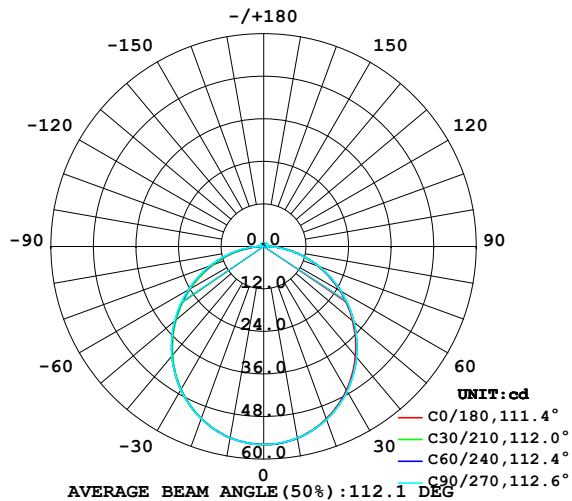


LUMINAIRE PHOTOMETRIC TEST REPORT

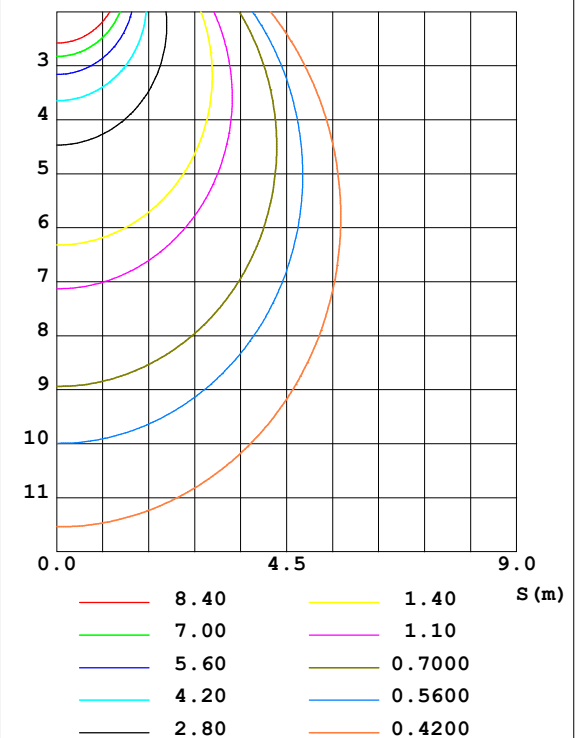
Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.10 lm/W			
MODEL	5050	I _{max} (cd)	55.91	S/MH (C0/180)	1.24
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	166.83	η UP,DN(C0-180)	1.6,48.7
NOMINAL FLUX(lm)	166.829	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,48.2
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down (%)	96.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



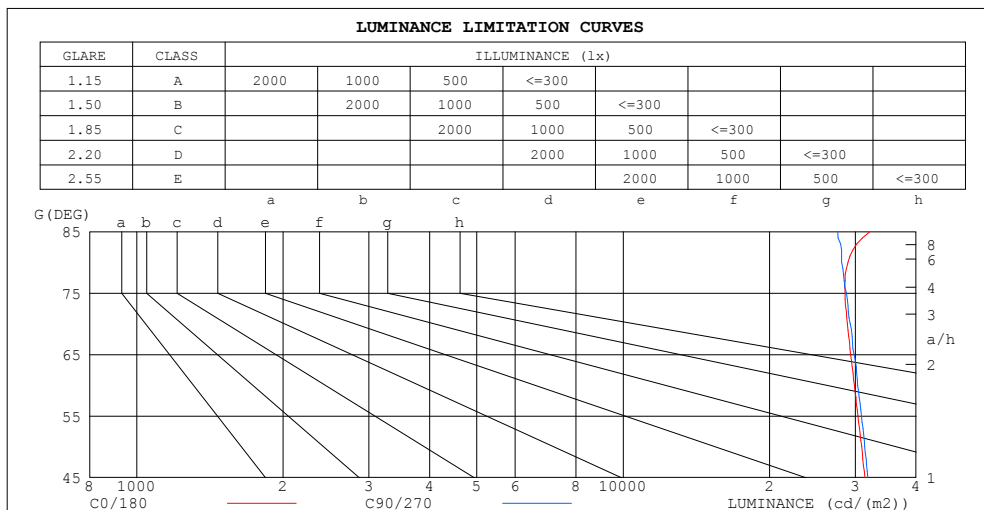
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [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	54.87	54.91	54.88	54.82	54.83	54.76	54.79	54.79	0- 10	5.283	5.283	3.17,3.17
20	51.69	51.90	51.95	51.74	51.67	51.63	51.68	51.67	10- 20	15.10	20.39	12.2,12.2
30	46.70	47.07	47.16	46.83	46.68	46.65	46.78	46.74	20- 30	22.81	43.19	25.9,25.9
40	40.26	40.71	40.79	40.32	40.15	40.16	40.36	40.34	30- 40	27.38	70.57	42.3,42.3
50	32.79	33.21	33.27	32.65	32.46	32.53	32.82	32.89	40- 50	28.33	98.90	59.3,59.3
60	24.65	25.07	25.02	24.26	24.01	24.23	24.55	24.74	50- 60	25.71	124.6	74.7,74.7
70	16.30	16.64	16.54	15.59	15.30	15.68	16.23	16.39	60- 70	20.12	144.7	86.7,86.7
80	8.308	8.403	8.052	7.136	6.948	7.305	8.018	8.249	70- 80	12.56	157.3	94.3,94.3
90	1.338	1.307	0.9969	1.084	1.074	1.141	0.9828	1.173	80- 90	4.410	161.7	96.9,96.9
100	0.5142	0.7922	1.028	0.6690	0.3201	0.6874	0.9706	0.6480	90-100	0.8561	162.5	97.4,97.4
110	0.5613	0.8264	1.007	0.7267	0.4040	0.7110	0.9759	0.7004	100-110	0.7615	163.3	97.9,97.9
120	0.6400	0.8657	0.9969	0.8054	0.5038	0.7660	0.9811	0.7529	110-120	0.7581	164.1	98.3,98.3
130	0.7135	0.9182	0.9969	0.8552	0.6087	0.8157	0.9811	0.7896	120-130	0.7303	164.8	98.8,98.8
140	0.7922	0.9444	0.9969	0.9129	0.7136	0.8656	0.9811	0.8420	130-140	0.6655	165.5	99.2,99.2
150	0.8657	0.9628	0.9969	0.9549	0.8133	0.9050	0.9811	0.8815	140-150	0.5674	166.0	99.5,99.5
160	0.9076	0.9785	0.9969	0.9785	0.8974	0.9391	0.9811	0.9313	150-160	0.4345	166.5	99.8,99.8
170	0.9654	0.9785	0.9969	0.9785	0.9811	0.9653	0.9811	0.9627	160-170	0.2729	166.7	99.9,99.9
180	0.9654	0.9864	0.9969	0.9785	0.9759	0.9759	0.9811	0.9811	170-180	0.0933	166.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	32203	27637
80	28997	28103
75	28586	28782
70	28892	29309
65	29350	29853
60	29875	30332
55	30389	30889
50	30917	31371
45	31409	31833

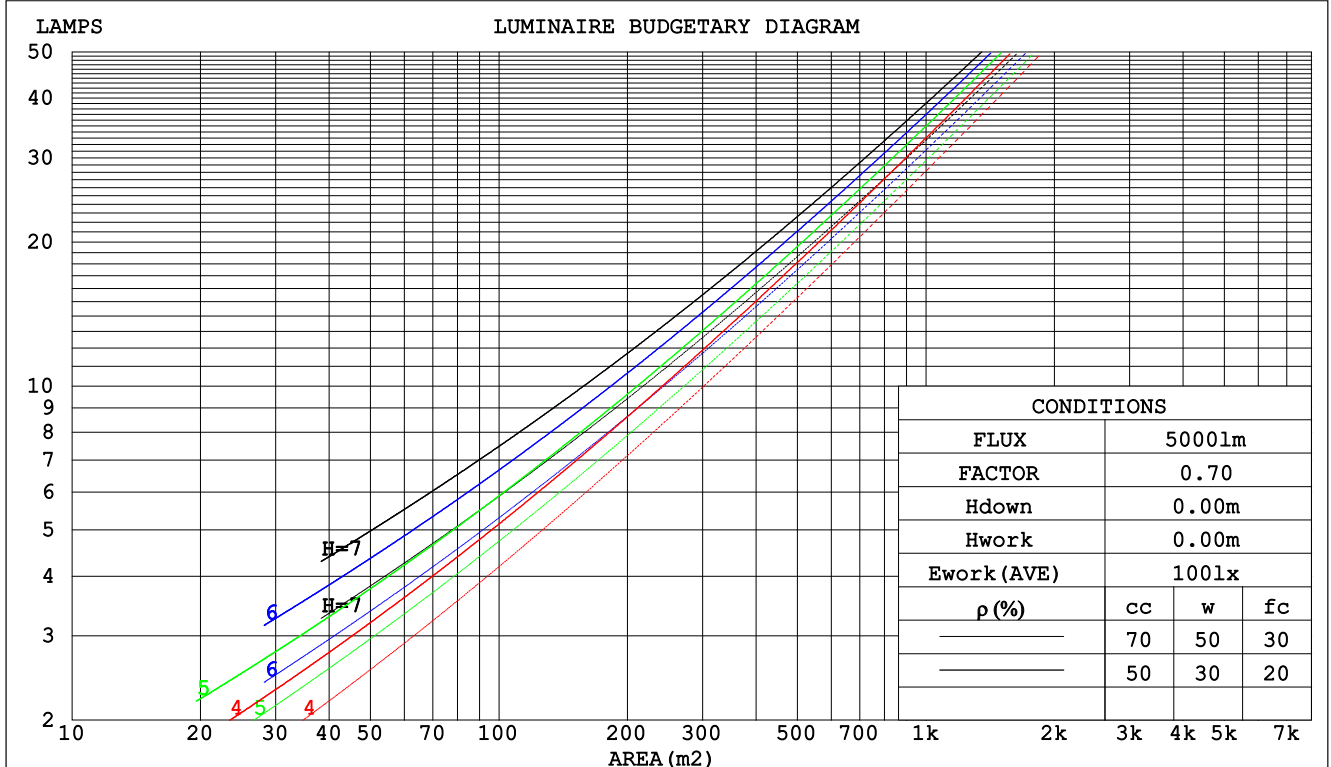
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	.98	.94	.90	.96	.92	.95	.92	.89	.91	.88	.86	.87	.84	.82	.80
2.0	.89	.82	.76	.87	.81	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.44	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.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:
Test Date:2024-04-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*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	.320	.182	.058	.312	.178	.057	.297	.171	.054	.284	.164	.052	.271	.157	.051		
2.0	.297	.163	.050	.290	.160	.049	.277	.154	.048	.265	.148	.046	.253	.143	.045		
3.0	.273	.146	.044	.267	.143	.043	.255	.138	.042	.244	.134	.041	.234	.130	.040		
4.0	.251	.131	.038	.246	.129	.038	.235	.125	.037	.225	.121	.036	.216	.117	.036		
5.0	.232	.118	.034	.227	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032		
6.0	.214	.108	.031	.210	.106	.031	.201	.103	.030	.194	.101	.030	.186	.098	.029		
7.0	.199	.099	.028	.195	.097	.028	.188	.095	.027	.180	.093	.027	.174	.090	.027		
8.0	.186	.091	.026	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024		
9.0	.174	.084	.024	.171	.083	.023	.165	.081	.023	.159	.080	.023	.153	.078	.022		
10.0	.164	.078	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.205	.180	.157	.175	.154	.135	.120	.106	.094	.069	.061	.054	.022	.020	.018	
2.0	.197	.156	.121	.169	.134	.105	.116	.093	.073	.067	.054	.043	.021	.017	.014	
3.0	.189	.138	.098	.162	.119	.085	.111	.083	.059	.064	.048	.035	.021	.016	.011	
4.0	.181	.125	.082	.156	.108	.071	.107	.075	.050	.062	.044	.030	.020	.014	.010	
5.0	.174	.115	.071	.149	.099	.062	.103	.069	.044	.060	.041	.026	.019	.013	.009	
6.0	.167	.106	.063	.143	.092	.055	.099	.065	.039	.057	.038	.023	.019	.012	.008	
7.0	.160	.100	.057	.138	.086	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
8.0	.153	.094	.053	.132	.081	.046	.091	.057	.033	.053	.034	.020	.017	.011	.006	
9.0	.147	.089	.050	.127	.077	.043	.088	.054	.031	.051	.032	.018	.017	.011	.006	
10.0	.142	.085	.047	.122	.074	.041	.085	.052	.029	.049	.031	.017	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.400m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm											
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W					TYPE:硅胶			WEIGHT:			
DIM.: 16.5MM*16.5MM					SPEC.:			SERIAL No.:2024004005			
MFR.: OLYMPIA					SUR.:1.0*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	24.6	26.1	24.9	26.4	26.6	24.6	26.1	25.0	26.4	26.7	
	3H	26.3	27.6	26.6	27.9	28.2	26.3	27.7	26.6	28.0	28.3
	4H	27.0	28.3	27.3	28.6	28.9	27.0	28.3	27.4	28.6	29.0
	6H	27.6	28.8	28.0	29.2	29.5	27.6	28.8	28.0	29.2	29.5
	8H	27.8	29.0	28.2	29.4	29.7	27.8	29.0	28.2	29.4	29.7
	12H	28.1	29.2	28.5	29.6	29.9	28.0	29.1	28.4	29.5	29.8
4H	2H	25.3	26.6	25.6	26.9	27.2	25.3	26.6	25.6	26.9	27.2
	3H	27.1	28.3	27.5	28.6	29.0	27.1	28.3	27.5	28.6	29.0
	4H	28.0	29.0	28.4	29.4	29.8	28.0	29.0	28.4	29.4	29.8
	6H	28.8	29.7	29.2	30.1	30.5	28.7	29.7	29.2	30.1	30.5
	8H	29.1	29.9	29.5	30.4	30.8	29.0	29.9	29.5	30.3	30.8
	12H	29.4	30.2	29.8	30.6	31.1	29.2	30.0	29.7	30.5	30.9
8H	4H	28.3	29.2	28.8	29.6	30.1	28.3	29.2	28.8	29.6	30.1
	6H	29.3	30.0	29.8	30.5	31.0	29.2	30.0	29.7	30.4	30.9
	8H	29.7	30.4	30.2	30.9	31.4	29.6	30.3	30.1	30.8	31.3
	12H	30.1	30.7	30.7	31.2	31.7	30.0	30.5	30.5	31.0	31.6
12H	4H	28.4	29.2	28.8	29.6	30.1	28.4	29.2	28.8	29.6	30.1
	6H	29.4	30.0	29.9	30.5	31.0	29.3	30.0	29.8	30.5	31.0
	8H	29.9	30.4	30.4	30.9	31.5	29.8	30.3	30.3	30.8	31.4
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					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 166.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.2)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.400m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

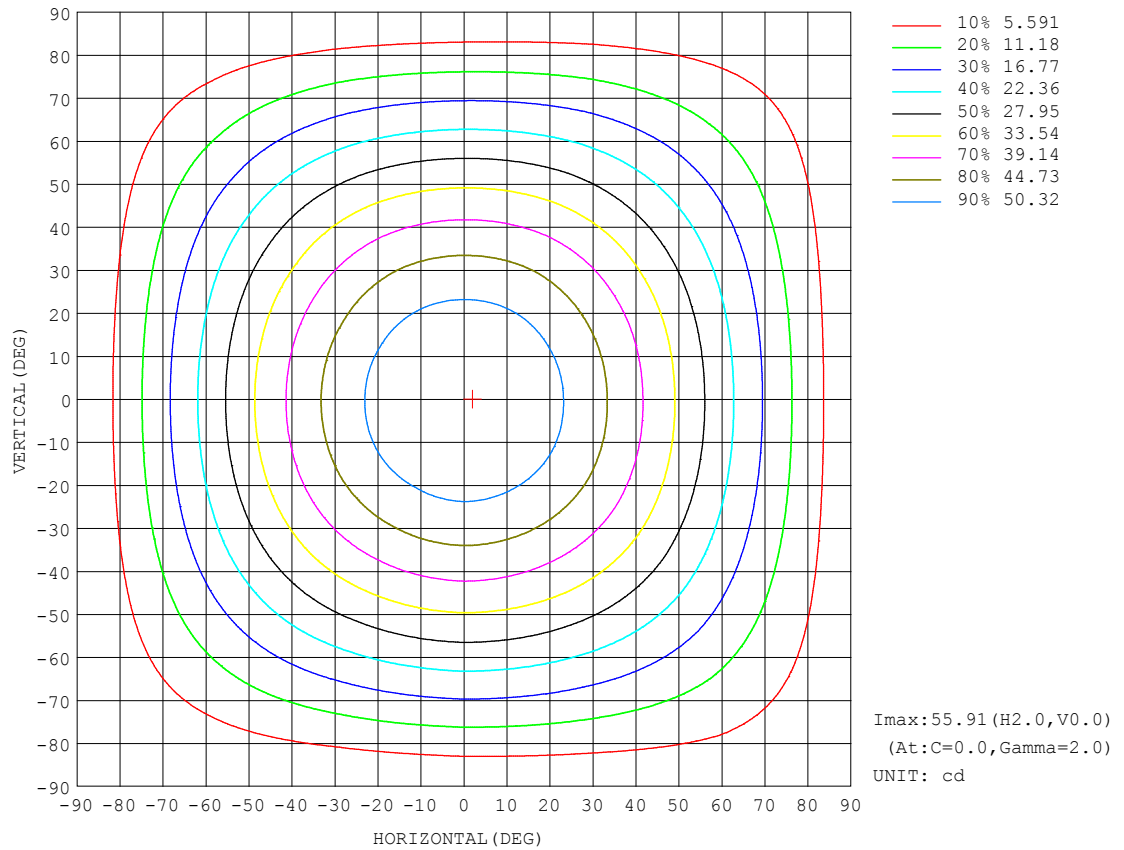
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	86	94	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	100	96	93	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.400m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

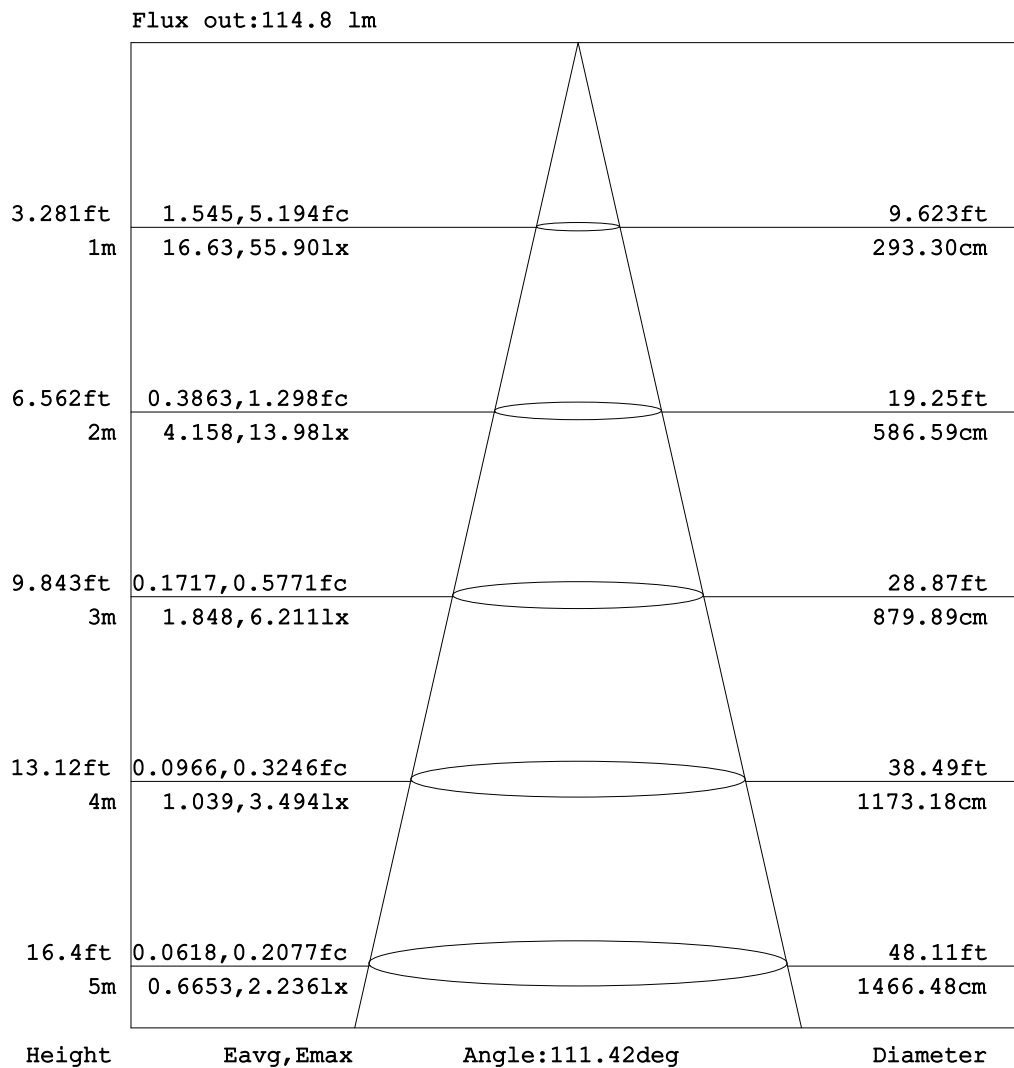


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



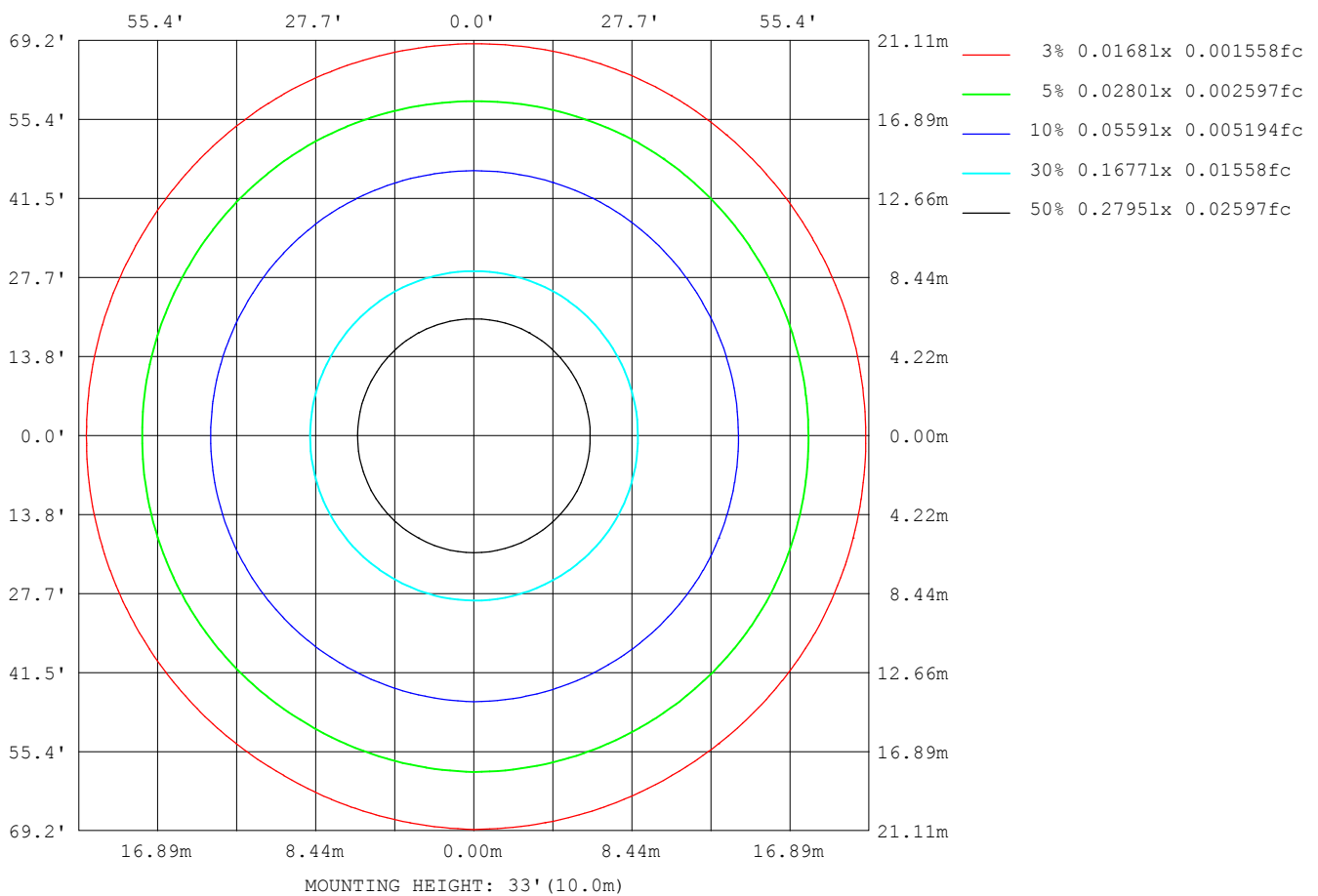
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.400m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

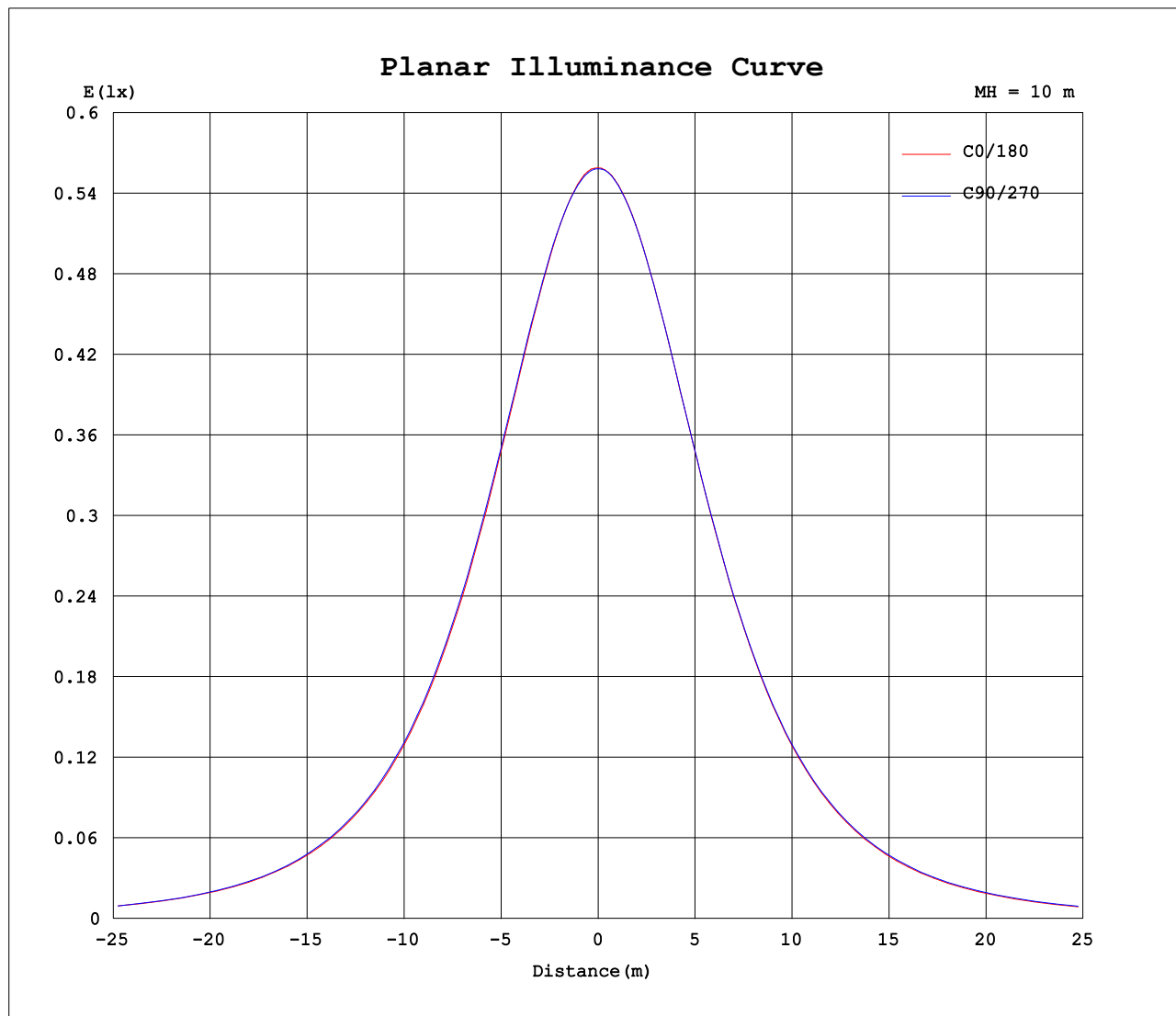
Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.400m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2100A P:5.040W PF:1.000 Lamp Flux:166.829x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-W	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*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	55.9	55.9	55.8	55.8	55.8	55.8	55.9	55.9	55.8	55.8	55.8	55.8						
5	55.7	55.6	55.7	55.6	55.6	55.6	55.6	55.6	55.5	55.6	55.5	55.6						
10	54.9	54.9	54.9	54.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8						
15	53.5	53.7	53.6	53.7	53.5	53.5	53.5	53.4	53.5	53.5	53.5	53.4						
20	51.7	51.9	51.9	51.9	51.8	51.7	51.7	51.6	51.7	51.7	51.7	51.6						
25	49.4	49.7	49.7	49.8	49.5	49.5	49.4	49.3	49.4	49.4	49.5	49.3						
30	46.7	47.1	47.1	47.2	46.8	46.8	46.7	46.5	46.8	46.8	46.8	46.6						
35	43.6	44.0	44.1	44.1	43.8	43.7	43.6	43.4	43.7	43.7	43.8	43.6						
40	40.3	40.7	40.7	40.8	40.4	40.3	40.1	40.0	40.3	40.4	40.5	40.2						
45	36.6	37.1	37.1	37.1	36.6	36.7	36.4	36.3	36.6	36.7	36.8	36.6						
50	32.8	33.2	33.2	33.3	32.7	32.6	32.5	32.3	32.7	32.8	33.0	32.8						
55	28.8	29.2	29.2	29.2	28.6	28.4	28.3	28.2	28.6	28.7	29.0	28.7						
60	24.6	25.1	25.0	25.0	24.4	24.2	24.0	24.0	24.5	24.6	24.9	24.6						
65	20.5	20.9	20.8	20.8	20.0	19.8	19.7	19.7	20.3	20.4	20.7	20.4						
70	16.3	16.7	16.5	16.5	15.7	15.5	15.3	15.3	16.0	16.2	16.5	16.3						
75	12.2	12.5	12.3	12.3	11.5	11.2	11.1	11.0	11.8	12.1	12.4	12.1						
80	8.31	8.60	8.21	8.05	7.30	6.97	6.95	6.93	7.68	8.02	8.33	8.16						
85	4.63	4.85	4.30	3.97	3.18	2.99	2.97	2.95	3.59	4.04	4.46	4.45						
90	1.34	1.50	1.11	1.00	1.05	1.12	1.07	1.17	1.12	0.98	1.14	1.21						
95	0.51	0.69	0.87	1.02	0.77	0.63	0.55	0.67	0.84	0.97	0.78	0.49						
100	0.51	0.71	0.87	1.03	0.77	0.57	0.32	0.52	0.86	0.97	0.81	0.49						
105	0.52	0.74	0.89	1.03	0.79	0.61	0.36	0.52	0.88	0.98	0.84	0.49						
110	0.56	0.77	0.88	1.01	0.80	0.65	0.40	0.54	0.89	0.98	0.86	0.54						
115	0.61	0.80	0.90	1.00	0.83	0.70	0.45	0.57	0.90	0.98	0.87	0.57						
120	0.64	0.82	0.91	1.00	0.87	0.74	0.50	0.63	0.90	0.98	0.89	0.62						
125	0.69	0.86	0.94	1.00	0.88	0.78	0.55	0.64	0.92	0.98	0.90	0.65						
130	0.71	0.88	0.95	1.00	0.90	0.81	0.61	0.69	0.94	0.98	0.91	0.67						
135	0.76	0.90	0.96	1.00	0.91	0.86	0.66	0.72	0.95	0.98	0.93	0.70						
140	0.79	0.92	0.97	1.00	0.94	0.88	0.71	0.77	0.96	0.98	0.94	0.74						
145	0.82	0.94	0.97	1.00	0.96	0.91	0.76	0.80	0.97	0.98	0.95	0.79						
150	0.87	0.95	0.97	1.00	0.98	0.93	0.81	0.83	0.98	0.98	0.95	0.81						
155	0.88	0.98	0.97	1.00	0.98	0.96	0.86	0.88	0.99	0.98	0.98	0.86						
160	0.91	0.99	0.97	1.00	0.98	0.98	0.90	0.89	0.99	0.98	0.99	0.88						
165	0.94	0.99	0.97	1.00	0.98	0.98	0.94	0.91	0.99	0.98	0.99	0.90						
170	0.97	0.99	0.97	1.00	0.98	0.98	0.98	0.94	0.99	0.98	0.99	0.94						
175	0.97	0.99	0.98	1.00	0.98	0.98	0.98	0.97	0.99	0.98	0.99	0.97						
180	0.97	0.99	0.99	1.00	0.98	0.98	0.98	0.97	0.99	0.98	0.99	0.98						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [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	55.90	55.85	55.83	55.83	55.81	55.82	55.90	55.85	55.83	55.83
3.0	55.87	55.79	55.81	55.76	55.78	55.72	55.81	55.78	55.73	55.77
6.0	55.57	55.54	55.54	55.49	55.49	55.46	55.51	55.47	55.43	55.46
9.0	55.08	55.10	55.10	55.07	55.04	55.00	55.03	54.96	54.96	55.00
12.0	54.40	54.48	54.46	54.47	54.38	54.34	54.36	54.27	54.30	54.33
15.0	53.53	53.65	53.64	53.68	53.54	53.52	53.51	53.41	53.46	53.48
18.0	52.49	52.64	52.66	52.68	52.54	52.50	52.46	52.36	52.45	52.46
21.0	51.26	51.49	51.48	51.52	51.35	51.33	51.24	51.14	51.27	51.27
24.0	49.91	50.16	50.16	50.24	50.00	50.00	49.90	49.79	49.92	49.92
27.0	48.41	48.67	48.69	48.74	48.50	48.48	48.36	48.26	48.40	48.43
30.0	46.70	47.08	47.06	47.16	46.85	46.82	46.68	46.54	46.76	46.78
33.0	44.93	45.33	45.29	45.38	45.04	45.01	44.87	44.72	44.97	44.97
36.0	42.98	43.43	43.41	43.48	43.12	43.03	42.92	42.80	43.05	43.08
39.0	40.97	41.37	41.40	41.48	41.06	40.98	40.86	40.70	41.02	41.05
42.0	38.87	39.33	39.27	39.36	38.91	38.80	38.69	38.56	38.88	38.92
45.0	36.65	37.09	37.08	37.14	36.65	36.65	36.41	36.28	36.62	36.70
48.0	34.32	34.82	34.78	34.87	34.31	34.24	34.05	33.90	34.31	34.38
51.0	31.98	32.46	32.40	32.50	31.89	31.81	31.64	31.55	31.93	32.01
54.0	29.56	30.00	29.99	30.04	29.42	29.26	29.15	29.01	29.47	29.61
57.0	27.11	27.61	27.52	27.58	26.89	26.78	26.62	26.49	26.99	27.11
60.0	24.65	25.12	25.01	25.02	24.35	24.16	24.01	23.99	24.47	24.55
63.0	22.15	22.58	22.50	22.58	21.78	21.54	21.41	21.38	21.94	22.14
66.0	19.64	20.07	19.95	19.91	19.19	18.96	18.79	18.76	19.39	19.50
69.0	17.14	17.53	17.39	17.42	16.59	16.33	16.17	16.26	16.86	17.11
72.0	14.66	15.10	14.85	14.81	14.02	13.71	13.57	13.57	14.32	14.47
75.0	12.21	12.53	12.34	12.29	11.49	11.16	11.07	11.05	11.82	12.12
78.0	9.815	10.21	9.826	9.741	8.965	8.608	8.590	8.637	9.335	9.676
81.0	7.553	7.774	7.385	7.254	6.472	6.142	6.129	6.139	6.853	7.262
84.0	5.350	5.586	5.036	4.772	3.971	3.755	3.721	3.717	4.382	4.803
87.0	3.198	3.363	2.816	2.366	1.776	1.776	1.770	1.825	2.119	2.395
90.0	1.338	1.502	1.112	0.9969	1.050	1.117	1.074	1.166	1.117	0.9828
93.0	0.5363	0.6926	0.8710	1.007	0.8088	0.8333	0.7648	0.8717	0.8603	0.9706
96.0	0.5142	0.6926	0.8709	1.023	0.7713	0.5613	0.4500	0.5884	0.8447	0.9706
99.0	0.5142	0.7135	0.8709	1.028	0.7713	0.5562	0.3200	0.5247	0.8500	0.9706
102.0	0.5142	0.7241	0.8709	1.028	0.7713	0.5877	0.3306	0.5194	0.8605	0.9706
105.0	0.5246	0.7398	0.8866	1.028	0.7922	0.6087	0.3569	0.5194	0.8762	0.9759
108.0	0.5404	0.7557	0.8814	1.028	0.7922	0.6350	0.3883	0.5299	0.8814	0.9759
111.0	0.5666	0.7766	0.8814	1.002	0.8131	0.6612	0.4093	0.5352	0.8971	0.9759
114.0	0.5876	0.7975	0.8919	0.9969	0.8289	0.6926	0.4408	0.5561	0.9024	0.9811
117.0	0.6243	0.8132	0.9024	0.9969	0.8446	0.7137	0.4671	0.5823	0.9024	0.9811
120.0	0.6400	0.8238	0.9077	0.9969	0.8709	0.7399	0.5038	0.6295	0.9025	0.9811
123.0	0.6610	0.8448	0.9182	0.9969	0.8814	0.7713	0.5248	0.6296	0.9130	0.9811
126.0	0.7081	0.8552	0.9496	0.9969	0.8814	0.7870	0.5615	0.6505	0.9234	0.9811
129.0	0.7135	0.8710	0.9549	0.9969	0.8867	0.8132	0.5879	0.6767	0.9340	0.9811
132.0	0.7293	0.8920	0.9549	0.9969	0.8972	0.8343	0.6296	0.7031	0.9340	0.9811
135.0	0.7554	0.8972	0.9601	0.9969	0.9076	0.8553	0.6559	0.7187	0.9496	0.9811
138.0	0.7973	0.9077	0.9706	0.9969	0.9181	0.8710	0.6874	0.7397	0.9497	0.9811
141.0	0.7922	0.9235	0.9706	0.9969	0.9444	0.8971	0.7190	0.7920	0.9653	0.9811
144.0	0.8131	0.9339	0.9706	0.9969	0.9601	0.8973	0.7555	0.8027	0.9654	0.9811
147.0	0.8290	0.9444	0.9706	0.9969	0.9706	0.9235	0.7766	0.8079	0.9707	0.9811
150.0	0.8657	0.9549	0.9706	0.9969	0.9759	0.9340	0.8133	0.8289	0.9811	0.9811
153.0	0.8762	0.9655	0.9706	0.9969	0.9759	0.9549	0.8395	0.8603	0.9864	0.9811
156.0	0.8866	0.9759	0.9706	0.9969	0.9759	0.9706	0.8659	0.8762	0.9864	0.9811
159.0	0.9024	0.9864	0.9706	0.9969	0.9759	0.9759	0.8920	0.8762	0.9864	0.9811
162.0	0.9233	0.9864	0.9706	0.9969	0.9759	0.9811	0.9182	0.9023	0.9864	0.9811
165.0	0.9443	0.9864	0.9706	0.9969	0.9759	0.9811	0.9393	0.9129	0.9864	0.9811
168.0	0.9601	0.9864	0.9706	0.9969	0.9759	0.9811	0.9654	0.9234	0.9864	0.9811
171.0	0.9654	0.9864	0.9706	0.9969	0.9759	0.9811	0.9811	0.9444	0.9864	0.9811
174.0	0.9654	0.9864	0.9811	0.9969	0.9759	0.9811	0.9811	0.9653	0.9864	0.9811
177.0	0.9654	0.9864	0.9811	0.9969	0.9759	0.9811	0.9811	0.9654	0.9864	0.9811
180.0	0.9654	0.9864	0.9864	0.9969	0.9759	0.9811	0.9759	0.9654	0.9864	0.9811
G/C	300.0	330.0								
0.0	55.81	55.82								
3.0	55.71	55.78								
6.0	55.43	55.48								
9.0	54.98	55.02								
12.0	54.32	54.31								
15.0	53.50	53.45								
18.0	52.49	52.43								
21.0	51.32	51.18								
24.0	49.97	49.86								
27.0	48.48	48.32								
30.0	46.85	46.63								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-04-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.400m [K=1.0000]
 Remarks:

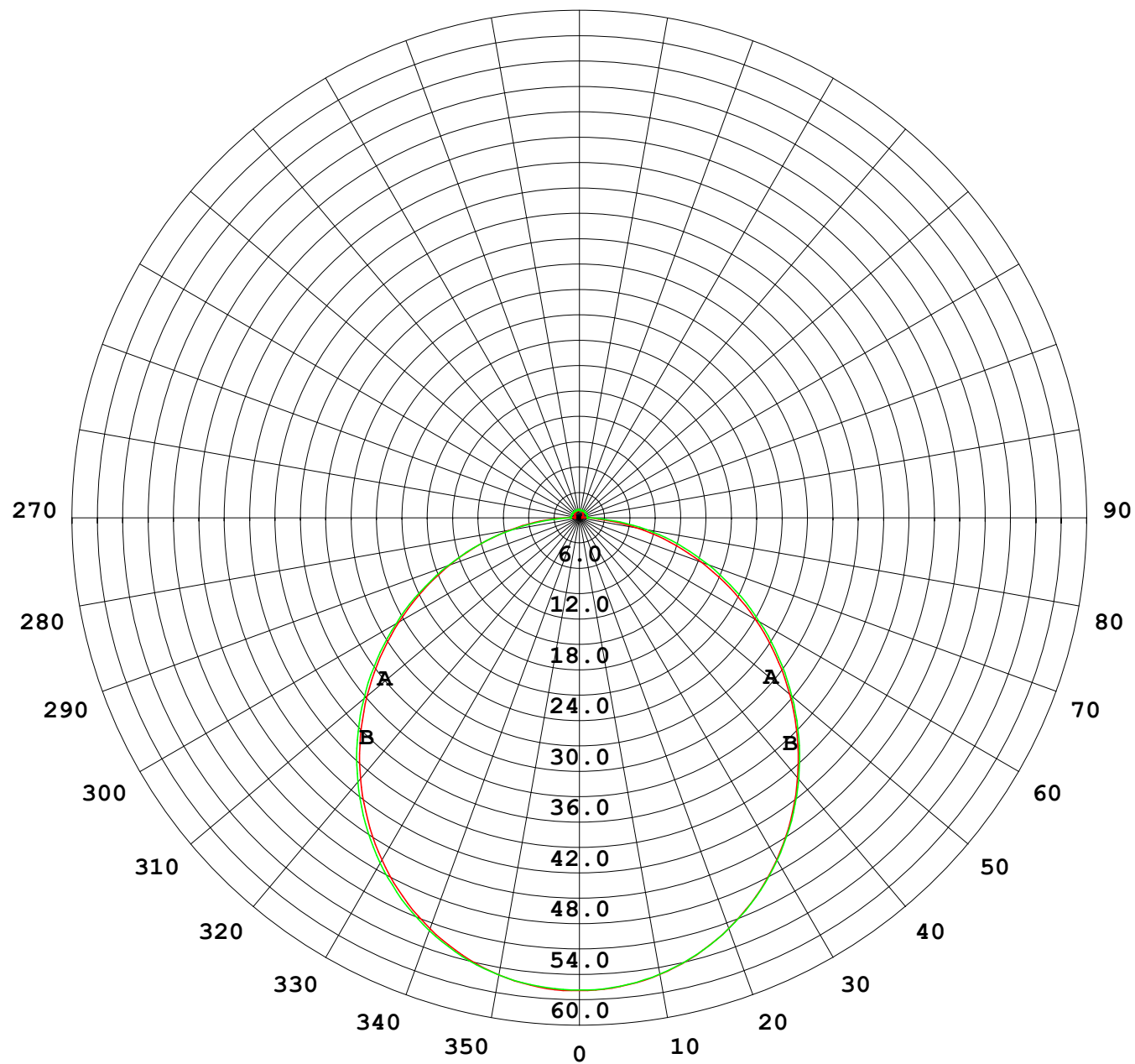
Photometric Data Table [cd]

33.0	45.08	44.88
36.0	43.17	42.95
39.0	41.18	40.91
42.0	39.06	38.84
45.0	36.84	36.58
48.0	34.56	34.27
51.0	32.20	31.94
54.0	29.79	29.55
57.0	27.35	27.03
60.0	24.85	24.62
63.0	22.36	22.12
66.0	19.86	19.56
69.0	17.35	17.14
72.0	14.84	14.63
75.0	12.37	12.12
78.0	9.955	9.776
81.0	7.541	7.440
84.0	5.206	5.197
87.0	3.004	3.091
90.0	1.135	1.211
93.0	0.7660	0.5043
96.0	0.7871	0.4879
99.0	0.8028	0.4879
102.0	0.8134	0.4879
105.0	0.8395	0.4931
108.0	0.8448	0.5299
111.0	0.8553	0.5404
114.0	0.8709	0.5613
117.0	0.8762	0.5875
120.0	0.8867	0.6191
123.0	0.8919	0.6243
126.0	0.8972	0.6453
129.0	0.9077	0.6663
132.0	0.9182	0.6978
135.0	0.9287	0.7030
138.0	0.9340	0.7292
141.0	0.9392	0.7554
144.0	0.9496	0.7817
147.0	0.9496	0.7974
150.0	0.9497	0.8132
153.0	0.9707	0.8341
156.0	0.9812	0.8708
159.0	0.9864	0.8762
162.0	0.9864	0.8866
165.0	0.9864	0.9023
168.0	0.9864	0.9182
171.0	0.9864	0.9548
174.0	0.9864	0.9654
177.0	0.9864	0.9706
180.0	0.9864	0.9759

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-09

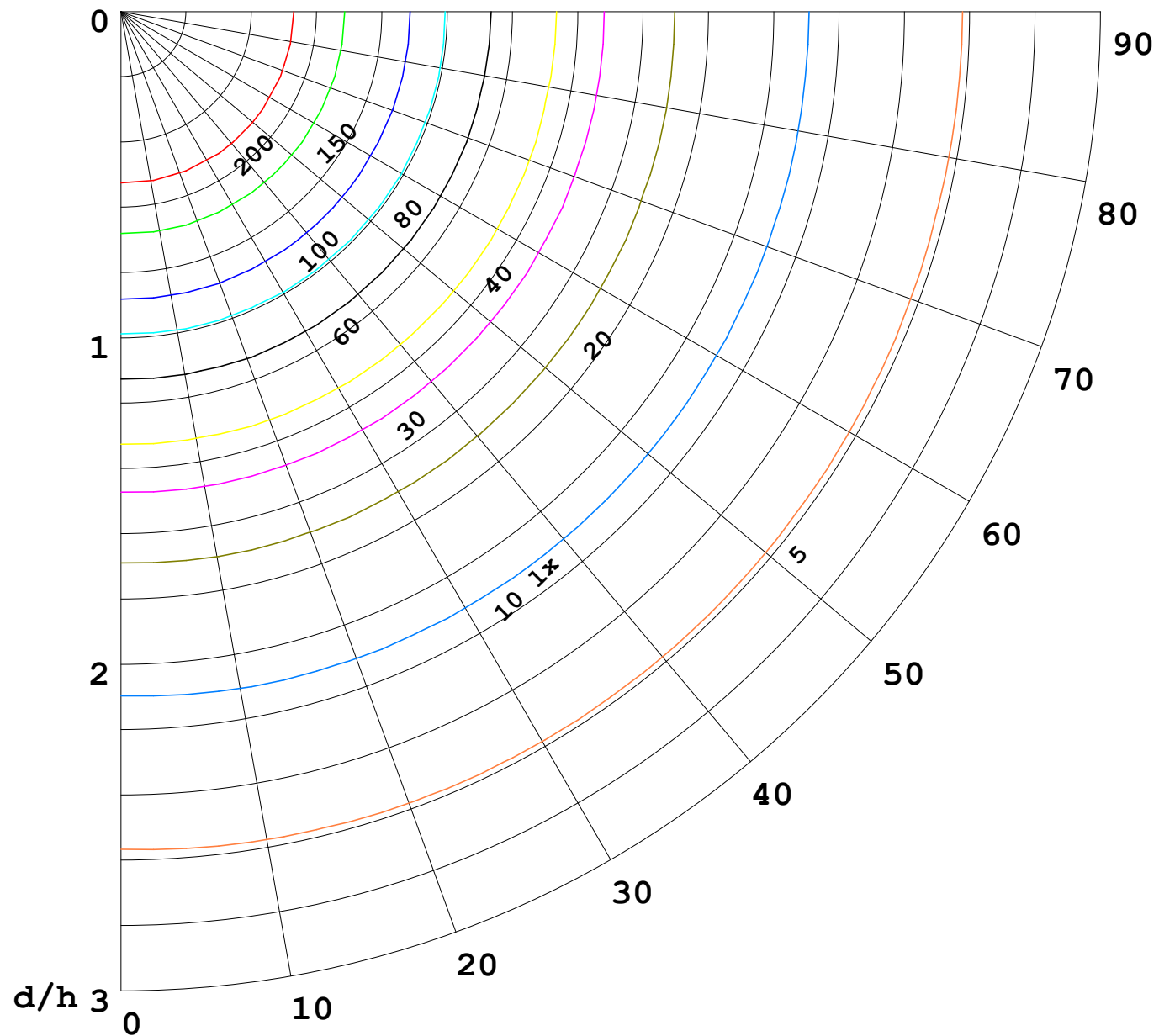
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.400m [K=1.0000]
Remarks:

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

