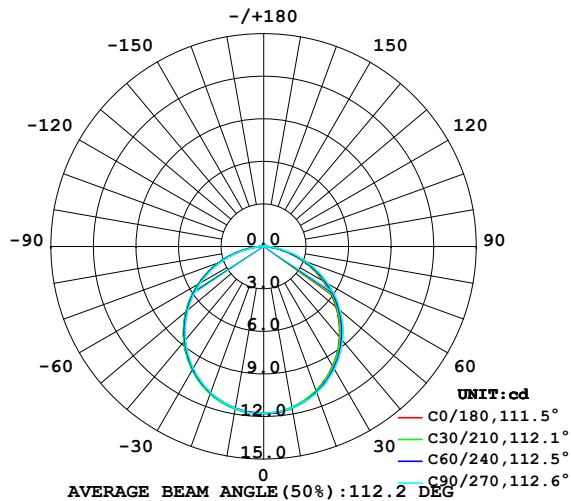


LUMINAIRE PHOTOMETRIC TEST REPORT

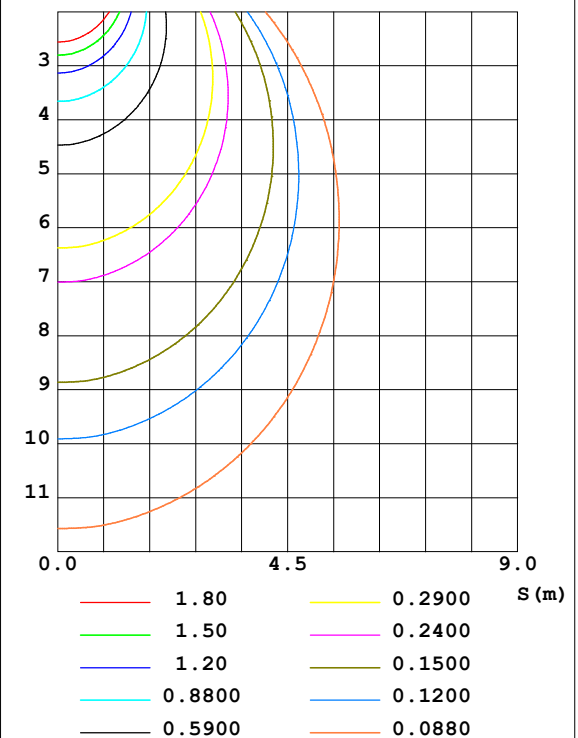
Test:U:24.00V I:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 5.82 lm/W
MODEL	5050	I _{max} (cd)	11.78	S/MH (C0/180)	1.23	
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	33.913	η UP, DN (C0-180)	1.0, 49.1	
NOMINAL FLUX (lm)	33.913	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.3	
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:
Test Date: 2023-09-19

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	11.53	11.54	11.56	11.62	11.62	11.61	11.59	11.52	0- 10	1.115	1.115	3.29,3.29
20	10.82	10.88	10.97	11.03	11.04	11.01	10.95	10.83	10- 20	3.191	4.305	12.7,12.7
30	9.726	9.836	9.990	10.07	10.08	10.03	9.927	9.767	20- 30	4.828	9.134	26.9,26.9
40	8.325	8.471	8.658	8.753	8.758	8.709	8.585	8.383	30- 40	5.811	14.95	44.1,44.1
50	6.676	6.840	7.054	7.152	7.165	7.109	6.982	6.759	40- 50	6.017	20.96	61.8,61.8
60	4.827	5.008	5.245	5.340	5.365	5.302	5.163	4.915	50- 60	5.431	26.39	77.8,77.8
70	2.862	3.016	3.260	3.362	3.405	3.339	3.178	2.970	60- 70	4.122	30.52	90,90
80	1.012	1.111	1.295	1.385	1.440	1.374	1.228	1.065	70- 80	2.301	32.82	96.8,96.8
90	0.0504	0.0855	0.1457	0.1057	0.0499	0.0731	0.0957	0.0428	80- 90	0.5710	33.39	98.5,98.5
100	0.0352	0.0905	0.1457	0.0779	0	0.0377	0.0905	0.0402	90-100	0.0693	33.46	98.7,98.7
110	0.0352	0.0980	0.1457	0.0854	0.0152	0.0452	0.0905	0.0452	100-110	0.0703	33.53	98.9,98.9
120	0.0352	0.1030	0.1457	0.1005	0.0452	0.0503	0.0905	0.0528	110-120	0.0727	33.60	99.1,99.1
130	0.0452	0.1156	0.1457	0.1156	0.0603	0.0628	0.0905	0.0729	120-130	0.0753	33.68	99.3,99.3
140	0.0652	0.1257	0.1457	0.1307	0.0855	0.0704	0.0905	0.0754	130-140	0.0732	33.75	99.5,99.5
150	0.0853	0.1332	0.1457	0.1332	0.1056	0.0854	0.0905	0.0779	140-150	0.0644	33.81	99.7,99.7
160	0.1156	0.1332	0.1457	0.1307	0.1356	0.1005	0.0955	0.0955	150-160	0.0520	33.86	99.9,99.9
170	0.1307	0.1332	0.1457	0.1307	0.1307	0.1307	0.1106	0.1282	160-170	0.0353	33.90	100,100
180	0.1407	0.1332	0.1457	0.1307	0.1256	0.1382	0.1256	0.1357	170-180	0.0127	33.91	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	228	349
80	353	452
75	442	528
70	507	578
65	553	612
60	585	636
55	610	653
50	629	665
45	645	676

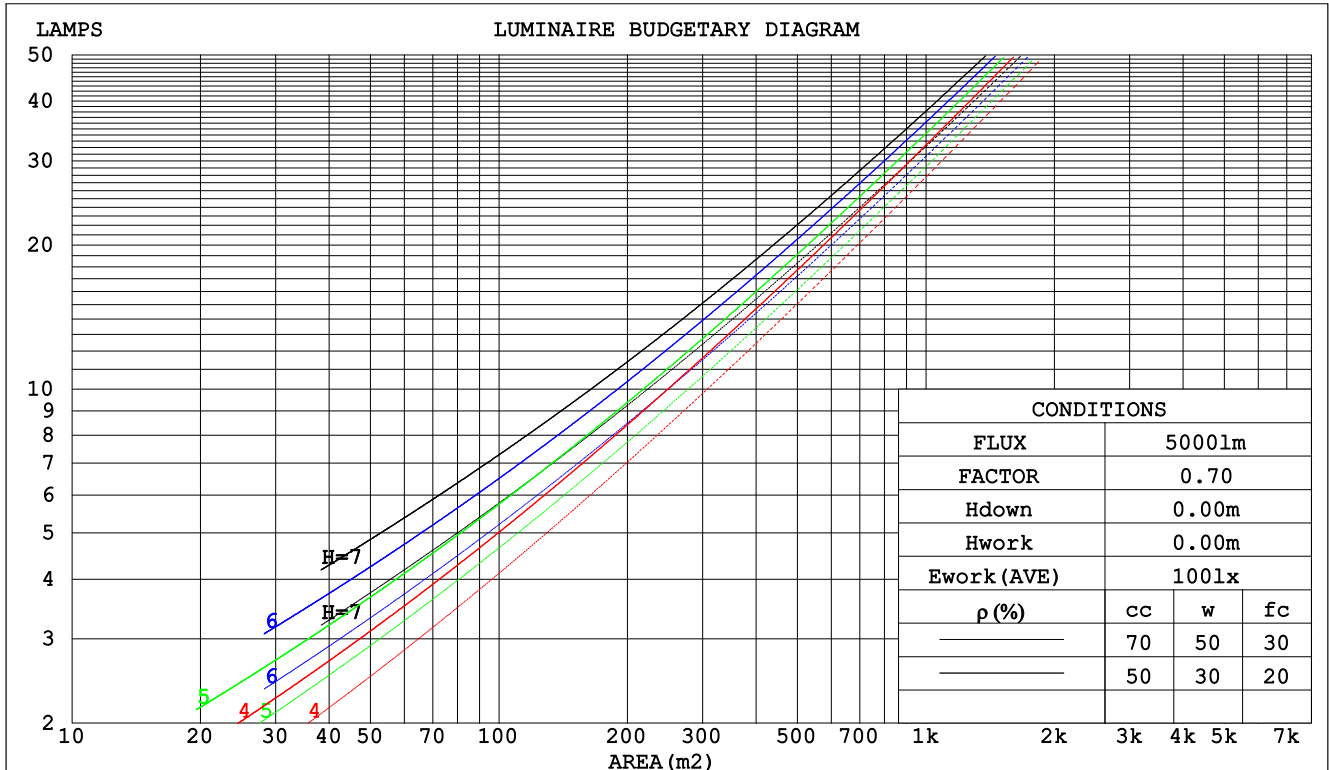
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
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			Coefficients of Utilization(CU)												
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	1.04	.99	.96	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.82
2.0	.90	.83	.78	.88	.82	.77	.84	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.65	.78	.70	.64	.74	.68	.63	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.38	.33	.28	.26
10.0	.39	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
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	.307	.174	.055	.299	.171	.054	.285	.164	.052	.272	.157	.050	.260	.151	.049		
2.0	.290	.159	.049	.283	.156	.048	.270	.150	.047	.259	.145	.045	.248	.140	.044		
3.0	.268	.143	.043	.262	.141	.042	.251	.136	.041	.241	.132	.041	.232	.128	.040		
4.0	.248	.129	.038	.243	.127	.038	.233	.123	.037	.224	.120	.036	.215	.117	.036		
5.0	.229	.117	.034	.225	.115	.034	.216	.112	.033	.208	.110	.033	.200	.107	.032		
6.0	.213	.107	.031	.209	.105	.030	.201	.103	.030	.193	.100	.030	.187	.098	.029		
7.0	.198	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.090	.025	.182	.089	.025	.175	.088	.025	.169	.086	.025	.164	.084	.024		
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023		
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.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	.147	.164	.144	.126	.112	.099	.087	.065	.057	.051	.021	.018	.016	
2.0	.184	.144	.110	.158	.124	.095	.108	.086	.066	.062	.050	.039	.020	.016	.013	
3.0	.176	.126	.087	.151	.109	.075	.104	.076	.053	.060	.044	.031	.019	.014	.010	
4.0	.169	.113	.071	.145	.098	.061	.100	.068	.043	.058	.040	.026	.019	.013	.008	
5.0	.161	.103	.059	.138	.089	.052	.095	.062	.037	.055	.036	.022	.018	.012	.007	
6.0	.154	.094	.051	.132	.082	.045	.091	.057	.032	.053	.034	.019	.017	.011	.006	
7.0	.147	.087	.046	.127	.076	.040	.088	.053	.028	.051	.031	.017	.016	.010	.006	
8.0	.141	.082	.041	.121	.071	.036	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.077	.038	.116	.067	.033	.080	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.129	.072	.035	.111	.063	.030	.077	.044	.022	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm										
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B					TYPE:硅胶			WEIGHT:		
DIM.: 16.5MM*16.5MM					SPEC.:			SERIAL No.:202309012		
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	11.0	12.5	11.3	12.7	12.9	11.3	12.8	11.6	13.0	13.2
3H	12.3	13.7	12.7	14.0	14.3	12.8	14.2	13.1	14.4	14.7
4H	12.8	14.2	13.2	14.4	14.7	13.4	14.7	13.7	15.0	15.3
6H	13.1	14.4	13.5	14.7	15.0	13.8	15.0	14.1	15.3	15.6
8H	13.2	14.4	13.6	14.7	15.0	13.9	15.1	14.2	15.4	15.7
12H	13.2	14.3	13.6	14.7	15.0	13.9	15.1	14.3	15.4	15.7
4H 2H	11.6	12.9	11.9	13.2	13.5	11.8	13.1	12.2	13.4	13.7
3H	13.1	14.3	13.5	14.6	14.9	13.5	14.7	13.9	15.0	15.3
4H	13.7	14.8	14.1	15.1	15.5	14.2	15.2	14.6	15.6	16.0
6H	14.1	15.1	14.6	15.4	15.8	14.7	15.6	15.1	16.0	16.4
8H	14.2	15.1	14.7	15.5	15.9	14.8	15.7	15.3	16.1	16.5
12H	14.3	15.1	14.7	15.5	15.9	14.9	15.7	15.4	16.1	16.6
8H 4H	14.0	14.8	14.4	15.2	15.7	14.4	15.3	14.8	15.7	16.1
6H	14.5	15.2	15.0	15.6	16.1	15.0	15.7	15.5	16.2	16.6
8H	14.6	15.3	15.1	15.7	16.2	15.2	15.9	15.7	16.3	16.8
12H	14.7	15.3	15.2	15.7	16.2	15.4	15.9	15.9	16.4	16.9
12H 4H	14.0	14.8	14.4	15.2	15.6	14.4	15.2	14.8	15.6	16.0
6H	14.5	15.2	15.0	15.6	16.1	15.0	15.7	15.5	16.1	16.6
8H	14.7	15.2	15.2	15.7	16.2	15.3	15.8	15.8	16.3	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 33.91 lm Total Lamp Luminous Flux.(8log(F/F0) = -11.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

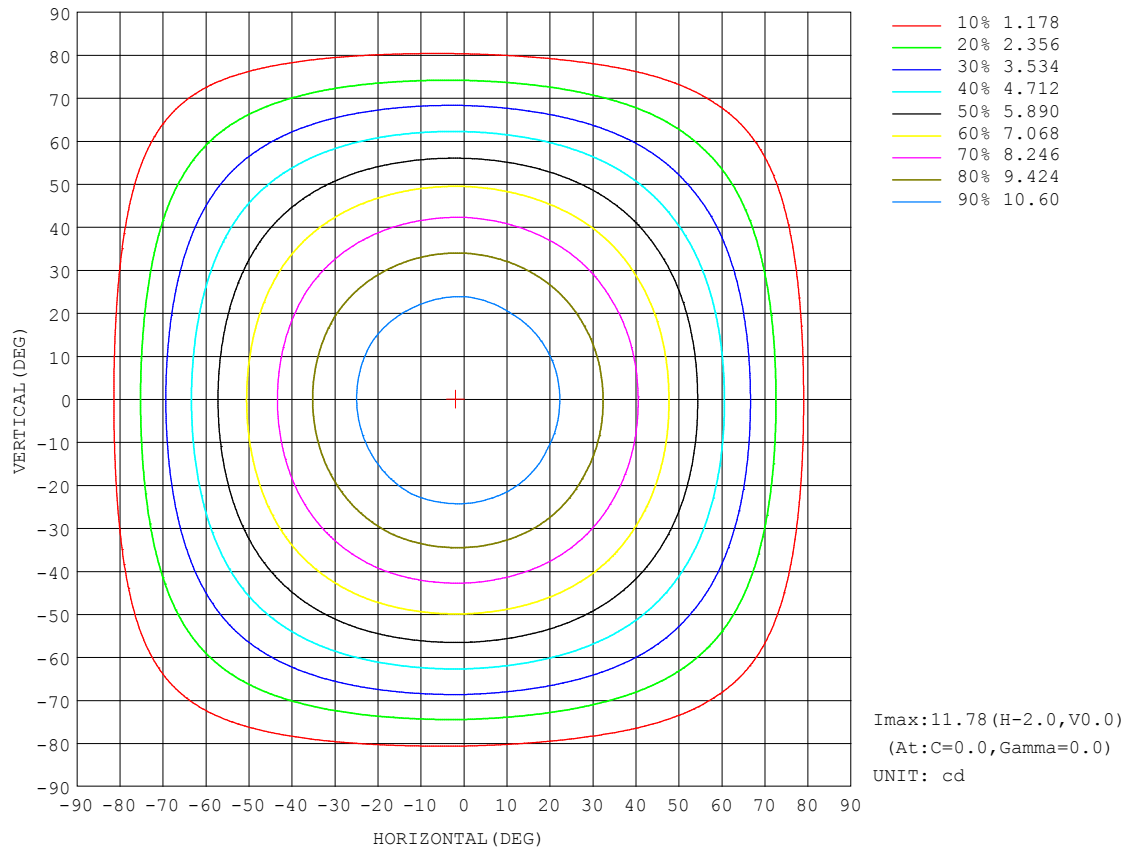
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) × RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	80	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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:2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

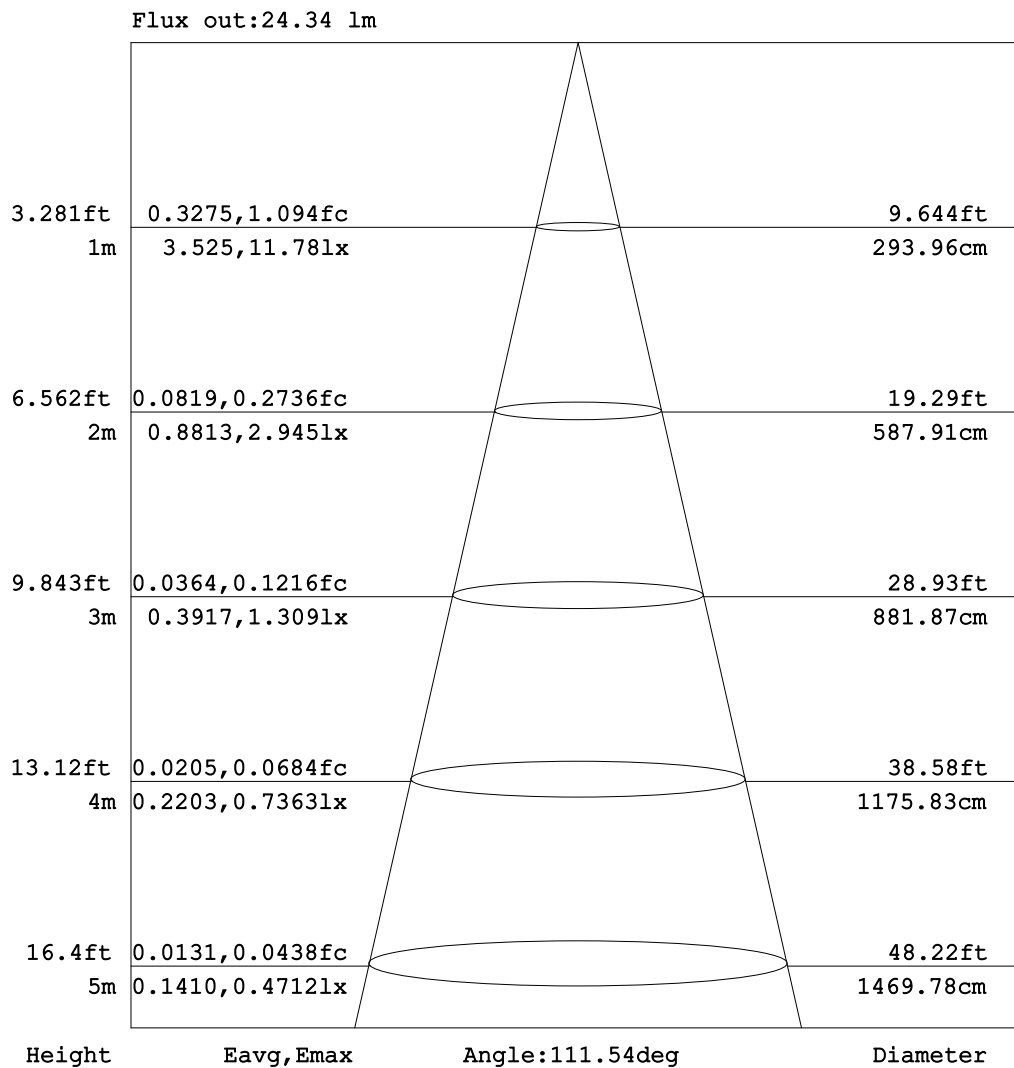


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



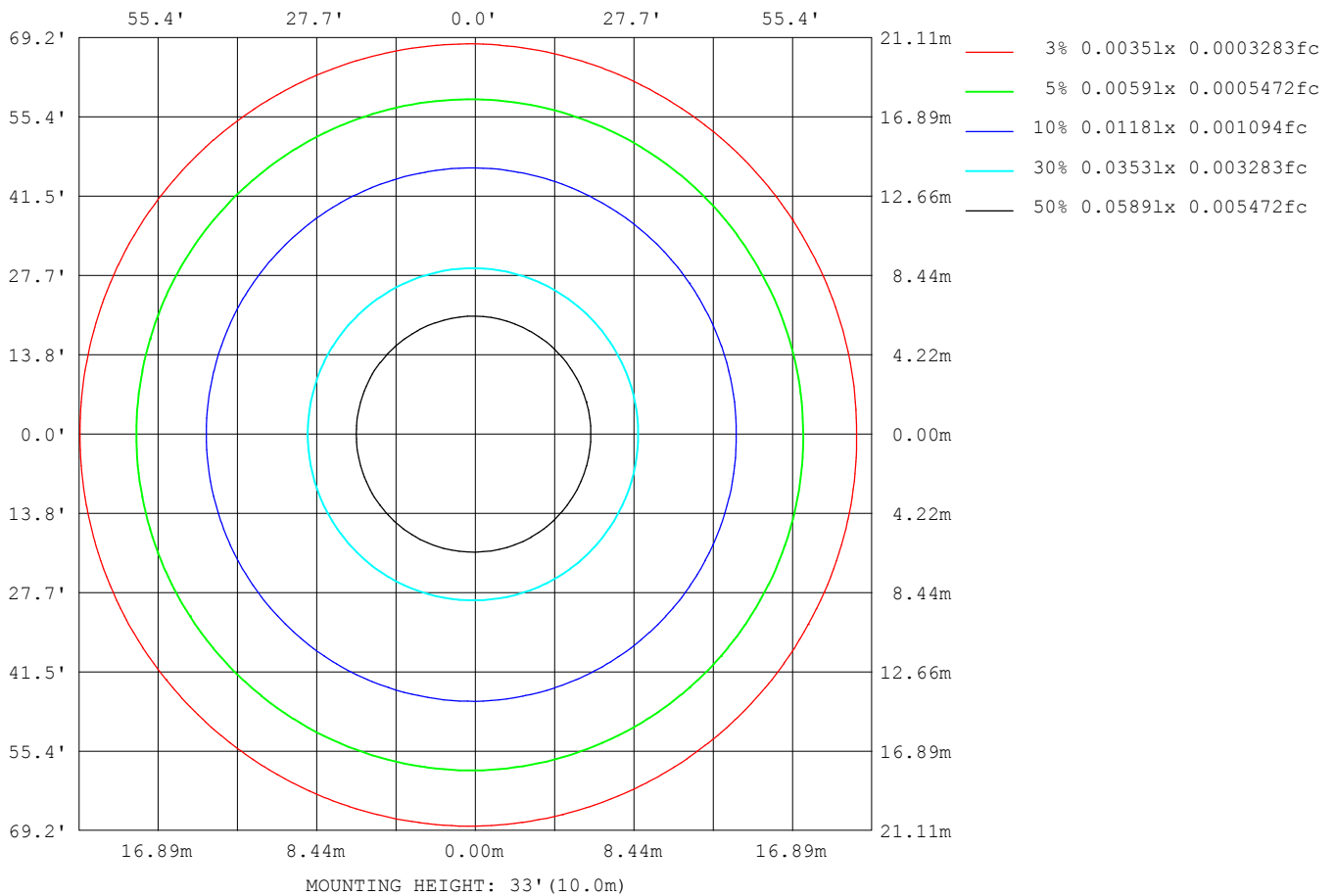
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-09-19

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

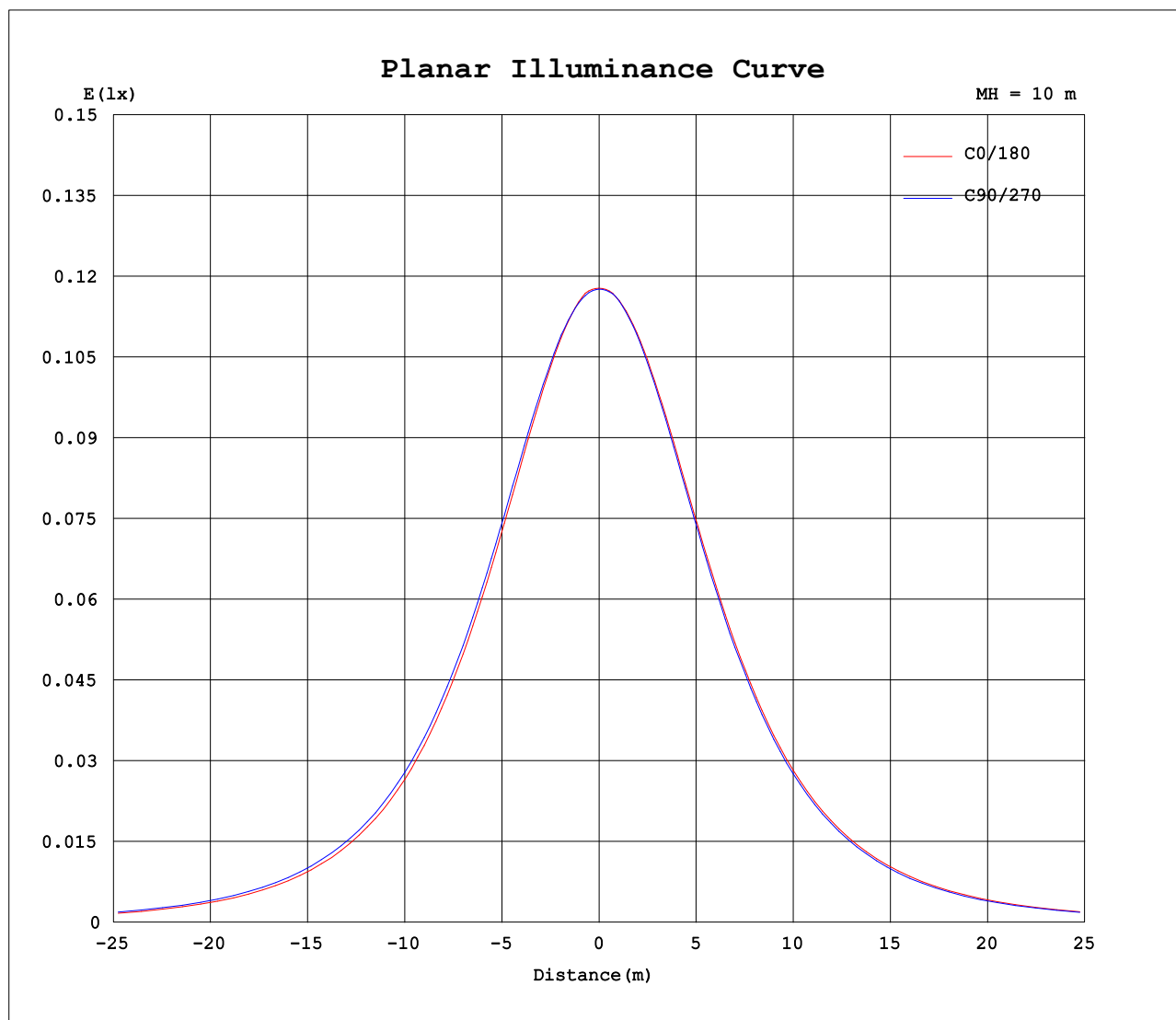
Test:U:24.00V I:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-19

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:
Test Date: 2023-09-19

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:0.2427A P:5.825W PF:1.000 Lamp Flux:33.913x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-B	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
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	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8						
5	11.7	11.7	11.8	11.7	11.8	11.7	11.7	11.8	11.7	11.8	11.7	11.7						
10	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.5						
15	11.2	11.2	11.3	11.3	11.4	11.4	11.4	11.4	11.3	11.3	11.2	11.2						
20	10.8	10.8	10.9	11.0	11.0	11.0	11.0	11.1	11.0	10.9	10.8	10.8						
25	10.3	10.3	10.5	10.5	10.6	10.6	10.6	10.6	10.5	10.5	10.4	10.3						
30	9.73	9.77	9.90	9.99	10.1	10.1	10.1	10.1	9.98	9.93	9.80	9.74						
35	9.07	9.12	9.27	9.36	9.44	9.44	9.45	9.44	9.36	9.29	9.16	9.07						
40	8.32	8.39	8.56	8.66	8.75	8.75	8.76	8.76	8.66	8.59	8.44	8.33						
45	7.52	7.60	7.77	7.88	7.98	7.98	7.99	7.99	7.89	7.81	7.66	7.54						
50	6.68	6.75	6.93	7.05	7.14	7.16	7.16	7.15	7.06	6.98	6.81	6.71						
55	5.77	5.87	6.03	6.18	6.26	6.29	6.29	6.27	6.19	6.09	5.93	5.80						
60	4.83	4.93	5.09	5.25	5.32	5.36	5.37	5.34	5.26	5.16	4.99	4.84						
65	3.86	3.95	4.11	4.27	4.33	4.39	4.40	4.37	4.28	4.19	4.03	3.89						
70	2.86	2.93	3.10	3.26	3.33	3.39	3.41	3.38	3.30	3.18	3.03	2.91						
75	1.89	1.95	2.09	2.26	2.32	2.38	2.40	2.37	2.28	2.16	2.03	1.92						
80	1.01	1.06	1.16	1.30	1.36	1.41	1.44	1.42	1.32	1.23	1.10	1.03						
85	0.33	0.34	0.41	0.50	0.55	0.58	0.59	0.58	0.51	0.44	0.35	0.33						
90	0.05	0.06	0.11	0.15	0.13	0.08	0.05	0.09	0.06	0.10	0.06	0.03						
95	0.04	0.07	0.11	0.15	0.10	0.06	0.00	0.01	0.06	0.09	0.07	0.01						
100	0.04	0.08	0.11	0.15	0.10	0.06	0.00	0.01	0.07	0.09	0.08	0.01						
105	0.04	0.08	0.11	0.15	0.10	0.07	0.01	0.01	0.08	0.09	0.08	0.01						
110	0.04	0.09	0.11	0.15	0.10	0.08	0.02	0.01	0.08	0.09	0.09	0.01						
115	0.04	0.10	0.11	0.15	0.12	0.08	0.03	0.01	0.09	0.09	0.09	0.01						
120	0.04	0.10	0.11	0.15	0.12	0.08	0.05	0.01	0.09	0.09	0.10	0.01						
125	0.04	0.11	0.11	0.15	0.13	0.10	0.05	0.01	0.10	0.09	0.10	0.03						
130	0.05	0.12	0.12	0.15	0.13	0.10	0.06	0.03	0.10	0.09	0.10	0.05						
135	0.05	0.13	0.13	0.15	0.13	0.11	0.07	0.03	0.11	0.09	0.11	0.05						
140	0.07	0.13	0.13	0.15	0.13	0.13	0.09	0.03	0.11	0.09	0.11	0.05						
145	0.07	0.13	0.13	0.15	0.13	0.13	0.10	0.05	0.12	0.09	0.11	0.05						
150	0.09	0.14	0.13	0.15	0.13	0.14	0.11	0.05	0.12	0.09	0.11	0.05						
155	0.11	0.14	0.13	0.15	0.13	0.13	0.12	0.06	0.13	0.09	0.11	0.07						
160	0.12	0.14	0.13	0.15	0.13	0.13	0.14	0.07	0.13	0.10	0.12	0.08						
165	0.13	0.14	0.13	0.15	0.13	0.13	0.13	0.10	0.14	0.10	0.13	0.11						
170	0.13	0.14	0.13	0.15	0.13	0.13	0.13	0.12	0.15	0.11	0.14	0.12						
175	0.13	0.14	0.13	0.15	0.13	0.13	0.13	0.13	0.15	0.12	0.14	0.13						
180	0.14	0.14	0.13	0.15	0.13	0.13	0.13	0.13	0.15	0.13	0.14	0.14						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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	11.78	11.78	11.77	11.77	11.76	11.76	11.78	11.78	11.77	11.77
3.0	11.78	11.73	11.77	11.75	11.76	11.75	11.78	11.77	11.75	11.76
6.0	11.72	11.66	11.73	11.69	11.76	11.71	11.73	11.77	11.70	11.73
9.0	11.58	11.55	11.62	11.61	11.67	11.63	11.65	11.68	11.61	11.62
12.0	11.42	11.40	11.48	11.48	11.55	11.52	11.53	11.55	11.49	11.49
15.0	11.23	11.21	11.30	11.31	11.39	11.36	11.38	11.40	11.32	11.32
18.0	10.99	11.00	11.10	11.12	11.19	11.18	11.19	11.20	11.13	11.11
21.0	10.72	10.73	10.84	10.89	10.96	10.95	10.97	10.97	10.89	10.86
24.0	10.42	10.45	10.55	10.63	10.70	10.69	10.69	10.71	10.62	10.58
27.0	10.09	10.12	10.25	10.32	10.39	10.39	10.40	10.40	10.32	10.28
30.0	9.726	9.769	9.902	9.990	10.07	10.07	10.08	10.07	9.985	9.927
33.0	9.334	9.387	9.530	9.613	9.706	9.709	9.703	9.706	9.618	9.555
36.0	8.927	8.980	9.133	9.221	9.314	9.312	9.311	9.314	9.231	9.168
39.0	8.480	8.537	8.701	8.809	8.897	8.904	8.904	8.902	8.808	8.736
42.0	8.013	8.085	8.244	8.362	8.450	8.467	8.462	8.450	8.366	8.289
45.0	7.520	7.603	7.772	7.884	7.983	7.985	7.989	7.987	7.894	7.811
48.0	7.013	7.095	7.269	7.401	7.490	7.507	7.507	7.495	7.401	7.309
51.0	6.500	6.587	6.747	6.879	6.973	6.994	6.989	6.977	6.893	6.792
54.0	5.953	6.055	6.219	6.361	6.450	6.467	6.471	6.465	6.371	6.289
57.0	5.395	5.482	5.661	5.808	5.897	5.919	5.928	5.912	5.823	5.696
60.0	4.827	4.928	5.088	5.245	5.324	5.356	5.365	5.344	5.260	5.163
63.0	4.239	4.330	4.500	4.657	4.737	4.788	4.787	4.766	4.676	4.555
66.0	3.661	3.738	3.902	4.069	4.138	4.180	4.199	4.178	4.089	3.987
69.0	3.058	3.149	3.299	3.466	3.535	3.597	3.601	3.585	3.496	3.394
72.0	2.470	2.556	2.696	2.853	2.928	2.978	2.998	2.977	2.882	2.776
75.0	1.887	1.949	2.093	2.255	2.319	2.376	2.400	2.369	2.285	2.163
78.0	1.349	1.416	1.525	1.657	1.721	1.778	1.807	1.771	1.697	1.610
81.0	0.8510	0.8732	0.9869	1.114	1.183	1.230	1.254	1.238	1.149	1.057
84.0	0.4388	0.4562	0.5345	0.6320	0.6905	0.7223	0.7420	0.7402	0.6565	0.5845
87.0	0.1567	0.1403	0.2221	0.2658	0.3177	0.3209	0.3205	0.3328	0.2604	0.2420
90.0	0.0504	0.0603	0.1107	0.1457	0.1311	0.0802	0.0499	0.0910	0.0553	0.0957
93.0	0.0352	0.0653	0.1055	0.1457	0.0955	0.0603	0	0.0152	0.0553	0.0905
96.0	0.0352	0.0704	0.1055	0.1457	0.0955	0.0603	0	0.0101	0.0603	0.0905
99.0	0.0352	0.0754	0.1055	0.1457	0.0955	0.0603	0	0.0101	0.0653	0.0905
102.0	0.0352	0.0804	0.1055	0.1457	0.0955	0.0653	0.0001	0.0101	0.0704	0.0905
105.0	0.0352	0.0804	0.1055	0.1457	0.0955	0.0653	0.0101	0.0101	0.0754	0.0905
108.0	0.0352	0.0854	0.1055	0.1457	0.0955	0.0704	0.0151	0.0101	0.0804	0.0905
111.0	0.0352	0.0905	0.1055	0.1457	0.0955	0.0754	0.0251	0.0101	0.0804	0.0905
114.0	0.0352	0.0955	0.1055	0.1457	0.1105	0.0754	0.0251	0.0101	0.0854	0.0905
117.0	0.0352	0.1005	0.1055	0.1457	0.1156	0.0754	0.0302	0.0101	0.0856	0.0905
120.0	0.0352	0.1006	0.1055	0.1457	0.1206	0.0804	0.0452	0.0101	0.0905	0.0905
123.0	0.0352	0.1106	0.1055	0.1457	0.1256	0.0854	0.0503	0.0101	0.0955	0.0905
126.0	0.0352	0.1106	0.1106	0.1457	0.1307	0.1005	0.0553	0.0150	0.1006	0.0905
129.0	0.0452	0.1156	0.1156	0.1457	0.1307	0.0955	0.0603	0.0201	0.1005	0.0905
132.0	0.0452	0.1206	0.1206	0.1457	0.1307	0.1005	0.0654	0.0251	0.1055	0.0905
135.0	0.0503	0.1256	0.1256	0.1457	0.1307	0.1106	0.0705	0.0302	0.1106	0.0905
138.0	0.0553	0.1256	0.1256	0.1457	0.1307	0.1206	0.0805	0.0302	0.1106	0.0905
141.0	0.0653	0.1307	0.1256	0.1457	0.1307	0.1307	0.0905	0.0302	0.1106	0.0905
144.0	0.0653	0.1307	0.1256	0.1457	0.1307	0.1307	0.0955	0.0352	0.1156	0.0905
147.0	0.0703	0.1357	0.1256	0.1457	0.1307	0.1357	0.1005	0.0502	0.1206	0.0905
150.0	0.0853	0.1407	0.1256	0.1457	0.1307	0.1357	0.1056	0.0502	0.1206	0.0905
153.0	0.1054	0.1407	0.1256	0.1457	0.1307	0.1356	0.1156	0.0603	0.1206	0.0905
156.0	0.1106	0.1407	0.1256	0.1457	0.1307	0.1307	0.1207	0.0703	0.1256	0.0905
159.0	0.1156	0.1407	0.1256	0.1457	0.1307	0.1307	0.1258	0.0704	0.1307	0.0905
162.0	0.1256	0.1407	0.1256	0.1457	0.1307	0.1307	0.1307	0.0754	0.1307	0.0955
165.0	0.1307	0.1407	0.1256	0.1457	0.1307	0.1307	0.1307	0.0955	0.1407	0.0955
168.0	0.1307	0.1407	0.1256	0.1457	0.1307	0.1307	0.1307	0.1155	0.1408	0.1106
171.0	0.1307	0.1407	0.1256	0.1457	0.1307	0.1307	0.1307	0.1206	0.1457	0.1205
174.0	0.1307	0.1407	0.1256	0.1457	0.1307	0.1307	0.1307	0.1306	0.1457	0.1206
177.0	0.1356	0.1407	0.1256	0.1457	0.1307	0.1307	0.1256	0.1307	0.1457	0.1206
180.0	0.1407	0.1407	0.1256	0.1457	0.1307	0.1307	0.1256	0.1307	0.1457	0.1256
G/C	300.0	330.0								
0.0	11.76	11.76								
3.0	11.72	11.77								
6.0	11.65	11.70								
9.0	11.54	11.58								
12.0	11.40	11.42								
15.0	11.22	11.23								
18.0	11.01	10.99								
21.0	10.75	10.73								
24.0	10.48	10.42								
27.0	10.15	10.10								
30.0	9.799	9.736								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-09-19

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:

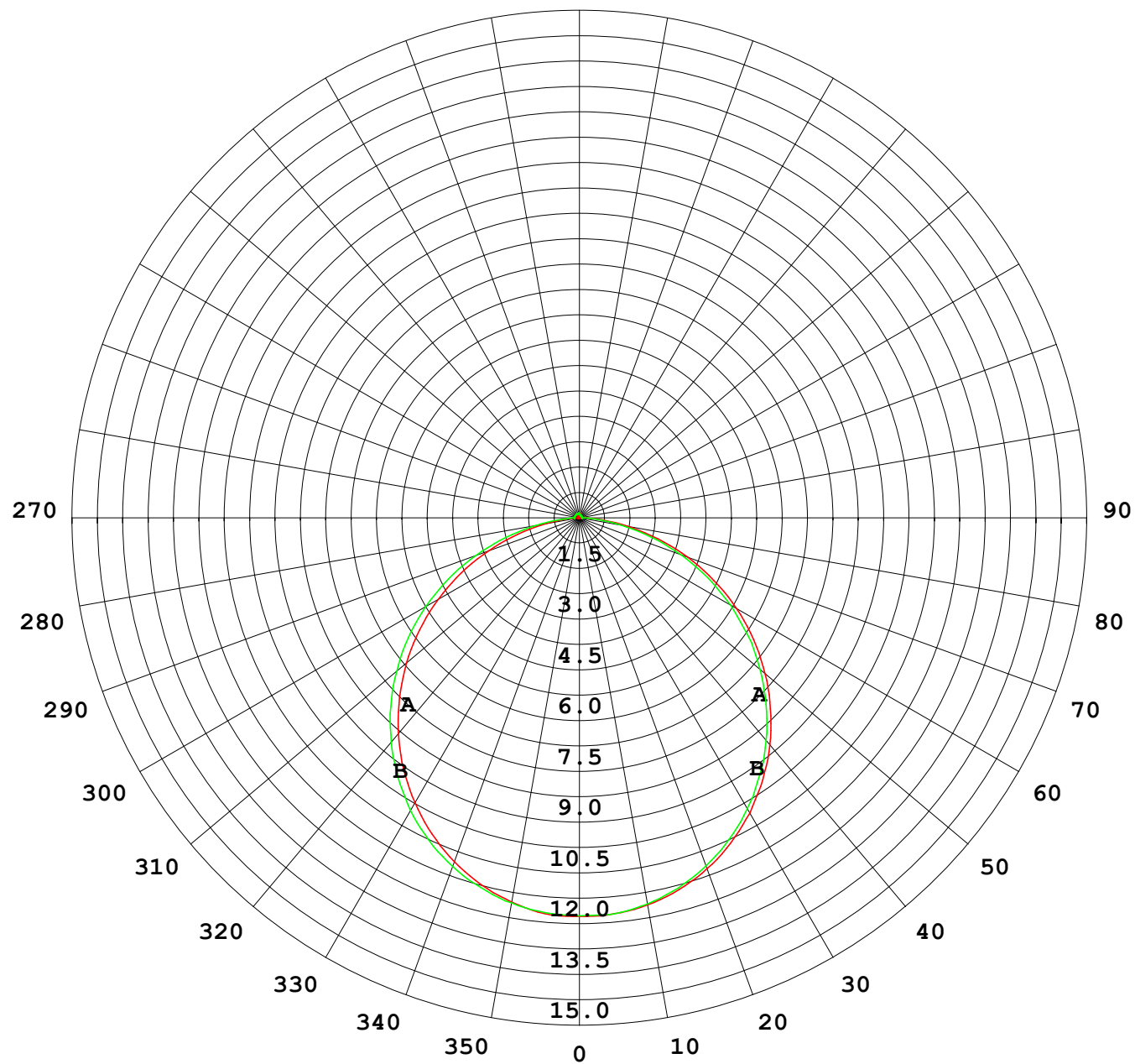
Photometric Data Table [cd]

33.0	9.427	9.339
36.0	9.020	8.937
39.0	8.587	8.485
42.0	8.130	8.032
45.0	7.657	7.545
48.0	7.155	7.032
51.0	6.647	6.520
54.0	6.104	5.992
57.0	5.561	5.424
60.0	4.988	4.841
63.0	4.410	4.258
66.0	3.828	3.671
69.0	3.239	3.087
72.0	2.626	2.490
75.0	2.034	1.917
78.0	1.471	1.374
81.0	0.9429	0.8707
84.0	0.4759	0.4334
87.0	0.1501	0.1315
90.0	0.0603	0.0253
93.0	0.0653	0.0050
96.0	0.0704	0.0050
99.0	0.0704	0.0050
102.0	0.0754	0.0050
105.0	0.0804	0.0050
108.0	0.0854	0.0050
111.0	0.0854	0.0050
114.0	0.0905	0.0050
117.0	0.0905	0.0050
120.0	0.0955	0.0101
123.0	0.0955	0.0301
126.0	0.1005	0.0501
129.0	0.1005	0.0452
132.0	0.1006	0.0452
135.0	0.1055	0.0452
138.0	0.1055	0.0452
141.0	0.1055	0.0452
144.0	0.1055	0.0452
147.0	0.1055	0.0452
150.0	0.1056	0.0503
153.0	0.1106	0.0652
156.0	0.1106	0.0654
159.0	0.1106	0.0704
162.0	0.1207	0.0903
165.0	0.1307	0.1105
168.0	0.1407	0.1155
171.0	0.1407	0.1256
174.0	0.1407	0.1256
177.0	0.1407	0.1307
180.0	0.1357	0.1357

C Range: 0 - 360DEG
C Interval: 30.0DEG
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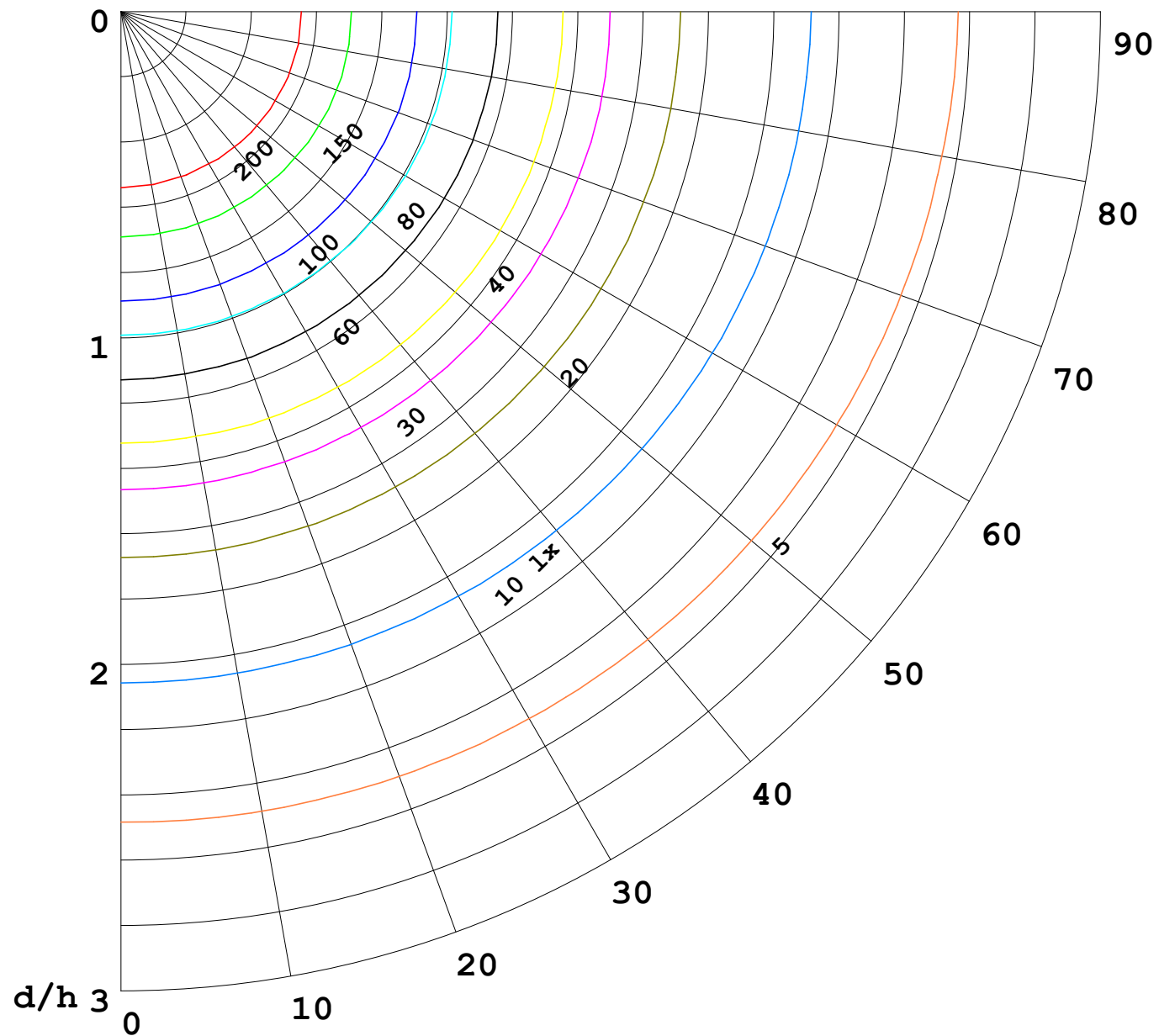
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

