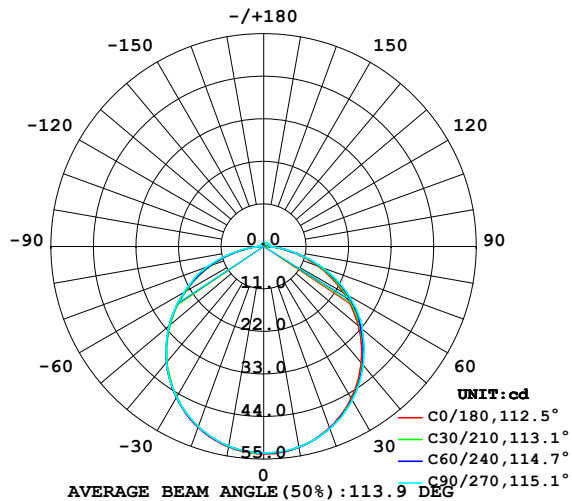


LUMINAIRE PHOTOMETRIC TEST REPORT

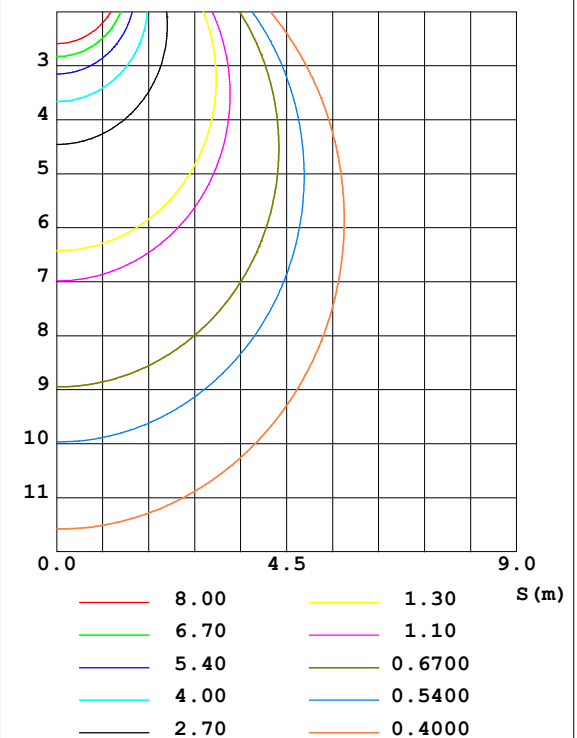
Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 28.38 lm/W			
MODEL	5050	I _{max} (cd)	53.61	S/MH (C0/180)	1.26
NOMINAL POWER (W)	5	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	160.62	η UP, DN (C0-180)	2.0, 48.8
NOMINAL FLUX (lm)	160.601	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 47.8
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



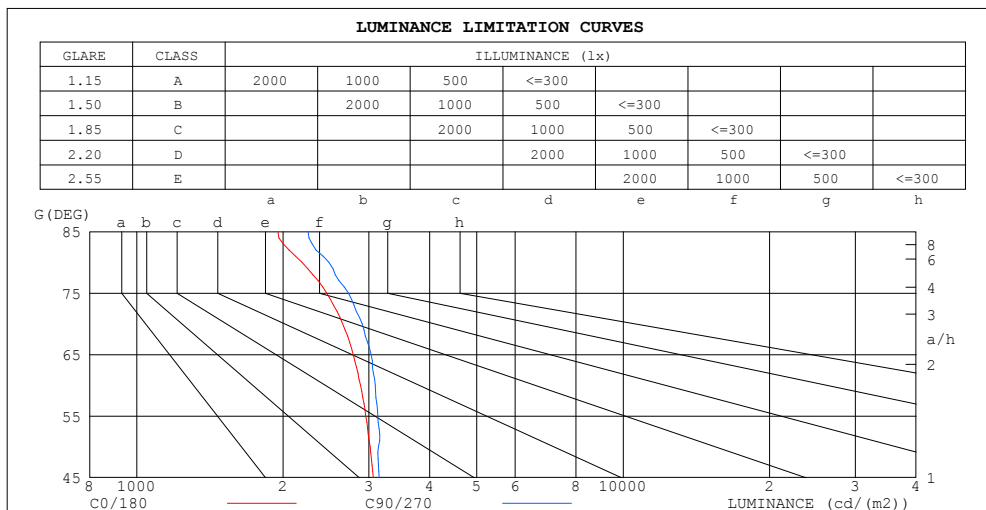
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-30

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	52.71	52.66	52.62	52.38	52.64	52.46	52.40	52.30	0- 10	5.055	5.055	3.15,3.15
20	49.85	50.02	50.11	49.71	49.76	49.59	49.56	49.49	10- 20	14.49	19.54	12.2,12.2
30	45.30	45.66	45.84	45.30	45.14	45.01	45.08	44.98	20- 30	21.99	41.53	25.9,25.9
40	39.25	39.78	40.09	39.36	39.06	39.02	39.12	39.03	30- 40	26.56	68.10	42.4,42.4
50	31.99	32.68	33.33	32.16	31.74	31.78	31.92	31.85	40- 50	27.66	95.75	59.6,59.6
60	23.79	24.78	25.51	23.93	23.49	23.56	23.82	23.72	50- 60	25.22	121.0	75.3,75.3
70	14.96	15.83	16.41	15.06	14.63	14.72	15.69	15.01	60- 70	19.49	140.5	87.4,87.5
80	6.266	6.839	7.119	6.268	5.876	5.967	6.691	6.286	70- 80	11.32	151.8	94.5,94.5
90	0.9676	1.407	1.709	1.219	0.7620	0.8874	1.132	0.8773	80- 90	3.419	155.2	96.6,96.6
100	0.5297	1.168	1.527	1.031	0.4081	0.6747	0.9801	0.5772	90-100	0.9906	156.2	97.2,97.3
110	0.5628	1.138	1.452	1.024	0.4172	0.6566	0.8896	0.5853	100-110	0.9012	157.1	97.8,97.8
120	0.6432	1.078	1.322	0.9931	0.5027	0.6622	0.8292	0.6037	110-120	0.8320	157.9	98.3,98.3
130	0.7136	1.013	1.161	0.9529	0.5982	0.6924	0.8203	0.6423	120-130	0.7426	158.7	98.8,98.8
140	0.8041	0.9675	1.025	0.9323	0.7038	0.7421	0.8239	0.7036	130-140	0.6433	159.3	99.2,99.2
150	0.8622	0.9549	0.9951	0.9379	0.8142	0.8066	0.8274	0.7848	140-150	0.5354	159.8	99.5,99.5
160	0.9197	0.9766	0.9965	0.9613	0.9047	0.8845	0.8543	0.8695	150-160	0.4137	160.3	99.8,99.8
170	0.9527	0.9888	1.010	0.9696	0.9801	0.9559	0.9263	0.9474	160-170	0.2671	160.5	99.9,100
180	0.9951	0.9976	1.010	0.9850	1.005	0.9901	0.9901	0.9750	170-180	0.0930	160.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1951	2250
80	2187	2485
75	2456	2723
70	2651	2907
65	2786	3032
60	2883	3092
55	2957	3132
50	3017	3142
45	3065	3149

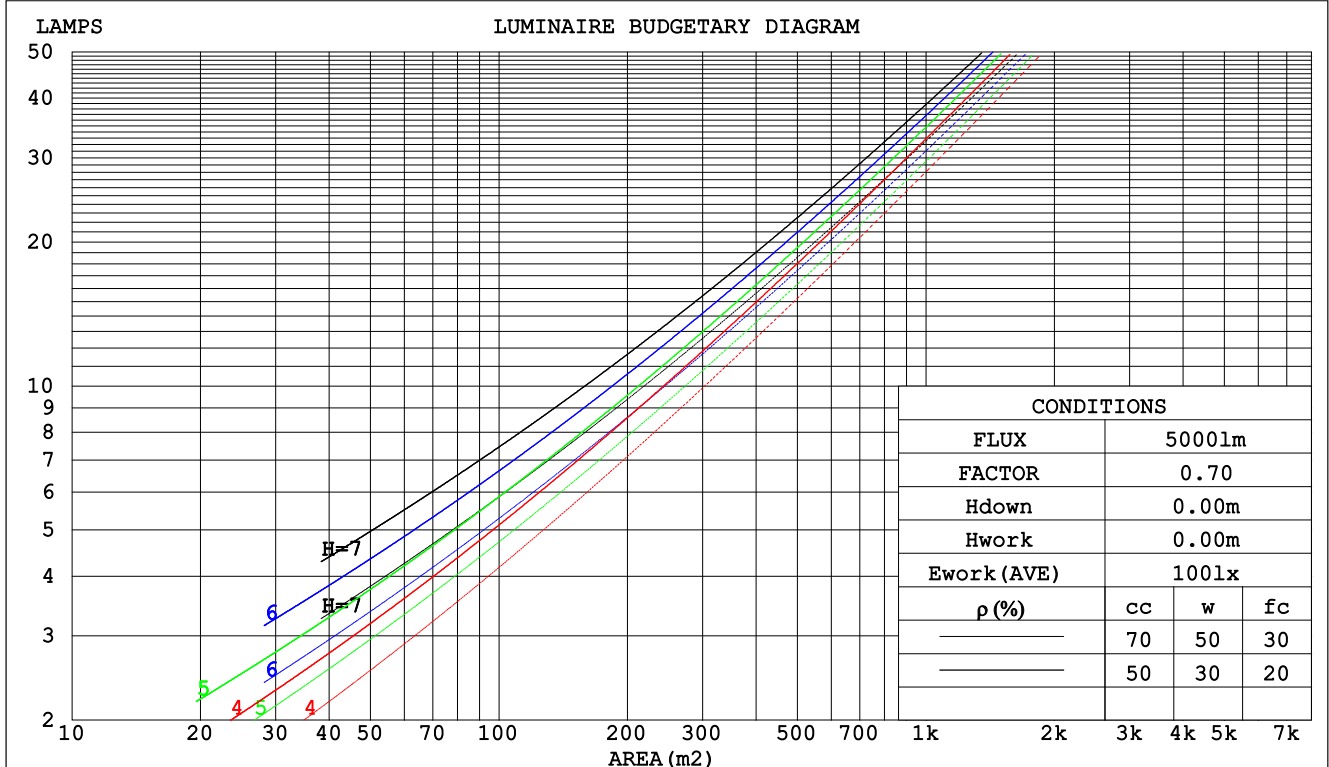
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
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	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
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	.313	.178	.056	.305	.174	.055	.290	.166	.053	.276	.159	.051	.263	.153	.049		
2.0	.294	.161	.049	.286	.158	.049	.273	.152	.047	.260	.146	.046	.249	.141	.044		
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.241	.132	.041	.231	.128	.040		
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.231	.118	.034	.226	.116	.034	.216	.112	.033	.207	.109	.032	.199	.106	.032		
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026		
8.0	.186	.091	.025	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.155	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.206	.182	.160	.177	.156	.138	.121	.107	.095	.070	.062	.055	.022	.020	.018	
2.0	.199	.158	.124	.170	.136	.107	.117	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.141	.100	.164	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.183	.127	.085	.157	.110	.073	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.117	.074	.151	.101	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.066	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.139	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
8.0	.156	.096	.055	.134	.083	.048	.093	.059	.034	.054	.035	.020	.017	.011	.007	
9.0	.149	.091	.052	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.049	.124	.076	.043	.086	.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:2022-03-30

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:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm											
NAME: SF16-24V-5050-70-SPI3-RGB-G						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022033001			
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	16.5	18.0	16.9	18.3	18.6	16.8	18.3	17.1	18.5	18.8	
	3H	18.1	19.4	18.4	19.7	20.0	18.4	19.8	18.8	20.1	20.4
	4H	18.7	20.0	19.0	20.3	20.6	19.1	20.4	19.4	20.7	21.0
	6H	19.1	20.3	19.5	20.7	21.0	19.5	20.8	19.9	21.1	21.4
	8H	19.2	20.4	19.6	20.8	21.1	19.7	20.9	20.1	21.2	21.6
	12H	19.3	20.4	19.7	20.8	21.2	19.8	20.9	20.2	21.3	21.6
4H	2H	17.2	18.5	17.6	18.8	19.1	17.4	18.7	17.7	19.0	19.3
	3H	18.9	20.0	19.3	20.4	20.8	19.2	20.3	19.6	20.7	21.1
	4H	19.6	20.7	20.1	21.1	21.5	20.0	21.0	20.4	21.4	21.8
	6H	20.2	21.1	20.6	21.5	22.0	20.6	21.5	21.0	21.9	22.3
	8H	20.4	21.2	20.8	21.7	22.1	20.8	21.6	21.2	22.1	22.5
	12H	20.5	21.3	21.0	21.7	22.2	20.9	21.7	21.4	22.2	22.6
8H	4H	19.9	20.8	20.4	21.2	21.7	20.2	21.1	20.7	21.5	22.0
	6H	20.6	21.4	21.1	21.8	22.3	21.0	21.7	21.5	22.2	22.7
	8H	20.9	21.5	21.4	22.0	22.6	21.3	21.9	21.8	22.4	22.9
	12H	21.1	21.7	21.7	22.2	22.7	21.5	22.0	22.0	22.6	23.1
12H	4H	20.0	20.7	20.4	21.2	21.7	20.2	21.0	20.7	21.5	21.9
	6H	20.7	21.3	21.2	21.8	22.4	21.0	21.7	21.5	22.1	22.7
	8H	21.0	21.6	21.6	22.1	22.6	21.4	21.9	21.9	22.4	23.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 160.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.4)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-30

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:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

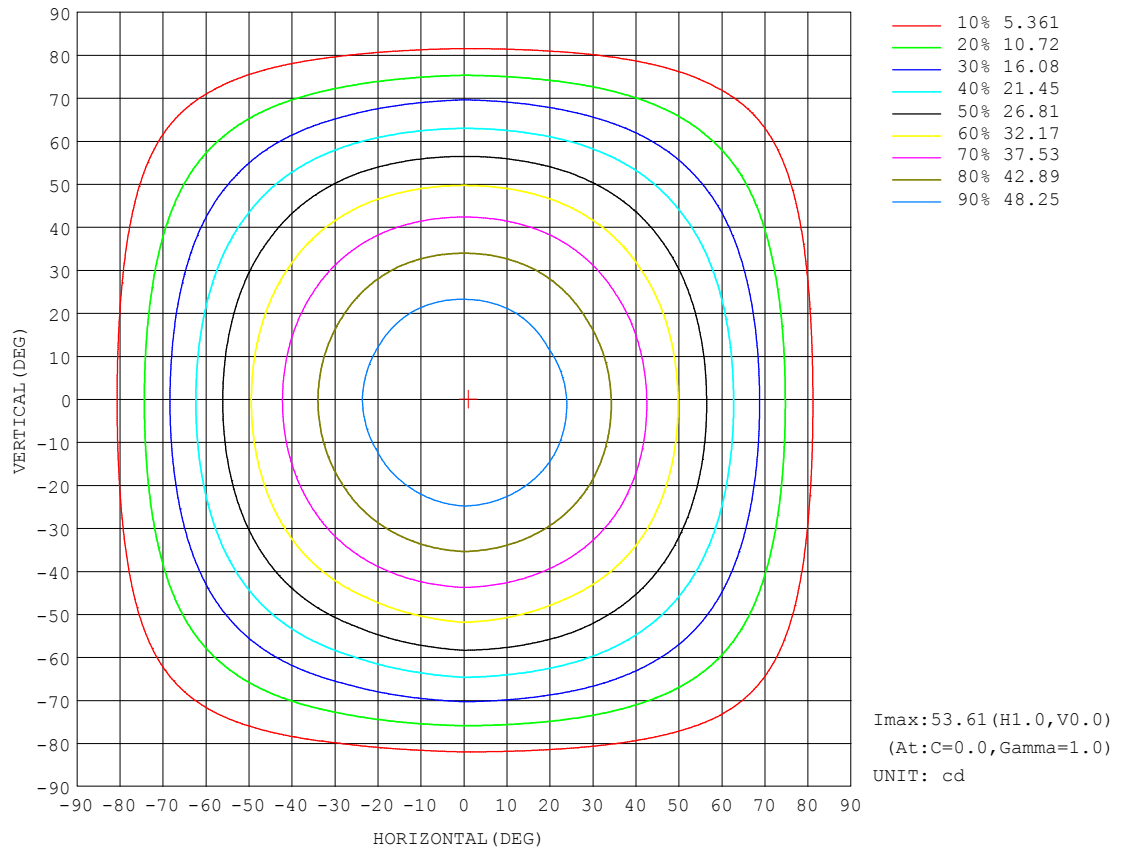
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	88	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	107	102	98	105	100	96	100	96	93	83
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: HXJ
 Test Date: 2022-03-30

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:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

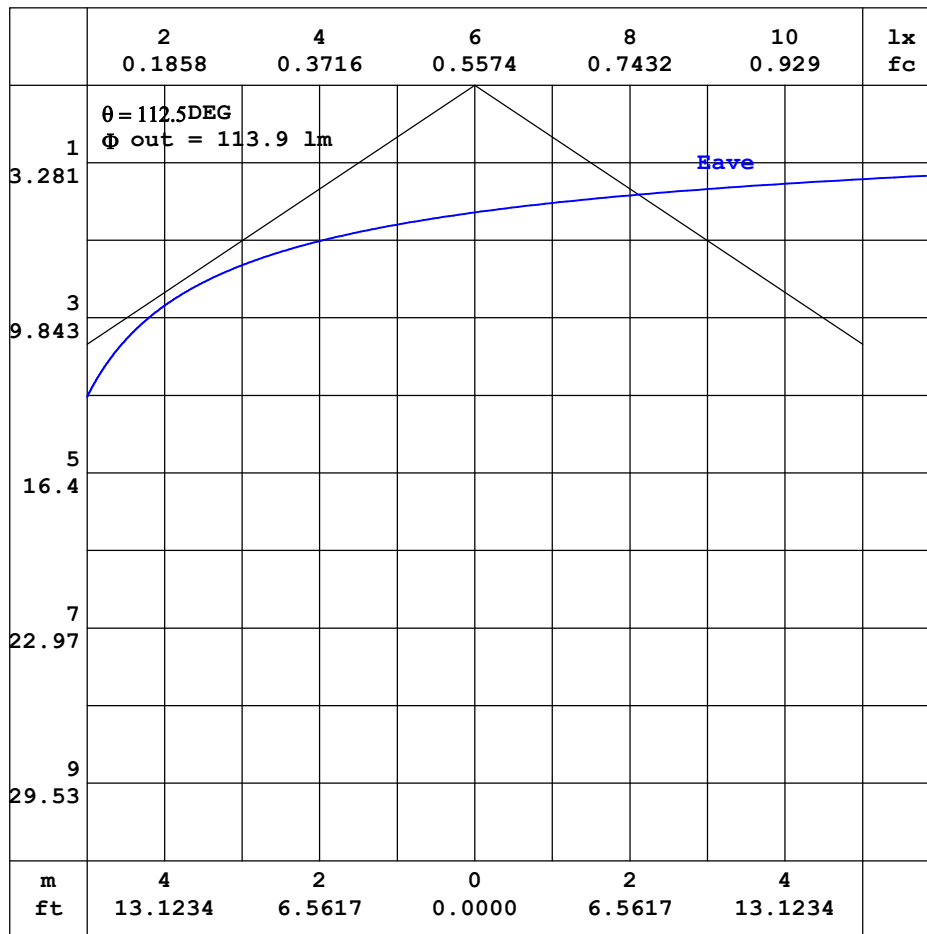


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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 CURVES

Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



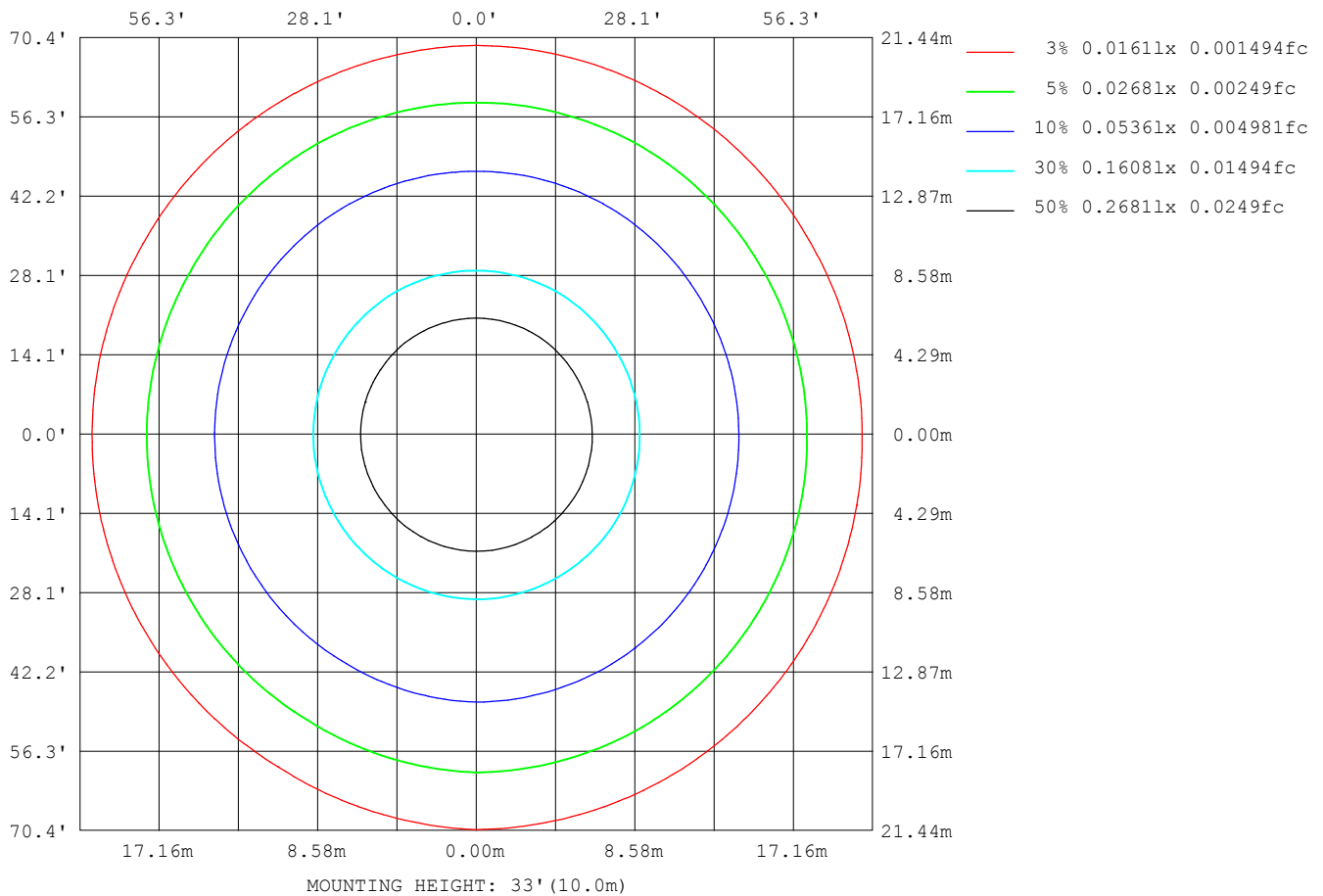
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-30

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

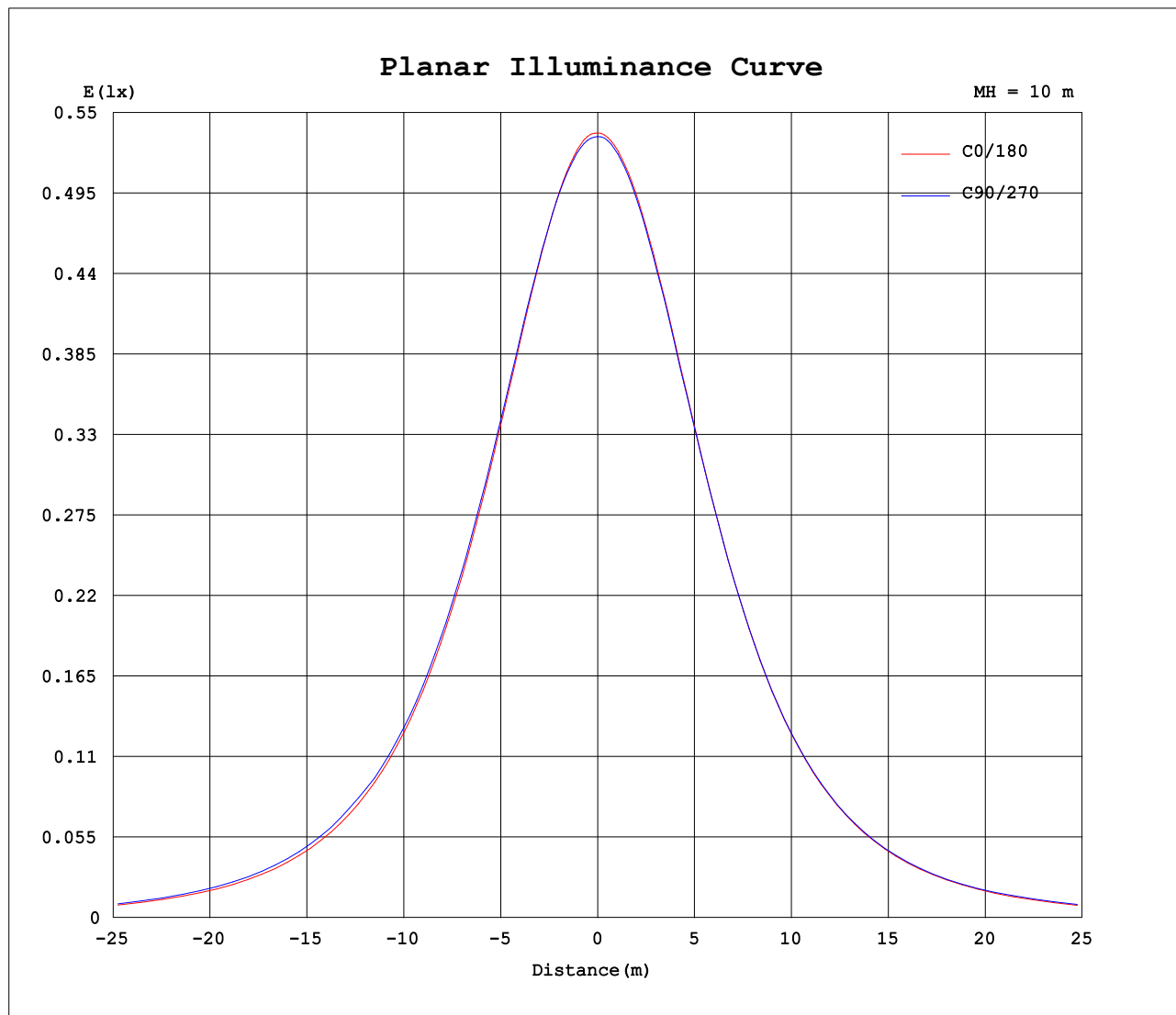
Test:U:24.00V I:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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: 2022-03-30

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:0.2358A P:5.659W PF:1.000 Lamp Flux:160.601x1 lm		
NAME: SF16-24V-5050-70-SPI3-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033001
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	53.6	53.5	53.4	53.4	53.3	53.2	53.6	53.5	53.4	53.4	53.3	53.2						
5	53.4	53.3	53.3	53.2	53.1	53.0	53.4	53.3	53.1	53.1	53.0	53.0						
10	52.7	52.7	52.7	52.6	52.5	52.3	52.6	52.5	52.4	52.4	52.3	52.3						
15	51.5	51.6	51.6	51.6	51.4	51.2	51.4	51.2	51.2	51.2	51.1	51.0						
20	49.8	50.0	50.1	50.1	49.8	49.6	49.8	49.6	49.6	49.6	49.5	49.4						
25	47.8	48.0	48.1	48.2	47.8	47.6	47.7	47.4	47.6	47.5	47.5	47.4						
30	45.3	45.6	45.7	45.8	45.5	45.1	45.1	44.9	45.1	45.1	45.1	44.9						
35	42.4	42.8	43.0	43.1	42.7	42.3	42.3	42.1	42.3	42.3	42.3	42.1						
40	39.3	39.7	39.8	40.1	39.6	39.2	39.1	38.9	39.1	39.1	39.1	38.9						
45	35.8	36.3	36.4	36.7	36.1	35.7	35.5	35.4	35.7	35.7	35.7	35.5						
50	32.0	32.6	32.8	33.3	32.4	31.9	31.7	31.6	31.9	31.9	32.0	31.7						
55	28.0	28.6	29.3	29.6	28.3	27.9	27.7	27.6	27.9	28.0	28.0	27.7						
60	23.8	24.4	25.1	25.5	24.1	23.7	23.5	23.4	23.7	23.8	23.9	23.6						
65	19.4	20.1	20.7	21.1	19.7	19.4	19.1	19.0	19.4	20.0	19.6	19.3						
70	15.0	15.6	16.1	16.4	15.2	14.9	14.6	14.5	14.9	15.7	15.2	14.8						
75	10.5	11.0	11.4	11.6	10.9	10.4	10.1	10.0	10.4	11.0	10.7	10.3						
80	6.27	6.71	6.96	7.12	6.43	6.10	5.88	5.80	6.14	6.69	6.49	6.08						
85	2.81	3.19	3.22	3.24	2.80	2.73	2.48	2.45	2.53	2.95	2.80	2.59						
90	0.97	1.27	1.54	1.71	1.33	1.10	0.76	0.88	0.90	1.13	0.97	0.78						
95	0.53	0.90	1.45	1.55	1.24	0.83	0.42	0.62	0.78	1.04	0.77	0.42						
100	0.53	0.90	1.44	1.53	1.24	0.82	0.41	0.58	0.77	0.98	0.73	0.43						
105	0.53	0.90	1.43	1.50	1.23	0.81	0.39	0.56	0.76	0.93	0.73	0.43						
110	0.56	0.90	1.38	1.45	1.23	0.82	0.42	0.55	0.76	0.89	0.72	0.45						
115	0.61	0.90	1.31	1.40	1.19	0.82	0.46	0.56	0.76	0.85	0.72	0.46						
120	0.64	0.90	1.26	1.32	1.16	0.83	0.50	0.56	0.76	0.83	0.72	0.49						
125	0.68	0.90	1.19	1.24	1.11	0.83	0.56	0.58	0.77	0.82	0.72	0.52						
130	0.71	0.90	1.13	1.16	1.06	0.85	0.60	0.61	0.78	0.82	0.73	0.55						
135	0.76	0.90	1.08	1.09	1.02	0.85	0.66	0.64	0.78	0.82	0.74	0.61						
140	0.80	0.90	1.04	1.03	0.99	0.87	0.70	0.69	0.80	0.82	0.76	0.64						
145	0.85	0.91	1.00	1.00	0.97	0.89	0.76	0.72	0.81	0.83	0.79	0.68						
150	0.86	0.92	0.99	1.00	0.96	0.92	0.81	0.77	0.84	0.83	0.82	0.75						
155	0.88	0.95	0.98	0.99	0.96	0.94	0.86	0.82	0.87	0.83	0.86	0.78						
160	0.92	0.97	0.98	1.00	0.96	0.96	0.90	0.85	0.92	0.85	0.89	0.85						
165	0.93	0.99	0.98	1.00	0.96	0.98	0.94	0.90	0.95	0.89	0.93	0.87						
170	0.95	1.00	0.98	1.01	0.96	0.98	0.98	0.93	0.98	0.93	0.97	0.92						
175	0.97	1.00	0.98	1.02	0.96	0.98	1.01	0.94	0.98	0.95	1.00	0.94						
180	1.00	1.00	1.00	1.01	0.98	0.99	1.01	1.00	0.99	0.99	1.00	0.95						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-30

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	53.61	53.49	53.41	53.36	53.26	53.20	53.61	53.49	53.41	53.36
3.0	53.59	53.44	53.41	53.32	53.24	53.12	53.52	53.43	53.30	53.30
6.0	53.32	53.22	53.19	53.14	53.02	52.88	53.26	53.13	53.04	53.04
9.0	52.90	52.84	52.82	52.76	52.63	52.48	52.82	52.69	52.61	52.60
12.0	52.29	52.28	52.28	52.27	52.07	51.91	52.20	52.06	52.00	51.97
15.0	51.50	51.55	51.58	51.58	51.36	51.18	51.41	51.24	51.24	51.17
18.0	50.56	50.70	50.71	50.73	50.49	50.27	50.44	50.32	50.32	50.26
21.0	49.46	49.64	49.69	49.75	49.46	49.20	49.36	49.18	49.22	49.15
24.0	48.21	48.47	48.51	48.62	48.26	48.01	48.10	47.89	48.04	47.92
27.0	46.83	47.11	47.20	47.30	46.94	46.60	46.68	46.52	46.63	46.57
30.0	45.30	45.60	45.72	45.84	45.45	45.15	45.14	44.92	45.11	45.08
33.0	43.61	44.01	44.10	44.27	43.84	43.48	43.46	43.31	43.46	43.42
36.0	41.84	42.25	42.37	42.55	42.10	41.69	41.65	41.42	41.68	41.67
39.0	39.92	40.33	40.49	40.70	40.21	39.80	39.73	39.60	39.80	39.77
42.0	37.88	38.37	38.50	38.73	38.22	37.80	37.68	37.55	37.78	37.75
45.0	35.76	36.29	36.41	36.74	36.12	35.68	35.53	35.43	35.66	35.67
48.0	33.53	34.05	34.24	34.63	33.90	33.47	33.28	33.13	33.46	33.44
51.0	31.21	31.81	32.07	32.79	31.59	31.17	30.96	30.79	31.14	31.13
54.0	28.82	29.40	30.13	30.42	29.19	28.76	28.54	28.47	28.76	28.79
57.0	26.34	26.93	27.70	27.99	26.70	26.32	26.05	25.83	26.31	26.34
60.0	23.79	24.42	25.14	25.51	24.12	23.74	23.49	23.39	23.74	23.82
63.0	21.19	21.77	22.51	22.85	21.51	21.11	20.87	20.71	21.14	21.40
66.0	18.54	19.16	19.83	20.20	18.79	18.48	18.22	18.06	18.50	19.25
69.0	15.85	16.46	17.05	17.34	16.10	15.76	15.53	15.46	15.81	16.62
72.0	13.17	13.70	14.23	14.43	13.50	13.06	12.80	12.64	13.09	13.81
75.0	10.49	11.04	11.43	11.63	10.86	10.39	10.12	10.03	10.40	10.98
78.0	7.895	8.391	8.700	8.778	8.142	7.748	7.535	7.500	7.811	8.245
81.0	5.476	5.934	6.135	6.239	5.558	5.336	5.108	5.047	5.348	5.802
84.0	3.380	3.779	3.858	3.899	3.391	3.282	3.044	2.987	3.149	3.605
87.0	1.865	2.183	2.227	2.143	1.899	1.832	1.595	1.627	1.570	1.919
90.0	0.9676	1.270	1.544	1.709	1.333	1.105	0.7620	0.8760	0.8988	1.132
93.0	0.5787	0.9146	1.451	1.592	1.252	0.8393	0.4268	0.6485	0.7839	1.081
96.0	0.5278	0.8996	1.445	1.548	1.241	0.8303	0.4188	0.6083	0.7785	1.010
99.0	0.5292	0.8996	1.439	1.531	1.239	0.8246	0.4108	0.5831	0.7732	0.9851
102.0	0.5307	0.8996	1.432	1.520	1.237	0.8188	0.4028	0.5629	0.7678	0.9450
105.0	0.5322	0.8996	1.426	1.498	1.235	0.8130	0.3948	0.5550	0.7625	0.9348
108.0	0.5527	0.8996	1.407	1.487	1.233	0.8153	0.4071	0.5508	0.7627	0.9047
111.0	0.5877	0.8996	1.367	1.442	1.216	0.8177	0.4272	0.5514	0.7630	0.8846
114.0	0.6031	0.8996	1.327	1.407	1.201	0.8212	0.4524	0.5545	0.7632	0.8595
117.0	0.6180	0.8996	1.287	1.367	1.181	0.8272	0.4776	0.5576	0.7634	0.8493
120.0	0.6432	0.8996	1.257	1.322	1.156	0.8302	0.5027	0.5607	0.7637	0.8292
123.0	0.6784	0.8996	1.216	1.266	1.131	0.8332	0.5328	0.5629	0.7639	0.8243
126.0	0.6834	0.8996	1.181	1.236	1.101	0.8343	0.5680	0.5979	0.7689	0.8242
129.0	0.7086	0.8996	1.136	1.176	1.071	0.8423	0.5931	0.6055	0.7750	0.8199
132.0	0.7436	0.8996	1.106	1.131	1.046	0.8513	0.6233	0.6131	0.7804	0.8210
135.0	0.7589	0.8996	1.081	1.091	1.020	0.8545	0.6585	0.6383	0.7841	0.8221
138.0	0.7788	0.8996	1.046	1.060	1.000	0.8595	0.6837	0.6716	0.7932	0.8231
141.0	0.8190	0.8996	1.025	1.015	0.9752	0.8795	0.7189	0.6918	0.8091	0.8242
144.0	0.8392	0.8997	1.005	0.9951	0.9651	0.8846	0.7440	0.7085	0.8142	0.8253
147.0	0.8601	0.9197	0.9952	0.9951	0.9620	0.9017	0.7791	0.7488	0.8293	0.8264
150.0	0.8622	0.9248	0.9850	0.9951	0.9561	0.9197	0.8142	0.7689	0.8443	0.8274
153.0	0.8644	0.9448	0.9845	0.9951	0.9565	0.9299	0.8394	0.7890	0.8595	0.8285
156.0	0.8894	0.9549	0.9839	0.9921	0.9570	0.9499	0.8645	0.8342	0.8846	0.8342
159.0	0.9196	0.9600	0.9834	0.9951	0.9575	0.9600	0.8947	0.8443	0.9048	0.8493
162.0	0.9254	0.9701	0.9828	0.9994	0.9580	0.9750	0.9198	0.8694	0.9299	0.8743
165.0	0.9340	0.9861	0.9823	1.004	0.9584	0.9765	0.9449	0.8994	0.9549	0.8945
168.0	0.9498	0.9951	0.9817	1.009	0.9589	0.9786	0.9701	0.9268	0.9701	0.9179
171.0	0.9556	0.9968	0.9811	1.015	0.9594	0.9808	0.9852	0.9333	0.9813	0.9305
174.0	0.9642	0.9984	0.9806	1.020	0.9599	0.9829	1.000	0.9398	0.9832	0.9497
177.0	0.9749	1.000	0.9800	1.025	0.9649	0.9850	1.005	0.9549	0.9850	0.9548
180.0	0.9951	1.000	0.9951	1.010	0.9800	0.9901	1.005	0.9951	0.9850	0.9901
G/C	300.0	330.0								
0.0	53.26	53.20								
3.0	53.17	53.16								
6.0	52.91	52.90								
9.0	52.49	52.48								
12.0	51.90	51.84								
15.0	51.14	51.04								
18.0	50.23	50.10								
21.0	49.17	49.01								
24.0	47.94	47.77								
27.0	46.58	46.40								
30.0	45.08	44.88								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
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 Operators: HXJ
 Test Date: 2022-03-30

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:

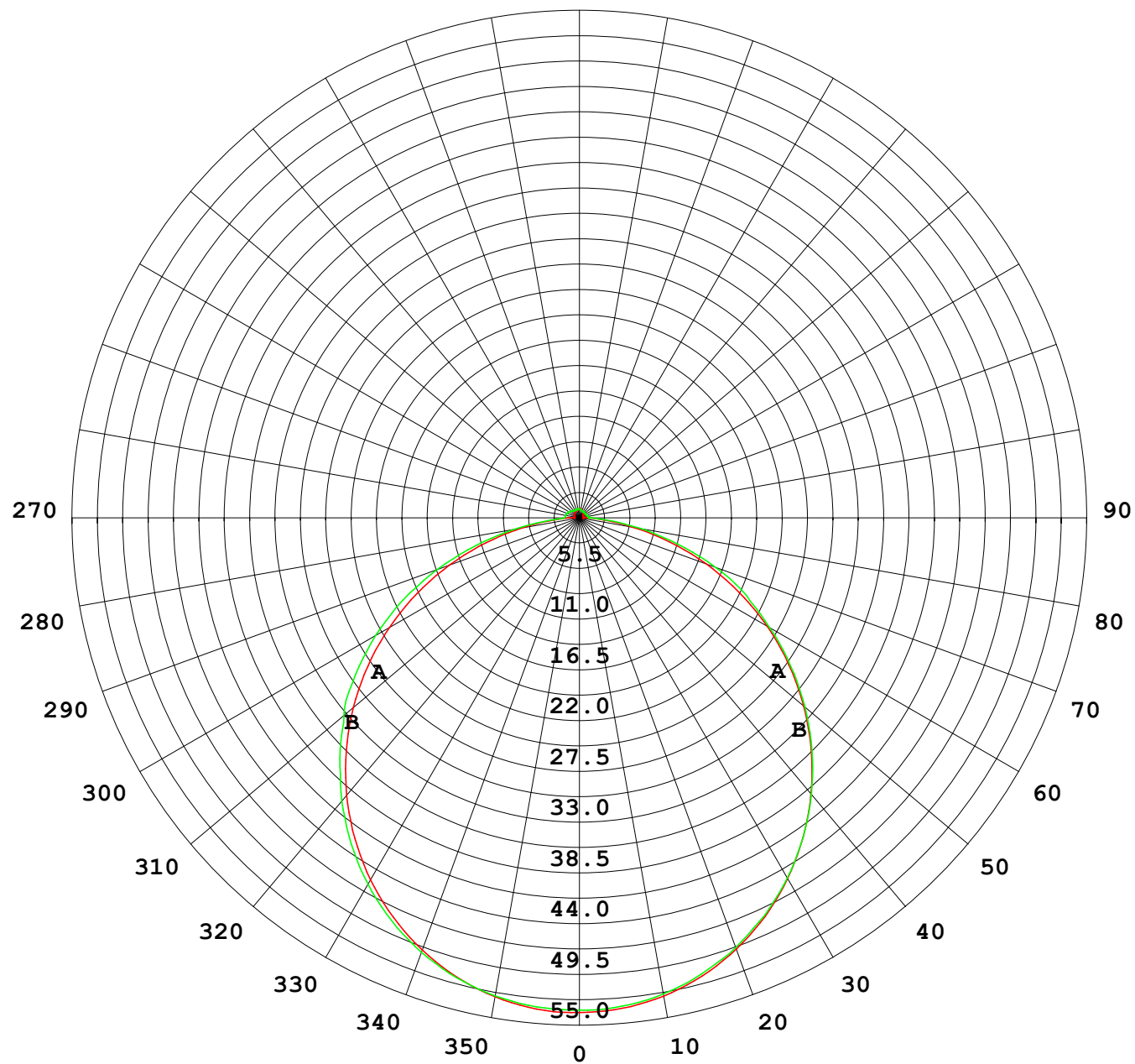
Photometric Data Table [cd]

33.0	43.44	43.23
36.0	41.68	41.50
39.0	39.80	39.54
42.0	37.80	37.54
45.0	35.69	35.48
48.0	33.50	33.15
51.0	31.22	30.97
54.0	28.83	28.49
57.0	26.39	26.07
60.0	23.88	23.57
63.0	21.34	20.98
66.0	18.77	18.36
69.0	16.12	15.73
72.0	13.40	13.10
75.0	10.73	10.35
78.0	8.143	7.727
81.0	5.720	5.358
84.0	3.440	3.183
87.0	1.760	1.702
90.0	0.9738	0.7809
93.0	0.7939	0.4678
96.0	0.7618	0.4222
99.0	0.7286	0.4252
102.0	0.7274	0.4282
105.0	0.7261	0.4312
108.0	0.7249	0.4403
111.0	0.7237	0.4497
114.0	0.7224	0.4591
117.0	0.7212	0.4673
120.0	0.7199	0.4874
123.0	0.7212	0.5176
126.0	0.7237	0.5277
129.0	0.7297	0.5477
132.0	0.7363	0.5828
135.0	0.7438	0.6080
138.0	0.7490	0.6281
141.0	0.7689	0.6632
144.0	0.7841	0.6785
147.0	0.7991	0.7085
150.0	0.8193	0.7503
153.0	0.8445	0.7705
156.0	0.8695	0.7940
159.0	0.8945	0.8442
162.0	0.9098	0.8543
165.0	0.9349	0.8744
168.0	0.9550	0.9045
171.0	0.9751	0.9276
174.0	0.9901	0.9362
177.0	1.000	0.9447
180.0	1.000	0.9499

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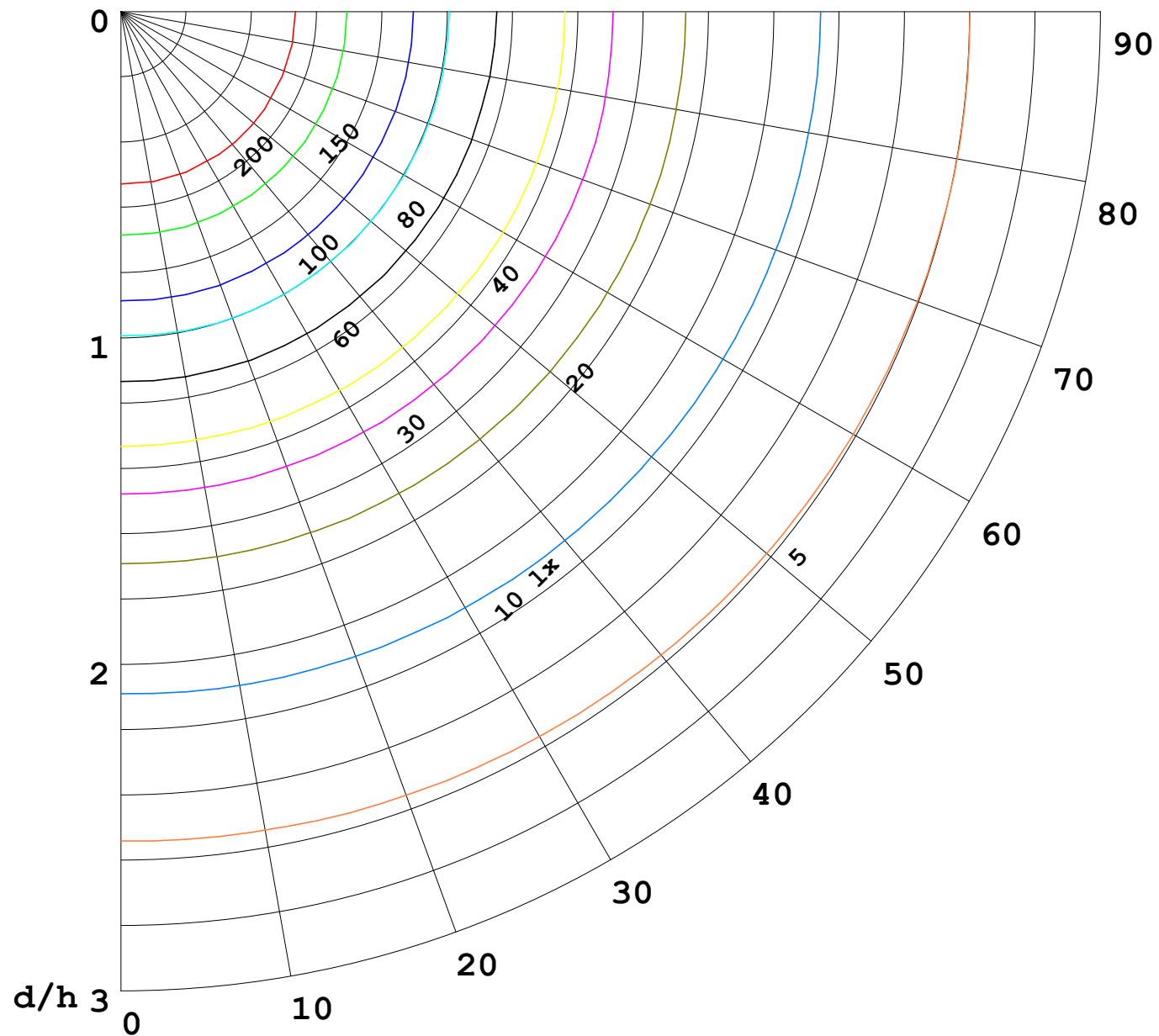
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

