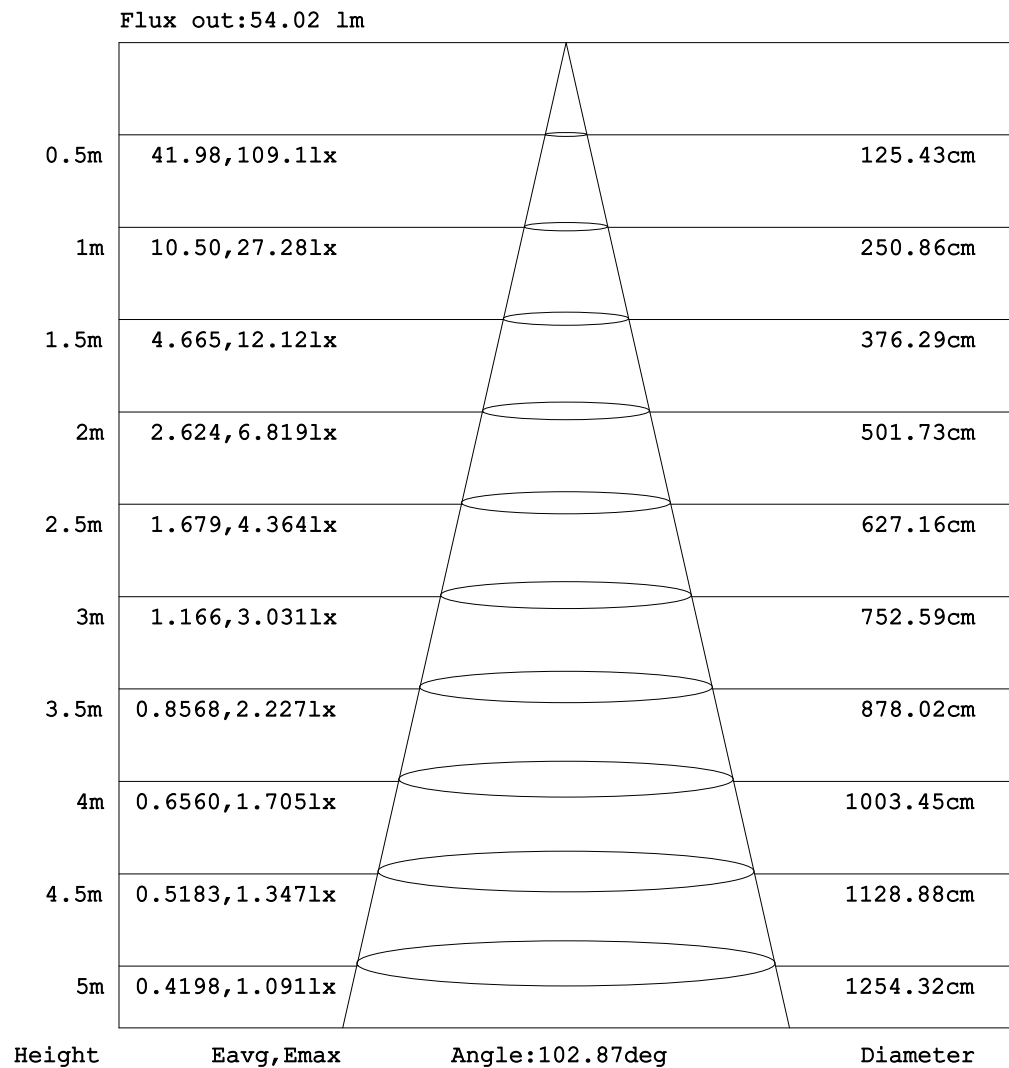


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



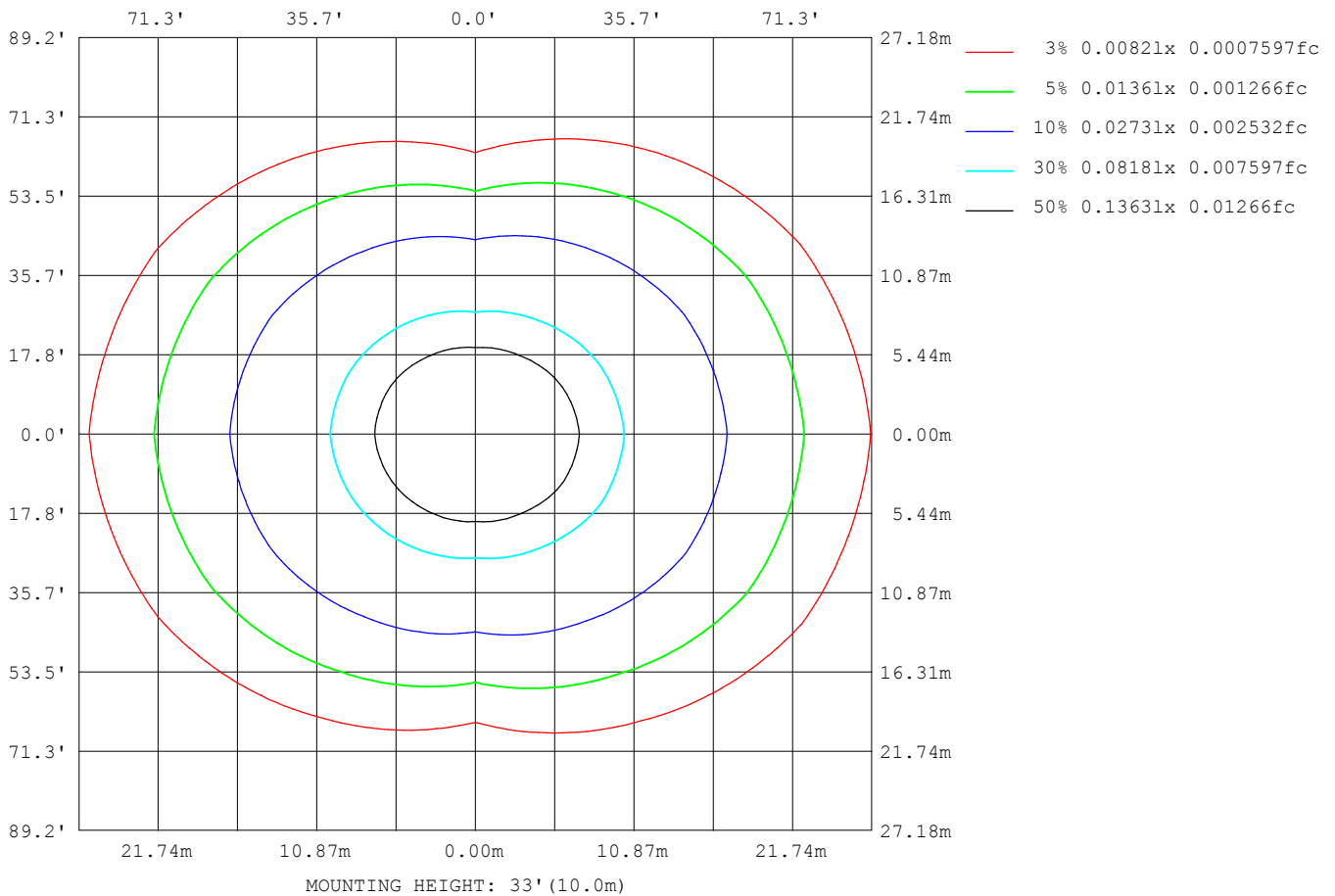
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
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:2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

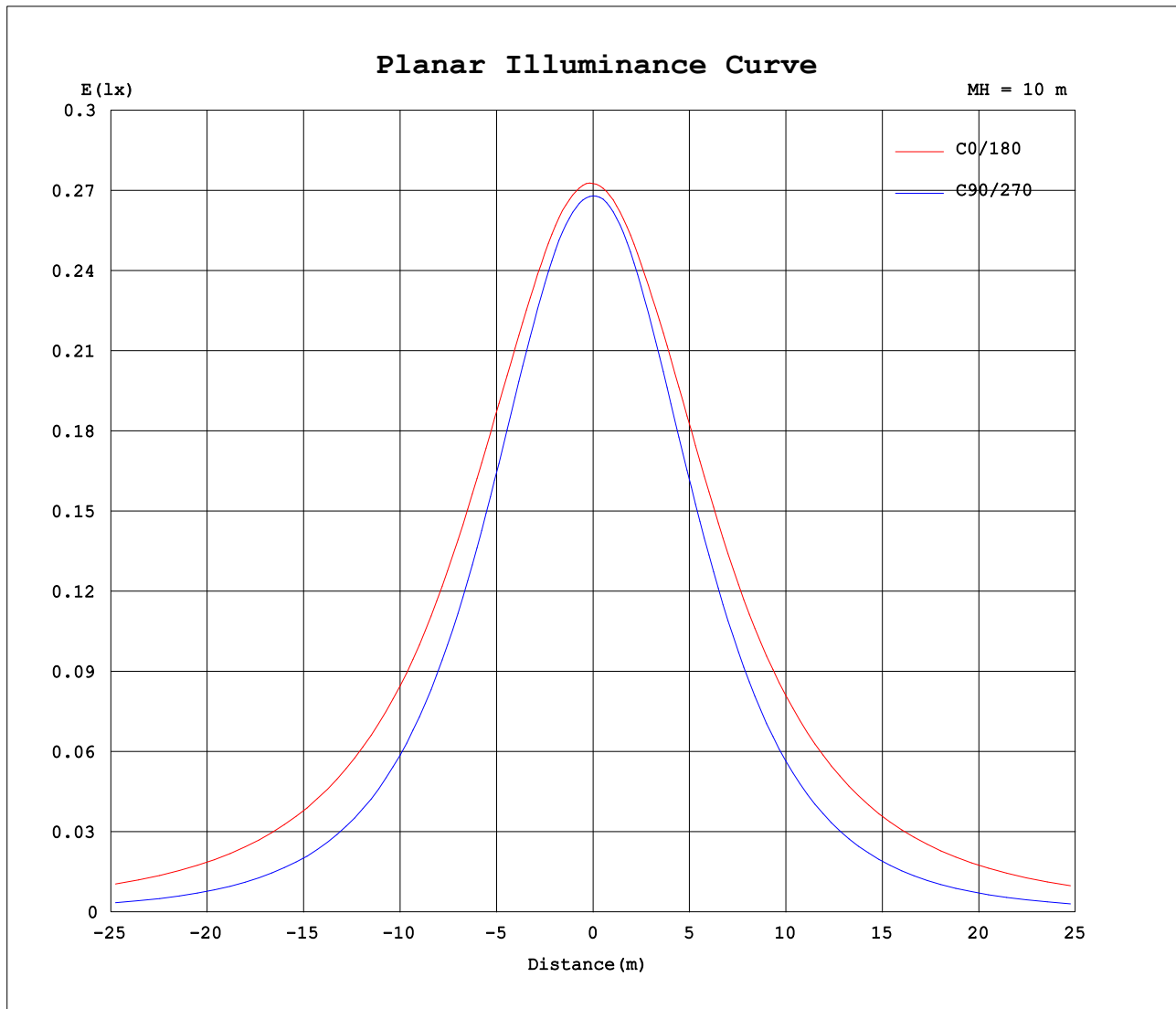
AvgL	cd/m2
L_0~180 (65) av	2961
L_0~180 (75) av	4359
L_0~180 (85) av	11423
L_90~270 (65) av	1138
L_90~270 (75) av	819
L_90~270 (85) av	281
L_45 (65) av	2248
L_45 (75) av	3073
L_45 (85) av	7573

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-15

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: 2021-12-15

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:0.6458A P:15.50W PF:1.000 Freq:50.00Hz Lamp Flux:134.634x1 lm		
NAME: SF21-24V-5050-70-DMX3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121514
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	27.3	27.1	26.9	26.8	26.7	26.7	27.3	27.1	26.9	26.8	26.7	26.7						
5	27.3	27.1	26.9	26.7	26.6	26.5	27.1	27.0	26.8	26.7	26.6	26.7						
10	27.2	26.9	26.7	26.3	26.2	26.2	26.8	26.6	26.4	26.2	26.3	26.6						
15	26.9	26.6	26.1	25.6	25.6	25.7	26.5	26.1	25.6	25.4	25.7	26.2						
20	26.6	26.2	25.2	24.6	24.7	25.2	26.1	25.6	24.7	24.4	24.8	25.6						
25	26.3	25.6	24.2	23.4	23.7	24.7	25.7	25.0	23.7	23.1	23.7	25.0						
30	25.9	25.0	23.0	22.0	22.6	23.9	25.1	24.3	22.6	21.5	22.5	24.5						
35	25.3	24.2	21.7	20.3	21.4	23.1	24.4	23.4	21.4	19.8	21.3	23.8						
40	24.7	23.4	20.4	18.5	20.0	22.1	23.6	22.4	20.0	18.0	20.1	23.0						
45	23.9	22.4	19.0	16.6	18.6	21.1	22.9	21.4	18.6	16.0	18.8	22.1						
50	23.3	21.5	17.5	14.6	17.0	20.1	22.1	20.4	17.0	13.9	17.3	21.1						
55	22.5	20.5	16.0	12.5	15.3	19.1	21.3	19.4	15.3	11.7	15.8	20.3						
60	21.6	19.5	14.4	10.3	13.7	18.0	20.3	18.2	13.7	9.51	14.2	19.3						
65	20.7	18.4	12.9	8.09	12.1	16.9	19.4	17.1	12.1	7.30	12.7	18.2						
70	19.7	17.3	11.4	5.87	10.6	15.8	18.4	16.0	10.6	5.10	11.3	17.1						
75	18.7	16.2	9.95	3.73	9.18	14.7	17.4	14.9	9.13	3.06	9.83	16.0						
80	17.7	15.2	8.66	1.83	7.94	13.7	16.4	13.9	7.87	1.32	8.54	15.0						
85	16.6	14.1	7.59	0.48	6.92	12.7	15.3	12.8	6.82	0.31	7.47	13.9						
90	15.4	13.0	6.71	0.38	6.05	11.6	14.1	11.8	5.95	0.26	6.59	12.9						
95	14.2	11.9	5.98	0.38	5.37	10.6	13.0	10.7	5.26	0.26	5.84	11.8						
100	12.8	10.0	5.43	0.43	4.90	8.91	11.7	9.11	4.77	0.27	5.29	10.0						
105	11.8	9.40	4.64	0.44	3.62	8.38	10.7	8.50	3.93	0.28	4.54	9.39						
110	10.7	8.72	4.29	0.45	3.50	7.40	9.76	7.63	3.50	0.29	4.27	8.65						
115	9.79	8.07	4.14	0.45	3.26	6.67	8.58	7.03	3.22	0.30	3.93	8.01						
120	8.97	7.51	3.68	0.47	2.91	6.25	7.85	6.40	2.99	0.30	3.49	7.43						
125	8.22	6.95	3.27	0.50	2.75	5.74	7.15	5.77	2.83	0.37	3.23	6.87						
130	7.49	6.10	2.90	0.50	2.58	5.11	6.28	5.16	2.62	0.38	2.88	6.07						
135	6.77	4.87	2.58	0.52	2.43	4.20	4.98	4.22	2.46	0.38	2.52	4.98						
140	6.07	4.05	2.32	0.53	2.32	3.78	4.23	3.84	2.29	0.40	2.21	3.80						
145	5.39	3.43	2.09	0.55	2.13	3.36	3.83	3.49	2.12	0.45	1.97	3.41						
150	4.73	2.87	1.85	0.61	1.95	3.03	3.38	3.09	1.97	0.52	1.73	2.92						
155	4.08	2.38	1.80	0.61	1.73	2.59	2.96	2.57	1.71	0.53	1.72	2.44						
160	3.42	1.95	1.78	0.60	1.55	2.24	2.55	2.28	1.51	0.54	1.67	1.93						
165	2.79	1.60	1.70	0.60	1.29	1.85	2.17	1.93	1.21	0.54	1.59	1.67						
170	1.42	1.52	1.56	0.59	1.02	1.43	0.94	1.40	0.97	0.54	1.48	1.58						
175	1.13	1.31	1.33	0.59	0.74	0.92	0.87	1.03	0.77	0.55	1.29	1.38						
180	0.65	0.62	0.62	0.59	0.59	0.61	0.65	0.64	0.61	0.58	0.59	0.61						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-15

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	27.26	27.13	26.93	26.80	26.72	26.66	27.26	27.13	26.93	26.80
3.0	27.31	27.12	26.93	26.75	26.69	26.57	27.20	27.06	26.85	26.79
6.0	27.27	27.07	26.88	26.63	26.54	26.44	27.08	26.91	26.70	26.64
9.0	27.24	26.98	26.73	26.41	26.31	26.24	26.91	26.72	26.45	26.37
12.0	27.10	26.83	26.46	26.04	25.98	26.01	26.70	26.46	26.10	25.95
15.0	26.92	26.62	26.05	25.59	25.56	25.73	26.48	26.14	25.65	25.43
18.0	26.72	26.35	25.59	25.04	25.07	25.43	26.26	25.85	25.13	24.82
21.0	26.52	26.05	25.05	24.41	24.52	25.14	26.05	25.51	24.56	24.12
24.0	26.34	25.69	24.42	23.68	23.91	24.78	25.78	25.16	23.95	23.33
27.0	26.12	25.32	23.75	22.86	23.28	24.38	25.47	24.74	23.29	22.47
30.0	25.87	24.96	23.01	21.99	22.60	23.93	25.11	24.30	22.61	21.55
33.0	25.56	24.54	22.24	21.02	21.88	23.41	24.69	23.78	21.90	20.54
36.0	25.21	24.07	21.47	19.96	21.12	22.86	24.23	23.22	21.14	19.49
39.0	24.79	23.57	20.66	18.92	20.31	22.25	23.76	22.59	20.33	18.36
42.0	24.35	23.04	19.84	17.81	19.45	21.66	23.34	21.98	19.48	17.19
45.0	23.94	22.44	19.01	16.62	18.55	21.09	22.93	21.41	18.57	16.00
48.0	23.58	21.85	18.13	15.42	17.61	20.53	22.46	20.82	17.64	14.73
51.0	23.15	21.30	17.23	14.18	16.65	19.93	21.98	20.21	16.67	13.46
54.0	22.68	20.74	16.31	12.90	15.64	19.30	21.45	19.58	15.67	12.18
57.0	22.18	20.16	15.36	11.62	14.65	18.64	20.89	18.91	14.68	10.86
60.0	21.62	19.52	14.41	10.30	13.72	17.98	20.33	18.22	13.72	9.512
63.0	21.05	18.85	13.44	8.962	12.78	17.32	19.76	17.55	12.78	8.196
66.0	20.47	18.20	12.57	7.625	11.85	16.67	19.19	16.89	11.83	6.849
69.0	19.88	17.50	11.68	6.299	10.91	16.02	18.60	16.22	10.91	5.542
72.0	19.30	16.86	10.81	4.962	10.01	15.37	18.00	15.58	9.988	4.261
75.0	18.70	16.23	9.949	3.726	9.180	14.74	17.40	14.93	9.134	3.059
78.0	18.08	15.58	9.150	2.535	8.401	14.13	16.80	14.29	8.350	1.938
81.0	17.45	14.93	8.431	1.525	7.717	13.51	16.17	13.66	7.647	1.038
84.0	16.80	14.32	7.777	0.7014	7.099	12.89	15.51	13.04	7.014	0.3587
87.0	16.12	13.66	7.214	0.3976	6.561	12.27	14.83	12.39	6.466	0.2515
90.0	15.39	12.99	6.706	0.3848	6.053	11.63	14.13	11.76	5.949	0.2560
93.0	14.68	12.35	6.243	0.3719	5.620	11.02	13.45	11.12	5.502	0.2605
96.0	13.99	11.74	5.856	0.3820	5.263	10.44	12.78	10.52	5.135	0.2651
99.0	13.08	10.26	5.524	0.4023	4.977	9.976	11.85	9.220	4.849	0.2696
102.0	12.38	9.784	5.079	0.4309	4.221	8.724	11.26	8.891	4.238	0.2752
105.0	11.76	9.402	4.644	0.4364	3.619	8.382	10.67	8.499	3.932	0.2813
108.0	11.13	9.000	4.514	0.4418	3.545	7.987	10.11	8.008	3.643	0.2874
111.0	10.53	8.588	4.178	0.4473	3.479	7.241	9.424	7.539	3.432	0.2926
114.0	9.968	8.186	4.222	0.4523	3.312	6.794	8.728	7.173	3.261	0.2978
117.0	9.456	7.829	4.091	0.4624	3.112	6.482	8.276	6.776	3.136	0.3030
120.0	8.973	7.508	3.675	0.4725	2.911	6.246	7.854	6.399	2.991	0.3016
123.0	8.515	7.161	3.454	0.4875	2.810	5.965	7.447	6.027	2.893	0.3316
126.0	8.068	6.819	3.192	0.4925	2.749	5.608	7.004	5.640	2.728	0.3728
129.0	7.631	6.345	2.961	0.4976	2.634	5.246	6.506	5.313	2.628	0.3758
132.0	7.194	5.591	2.760	0.5176	2.543	4.843	5.777	4.821	2.548	0.3788
135.0	6.771	4.869	2.584	0.5177	2.433	4.200	4.984	4.218	2.457	0.3819
138.0	6.359	4.321	2.428	0.5277	2.387	3.935	4.661	3.986	2.362	0.3920
141.0	5.937	3.904	2.272	0.5353	2.272	3.744	4.181	3.780	2.271	0.4070
144.0	5.525	3.562	2.141	0.5478	2.157	3.482	3.934	3.559	2.156	0.4402
147.0	5.123	3.215	1.991	0.5782	2.076	3.256	3.688	3.338	2.040	0.4642
150.0	4.731	2.869	1.850	0.6124	1.946	3.035	3.384	3.086	1.969	0.5175
153.0	4.349	2.552	1.794	0.6102	1.820	2.768	2.706	2.745	1.824	0.5217
156.0	3.887	2.301	1.796	0.6081	1.694	2.512	2.889	2.518	1.648	0.5277
159.0	3.524	2.035	1.783	0.6043	1.583	2.286	2.598	2.328	1.543	0.5337
162.0	3.193	1.764	1.754	0.6006	1.463	2.120	2.442	2.182	1.381	0.5375
165.0	2.791	1.598	1.699	0.5968	1.292	1.849	2.169	1.926	1.211	0.5403
168.0	1.519	1.578	1.603	0.5951	1.111	1.593	1.170	1.519	1.045	0.5431
171.0	1.353	1.492	1.508	0.5944	0.9605	1.316	0.9249	1.357	0.9297	0.5459
174.0	1.182	1.357	1.378	0.5937	0.8299	0.9944	0.9192	1.101	0.8435	0.5492
177.0	1.011	1.205	1.117	0.5930	0.6184	0.7528	0.7834	0.9053	0.6081	0.5528
180.0	0.6483	0.6232	0.6182	0.5930	0.5930	0.6131	0.6483	0.6383	0.6081	0.5830
G/C	300.0	330.0								
0.0	26.72	26.66								
3.0	26.70	26.68								
6.0	26.61	26.66								
9.0	26.42	26.60								
12.0	26.11	26.43								
15.0	25.69	26.17								
18.0	25.19	25.85								
21.0	24.62	25.49								
24.0	23.98	25.17								
27.0	23.25	24.83								
30.0	22.53	24.51								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-15

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:

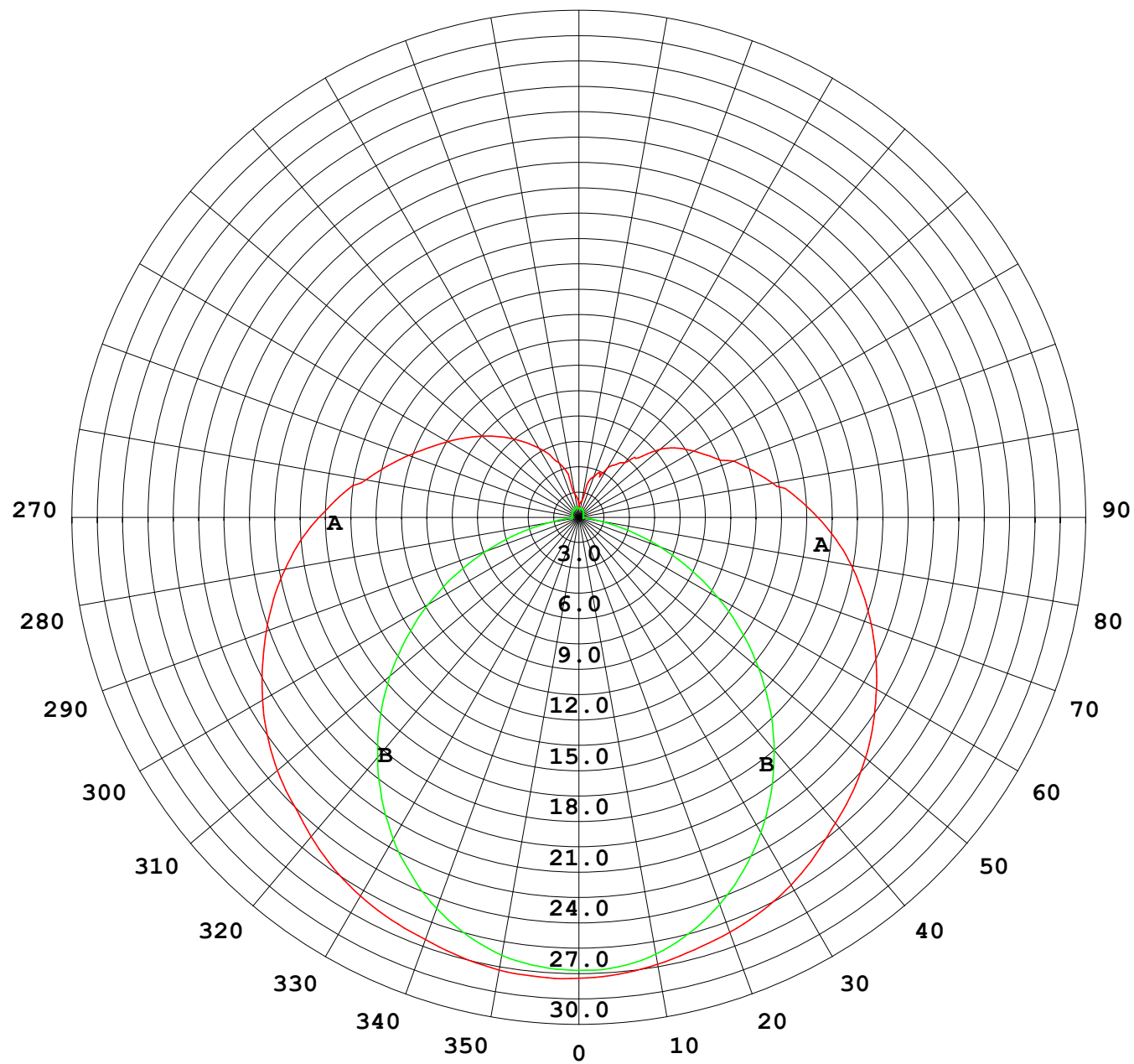
Photometric Data Table [cd]

33.0	21.81	24.12
36.0	21.06	23.66
39.0	20.31	23.17
42.0	19.56	22.65
45.0	18.77	22.08
48.0	17.91	21.50
51.0	17.03	20.97
54.0	16.12	20.44
57.0	15.18	19.86
60.0	14.24	19.25
63.0	13.28	18.63
66.0	12.41	17.93
69.0	11.56	17.29
72.0	10.68	16.68
75.0	9.833	16.02
78.0	9.034	15.40
81.0	8.305	14.78
84.0	7.657	14.15
87.0	7.090	13.55
90.0	6.587	12.87
93.0	6.120	12.22
96.0	5.723	11.65
99.0	5.387	10.19
102.0	5.018	9.811
105.0	4.538	9.394
108.0	4.458	8.952
111.0	4.307	8.510
114.0	3.880	8.128
117.0	3.816	7.781
120.0	3.493	7.434
123.0	3.401	7.092
126.0	3.166	6.760
129.0	2.949	6.269
132.0	2.738	5.377
135.0	2.517	4.982
138.0	2.326	4.414
141.0	2.171	3.735
144.0	2.030	3.513
147.0	1.869	3.232
150.0	1.734	2.921
153.0	1.727	2.584
156.0	1.721	2.333
159.0	1.683	2.036
162.0	1.643	1.780
165.0	1.588	1.669
168.0	1.523	1.634
171.0	1.437	1.558
174.0	1.326	1.433
177.0	1.084	1.257
180.0	0.5880	0.6131

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-15

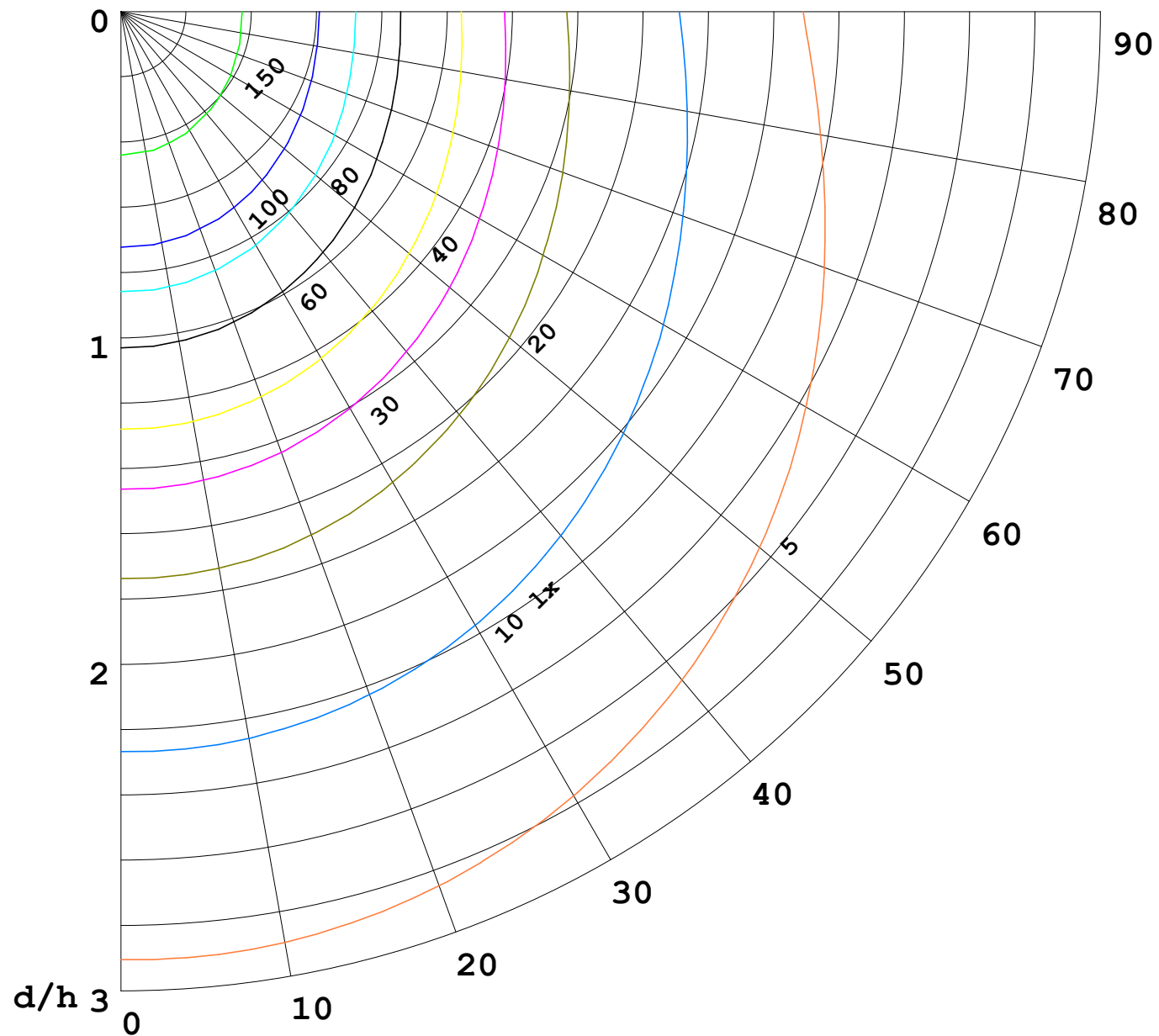
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

