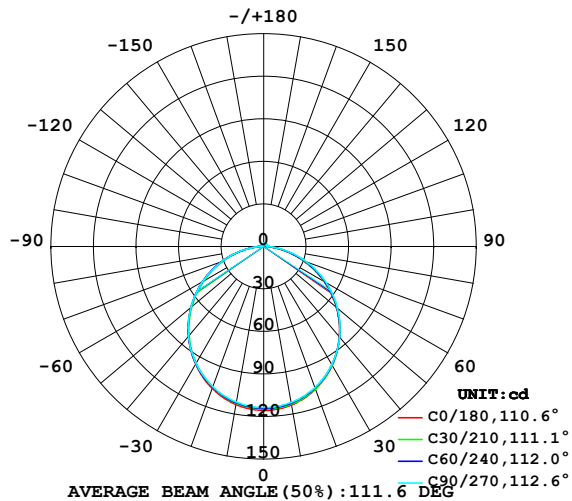


LUMINAIRE PHOTOMETRIC TEST REPORT

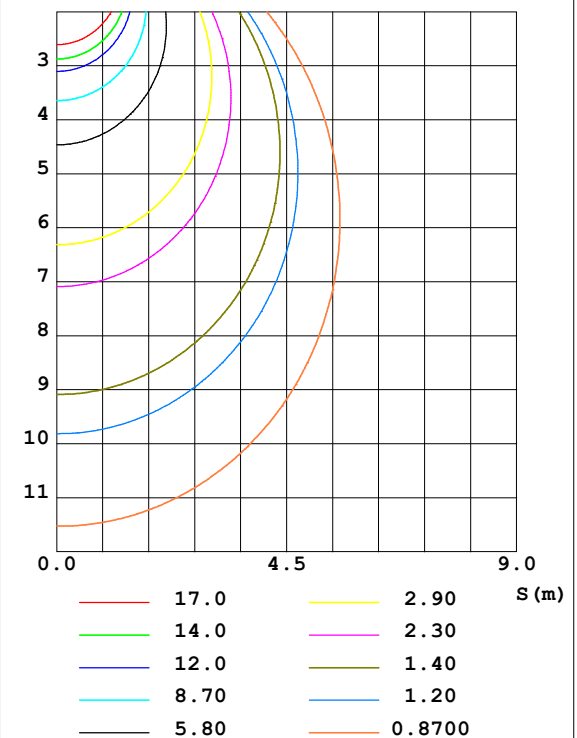
Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)	TYPE:PVC	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 23.81 lm/W			
MODEL	3528	I _{max} (cd)	115.6	S/MH (C0/180)	1.25
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	335.52	η UP, DN (C0-180)	1.8, 48.5
NOMINAL FLUX (lm)	335.515	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.2
LAMPS INSIDE	1	η up (%)	3.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



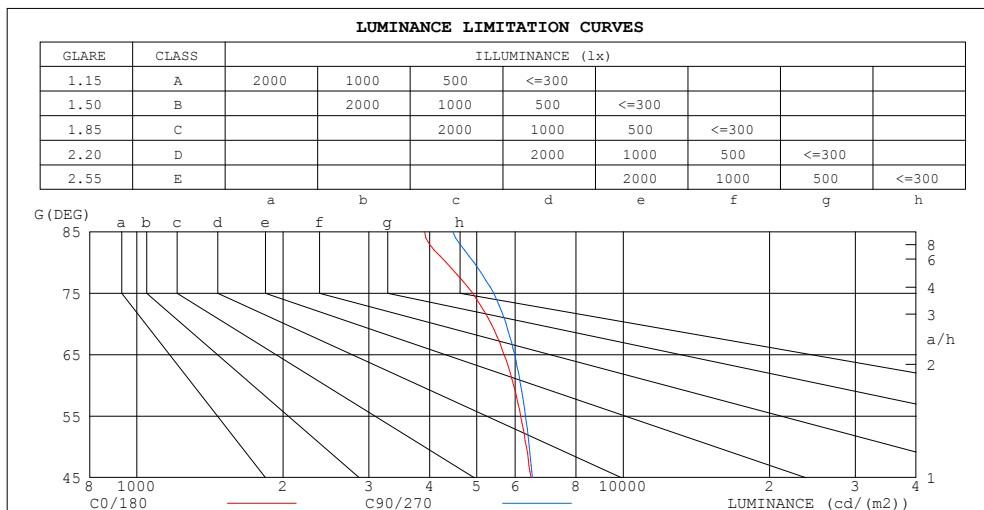
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	113.5	112.6	111.7	110.8	113.2	112.1	111.5	110.9	0- 10	10.78	10.78	3.21,3.21
20	107.0	106.5	105.9	104.6	106.5	105.6	105.3	104.7	10- 20	30.82	41.61	12.4,12.4
30	96.75	96.53	96.23	94.74	96.01	95.44	95.46	94.75	20- 30	46.56	88.16	26.3,26.3
40	83.15	83.30	83.34	81.82	82.59	82.28	82.49	81.71	30- 40	55.91	144.1	42.9,42.9
50	67.05	67.52	67.99	66.53	66.84	66.75	67.03	66.13	40- 50	57.81	201.9	60.2,60.2
60	49.13	49.88	50.79	49.57	49.58	49.49	49.79	48.68	50- 60	52.19	254.1	75.7,75.7
70	30.19	31.11	32.42	31.55	31.49	31.50	31.57	30.31	60- 70	39.98	294.1	87.6,87.6
80	12.39	13.01	14.13	13.91	13.74	13.66	13.72	12.53	70- 80	23.32	317.4	94.6,94.6
90	1.718	1.933	2.367	2.395	1.861	2.031	2.318	1.596	80- 90	7.141	324.5	96.7,96.7
100	1.166	1.666	2.317	1.809	0.7189	1.440	2.287	1.284	90-100	1.781	326.3	97.3,97.3
110	1.332	1.779	2.302	1.862	0.8948	1.513	2.056	1.395	100-110	1.699	328.0	97.8,97.8
120	1.498	1.870	2.302	1.935	1.096	1.586	1.975	1.485	110-120	1.665	329.7	98.3,98.3
130	1.638	1.932	2.231	1.970	1.302	1.671	1.940	1.586	120-130	1.570	331.2	98.7,98.7
140	1.764	1.990	2.206	1.978	1.528	1.761	1.940	1.684	130-140	1.409	332.6	99.1,99.1
150	1.895	2.040	2.136	2.005	1.734	1.865	1.960	1.809	140-150	1.188	333.8	99.5,99.5
160	2.005	2.096	2.136	2.053	1.925	1.970	2.005	1.917	150-160	0.9111	334.7	99.8,99.8
170	2.121	2.138	2.136	2.098	2.086	2.048	2.056	2.015	160-170	0.5805	335.3	99.9,99.9
180	2.141	2.143	2.136	2.118	2.131	2.138	2.141	2.103	170-180	0.2004	335.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3906	4465
80	4323	4933
75	4901	5419
70	5350	5745
65	5688	5984
60	5955	6157
55	6154	6297
50	6322	6410
45	6468	6508

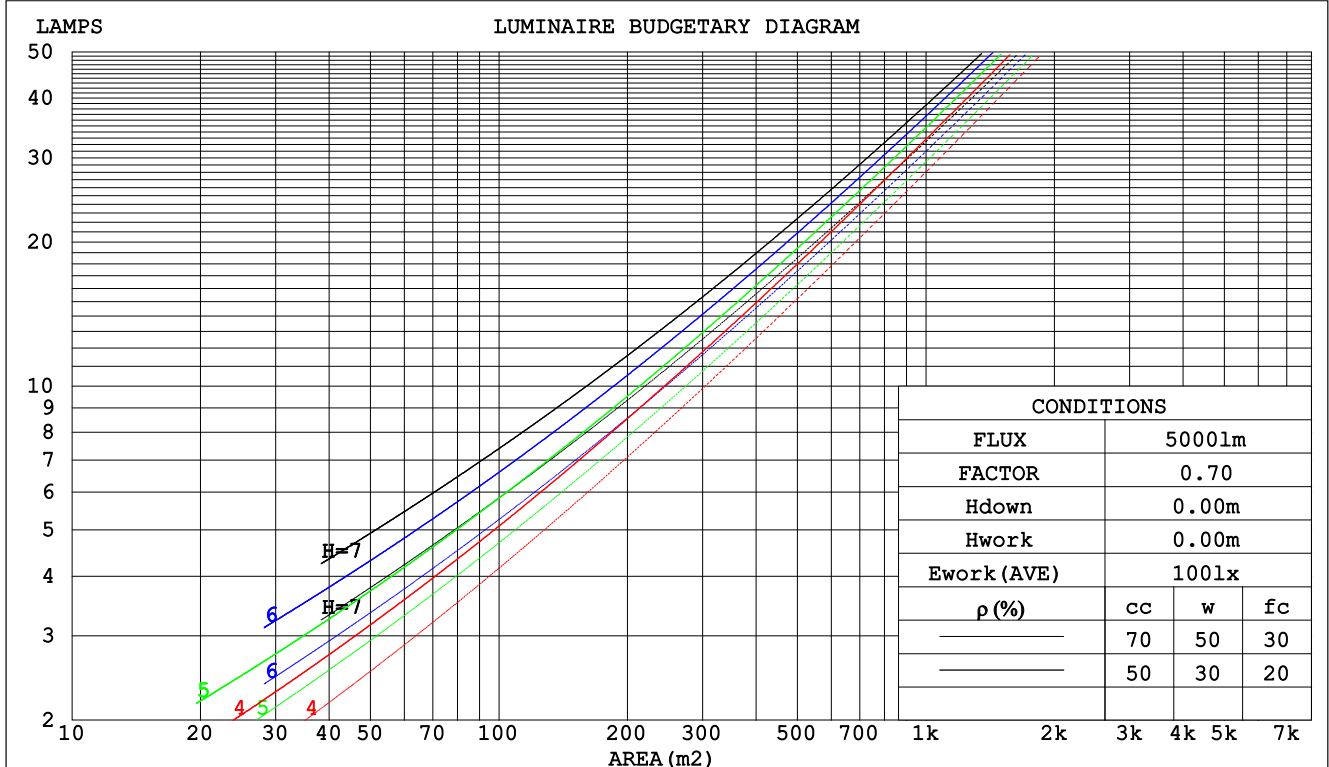
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)	TYPE:PVC	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.00	.96	.93	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.74	.80	.75	.71	.76	.72	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm					
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)			TYPE:PVC		WEIGHT:
DIM.: 21mm*11.5mm			SPEC.:		SERIAL No.:20220512
MFR.: OLYMPIA			SUR.:1*0.0165		PROTECTION 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	.312	.177	.056	.304	.173	.055	.289	.166	.053	.275	.159	.051	.262	.152	.049		
2.0	.292	.160	.049	.285	.157	.048	.272	.151	.047	.259	.145	.045	.248	.140	.044		
3.0	.270	.144	.043	.263	.141	.042	.251	.136	.041	.240	.132	.040	.230	.127	.039		
4.0	.249	.129	.038	.243	.127	.038	.232	.123	.037	.222	.119	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.208	.105	.030	.200	.102	.030	.192	.100	.029	.184	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.172	.090	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.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	.215	.215	.215	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023		
1.0	.206	.181	.159	.176	.156	.137	.120	.107	.095	.069	.062	.055	.022	.020	.018		
2.0	.198	.157	.123	.169	.135	.107	.116	.094	.074	.067	.054	.044	.021	.018	.014		
3.0	.190	.140	.100	.163	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012		
4.0	.182	.127	.084	.156	.109	.073	.108	.076	.051	.062	.045	.030	.020	.015	.010		
5.0	.175	.116	.073	.150	.101	.063	.103	.070	.045	.060	.041	.027	.019	.013	.009		
6.0	.168	.108	.065	.144	.093	.057	.099	.065	.040	.058	.038	.024	.019	.013	.008		
7.0	.161	.101	.059	.138	.088	.052	.096	.061	.037	.056	.036	.022	.018	.012	.007		
8.0	.155	.095	.055	.133	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007		
9.0	.148	.090	.051	.128	.078	.045	.089	.055	.032	.052	.033	.019	.017	.011	.006		
10.0	.143	.086	.048	.123	.075	.042	.085	.053	.030	.050	.031	.018	.016	.010	.006		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm											
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)						TYPE:PVC		WEIGHT:			
DIM.: 21mm*11.5mm						SPEC.:		SERIAL No.:20220512			
MFR.: OLYMPIA						SUR.:1*0.0165		PROTECTION 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	2H	19.0	20.5	19.3	20.8	21.0	19.1	20.6	19.4	20.8	21.1
	3H	20.5	21.9	20.8	22.1	22.5	20.7	22.0	21.0	22.3	22.6
	4H	21.1	22.4	21.4	22.7	23.0	21.3	22.6	21.7	22.9	23.2
	6H	21.5	22.7	21.8	23.0	23.4	21.8	23.0	22.1	23.3	23.7
	8H	21.6	22.8	22.0	23.1	23.5	21.9	23.1	22.3	23.4	23.8
	12H	21.6	22.8	22.0	23.1	23.5	22.0	23.1	22.4	23.5	23.9
4H	2H	19.6	20.9	20.0	21.2	21.6	19.7	21.0	20.0	21.3	21.6
	3H	21.3	22.4	21.7	22.8	23.1	21.4	22.5	21.8	22.9	23.3
	4H	22.0	23.0	22.4	23.4	23.8	22.2	23.2	22.6	23.6	24.0
	6H	22.5	23.4	22.9	23.8	24.3	22.8	23.7	23.2	24.1	24.5
	8H	22.7	23.5	23.1	23.9	24.4	23.0	23.8	23.4	24.2	24.7
	12H	22.8	23.6	23.3	24.0	24.5	23.1	23.9	23.6	24.3	24.8
8H	4H	22.2	23.1	22.7	23.5	24.0	22.4	23.3	22.9	23.7	24.1
	6H	22.9	23.6	23.4	24.1	24.6	23.1	23.8	23.6	24.3	24.8
	8H	23.2	23.8	23.7	24.3	24.8	23.4	24.0	23.9	24.5	25.1
	12H	23.4	23.9	23.9	24.4	24.9	23.6	24.2	24.2	24.7	25.2
12H	4H	22.2	23.0	22.7	23.5	24.0	22.4	23.2	22.9	23.6	24.1
	6H	23.0	23.6	23.5	24.1	24.6	23.2	23.8	23.7	24.3	24.8
	8H	23.2	23.8	23.8	24.3	24.8	23.5	24.0	24.0	24.6	25.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

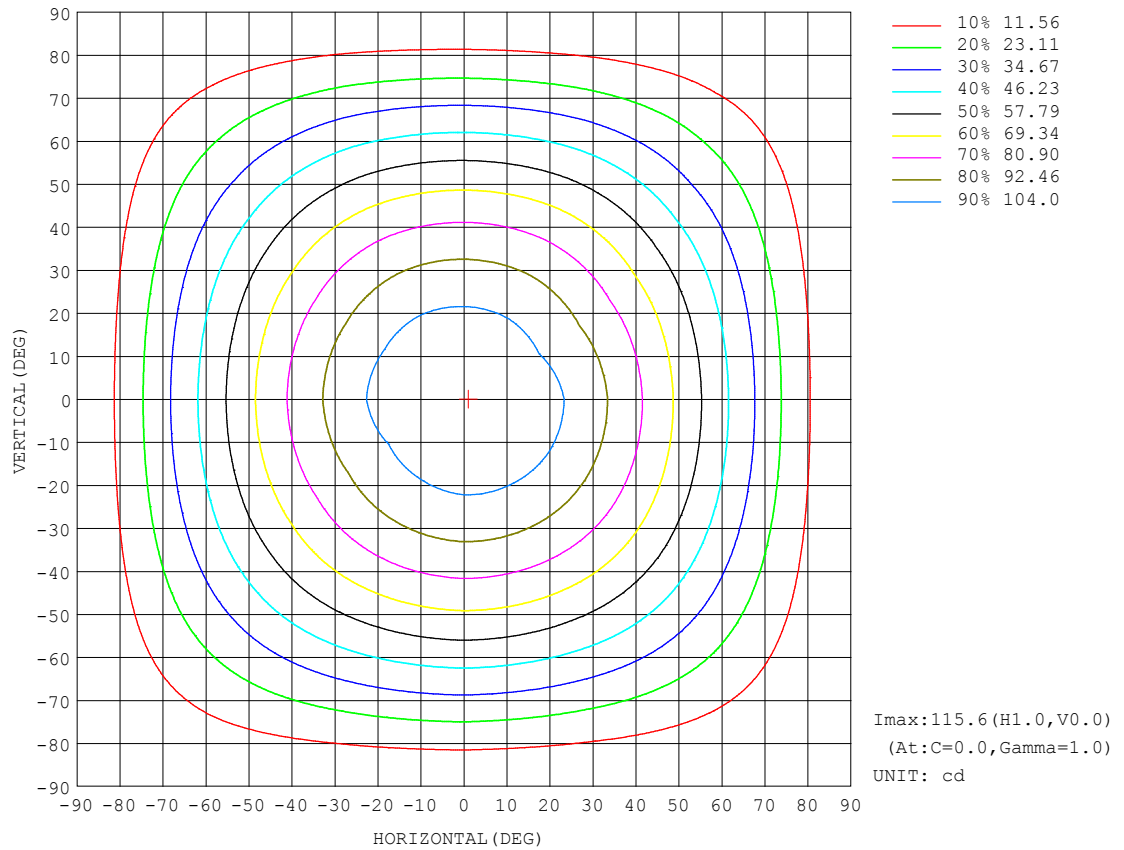
CIE Pub.117 Corrected 335.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)	TYPE:PVC	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

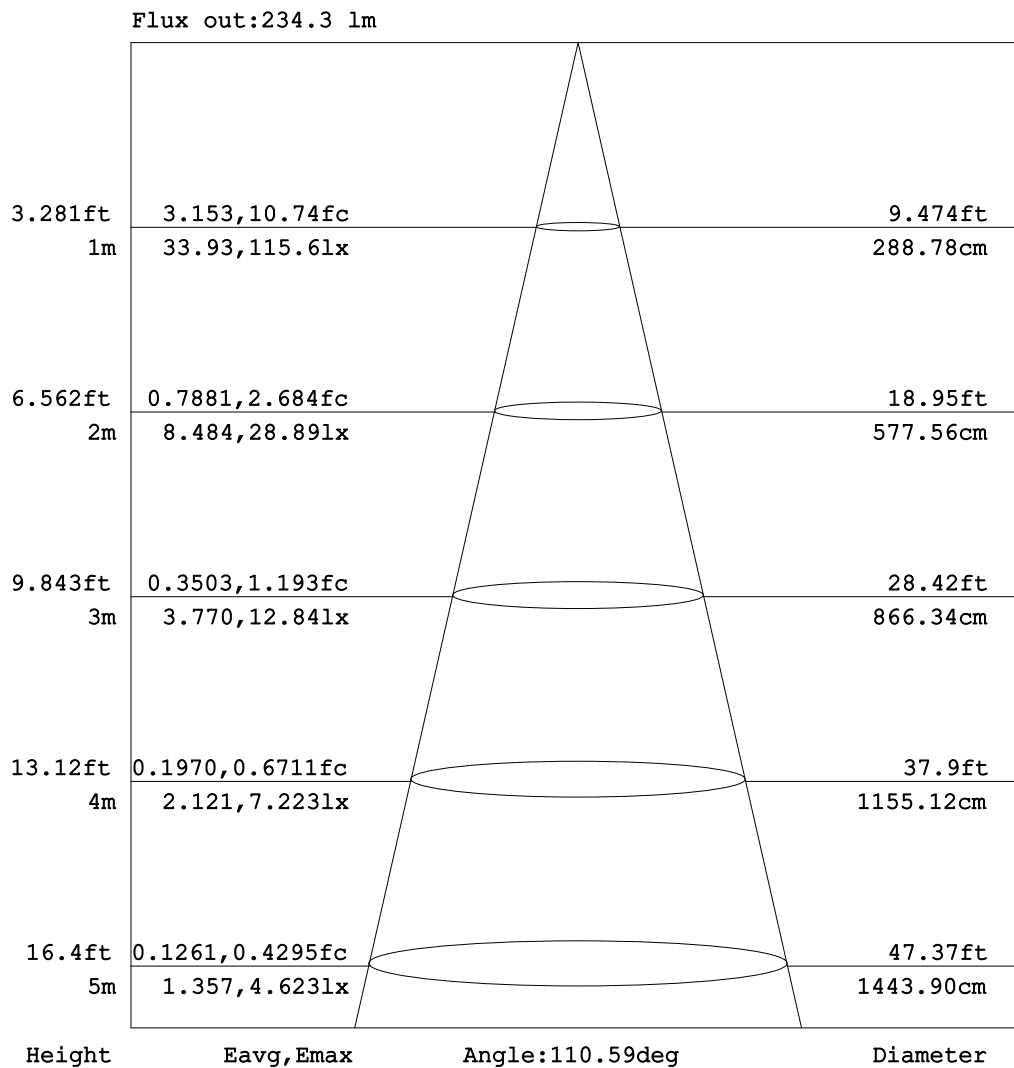


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)	TYPE:PVC	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



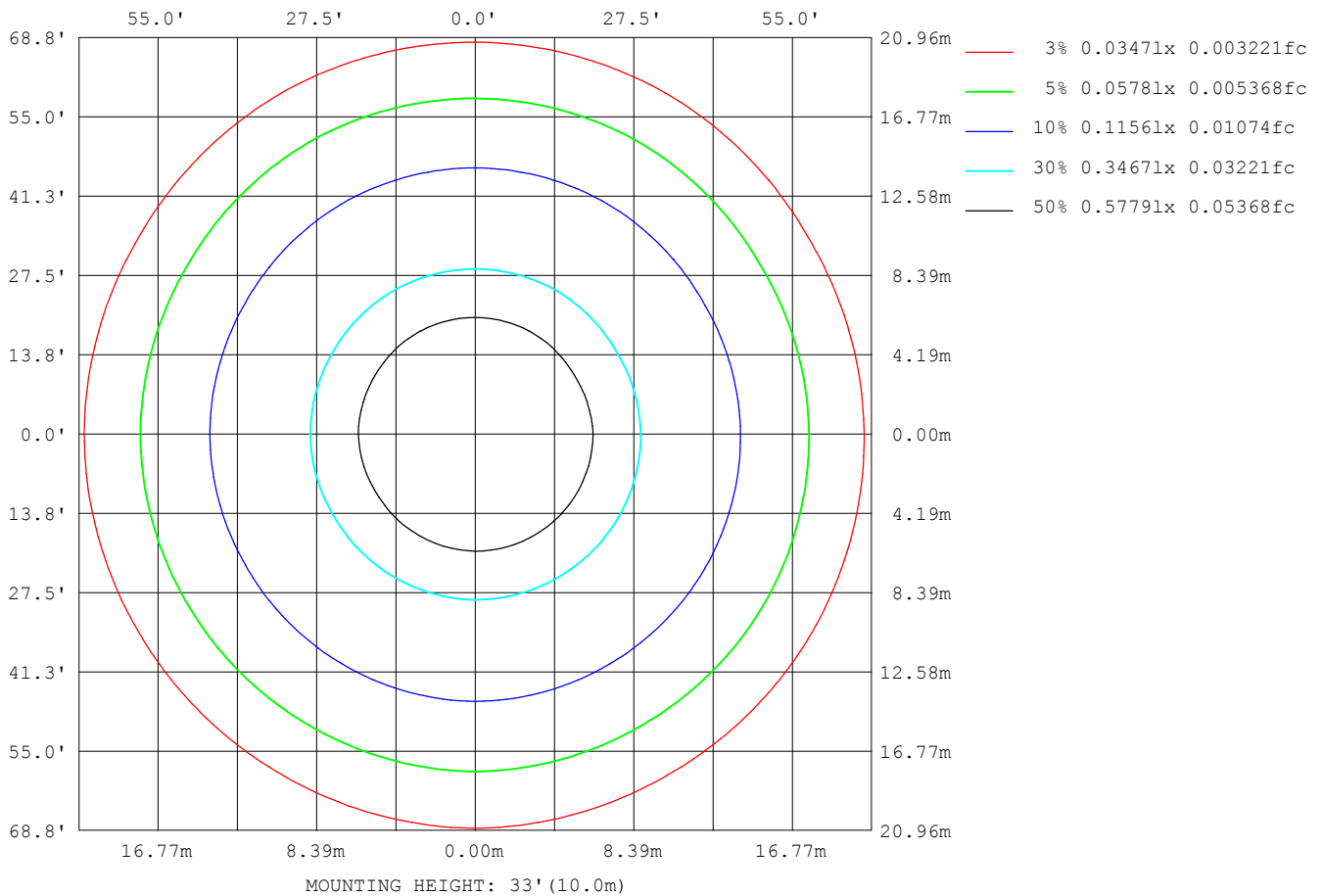
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

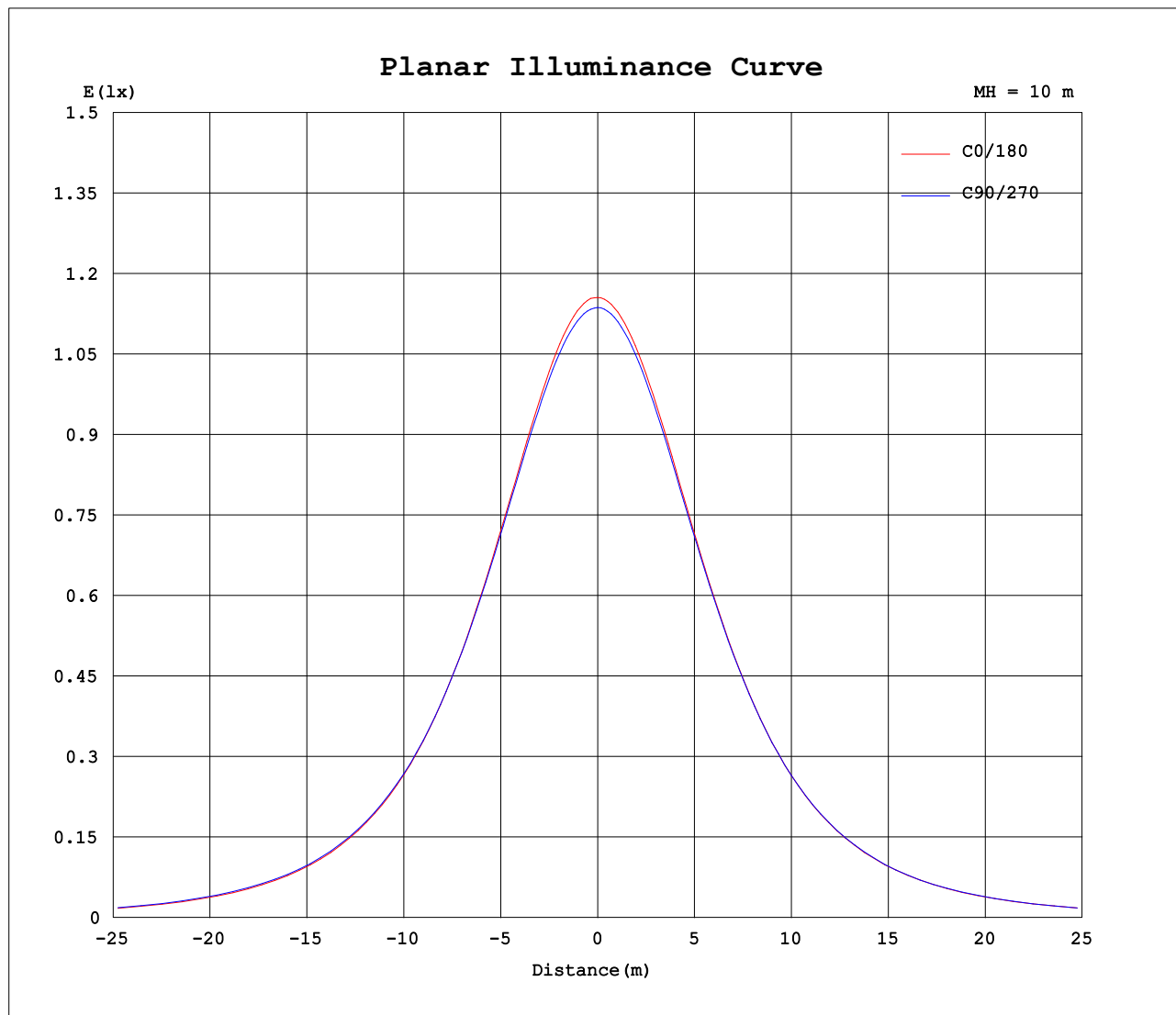
Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)	TYPE:PVC	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
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: HXJ
Test Date: 2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5872A P:14.09W PF:1.000 Lamp Flux:335.515x1 lm		
NAME: SF15-24V-5050-56-SPI4-RGBW- (5000K)	TYPE:PVC	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220512
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	116	115	114	114	113	113	116	115	114	114	113	113						
5	115	114	114	113	113	112	115	114	114	113	113	112						
10	114	113	112	112	111	111	113	112	112	111	111	111						
15	111	110	110	109	108	108	110	109	109	109	109	108						
20	107	107	106	106	105	104	106	106	106	105	105	104						
25	102	102	102	102	100	99.7	102	101	101	101	101	99.7						
30	96.7	96.7	96.3	96.2	95.1	94.3	96.0	95.3	95.6	95.5	95.2	94.3						
35	90.3	90.4	90.2	90.1	89.0	88.2	89.6	89.0	89.5	89.3	89.1	88.1						
40	83.1	83.4	83.2	83.3	82.3	81.4	82.6	82.0	82.6	82.5	82.2	81.2						
45	75.5	75.7	75.7	75.9	74.9	74.0	74.9	74.4	75.1	75.0	74.7	73.7						
50	67.1	67.5	67.5	68.0	66.9	66.1	66.8	66.4	67.1	67.0	66.7	65.5						
55	58.2	58.8	58.9	59.6	58.6	57.9	58.4	57.9	58.7	58.6	58.2	56.9						
60	49.1	49.8	50.0	50.8	49.8	49.3	49.6	49.0	50.0	49.8	49.3	48.0						
65	39.7	40.4	40.7	41.7	40.8	40.4	40.6	40.2	41.0	40.8	40.2	38.9						
70	30.2	31.0	31.3	32.4	31.6	31.4	31.5	31.2	31.8	31.6	31.0	29.7						
75	20.9	21.6	21.9	23.1	22.5	22.5	22.4	22.0	22.7	22.5	21.7	20.5						
80	12.4	12.9	13.1	14.1	13.8	14.1	13.7	13.4	13.9	13.7	13.0	12.0						
85	5.62	5.85	5.85	6.42	6.20	6.53	6.08	5.98	6.26	6.22	5.73	5.36						
90	1.72	1.83	2.03	2.37	2.32	2.47	1.86	1.94	2.12	2.32	1.77	1.42						
95	1.16	1.37	1.88	2.36	1.99	1.60	0.74	1.10	1.79	2.32	1.61	0.91						
100	1.17	1.44	1.89	2.32	1.99	1.63	0.72	1.07	1.81	2.29	1.65	0.91						
105	1.25	1.50	1.94	2.30	1.99	1.68	0.80	1.12	1.82	2.17	1.69	1.00						
110	1.33	1.58	1.98	2.30	1.99	1.74	0.89	1.19	1.83	2.06	1.71	1.08						
115	1.42	1.63	2.01	2.30	2.01	1.78	0.99	1.26	1.83	2.01	1.74	1.14						
120	1.50	1.69	2.05	2.30	2.05	1.82	1.10	1.34	1.83	1.98	1.76	1.21						
125	1.55	1.75	2.06	2.27	2.06	1.85	1.21	1.41	1.84	1.95	1.78	1.28						
130	1.64	1.80	2.06	2.23	2.06	1.88	1.30	1.49	1.85	1.94	1.80	1.37						
135	1.70	1.85	2.07	2.21	2.06	1.88	1.41	1.55	1.87	1.94	1.83	1.44						
140	1.76	1.90	2.08	2.21	2.06	1.89	1.53	1.62	1.90	1.94	1.85	1.52						
145	1.83	1.96	2.08	2.15	2.07	1.91	1.62	1.70	1.94	1.95	1.90	1.60						
150	1.89	2.00	2.09	2.14	2.07	1.95	1.73	1.76	1.97	1.96	1.93	1.68						
155	1.96	2.04	2.09	2.14	2.07	1.99	1.82	1.84	2.01	1.98	1.97	1.75						
160	2.01	2.07	2.12	2.14	2.07	2.04	1.93	1.90	2.04	2.01	2.01	1.83						
165	2.06	2.12	2.13	2.14	2.08	2.08	2.01	1.97	2.07	2.05	2.03	1.91						
170	2.12	2.15	2.13	2.14	2.08	2.12	2.09	2.01	2.09	2.06	2.06	1.97						
175	2.13	2.15	2.13	2.14	2.11	2.12	2.13	2.06	2.12	2.06	2.10	2.02						
180	2.14	2.15	2.14	2.14	2.12	2.12	2.13	2.13	2.15	2.14	2.13	2.08						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-05-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
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	115.6	114.8	114.2	113.7	113.1	112.7	115.6	114.8	114.2	113.7
3.0	115.5	114.7	114.1	113.5	113.0	112.5	115.3	114.5	114.0	113.5
6.0	114.9	114.2	113.5	113.0	112.4	111.9	114.7	113.8	113.3	112.8
9.0	113.9	113.3	112.6	112.1	111.4	110.9	113.6	112.7	112.3	111.9
12.0	112.5	112.1	111.4	110.9	110.1	109.6	112.2	111.3	111.0	110.6
15.0	110.8	110.4	109.7	109.4	108.4	107.9	110.3	109.4	109.3	108.9
18.0	108.7	108.4	107.7	107.4	106.4	105.8	108.1	107.3	107.2	106.8
21.0	106.1	106.0	105.3	105.1	104.0	103.5	105.6	104.6	104.8	104.4
24.0	103.4	103.2	102.6	102.5	101.4	100.7	102.7	101.9	102.0	101.7
27.0	100.2	100.0	99.67	99.40	98.41	97.60	99.46	98.68	98.96	98.79
30.0	96.75	96.72	96.35	96.23	95.15	94.33	96.01	95.25	95.63	95.46
33.0	93.00	93.00	92.71	92.63	91.56	90.72	92.25	91.58	92.00	91.86
36.0	88.93	89.00	88.82	88.80	87.75	86.86	88.26	87.59	88.13	88.02
39.0	84.62	84.84	84.67	84.74	83.67	82.79	84.03	83.44	84.01	83.90
42.0	80.14	80.39	80.28	80.46	79.35	78.51	79.59	79.06	79.66	79.54
45.0	75.47	75.72	75.68	75.94	74.87	74.01	74.93	74.42	75.09	75.04
48.0	70.43	70.90	70.86	71.25	70.16	69.37	70.14	69.58	70.38	70.29
51.0	65.31	65.83	65.88	66.36	65.30	64.54	65.19	64.63	65.48	65.39
54.0	60.02	60.62	60.70	61.30	60.27	59.56	60.08	59.72	60.42	60.37
57.0	54.65	55.35	55.40	56.18	55.12	54.55	54.89	54.31	55.25	55.16
60.0	49.13	49.79	49.96	50.79	49.84	49.30	49.58	49.01	49.96	49.79
63.0	43.50	44.17	44.44	45.34	44.46	43.96	44.17	43.54	44.57	44.46
66.0	37.79	38.52	38.81	39.84	39.01	38.67	38.75	38.26	39.13	38.96
69.0	32.12	32.82	33.15	34.27	33.50	33.23	33.27	32.77	33.64	33.39
72.0	26.45	27.15	27.51	28.68	27.99	27.82	27.80	27.40	28.13	27.93
75.0	20.93	21.64	21.93	23.14	22.52	22.50	22.43	22.03	22.67	22.45
78.0	15.63	16.24	16.52	17.62	17.15	17.26	17.16	16.83	17.37	17.09
81.0	10.86	11.28	11.51	12.45	12.09	12.46	12.07	11.89	12.28	12.07
84.0	6.775	7.070	7.083	7.807	7.521	7.763	7.446	7.216	7.647	7.537
87.0	3.560	3.823	3.701	4.074	3.922	4.426	3.921	3.749	3.952	3.925
90.0	1.718	1.832	2.034	2.367	2.320	2.470	1.861	1.943	2.119	2.318
93.0	1.187	1.362	1.885	2.362	2.011	1.758	1.013	1.263	1.779	2.317
96.0	1.156	1.377	1.885	2.362	1.985	1.598	0.6734	1.071	1.799	2.322
99.0	1.161	1.407	1.890	2.327	1.985	1.618	0.6988	1.065	1.804	2.292
102.0	1.201	1.468	1.910	2.302	1.985	1.649	0.7491	1.080	1.809	2.242
105.0	1.251	1.503	1.940	2.302	1.985	1.684	0.8044	1.121	1.824	2.171
108.0	1.306	1.548	1.970	2.302	1.985	1.719	0.8597	1.161	1.824	2.096
111.0	1.352	1.583	1.985	2.302	1.985	1.749	0.9199	1.211	1.829	2.041
114.0	1.407	1.618	2.005	2.302	1.995	1.774	0.9752	1.256	1.829	2.015
117.0	1.442	1.654	2.040	2.302	2.010	1.799	1.031	1.292	1.829	1.990
120.0	1.498	1.689	2.051	2.302	2.045	1.824	1.096	1.337	1.834	1.975
123.0	1.523	1.724	2.056	2.292	2.056	1.840	1.161	1.397	1.839	1.960
126.0	1.563	1.759	2.056	2.251	2.061	1.860	1.222	1.422	1.839	1.945
129.0	1.608	1.794	2.056	2.236	2.061	1.870	1.287	1.472	1.850	1.940
132.0	1.658	1.824	2.061	2.216	2.061	1.885	1.347	1.513	1.865	1.940
135.0	1.699	1.855	2.071	2.206	2.061	1.885	1.413	1.548	1.870	1.940
138.0	1.734	1.885	2.071	2.206	2.061	1.895	1.483	1.583	1.890	1.940
141.0	1.789	1.910	2.076	2.181	2.061	1.895	1.548	1.643	1.905	1.940
144.0	1.814	1.940	2.081	2.156	2.066	1.915	1.603	1.673	1.930	1.945
147.0	1.854	1.970	2.086	2.141	2.066	1.925	1.669	1.729	1.945	1.960
150.0	1.895	1.995	2.086	2.136	2.066	1.945	1.734	1.759	1.970	1.960
153.0	1.930	2.020	2.086	2.136	2.066	1.970	1.789	1.809	1.990	1.970
156.0	1.960	2.041	2.091	2.136	2.066	2.000	1.845	1.849	2.015	1.980
159.0	2.000	2.071	2.106	2.136	2.066	2.030	1.905	1.890	2.031	1.995
162.0	2.050	2.096	2.131	2.136	2.081	2.061	1.960	1.925	2.051	2.010
165.0	2.061	2.116	2.131	2.136	2.081	2.081	2.006	1.970	2.071	2.050
168.0	2.096	2.136	2.131	2.136	2.081	2.106	2.061	1.990	2.086	2.051
171.0	2.121	2.146	2.131	2.136	2.096	2.116	2.101	2.040	2.096	2.056
174.0	2.126	2.146	2.131	2.136	2.111	2.116	2.136	2.051	2.111	2.056
177.0	2.126	2.146	2.136	2.136	2.116	2.116	2.131	2.086	2.141	2.076
180.0	2.141	2.146	2.141	2.136	2.121	2.116	2.131	2.131	2.146	2.141
G/C	300.0	330.0								
0.0	113.1	112.7								
3.0	113.0	112.6								
6.0	112.4	112.0								
9.0	111.5	111.1								
12.0	110.2	109.7								
15.0	108.6	108.0								
18.0	106.6	106.0								
21.0	104.3	103.5								
24.0	101.5	100.8								
27.0	98.49	97.69								
30.0	95.23	94.27								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-05-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

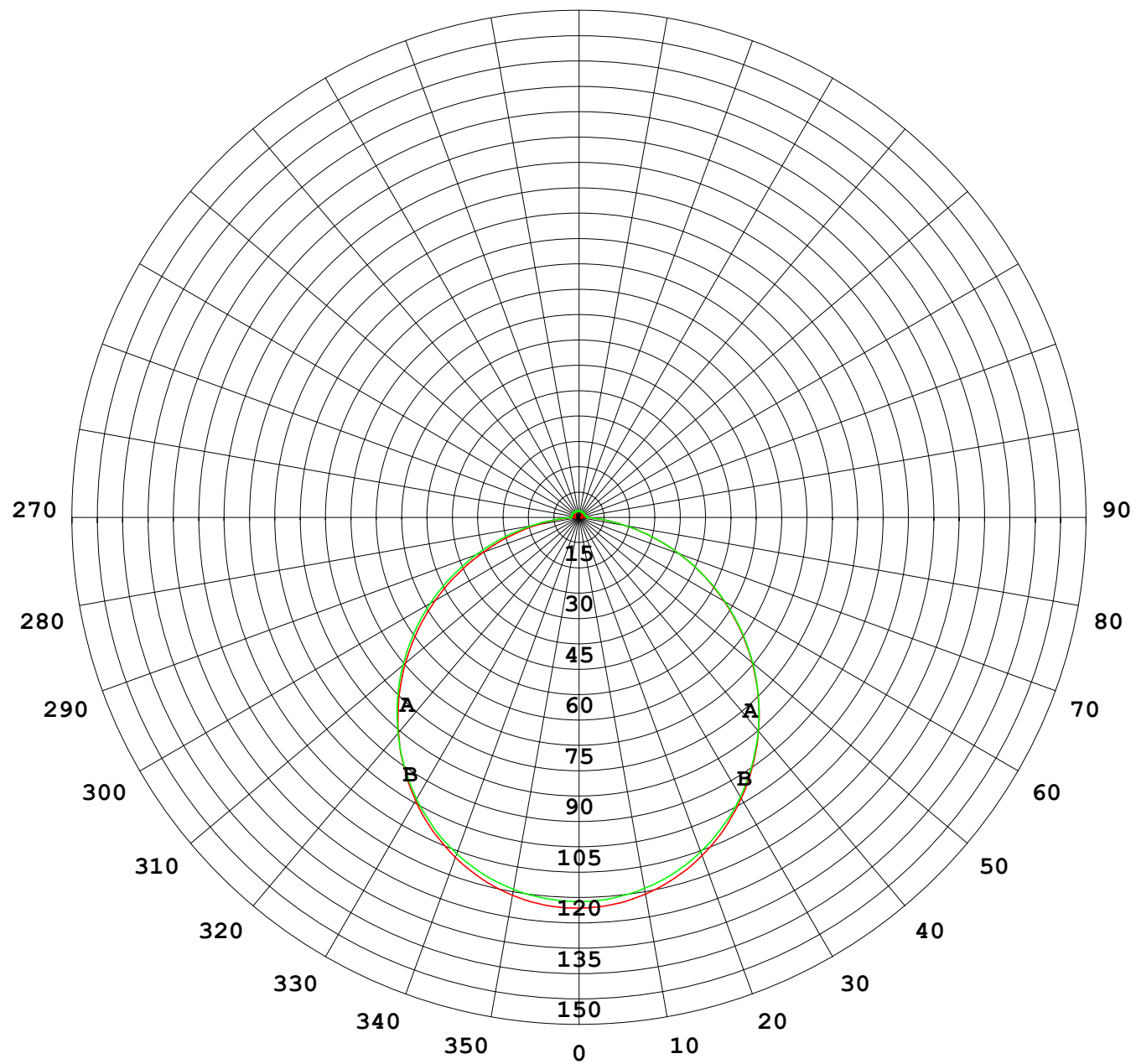
Photometric Data Table [cd]

33.0	91.62	90.70
36.0	87.76	86.72
39.0	83.66	82.66
42.0	79.31	78.29
45.0	74.74	73.69
48.0	69.99	68.75
51.0	65.05	63.75
54.0	59.96	58.82
57.0	54.74	53.24
60.0	49.34	48.01
63.0	43.87	42.44
66.0	38.38	36.91
69.0	32.80	31.43
72.0	27.20	25.78
75.0	21.73	20.49
78.0	16.43	15.38
81.0	11.44	10.58
84.0	7.005	6.465
87.0	3.630	3.220
90.0	1.772	1.421
93.0	1.598	0.9252
96.0	1.618	0.9097
99.0	1.639	0.9097
102.0	1.664	0.9447
105.0	1.689	1.0000
108.0	1.699	1.035
111.0	1.729	1.076
114.0	1.744	1.121
117.0	1.754	1.166
120.0	1.764	1.206
123.0	1.769	1.251
126.0	1.779	1.306
129.0	1.794	1.342
132.0	1.814	1.407
135.0	1.829	1.442
138.0	1.844	1.498
141.0	1.860	1.538
144.0	1.885	1.578
147.0	1.910	1.648
150.0	1.935	1.683
153.0	1.955	1.719
156.0	1.975	1.769
159.0	1.995	1.814
162.0	2.010	1.879
165.0	2.030	1.910
168.0	2.051	1.955
171.0	2.071	1.975
174.0	2.086	2.015
177.0	2.116	2.050
180.0	2.131	2.076

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-05-12

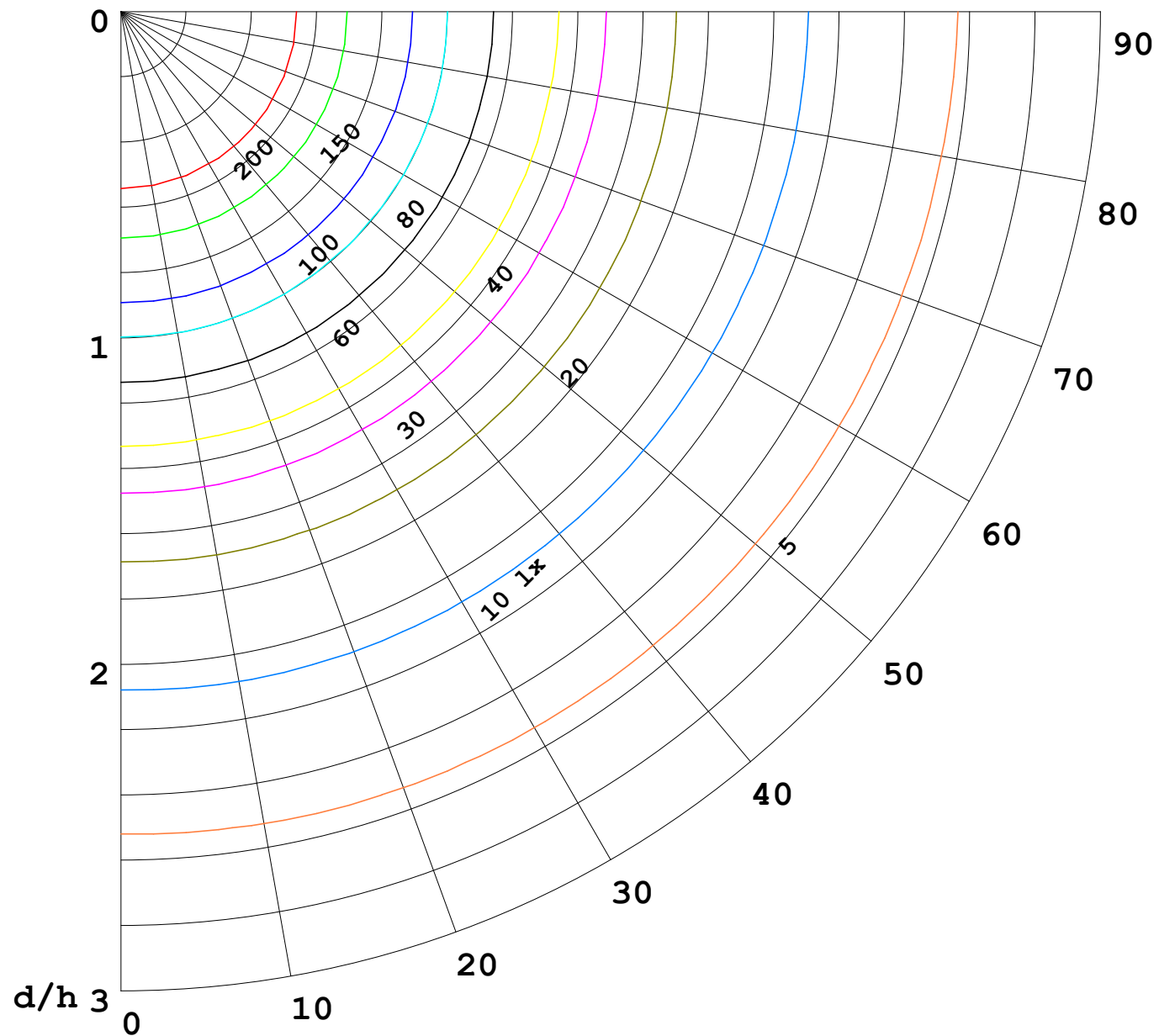
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

