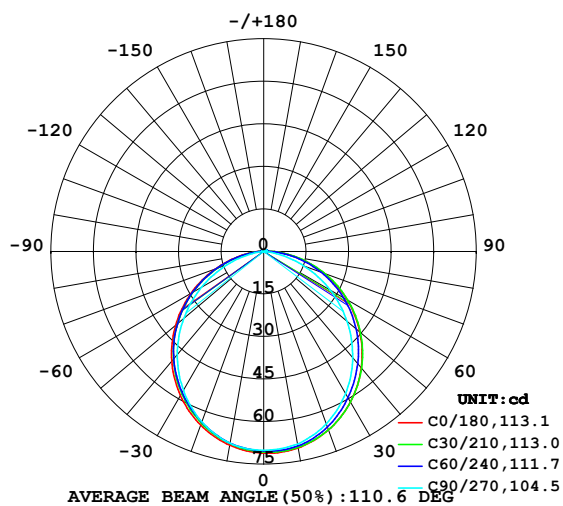


LUMINAIRE PHOTOMETRIC TEST REPORT

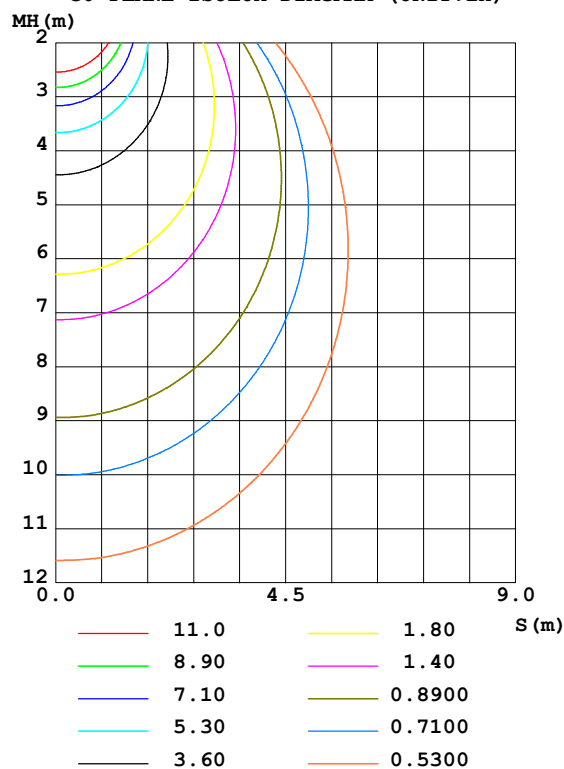
Test:U:24.00V I:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 14.22 lm/W			
MODEL	5050	I _{max} (cd)	71.17	S/MH (C0/180)	1.23
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	202.69	η UP, DN (C0-180)	0.9, 49.7
NOMINAL FLUX (lm)	202.686	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 48.7
LAMPS INSIDE	1	η up (%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	98.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-29

γ Range: 0 - 120DEG
 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	70.32	69.85	68.95	67.93	69.36	68.70	68.65	69.12	0- 10	6.652	6.652	3.28,3.28
20	66.92	66.38	64.64	63.53	65.15	64.19	63.89	65.44	10- 20	18.99	25.65	12.7,12.7
30	61.23	60.40	57.82	57.06	58.74	57.68	56.58	59.56	20- 30	28.60	54.24	26.8,26.8
40	53.54	52.67	48.84	48.84	50.46	49.46	47.45	52.29	30- 40	34.28	88.52	43.7,43.7
50	44.28	43.60	38.36	39.10	40.58	39.74	36.90	43.50	40- 50	35.43	124.0	61.2,61.2
60	33.88	33.37	27.03	28.32	29.66	28.93	25.43	33.47	50- 60	31.97	155.9	76.9,76.9
70	22.70	22.36	15.22	16.98	18.19	17.56	13.72	22.64	60- 70	24.47	180.4	89,89
80	11.54	11.28	4.610	6.630	7.690	6.919	3.245	11.64	70- 80	14.32	194.7	96.1,96.1
90	3.267	2.734	0.6785	1.422	1.636	1.182	0.3622	2.795	80- 90	4.890	199.6	98.5,98.5
100	0.9051	1.056	0.7744	1.198	0.7263	0.8756	0.4469	0.7874	90-100	1.277	200.9	99.1,99.1
110	0.9095	1.056	0.8902	1.165	0.3962	0.9002	0.5477	0.8087	100-110	0.9297	201.8	99.6,99.6
120	0.9599	0.6128	0.9700	1.209	0.0660	0.6199	0.6986	0.7765	110-120	0.8403	202.6	100,100
130	0	0	0	0	0	0	0	0	120-130	0.0381	202.7	100,100
140	0	0	0	0	0	0	0	0	130-140	0	202.7	100,100
150	0	0	0	0	0	0	0	0	140-150	0	202.7	100,100
160	0	0	0	0	0	0	0	0	150-160	0	202.7	100,100
170	0	0	0	0	0	0	0	0	160-170	0	202.7	100,100
180	0	0	0	0	0	0	0	0	170-180	0	202.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 106.39 lm

%lum = 52.5%

%lamp = 52.5%

Conical surface Flux(120deg): 155.92 lm

%lum = 76.9%

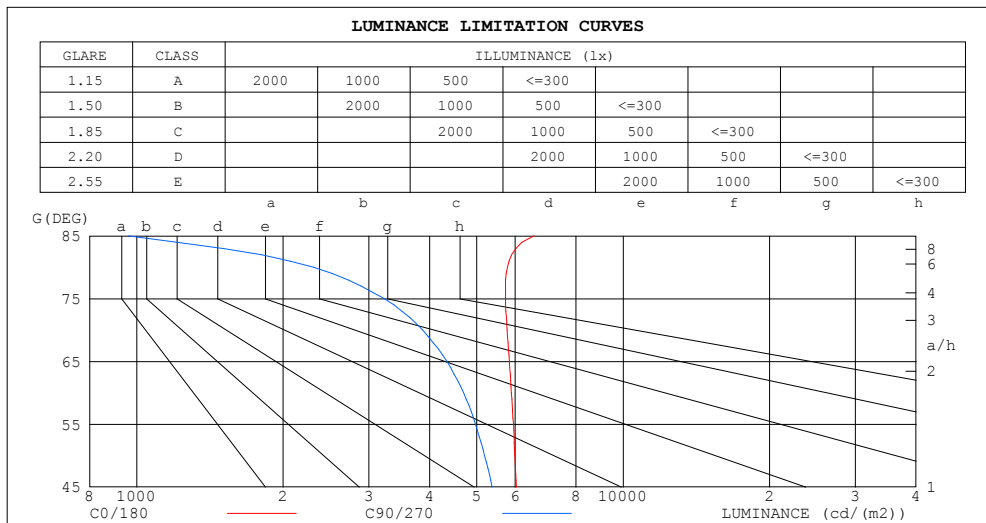
%lamp = 76.9%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6553	961
80	5781	2309
75	5732	3227
70	5772	3869
65	5834	4342
60	5892	4700
55	5948	4967
50	5991	5189
45	6038	5379

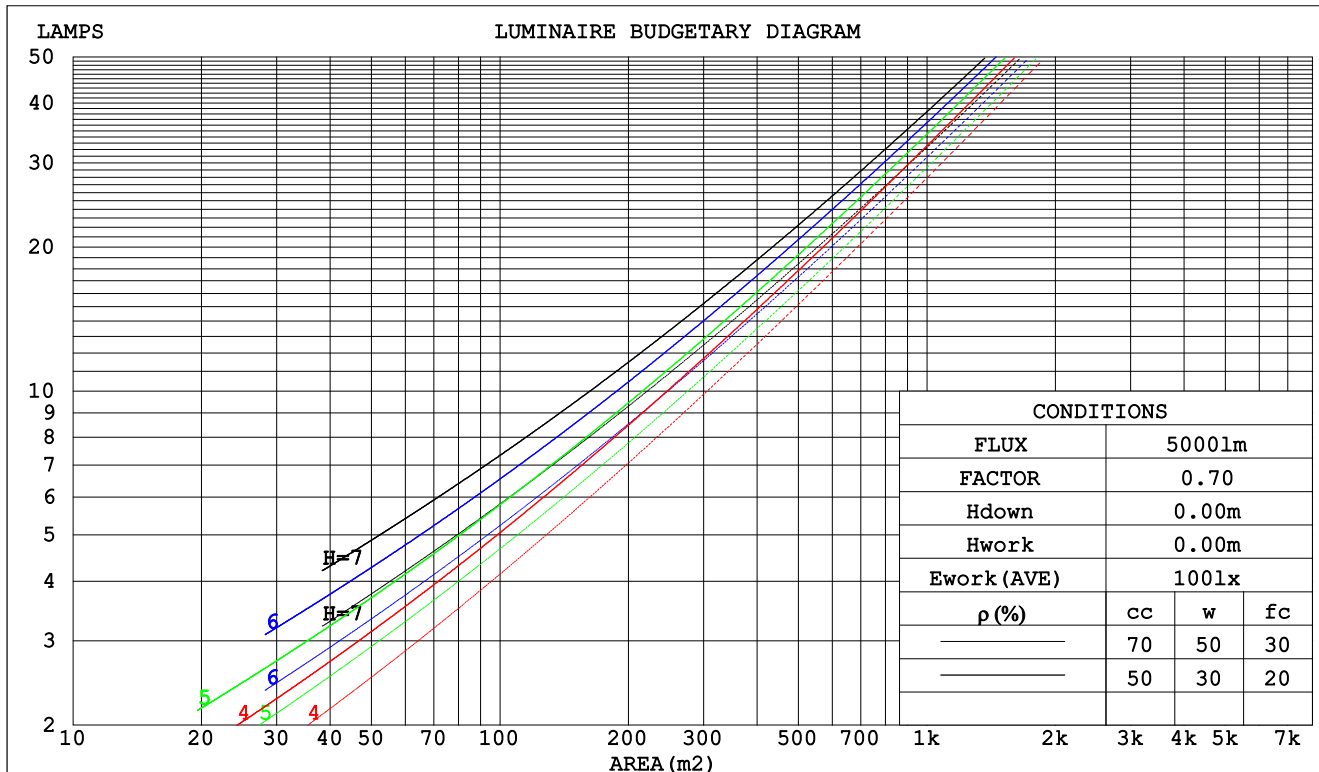
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.80	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.39	.49	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.41	.35	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	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	.315	.179	.057	.308	.175	.056	.294	.168	.054	.280	.162	.052	.269	.156	.050		
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.234	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.124	.037	.225	.121	.037	.217	.118	.036		
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.214	.107	.031	.210	.106	.030	.202	.103	.030	.194	.101	.030	.187	.099	.029		
7.0	.199	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.186	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.073	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.192	.168	.146	.165	.144	.125	.113	.099	.087	.065	.057	.050	.021	.018	.016	
2.0	.184	.144	.109	.158	.124	.095	.108	.086	.066	.062	.050	.039	.020	.016	.013	
3.0	.177	.126	.086	.151	.109	.075	.104	.076	.052	.060	.044	.031	.019	.014	.010	
4.0	.169	.113	.070	.145	.098	.061	.100	.068	.043	.058	.040	.025	.019	.013	.008	
5.0	.161	.103	.059	.139	.089	.051	.095	.062	.036	.055	.036	.022	.018	.012	.007	
6.0	.154	.094	.051	.133	.082	.044	.091	.057	.031	.053	.034	.019	.017	.011	.006	
7.0	.147	.087	.045	.127	.076	.039	.088	.053	.028	.051	.031	.017	.016	.010	.005	
8.0	.141	.082	.041	.121	.071	.036	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.077	.037	.116	.066	.032	.080	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.129	.072	.034	.111	.063	.030	.077	.044	.021	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm											
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)					TYPE:硅胶			WEIGHT:			
SPEC.:					DIM.: 21mm*11.5mm			SERIAL No.:2021122915			
MFR.: OLYMPIA					SUR.:1*0.0115			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	24.9	26.4	25.2	26.6	26.8	24.2	25.7	24.5	25.9	26.1	
	3H	26.6	28.0	26.9	28.2	28.5	25.5	26.9	25.8	27.2	27.4
	4H	27.4	28.7	27.7	29.0	29.2	26.0	27.3	26.3	27.6	27.9
	6H	28.0	29.2	28.3	29.5	29.8	26.2	27.5	26.6	27.8	28.1
	8H	28.2	29.4	28.6	29.8	30.1	26.3	27.5	26.6	27.8	28.1
	12H	28.5	29.6	28.8	29.9	30.3	26.2	27.4	26.6	27.7	28.0
4H	2H	25.5	26.8	25.8	27.1	27.4	25.0	26.3	25.3	26.6	26.9
	3H	27.4	28.6	27.8	28.9	29.3	26.6	27.8	27.0	28.1	28.4
	4H	28.4	29.4	28.8	29.8	30.1	27.3	28.3	27.7	28.7	29.0
	6H	29.1	30.1	29.6	30.5	30.9	27.7	28.6	28.1	29.0	29.4
	8H	29.5	30.4	29.9	30.7	31.2	27.7	28.6	28.2	29.0	29.4
	12H	29.8	30.6	30.2	31.0	31.4	27.8	28.6	28.2	29.0	29.4
8H	4H	28.7	29.6	29.1	29.9	30.4	27.7	28.6	28.2	29.0	29.4
	6H	29.7	30.4	30.1	30.8	31.3	28.4	29.1	28.9	29.6	30.0
	8H	30.1	30.8	30.6	31.2	31.7	28.6	29.3	29.1	29.7	30.2
	12H	30.6	31.1	31.1	31.6	32.1	28.7	29.3	29.2	29.8	30.3
12H	4H	28.7	29.5	29.1	29.9	30.4	27.8	28.6	28.2	29.0	29.5
	6H	29.8	30.4	30.2	30.9	31.3	28.6	29.2	29.0	29.7	30.1
	8H	30.3	30.8	30.8	31.3	31.8	28.9	29.4	29.4	29.9	30.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.5					

CIE Pub.117, 202.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.5)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

γ Range: 0 - 120DEG
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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

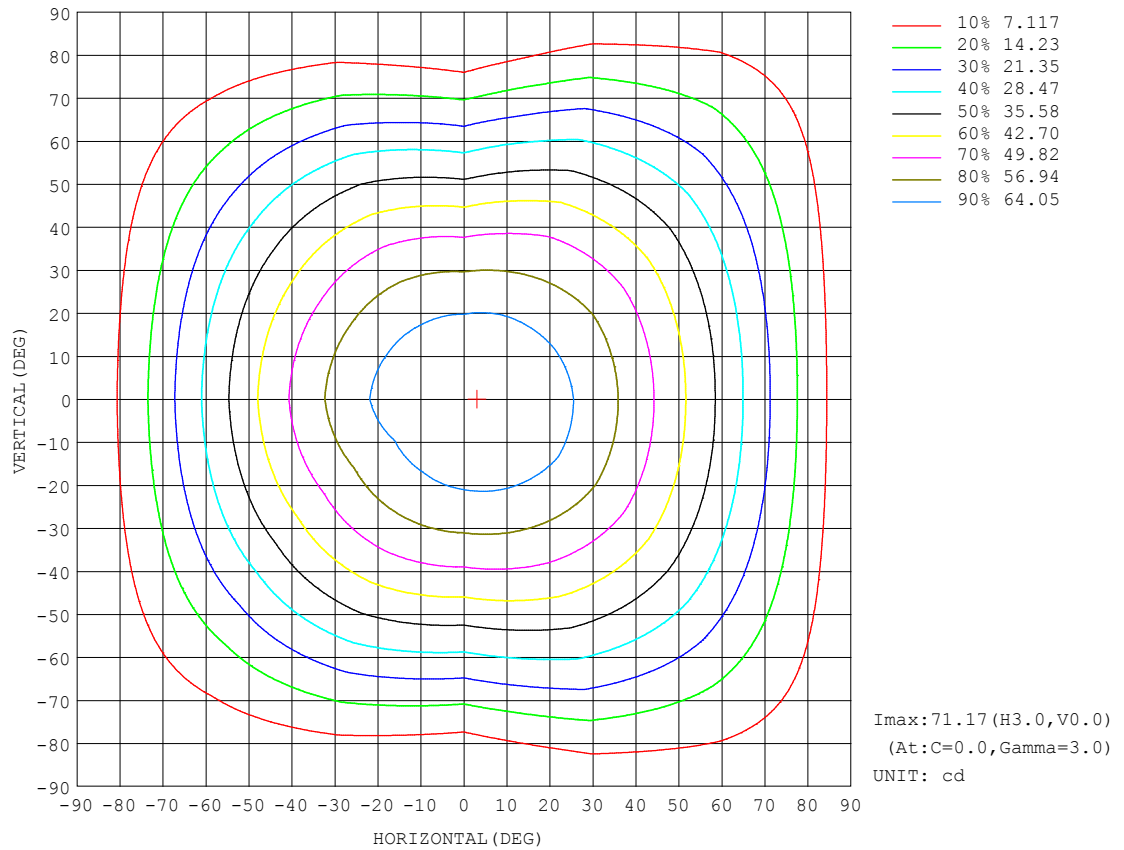
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	76
4.00	105	100	95	103	98	93	99	94	90	81
5.00	108	103	99	105	101	97	101	97	94	84
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:2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

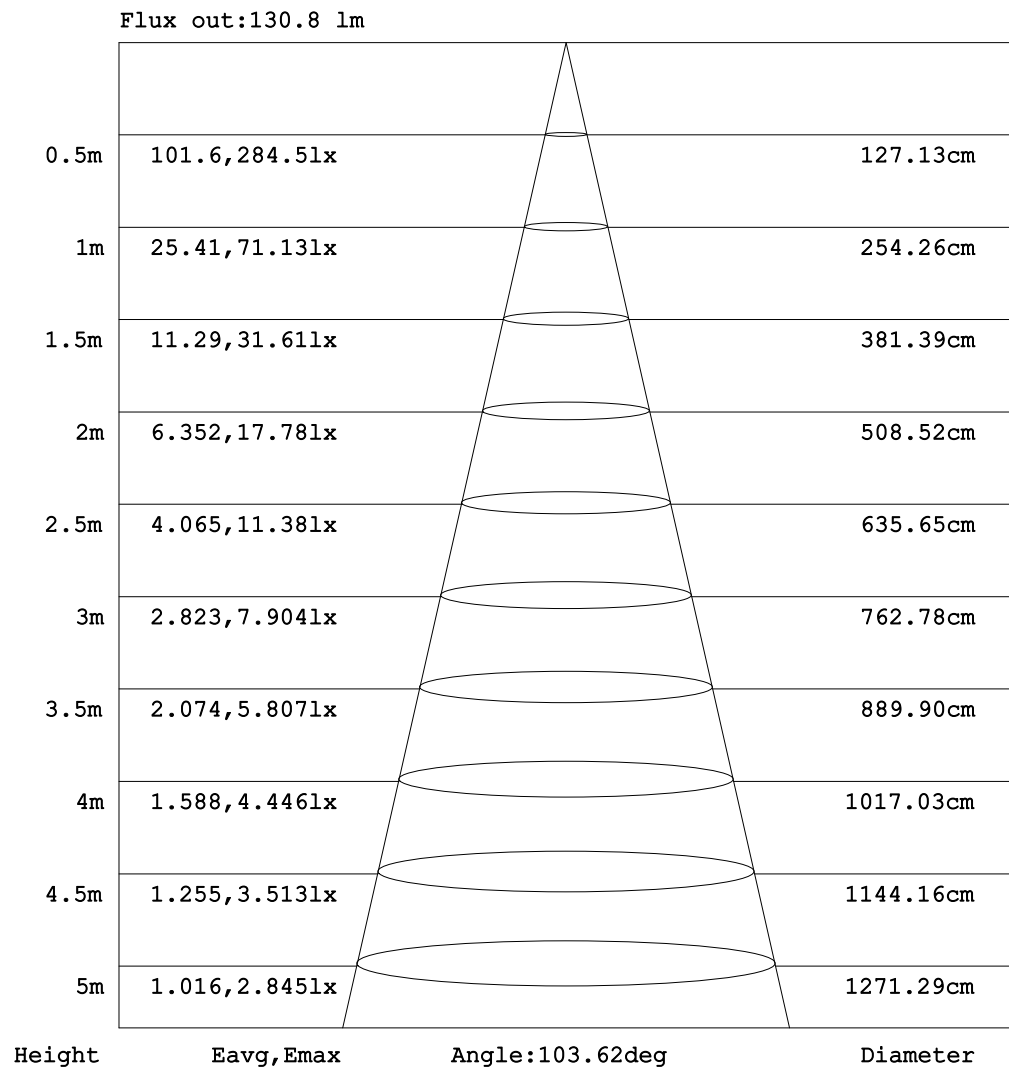


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



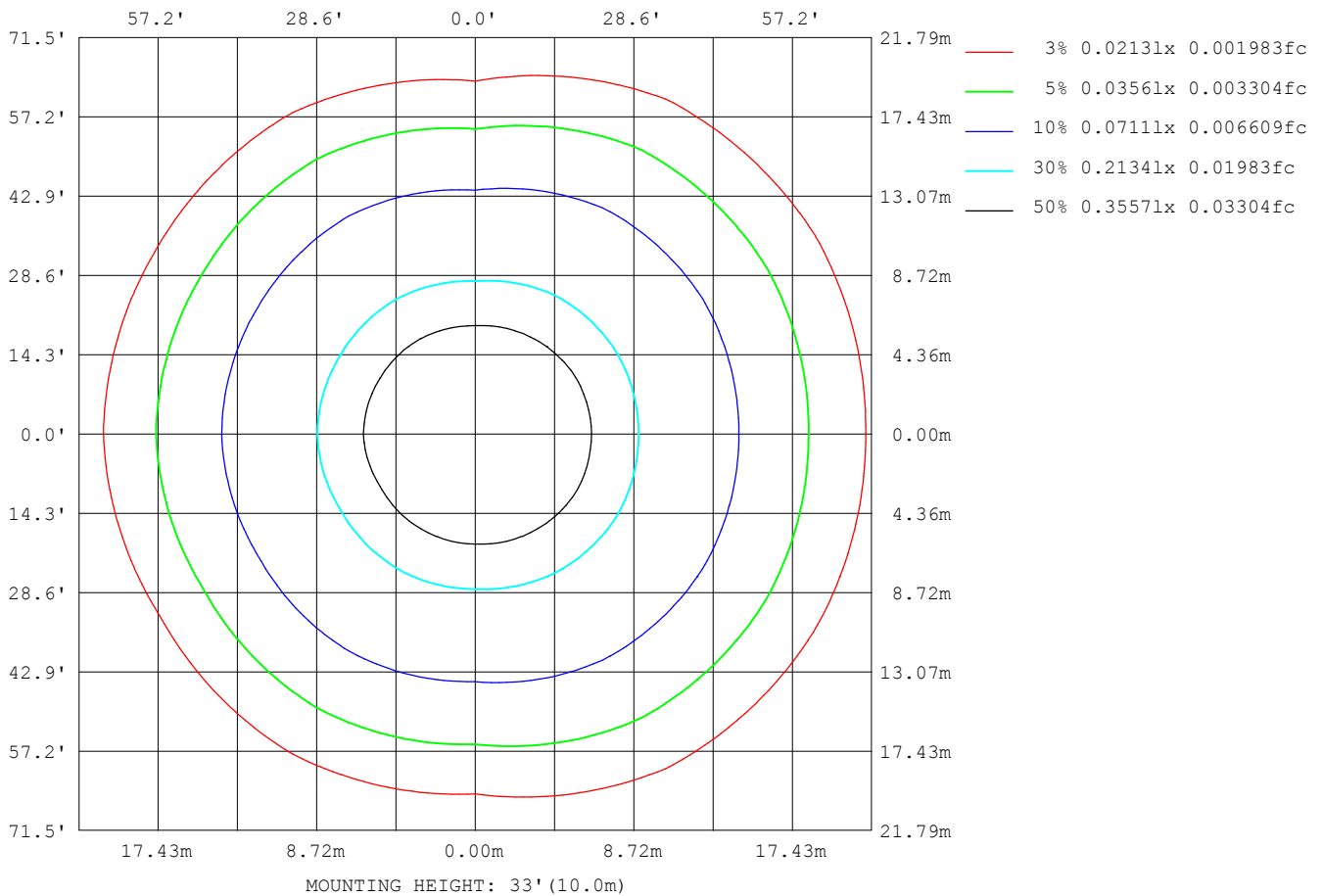
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

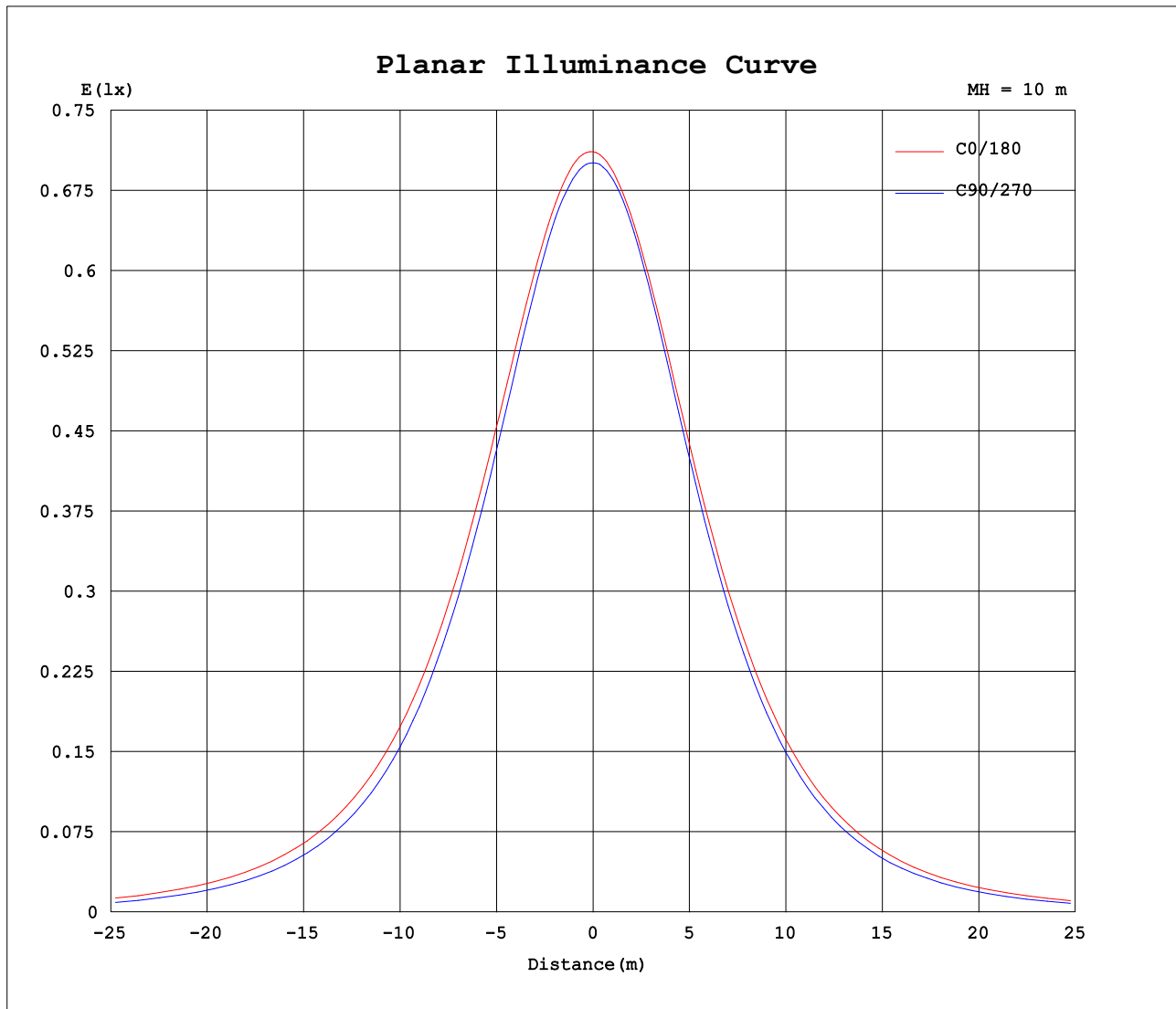
AvgL	cd/m2
L_0~180 (65) av	5380
L_0~180 (75) av	4979
L_0~180 (85) av	5239
L_90~270 (65) av	4177
L_90~270 (75) av	2973
L_90~270 (85) av	734
L_45 (65) av	5306
L_45 (75) av	4926
L_45 (85) av	4950

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

γ Range: 0 - 120DEG
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: 2021-12-29

γ Range: 0 - 120DEG
 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:0.5938A P:14.25W PF:1.000 Freq:50.00Hz Lamp Flux:202.686x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW(3000)	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 21mm*11.5mm	SERIAL No.:2021122915
MFR.: OLYMPIA	SUR.:1*0.0115	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	71.1	70.8	70.4	70.1	69.9	69.7	71.1	70.8	70.4	70.1	69.9	69.7						
5	71.1	70.8	70.3	69.8	69.3	69.0	70.6	70.1	69.8	69.8	69.8	69.8						
10	70.3	70.1	69.6	69.0	68.1	67.7	69.4	68.8	68.6	68.6	69.0	69.2						
15	68.9	68.8	68.1	67.1	66.2	65.8	67.5	66.9	66.6	66.6	67.3	67.9						
20	66.9	66.9	65.8	64.6	63.7	63.3	65.2	64.4	64.0	63.9	65.0	65.8						
25	64.3	64.4	62.9	61.5	60.7	60.3	62.2	61.4	60.9	60.5	62.0	63.4						
30	61.2	61.3	59.5	57.8	57.3	56.8	58.7	57.9	57.5	56.6	58.5	60.6						
35	57.6	57.7	55.7	53.6	53.4	52.9	54.8	53.9	53.6	52.2	54.9	57.2						
40	53.5	53.7	51.6	48.8	49.1	48.6	50.5	49.6	49.4	47.4	51.3	53.3						
45	49.1	49.3	47.3	43.7	44.5	43.8	45.7	44.8	44.7	42.3	47.1	49.1						
50	44.3	44.6	42.6	38.4	39.5	38.7	40.6	39.7	39.7	36.9	42.6	44.5						
55	39.2	39.5	37.6	32.8	34.3	33.4	35.2	34.4	34.5	31.2	37.6	39.6						
60	33.9	34.2	32.5	27.0	28.8	27.8	29.7	28.8	29.0	25.4	32.5	34.5						
65	28.4	28.7	27.1	21.1	23.1	22.2	23.9	23.2	23.4	19.5	27.2	29.1						
70	22.7	23.1	21.6	15.2	17.5	16.5	18.2	17.4	17.7	13.7	21.7	23.6						
75	17.1	17.5	16.1	9.61	11.9	11.1	12.6	11.9	12.1	8.09	16.2	18.0						
80	11.5	11.9	10.7	4.61	6.76	6.50	7.69	6.89	6.95	3.24	10.7	12.5						
85	6.57	6.84	5.66	0.96	2.95	3.18	3.93	3.32	2.87	0.51	5.75	7.37						
90	3.27	3.27	2.20	0.68	1.34	1.51	1.64	1.37	0.99	0.36	2.06	3.53						
95	1.55	1.52	1.17	0.72	1.25	1.26	0.89	0.98	0.85	0.36	0.85	1.53						
100	0.91	1.04	1.07	0.77	1.16	1.23	0.73	0.92	0.84	0.45	0.79	0.78						
105	0.91	1.08	0.99	0.85	1.05	1.22	0.56	0.92	0.77	0.55	0.73	0.77						
110	0.91	1.02	1.09	0.89	1.11	1.22	0.40	0.92	0.88	0.55	0.83	0.79						
115	0.94	0.60	1.13	0.93	1.18	1.22	0.23	0.92	0.92	0.61	0.84	0.82						
120	0.96	0.17	1.06	0.97	1.21	1.21	0.07	0.93	0.31	0.70	0.70	0.85						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-12-29

γ Range: 0 - 120DEG
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	71.13	70.80	70.37	70.09	69.89	69.71	71.13	70.80	70.37	70.09
3.0	71.17	70.83	70.42	70.02	69.65	69.36	70.88	70.47	70.12	69.97
6.0	70.99	70.68	70.25	69.69	69.14	68.80	70.38	69.90	69.61	69.62
9.0	70.53	70.29	69.80	69.15	68.42	68.02	69.64	69.14	68.90	68.97
12.0	69.84	69.66	69.13	68.33	67.49	66.97	68.70	68.12	67.89	67.94
15.0	68.92	68.81	68.09	67.13	66.24	65.78	67.54	66.89	66.57	66.63
18.0	67.79	67.75	66.81	65.71	64.80	64.41	66.16	65.51	65.08	65.09
21.0	66.45	66.48	65.30	64.07	63.17	62.75	64.60	63.80	63.37	63.30
24.0	64.89	64.90	63.55	62.18	61.35	61.01	62.83	62.05	61.59	61.24
27.0	63.17	63.18	61.63	60.09	59.42	59.00	60.85	59.98	59.59	59.05
30.0	61.23	61.28	59.51	57.82	57.29	56.82	58.74	57.87	57.48	56.58
33.0	59.12	59.20	57.26	55.32	55.00	54.57	56.44	55.55	55.23	54.08
36.0	56.84	56.92	54.91	52.64	52.58	52.09	53.97	53.08	52.80	51.27
39.0	54.40	54.55	52.48	49.84	49.99	49.40	51.37	50.41	50.23	48.46
42.0	51.80	51.99	49.91	46.85	47.28	46.74	48.61	47.63	47.56	45.45
45.0	49.10	49.31	47.28	43.74	44.46	43.84	45.68	44.82	44.73	42.31
48.0	46.24	46.56	44.51	40.59	41.50	40.80	42.66	41.78	41.74	39.01
51.0	43.29	43.59	41.63	37.27	38.51	37.69	39.55	38.67	38.72	35.69
54.0	40.27	40.55	38.63	33.89	35.36	34.46	36.32	35.51	35.57	32.39
57.0	37.12	37.47	35.61	30.52	32.12	31.22	33.03	32.23	32.35	28.76
60.0	33.88	34.24	32.49	27.03	28.80	27.83	29.66	28.82	29.04	25.43
63.0	30.58	30.93	29.31	23.45	25.46	24.43	26.23	25.47	25.67	21.81
66.0	27.26	27.64	26.04	19.93	22.06	21.05	22.81	22.01	22.27	18.25
69.0	23.84	24.23	22.72	16.38	18.62	17.62	19.35	18.53	18.86	14.93
72.0	20.45	20.83	19.41	12.94	15.22	14.29	15.90	15.17	15.43	11.49
75.0	17.06	17.47	16.09	9.605	11.92	11.11	12.58	11.87	12.09	8.093
78.0	13.70	14.07	12.79	6.510	8.755	8.194	9.544	8.749	8.921	5.130
81.0	10.48	10.81	9.614	3.716	5.859	5.697	6.827	6.063	5.996	2.464
84.0	7.439	7.790	6.585	1.452	3.546	3.713	4.571	3.902	3.531	0.6275
87.0	5.029	5.156	3.969	0.7532	2.000	2.299	2.825	2.321	1.811	0.3725
90.0	3.267	3.267	2.201	0.6785	1.338	1.506	1.636	1.374	0.9890	0.3622
93.0	2.064	2.038	1.379	0.7036	1.261	1.281	1.014	0.9956	0.8493	0.3518
96.0	1.344	1.340	1.131	0.7288	1.241	1.246	0.8584	0.9650	0.8448	0.3619
99.0	0.9509	1.040	1.086	0.7491	1.188	1.237	0.7593	0.9148	0.8382	0.4068
102.0	0.9060	1.055	1.041	0.8319	1.108	1.230	0.6603	0.9164	0.7786	0.5174
105.0	0.9073	1.081	0.9851	0.8538	1.045	1.225	0.5612	0.9181	0.7692	0.5476
108.0	0.9086	1.106	1.045	0.8756	1.091	1.222	0.4622	0.9197	0.8294	0.5477
111.0	0.9246	0.9356	1.120	0.8974	1.150	1.219	0.3632	0.9213	0.8997	0.5478
114.0	0.9376	0.6805	1.137	0.9248	1.181	1.217	0.2641	0.9230	0.9197	0.5677
117.0	0.9419	0.4253	1.109	0.9500	1.186	1.214	0.1651	0.9246	0.7749	0.6280
120.0	0.9599	0.1701	1.055	0.9700	1.206	1.211	0.0660	0.9298	0.3100	0.6986
G/C	300.0	330.0								
0.0	69.89	69.71								
3.0	69.88	69.81								
6.0	69.67	69.76								
9.0	69.24	69.42								
12.0	68.42	68.80								
15.0	67.34	67.94								
18.0	66.03	66.77								
21.0	64.47	65.35								
24.0	62.69	63.96								
27.0	60.67	62.35								
30.0	58.53	60.60								
33.0	56.38	58.57								
36.0	54.22	56.44								
39.0	52.02	54.11								
42.0	49.72	51.63								
45.0	47.14	49.07								
48.0	44.43	46.34								
51.0	41.60	43.48								
54.0	38.62	40.60								
57.0	35.59	37.56								
60.0	32.47	34.47								
63.0	29.29	31.28								
66.0	26.08	28.02								
69.0	22.80	24.71								
72.0	19.48	21.38								
75.0	16.17	18.05								
78.0	12.87	14.70								
81.0	9.694	11.47								
84.0	6.689	8.364								
87.0	4.013	5.557								
90.0	2.061	3.528								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-12-29

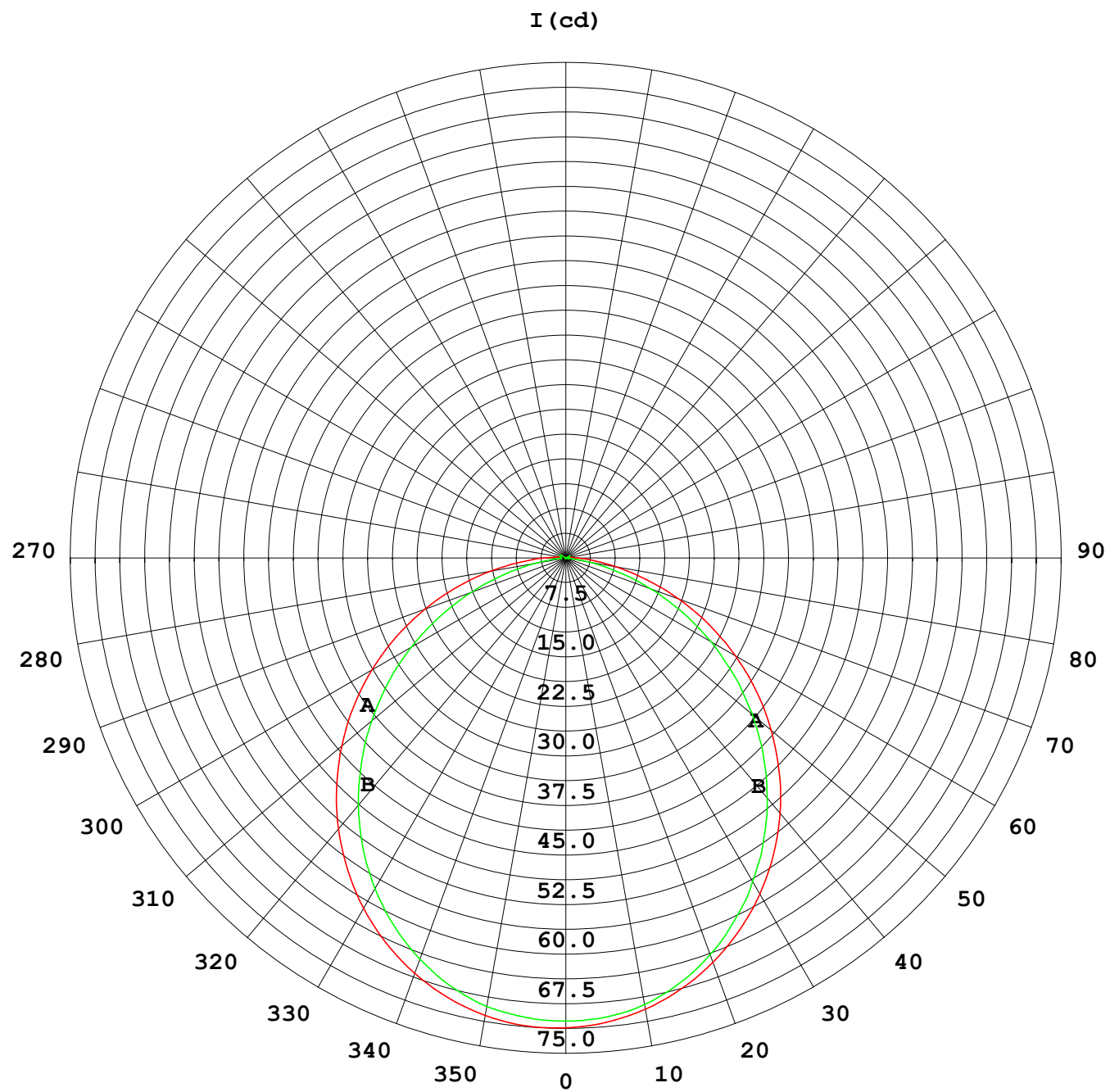
γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

93.0	1.114	2.119
96.0	0.8371	1.304
99.0	0.8021	0.8155
102.0	0.7533	0.7802
105.0	0.7291	0.7740
108.0	0.8044	0.7859
111.0	0.8344	0.7890
114.0	0.8493	0.8041
117.0	0.7937	0.8343
120.0	0.7036	0.8494

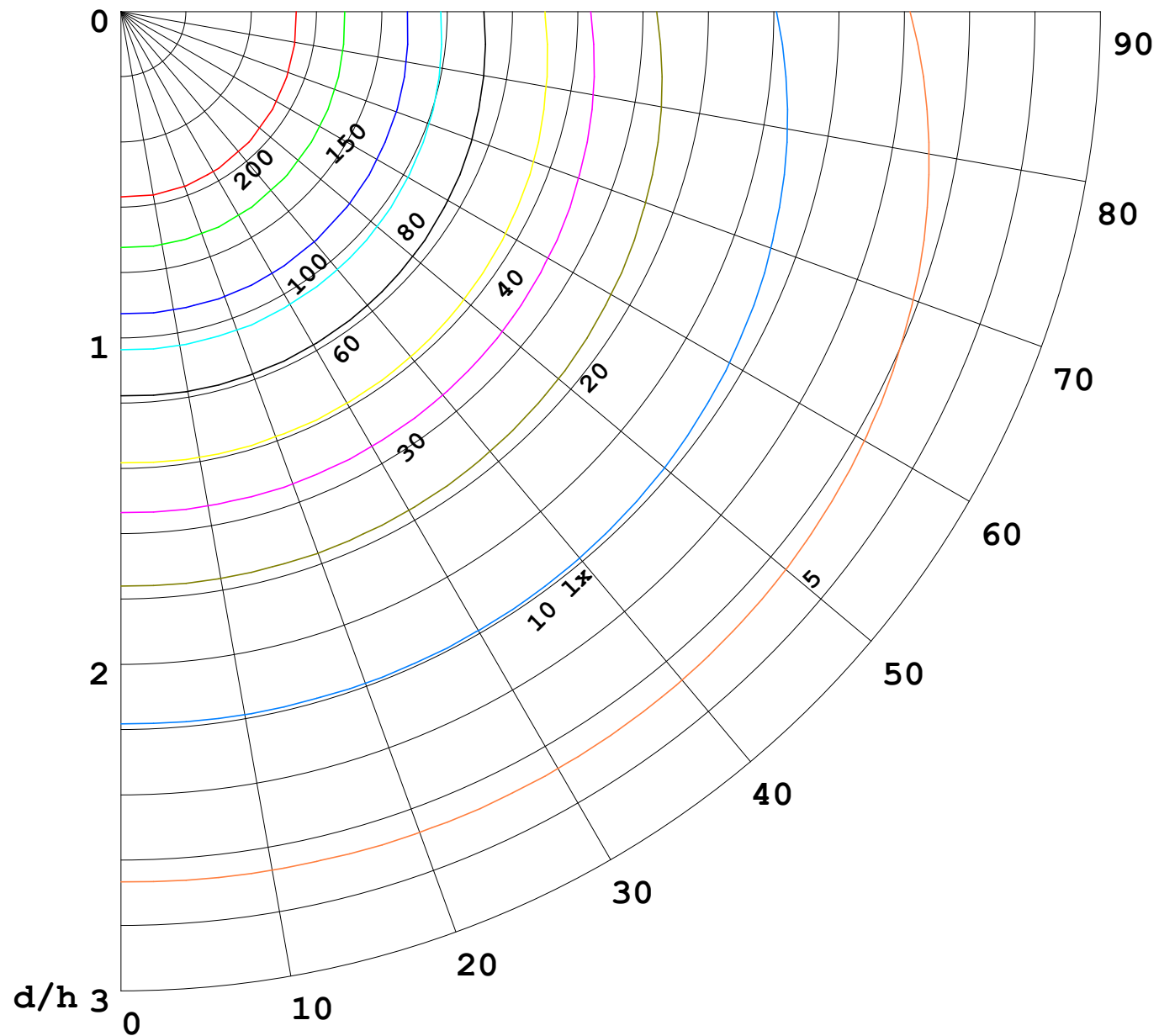
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-12-29

γ Range: 0 - 120DEG
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:



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

