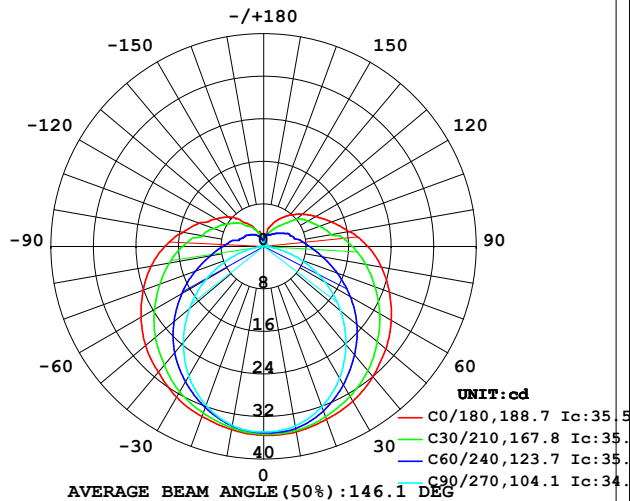


LUMINAIRE PHOTOMETRIC TEST REPORT

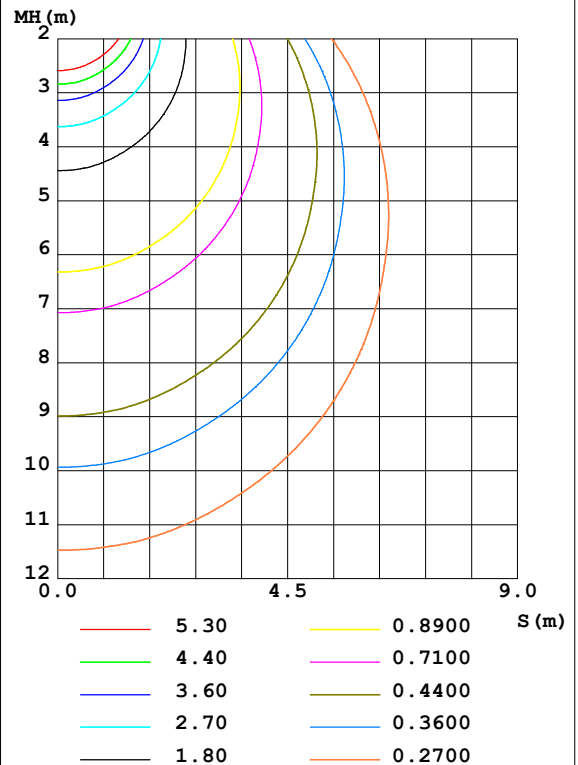
Test:U:24.00V I:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.60 lm/W			
MODEL	5050	I _{max} (cd)	35.55	S/MH (C0/180)	1.38
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	175.27	η UP, DN (C0-180)	11.5, 38.8
NOMINAL FLUX (lm)	175.27	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.2, 38.5
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: 2021-12-13

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	35.40	34.95	34.27	34.04	34.98	34.47	34.16	34.52	0- 10	3.323	3.323	1.9,1.9
20	34.61	33.49	32.06	32.43	34.03	32.77	31.80	33.04	10- 20	9.571	12.89	7.36,7.36
30	33.58	31.27	28.58	30.17	32.76	30.50	28.16	30.87	20- 30	14.74	27.63	15.8,15.8
40	31.98	28.54	24.07	27.25	30.85	27.58	23.53	28.29	30- 40	18.38	46.01	26.3,26.3
50	30.00	25.39	18.90	24.01	28.99	24.31	18.24	25.28	40- 50	20.25	66.26	37.8,37.8
60	27.70	22.01	13.30	20.52	26.63	20.76	12.58	21.98	50- 60	20.35	86.61	49.4,49.4
70	25.16	18.52	7.529	17.07	24.14	17.27	6.925	18.56	60- 70	18.88	105.5	60.2,60.2
80	22.50	15.34	2.349	13.98	21.50	14.12	1.968	15.41	70- 80	16.36	121.9	69.5,69.5
90	19.58	12.69	0.5289	11.39	18.59	11.48	0.3479	12.78	80- 90	13.61	135.5	77.3,77.3
100	16.27	9.909	0.5731	8.964	15.43	8.961	0.3968	9.972	90-100	11.21	146.7	83.7,83.7
110	13.54	8.414	0.6141	7.176	12.89	7.175	0.4483	8.536	100-110	8.712	155.4	88.7,88.7
120	11.32	7.235	0.6484	6.018	10.42	6.185	0.4623	7.184	110-120	6.853	162.2	92.6,92.6
130	9.466	5.902	0.6886	5.035	8.627	5.192	0.5269	5.851	120-130	5.240	167.5	95.6,95.6
140	7.697	4.251	0.7288	4.082	6.088	4.024	0.5981	4.083	130-140	3.604	171.1	97.6,97.6
150	5.997	3.216	0.8053	3.106	4.471	3.166	0.7136	2.976	140-150	2.227	173.3	98.9,98.9
160	4.268	2.545	0.8105	2.264	2.841	2.284	0.7725	2.377	150-160	1.250	174.6	99.6,99.6
170	1.911	2.096	0.8156	1.420	1.587	1.563	0.7775	2.097	160-170	0.5700	175.1	99.9,99.9
180	0.8745	0.8569	0.8192	0.8242	0.8745	0.8493	0.7941	0.8142	170-180	0.1348	175.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 56.011 lm

%lum = 32.0%

%lamp = 32.0%

Conical surface Flux(120deg): 86.615 lm

%lum = 49.4%

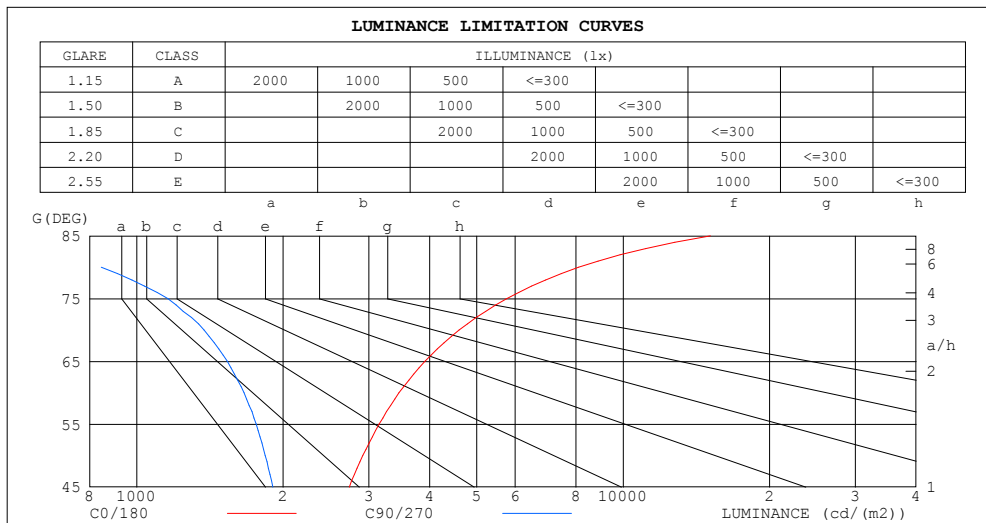
%lamp = 49.4%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	15114	493
80	8098	845
75	5762	1159
70	4597	1376
65	3911	1536
60	3462	1663
55	3150	1760
50	2917	1838
45	2736	1905

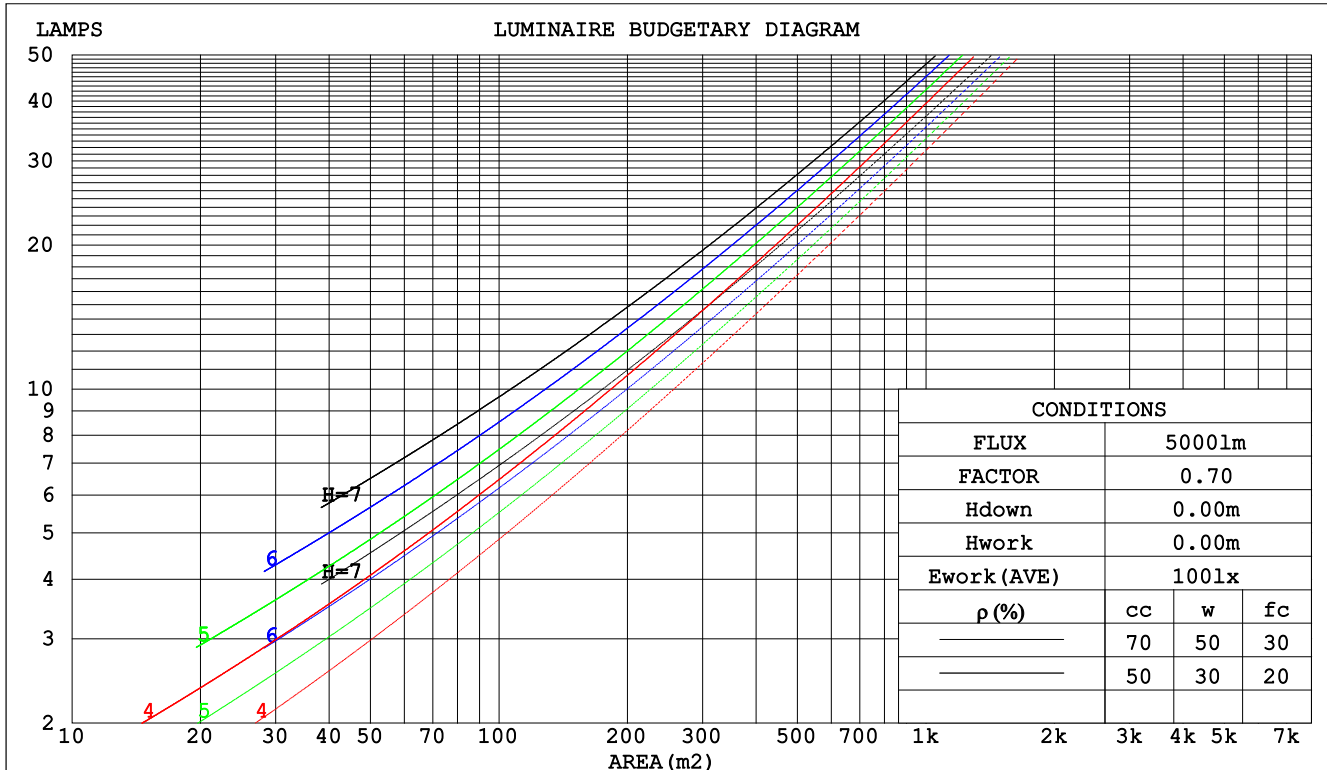
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
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	.98	.98	.98	.89	.89	.89	.81	.81	.81	.77
1.0	.94	.89	.84	.90	.85	.81	.81	.77	.74	.73	.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	.29	.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:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
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	.387	.220	.070	.373	.213	.068	.347	.199	.064	.322	.186	.060	.300	.174	.056		
2.0	.333	.183	.056	.321	.177	.054	.297	.165	.051	.275	.154	.048	.254	.144	.045		
3.0	.295	.157	.047	.284	.152	.046	.262	.142	.043	.242	.133	.041	.223	.124	.038		
4.0	.266	.138	.041	.255	.133	.039	.235	.125	.037	.217	.116	.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	.097	.028	.181	.091	.026	.166	.085	.025	.153	.080	.023		
8.0	.189	.092	.026	.181	.089	.025	.168	.084	.024	.154	.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	.076	.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	.311	.311	.311	.212	.212	.212	.122	.122	.122	.039	.039	.039		
1.0	.360	.330	.303	.308	.283	.260	.211	.195	.180	.121	.113	.105	.039	.036	.034		
2.0	.353	.307	.269	.303	.265	.232	.207	.183	.162	.120	.106	.095	.038	.034	.031		
3.0	.346	.291	.247	.297	.251	.214	.204	.174	.150	.118	.102	.089	.038	.033	.029		
4.0	.338	.279	.233	.290	.241	.203	.200	.168	.143	.115	.098	.084	.037	.032	.028		
5.0	.331	.269	.224	.284	.233	.194	.196	.163	.137	.113	.095	.081	.037	.031	.027		
6.0	.323	.261	.217	.278	.226	.189	.192	.158	.133	.111	.093	.079	.036	.030	.026		
7.0	.316	.255	.211	.272	.221	.184	.188	.155	.131	.109	.091	.078	.035	.030	.026		
8.0	.309	.249	.208	.266	.216	.181	.184	.152	.128	.107	.089	.077	.035	.029	.025		
9.0	.303	.244	.205	.261	.212	.178	.181	.149	.127	.105	.088	.076	.034	.029	.025		
10.0	.297	.240	.202	.256	.209	.176	.178	.147	.125	.104	.087	.075	.034	.029	.025		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm										
NAME: SF21-24V-5050-70-SPI3-RGB					TYPE: 硅胶			WEIGHT:		
SPEC.:					DIM.: 28mm*11.5mm			SERIAL No.:2021121314		
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	23.4	22.6	24.0	24.6	19.4	20.7	19.9	21.3	21.9
3H	24.9	26.1	25.5	26.7	27.4	20.8	22.0	21.4	22.6	23.3
4H	26.5	27.6	27.1	28.2	29.0	21.3	22.5	21.9	23.1	23.8
6H	28.2	29.3	28.9	30.0	30.7	21.7	22.7	22.3	23.4	24.1
8H	29.2	30.3	29.9	30.9	31.7	21.7	22.8	22.4	23.4	24.2
12H	30.3	31.4	31.0	32.0	32.8	21.7	22.8	22.4	23.4	24.2
4H 2H	22.6	23.8	23.2	24.4	25.1	20.7	21.8	21.3	22.5	23.2
3H	25.7	26.7	26.3	27.4	28.1	22.4	23.5	23.1	24.1	24.9
4H	27.5	28.4	28.1	29.1	29.9	23.2	24.2	23.9	24.8	25.6
6H	29.4	30.3	30.2	31.0	31.8	23.8	24.6	24.5	25.4	26.2
8H	30.6	31.3	31.3	32.0	32.9	24.0	24.8	24.7	25.5	26.4
12H	31.8	32.5	32.5	33.3	34.1	24.1	24.8	24.9	25.6	26.4
8H 4H	27.8	28.6	28.5	29.3	30.1	24.5	25.3	25.2	26.0	26.9
6H	30.1	30.8	30.8	31.5	32.4	25.6	26.2	26.3	27.0	27.9
8H	31.4	32.0	32.2	32.8	33.7	26.1	26.6	26.8	27.4	28.3
12H	33.0	33.5	33.7	34.3	35.2	26.4	26.9	27.2	27.7	28.6
12H 4H	27.8	28.5	28.5	29.3	30.1	25.0	25.7	25.7	26.4	27.3
6H	30.2	30.8	31.0	31.6	32.5	26.3	26.9	27.1	27.7	28.6
8H	31.7	32.2	32.4	33.0	33.9	27.0	27.5	27.8	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, 175.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.1)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

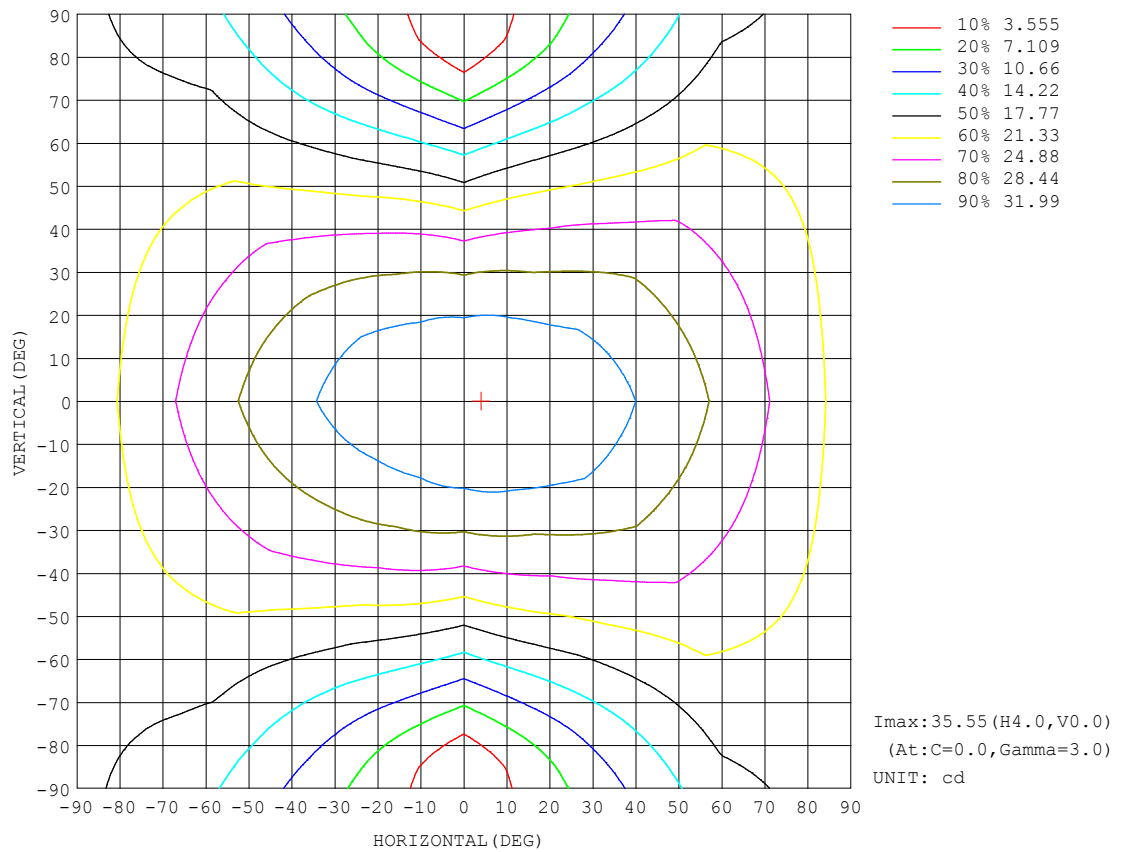
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	27	45	33	26	43	32	26	19
0.80	55	42	34	54	41	34	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	53	45	35
1.50	75	62	54	72	61	53	67	57	50	39
2.00	82	71	62	79	69	61	73	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	88	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:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

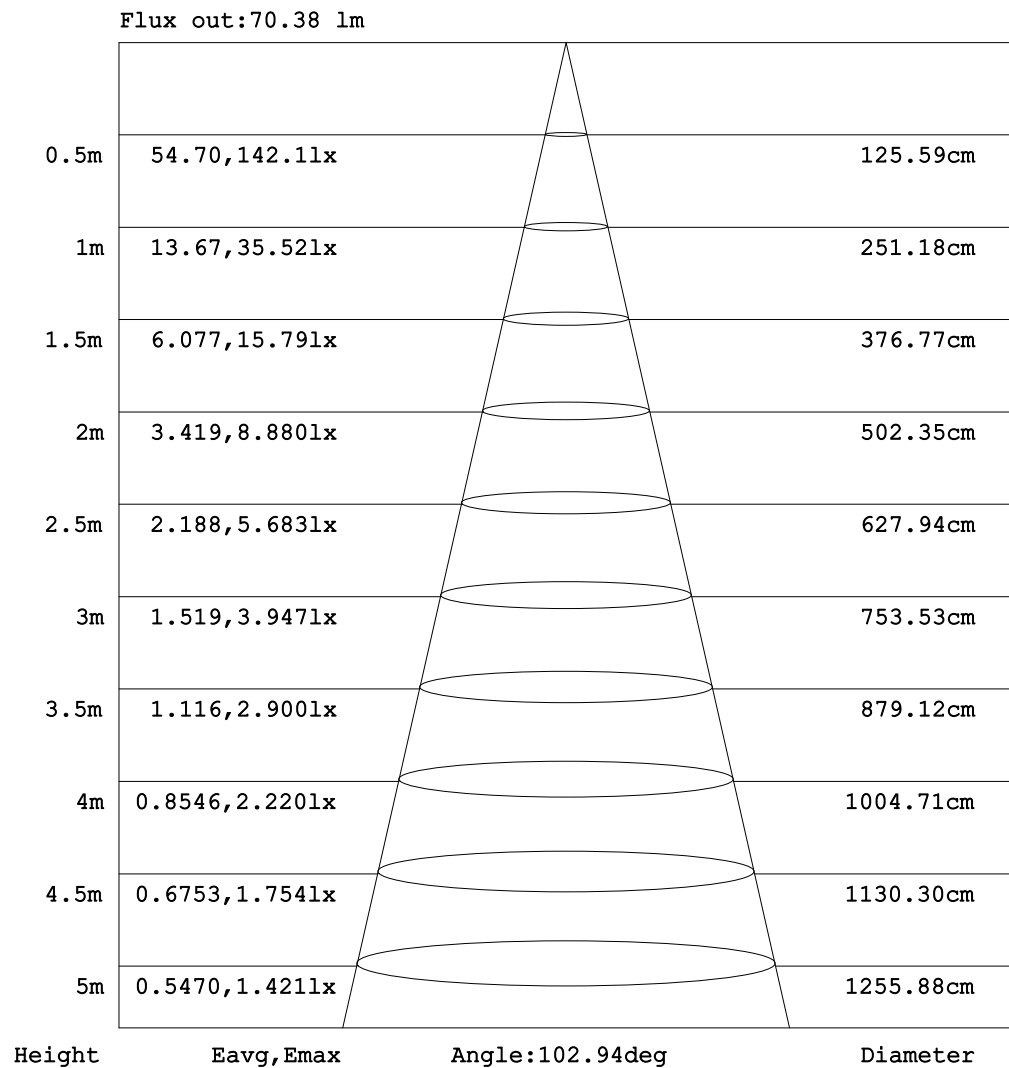


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:



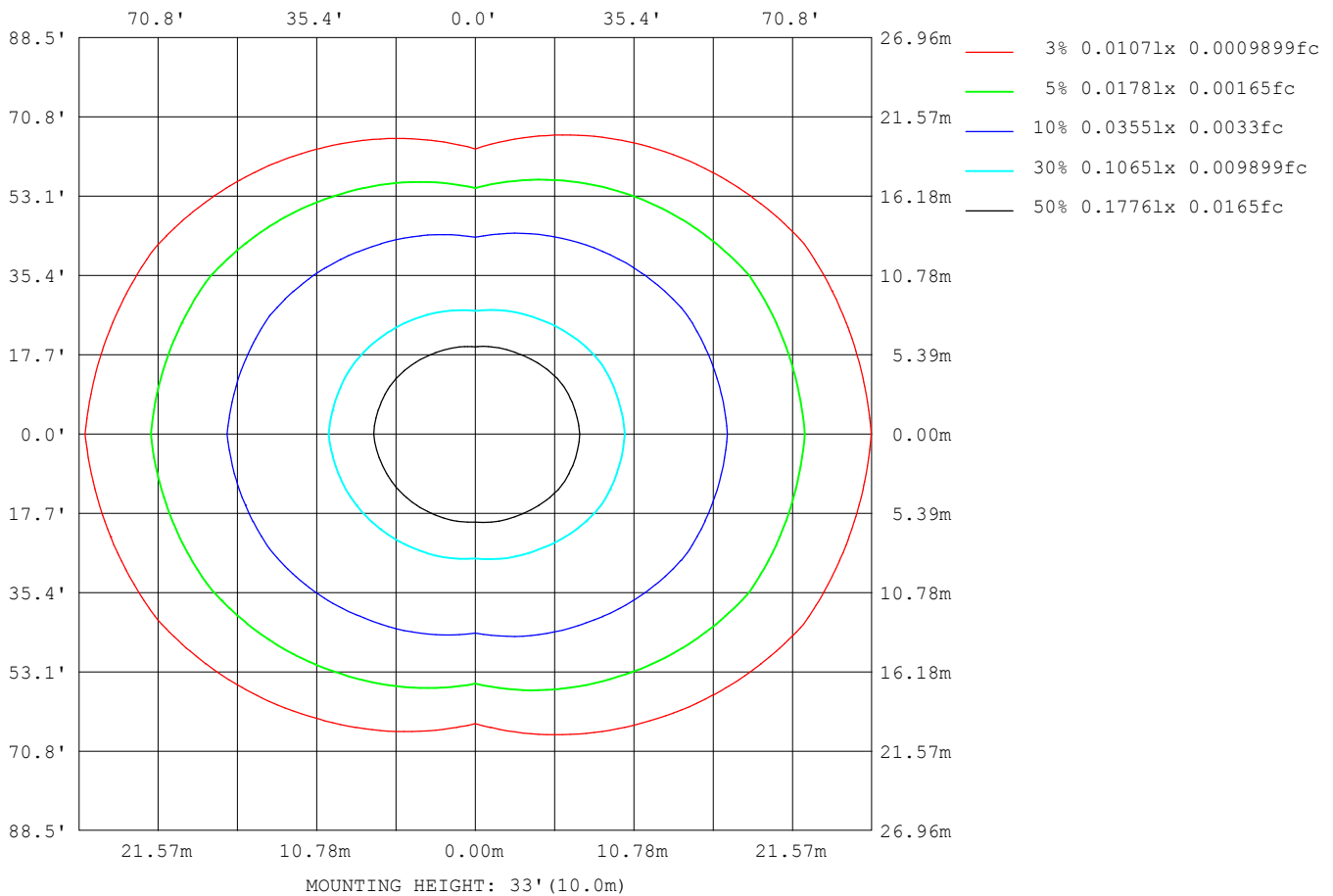
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
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:2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
MFR.: OLYMPIA	SUR.:1*0.016	Shielding Angle:

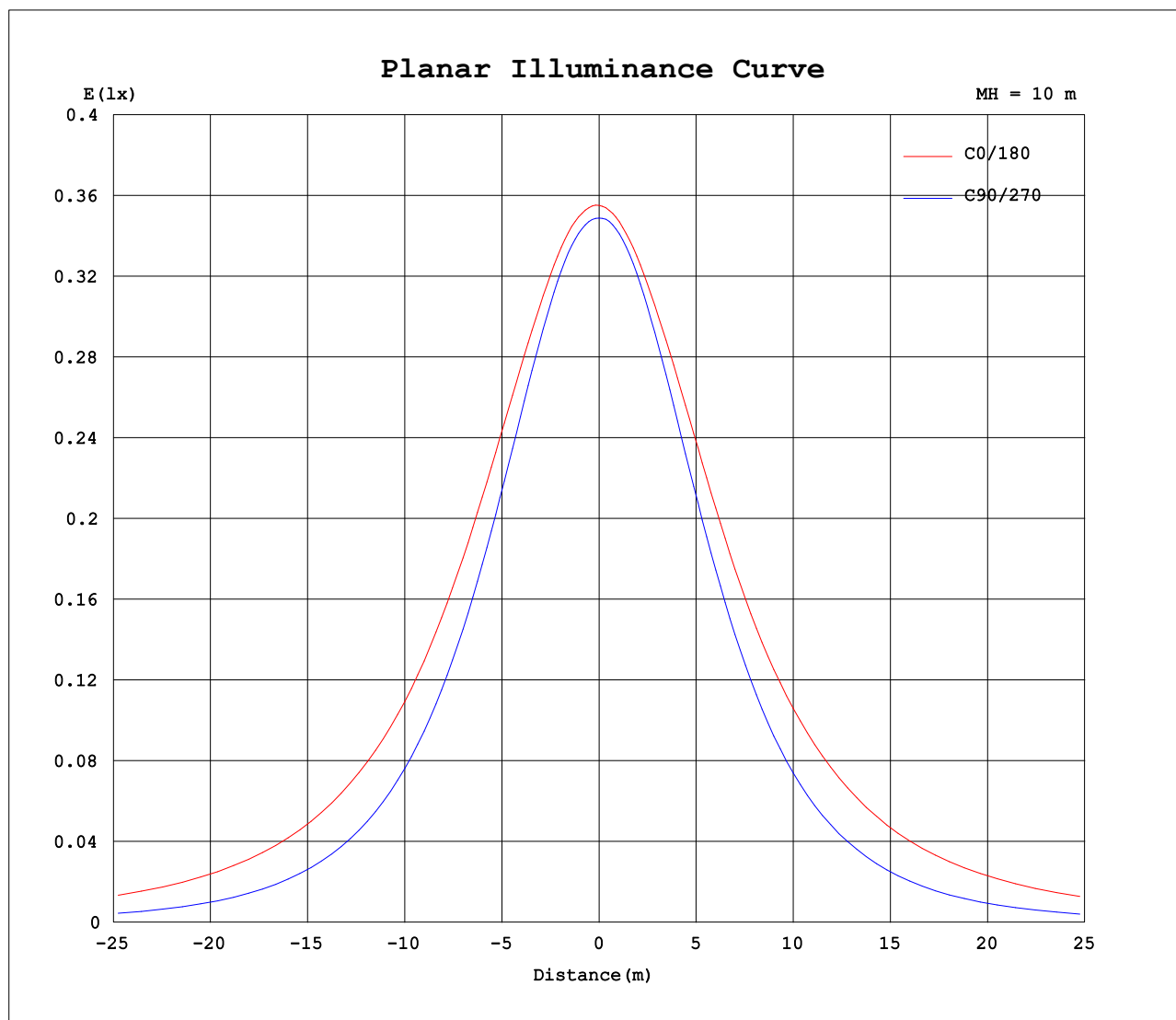
AvgL	cd/m2
L_0~180 (65) av	3833
L_0~180 (75) av	5638
L_0~180 (85) av	14762
L_90~270 (65) av	1487
L_90~270 (75) av	1095
L_90~270 (85) av	411
L_45 (65) av	2923
L_45 (75) av	3986
L_45 (85) av	9818

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-13

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: 2021-12-13

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:0.5794A P:13.91W PF:1.000 Freq:50.00Hz Lamp Flux:175.27x1 lm		
NAME: SF21-24V-5050-70-SPI3-RGB	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 28mm*11.5mm	SERIAL No.:2021121314
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	35.5	35.3	35.1	34.9	34.8	34.7	35.5	35.3	35.1	34.9	34.8	34.7						
5	35.5	35.3	35.1	34.8	34.6	34.5	35.3	35.1	34.8	34.7	34.7	34.8						
10	35.4	35.1	34.8	34.3	34.1	34.0	35.0	34.7	34.3	34.2	34.4	34.7						
15	35.0	34.7	34.0	33.3	33.2	33.4	34.5	34.0	33.4	33.1	33.6	34.3						
20	34.6	34.1	32.9	32.1	32.1	32.8	34.0	33.3	32.2	31.8	32.5	33.6						
25	34.2	33.3	31.6	30.4	30.8	32.0	33.5	32.5	30.9	30.1	31.2	32.8						
30	33.6	32.5	30.0	28.6	29.3	31.0	32.8	31.6	29.4	28.2	29.6	32.1						
35	32.9	31.6	28.3	26.4	27.7	29.8	31.9	30.4	27.8	25.9	28.0	31.3						
40	32.0	30.5	26.6	24.1	26.0	28.5	30.9	29.1	26.0	23.5	26.3	30.3						
45	31.0	29.3	24.8	21.6	24.0	27.4	30.0	27.8	24.1	20.9	24.7	29.1						
50	30.0	27.9	22.9	18.9	21.9	26.1	29.0	26.6	22.0	18.2	22.8	27.8						
55	28.9	26.6	20.9	16.1	19.8	24.7	27.9	25.2	19.9	15.5	20.8	26.5						
60	27.7	25.2	18.8	13.3	17.8	23.3	26.6	23.7	17.8	12.6	18.8	25.2						
65	26.4	23.7	16.7	10.4	15.7	21.8	25.4	22.2	15.8	9.72	16.7	23.8						
70	25.2	22.3	14.8	7.53	13.7	20.4	24.1	20.8	13.7	6.92	14.8	22.3						
75	23.9	20.9	12.9	4.80	11.9	19.0	22.8	19.4	11.8	4.27	12.9	21.0						
80	22.5	19.5	11.2	2.35	10.3	17.7	21.5	18.0	10.2	1.97	11.2	19.6						
85	21.1	18.1	9.79	0.69	8.97	16.3	20.1	16.7	8.85	0.46	9.80	18.3						
90	19.6	16.7	8.66	0.53	7.83	15.0	18.6	15.3	7.70	0.35	8.65	16.9						
95	18.1	15.3	7.70	0.52	6.97	13.7	17.1	14.0	6.82	0.36	7.69	15.5						
100	16.3	12.8	6.97	0.57	6.35	11.6	15.4	11.8	6.14	0.40	6.94	13.0						
105	14.9	12.1	5.98	0.59	4.84	10.9	14.2	11.0	4.80	0.44	5.84	12.2						
110	13.5	11.2	5.65	0.61	4.69	9.66	12.9	9.86	4.49	0.45	5.74	11.3						
115	12.3	10.3	5.41	0.63	4.35	8.76	11.3	9.22	4.14	0.45	4.93	10.5						
120	11.3	9.60	4.87	0.65	3.93	8.11	10.4	8.36	4.01	0.46	4.65	9.72						
125	10.4	8.91	4.35	0.67	3.72	7.50	9.52	7.57	3.67	0.51	4.23	9.03						
130	9.47	7.91	3.90	0.69	3.38	6.69	8.63	6.91	3.48	0.53	3.68	8.02						
135	8.58	6.33	3.52	0.71	3.17	5.89	7.36	6.19	3.23	0.56	3.25	6.66						
140	7.70	5.34	3.17	0.73	2.92	5.25	6.09	5.09	2.95	0.60	2.83	5.33						
145	6.83	4.58	2.86	0.75	2.72	4.40	5.22	4.68	2.68	0.62	2.53	4.41						
150	6.00	3.87	2.56	0.81	2.36	3.85	4.47	3.95	2.38	0.71	2.28	3.67						
155	5.19	3.22	2.47	0.81	2.12	3.30	3.47	3.36	2.11	0.77	2.30	3.11						
160	4.27	2.66	2.43	0.81	1.80	2.73	2.84	2.79	1.77	0.77	2.31	2.44						
165	3.57	2.22	2.26	0.81	1.52	2.21	2.81	1.95	1.52	0.77	2.23	2.17						
170	1.91	2.08	2.11	0.82	1.16	1.68	1.59	1.88	1.25	0.78	2.05	2.15						
175	1.50	1.74	1.89	0.82	0.85	1.04	1.24	1.44	0.83	0.78	1.80	1.88						
180	0.87	0.86	0.85	0.82	0.82	0.82	0.87	0.86	0.83	0.79	0.79	0.83						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-13

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	35.52	35.34	35.05	34.88	34.80	34.72	35.52	35.34	35.05	34.88
3.0	35.55	35.34	35.09	34.85	34.74	34.59	35.42	35.22	34.95	34.86
6.0	35.52	35.32	35.04	34.69	34.53	34.38	35.26	35.03	34.73	34.66
9.0	35.45	35.19	34.85	34.42	34.21	34.11	35.05	34.76	34.41	34.31
12.0	35.27	35.00	34.48	33.94	33.76	33.79	34.80	34.43	33.95	33.79
15.0	35.04	34.74	33.99	33.33	33.20	33.41	34.52	34.05	33.37	33.14
18.0	34.77	34.37	33.38	32.59	32.55	33.03	34.21	33.62	32.70	32.38
21.0	34.53	33.90	32.67	31.76	31.84	32.62	33.93	33.18	31.97	31.48
24.0	34.26	33.46	31.87	30.79	31.05	32.15	33.61	32.71	31.17	30.45
27.0	33.95	33.01	30.98	29.73	30.22	31.61	33.22	32.19	30.32	29.36
30.0	33.58	32.53	30.02	28.58	29.33	31.00	32.76	31.58	29.42	28.16
33.0	33.16	31.99	29.00	27.31	28.39	30.31	32.24	30.92	28.48	26.86
36.0	32.69	31.38	27.96	25.97	27.38	29.56	31.64	30.17	27.47	25.48
39.0	32.17	30.73	26.94	24.56	26.33	28.78	31.03	29.37	26.42	24.01
42.0	31.57	30.03	25.88	23.08	25.19	28.07	30.51	28.56	25.30	22.48
45.0	30.95	29.26	24.79	21.56	24.02	27.37	29.99	27.85	24.11	20.94
48.0	30.38	28.45	23.67	19.98	22.79	26.63	29.41	27.12	22.88	19.33
51.0	29.81	27.62	22.49	18.36	21.52	25.83	28.77	26.31	21.62	17.68
54.0	29.15	26.87	21.29	16.71	20.23	24.99	28.10	25.48	20.31	16.05
57.0	28.44	26.08	20.07	15.04	19.01	24.11	27.37	24.61	19.06	14.35
60.0	27.70	25.21	18.82	13.30	17.78	23.25	26.63	23.69	17.82	12.58
63.0	26.96	24.33	17.56	11.54	16.56	22.39	25.90	22.81	16.59	10.88
66.0	26.19	23.46	16.33	9.806	15.33	21.52	25.15	21.95	15.36	9.162
69.0	25.42	22.56	15.17	8.082	14.13	20.70	24.39	21.07	14.14	7.483
72.0	24.65	21.72	14.02	6.407	12.95	19.86	23.62	20.24	12.94	5.845
75.0	23.86	20.87	12.89	4.801	11.87	19.04	22.83	19.41	11.82	4.271
78.0	23.05	20.03	11.83	3.253	10.88	18.24	22.05	18.58	10.82	2.813
81.0	22.21	19.20	10.88	1.947	9.994	17.42	21.23	17.76	9.902	1.581
84.0	21.37	18.38	10.04	0.9772	9.215	16.63	20.38	16.96	9.113	0.5660
87.0	20.49	17.54	9.305	0.5326	8.481	15.78	19.50	16.09	8.375	0.3671
90.0	19.58	16.71	8.662	0.5289	7.832	14.95	18.59	15.27	7.697	0.3479
93.0	18.66	15.87	8.053	0.5252	7.279	14.22	17.71	14.47	7.135	0.3568
96.0	17.75	15.05	7.536	0.5328	6.837	13.47	16.87	13.72	6.678	0.3657
99.0	16.80	13.36	7.098	0.5580	6.460	11.67	15.72	11.84	6.286	0.3669
102.0	15.70	12.62	6.646	0.5813	5.744	11.37	14.91	11.56	5.578	0.4420
105.0	14.87	12.09	5.976	0.5936	4.841	10.88	14.16	11.04	4.805	0.4431
108.0	14.08	11.58	5.891	0.6059	4.729	10.43	13.39	10.51	4.683	0.4462
111.0	13.30	11.00	5.569	0.6182	4.624	9.427	12.65	9.736	4.402	0.4493
114.0	12.58	10.48	5.423	0.6282	4.398	8.929	11.50	9.334	4.171	0.4529
117.0	11.91	10.03	5.357	0.6383	4.122	8.447	11.00	8.882	4.061	0.4576
120.0	11.32	9.598	4.873	0.6484	3.931	8.106	10.42	8.359	4.010	0.4623
123.0	10.75	9.211	4.585	0.6684	3.820	7.759	9.879	7.877	3.899	0.4824
126.0	10.19	8.759	4.243	0.6735	3.620	7.341	9.346	7.419	3.598	0.5153
129.0	9.652	8.234	3.976	0.6885	3.433	6.868	8.808	7.027	3.503	0.5240
132.0	9.109	7.340	3.730	0.6987	3.287	6.351	8.265	6.655	3.367	0.5327
135.0	8.576	6.326	3.519	0.7137	3.167	5.889	7.363	6.193	3.226	0.5578
138.0	8.043	5.767	3.303	0.7238	2.946	5.497	6.810	5.641	3.060	0.5880
141.0	7.516	5.165	3.097	0.7338	2.885	5.049	5.852	4.987	2.919	0.6030
144.0	6.998	4.738	2.921	0.7489	2.755	4.522	5.461	4.805	2.738	0.6131
147.0	6.495	4.291	2.735	0.7842	2.634	4.116	4.744	4.399	2.613	0.6731
150.0	5.997	3.874	2.559	0.8053	2.363	3.849	4.471	3.952	2.381	0.7136
153.0	5.505	3.442	2.488	0.8069	2.217	3.482	3.768	3.569	2.231	0.7689
156.0	5.038	3.100	2.464	0.8084	2.061	3.180	3.229	3.238	2.030	0.7704
159.0	4.420	2.768	2.441	0.8099	1.865	2.878	2.820	2.881	1.849	0.7720
162.0	4.042	2.437	2.363	0.8115	1.664	2.547	2.945	2.280	1.638	0.7735
165.0	3.565	2.221	2.257	0.8130	1.518	2.211	2.813	1.951	1.517	0.7750
168.0	2.052	2.166	2.172	0.8146	1.333	1.899	1.743	1.980	1.347	0.7765
171.0	1.835	2.045	2.081	0.8161	1.032	1.582	1.517	1.790	1.190	0.7780
174.0	1.584	1.843	1.941	0.8177	0.8594	1.225	1.306	1.548	0.8938	0.7785
177.0	1.353	1.591	1.525	0.8192	0.8444	0.8292	1.105	1.117	0.8343	0.7790
180.0	0.8745	0.8644	0.8493	0.8192	0.8242	0.8242	0.8745	0.8644	0.8343	0.7941
G/C	300.0	330.0								
0.0	34.80	34.72								
3.0	34.79	34.79								
6.0	34.69	34.76								
9.0	34.47	34.73								
12.0	34.09	34.55								
15.0	33.60	34.25								
18.0	32.99	33.86								
21.0	32.29	33.42								
24.0	31.46	32.97								
27.0	30.55	32.55								
30.0	29.60	32.14								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-13

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:

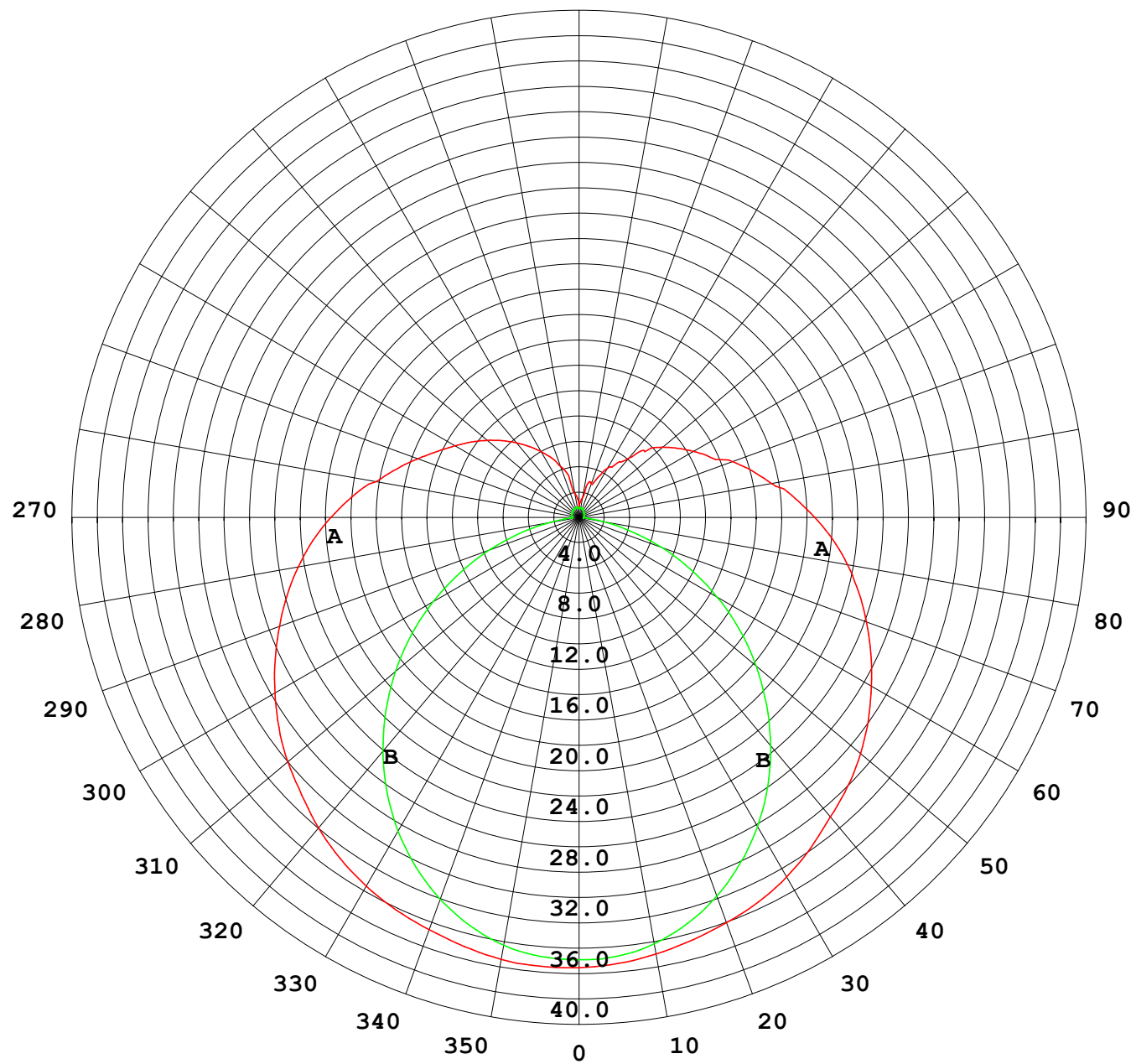
Photometric Data Table [cd]

33.0	28.62	31.64
36.0	27.63	31.08
39.0	26.65	30.47
42.0	25.67	29.81
45.0	24.66	29.09
48.0	23.57	28.31
51.0	22.41	27.49
54.0	21.24	26.73
57.0	20.03	25.98
60.0	18.80	25.16
63.0	17.55	24.34
66.0	16.33	23.47
69.0	15.16	22.60
72.0	14.03	21.78
75.0	12.91	20.95
78.0	11.86	20.14
81.0	10.91	19.34
84.0	10.06	18.53
87.0	9.300	17.70
90.0	8.652	16.91
93.0	8.054	16.08
96.0	7.532	15.28
99.0	7.080	13.47
102.0	6.660	12.79
105.0	5.840	12.25
108.0	5.789	11.74
111.0	5.494	11.14
114.0	5.447	10.62
117.0	5.050	10.16
120.0	4.648	9.721
123.0	4.407	9.304
126.0	4.139	8.887
129.0	3.763	8.345
132.0	3.557	7.406
135.0	3.246	6.661
138.0	3.014	5.526
141.0	2.758	5.143
144.0	2.573	4.530
147.0	2.457	4.162
150.0	2.277	3.675
153.0	2.282	3.383
156.0	2.312	2.947
159.0	2.317	2.539
162.0	2.281	2.323
165.0	2.231	2.166
168.0	2.151	2.155
171.0	2.015	2.146
174.0	1.844	1.971
177.0	1.490	1.700
180.0	0.7941	0.8343

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-13

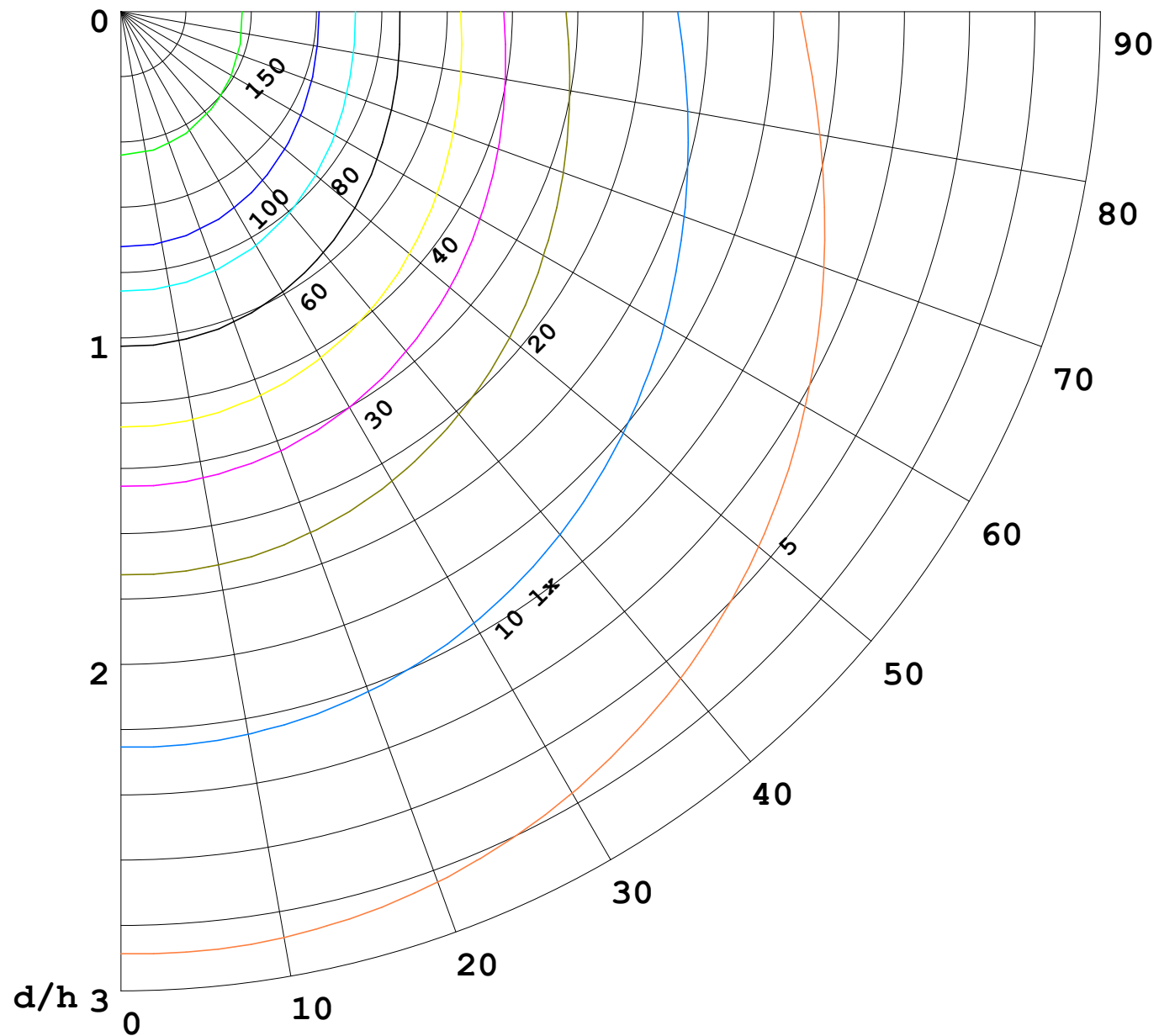
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

