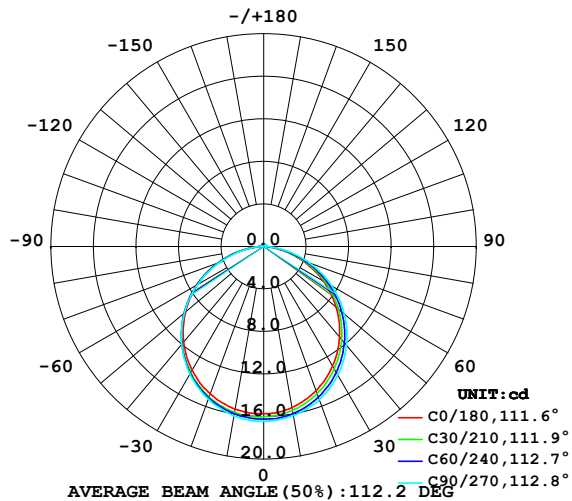


LUMINAIRE PHOTOMETRIC TEST REPORT

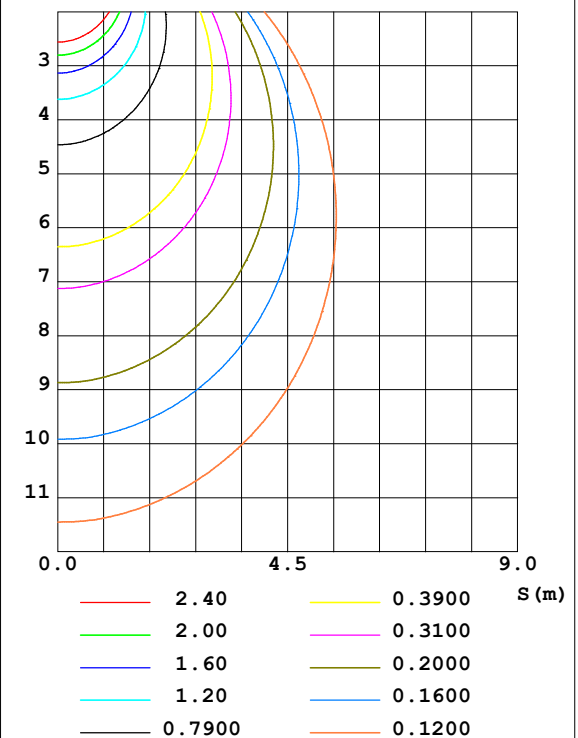
Test:U:24.00V I:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 8.08 lm/W
MODEL	5050	I _{max} (cd)	16.73	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)	47.332	η UP,DN(C0-180)	1.2,48.9	
NOMINAL FLUX(lm)	47.332	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,49.0	
LAMPS INSIDE	1	η up (%)	2.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down (%)	97.9	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



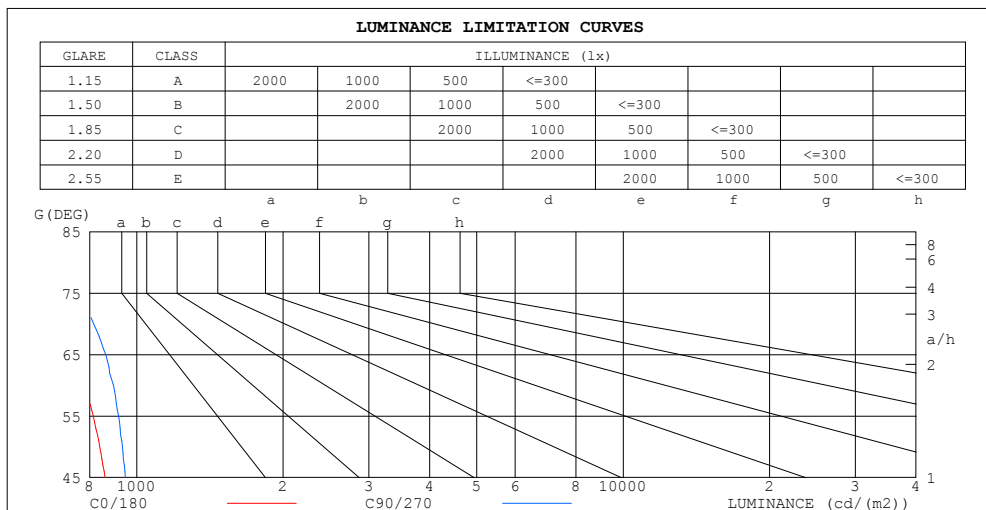
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-09-19

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	15.38	15.80	16.15	16.44	15.52	15.91	16.16	16.28	0- 10	1.542	1.542	3.26,3.26
20	14.43	14.89	15.31	15.63	14.74	15.09	15.27	15.30	10- 20	4.413	5.955	12.6,12.6
30	12.97	13.47	13.95	14.28	13.46	13.75	13.87	13.80	20- 30	6.681	12.64	26.7,26.7
40	11.10	11.61	12.11	12.43	11.72	11.95	11.99	11.86	30- 40	8.046	20.68	43.7,43.7
50	8.904	9.386	9.908	10.18	9.596	9.777	9.752	9.546	40- 50	8.343	29.02	61.3,61.3
60	6.456	6.875	7.385	7.614	7.194	7.289	7.179	6.965	50- 60	7.535	36.56	77.2,77.2
70	3.842	4.174	4.601	4.812	4.580	4.598	4.440	4.211	60- 70	5.735	42.29	89.4,89.4
80	1.384	1.551	1.847	1.998	1.952	1.894	1.716	1.533	70- 80	3.222	45.52	96.2,96.2
90	0.1008	0.1635	0.2262	0.2086	0.1300	0.1234	0.1610	0.0881	80- 90	0.8337	46.35	97.9,97.9
100	0.0854	0.1684	0.2262	0.1684	0.0351	0.0804	0.1608	0.0880	90-100	0.1375	46.49	98.2,98.2
110	0.0854	0.1784	0.2262	0.1834	0.0553	0.0955	0.1608	0.0980	100-110	0.1391	46.63	98.5,98.5
120	0.1206	0.1910	0.2262	0.1935	0.0854	0.1056	0.1608	0.1156	110-120	0.1422	46.77	98.8,98.8
130	0.1206	0.1986	0.2262	0.2086	0.1206	0.1231	0.1608	0.1432	120-130	0.1405	46.91	99.1,99.1
140	0.1407	0.2061	0.2262	0.2186	0.1457	0.1583	0.1658	0.1608	130-140	0.1344	47.04	99.4,99.4
150	0.1759	0.2061	0.2262	0.2211	0.1710	0.1684	0.1910	0.1784	140-150	0.1166	47.16	99.6,99.6
160	0.1960	0.2111	0.2211	0.2211	0.1960	0.1859	0.1960	0.2061	150-160	0.0921	47.25	99.8,99.8
170	0.2010	0.2111	0.2161	0.2211	0.2061	0.2035	0.2010	0.2111	160-170	0.0592	47.31	100,100
180	0.2010	0.2086	0.2161	0.2211	0.2010	0.2061	0.2161	0.2161	170-180	0.0200	47.33	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	333	520
80	483	645
75	597	746
70	681	815
65	739	863
60	783	895
55	814	917
50	839	934
45	861	948

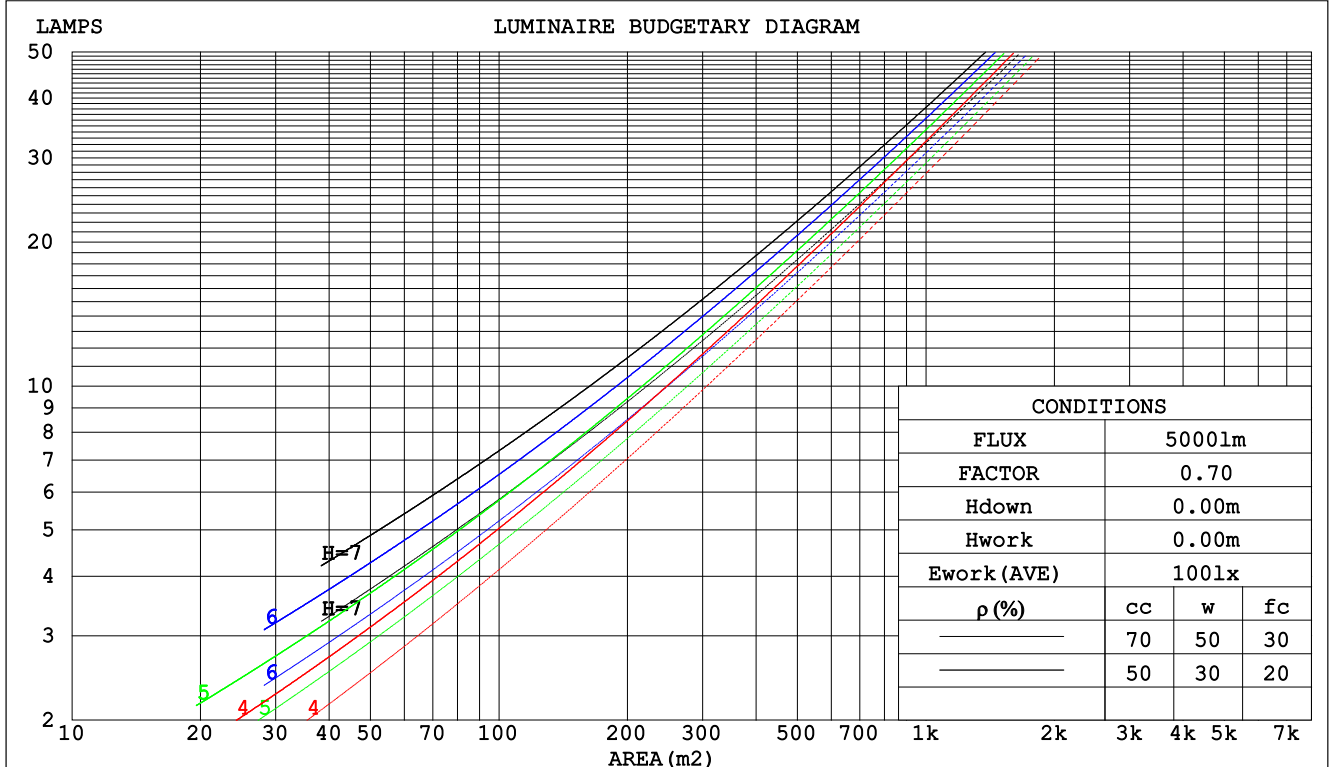
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	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	1.00	1.00	1.00	.98
1.0	1.03	.99	.95	1.01	.97	.94	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.51	.45	.39	.49	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.41	.35	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.36	.30	.26	.35	.30	.25	.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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	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	.308	.175	.055	.300	.171	.054	.286	.164	.052	.272	.157	.050	.260	.151	.049		
2.0	.290	.159	.049	.283	.156	.048	.271	.150	.047	.259	.145	.045	.248	.140	.044		
3.0	.269	.143	.043	.263	.141	.042	.251	.136	.041	.241	.132	.040	.231	.128	.040		
4.0	.248	.129	.038	.243	.127	.038	.233	.123	.037	.223	.120	.036	.214	.117	.035		
5.0	.229	.117	.034	.225	.115	.034	.216	.112	.033	.207	.109	.033	.199	.107	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.193	.100	.029	.186	.098	.029		
7.0	.198	.098	.028	.194	.097	.028	.187	.095	.027	.180	.092	.027	.174	.090	.027		
8.0	.185	.090	.025	.182	.089	.025	.175	.087	.025	.169	.086	.025	.163	.084	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023		
10.0	.163	.078	.022	.160	.077	.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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.196	.172	.150	.168	.148	.129	.115	.102	.090	.066	.059	.052	.021	.019	.017	
2.0	.188	.148	.114	.161	.127	.099	.110	.088	.069	.064	.051	.040	.020	.017	.013	
3.0	.180	.130	.091	.155	.113	.079	.106	.078	.055	.061	.046	.032	.020	.015	.011	
4.0	.173	.117	.075	.148	.101	.065	.102	.071	.046	.059	.041	.027	.019	.013	.009	
5.0	.165	.107	.064	.142	.092	.055	.098	.065	.039	.057	.038	.023	.018	.012	.008	
6.0	.158	.098	.056	.136	.085	.048	.094	.060	.034	.054	.035	.020	.018	.011	.007	
7.0	.151	.092	.050	.130	.079	.043	.090	.056	.031	.052	.033	.018	.017	.011	.006	
8.0	.145	.086	.045	.125	.074	.039	.086	.052	.028	.050	.031	.017	.016	.010	.006	
9.0	.139	.081	.042	.120	.070	.036	.083	.049	.026	.048	.029	.015	.016	.010	.005	
10.0	.133	.077	.039	.115	.067	.034	.080	.047	.024	.047	.028	.014	.015	.009	.005	

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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm											
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R						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	11.9	13.4	12.2	13.6	13.9	12.4	13.9	12.7	14.1	14.4	
	3H	13.3	14.6	13.6	14.9	15.2	13.9	15.3	14.3	15.6	15.9
	4H	13.8	15.1	14.1	15.4	15.7	14.5	15.8	14.9	16.1	16.4
	6H	14.1	15.3	14.4	15.6	15.9	14.9	16.2	15.3	16.5	16.8
	8H	14.1	15.3	14.5	15.6	16.0	15.1	16.2	15.4	16.6	16.9
	12H	14.1	15.3	14.5	15.6	16.0	15.1	16.3	15.5	16.6	16.9
4H	2H	12.5	13.8	12.9	14.1	14.4	12.9	14.2	13.3	14.5	14.8
	3H	14.1	15.2	14.5	15.6	15.9	14.6	15.8	15.0	16.1	16.5
	4H	14.7	15.7	15.1	16.1	16.5	15.4	16.4	15.8	16.8	17.1
	6H	15.1	16.0	15.5	16.4	16.8	15.9	16.8	16.3	17.2	17.6
	8H	15.2	16.0	15.6	16.5	16.9	16.0	16.9	16.5	17.3	17.7
	12H	15.2	16.0	15.7	16.4	16.9	16.1	16.9	16.6	17.3	17.8
8H	4H	14.9	15.8	15.4	16.2	16.6	15.5	16.4	16.0	16.8	17.2
	6H	15.5	16.2	15.9	16.6	17.1	16.2	16.9	16.7	17.3	17.8
	8H	15.6	16.2	16.1	16.7	17.2	16.4	17.0	16.9	17.5	18.0
	12H	15.7	16.2	16.2	16.7	17.3	16.6	17.1	17.1	17.6	18.1
12H	4H	15.0	15.7	15.4	16.2	16.6	15.5	16.3	16.0	16.7	17.2
	6H	15.5	16.1	16.0	16.6	17.1	16.2	16.8	16.7	17.3	17.8
	8H	15.7	16.2	16.2	16.7	17.2	16.4	17.0	17.0	17.5	18.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 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 47.33 lm Total Lamp Luminous Flux.(8log(F/F0) = -10.6)

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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

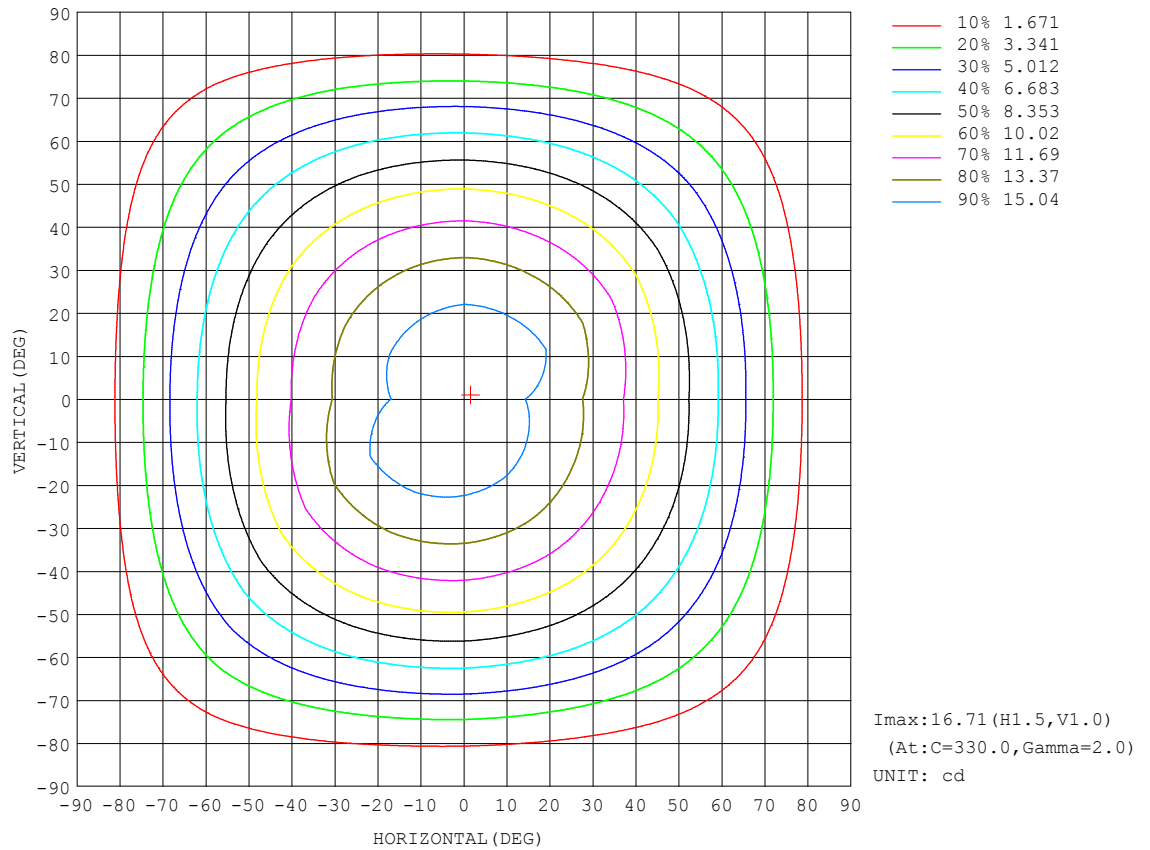
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	82	72	65	81	71	64	78	69	63	56
1.50	87	78	70	86	77	70	82	75	69	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

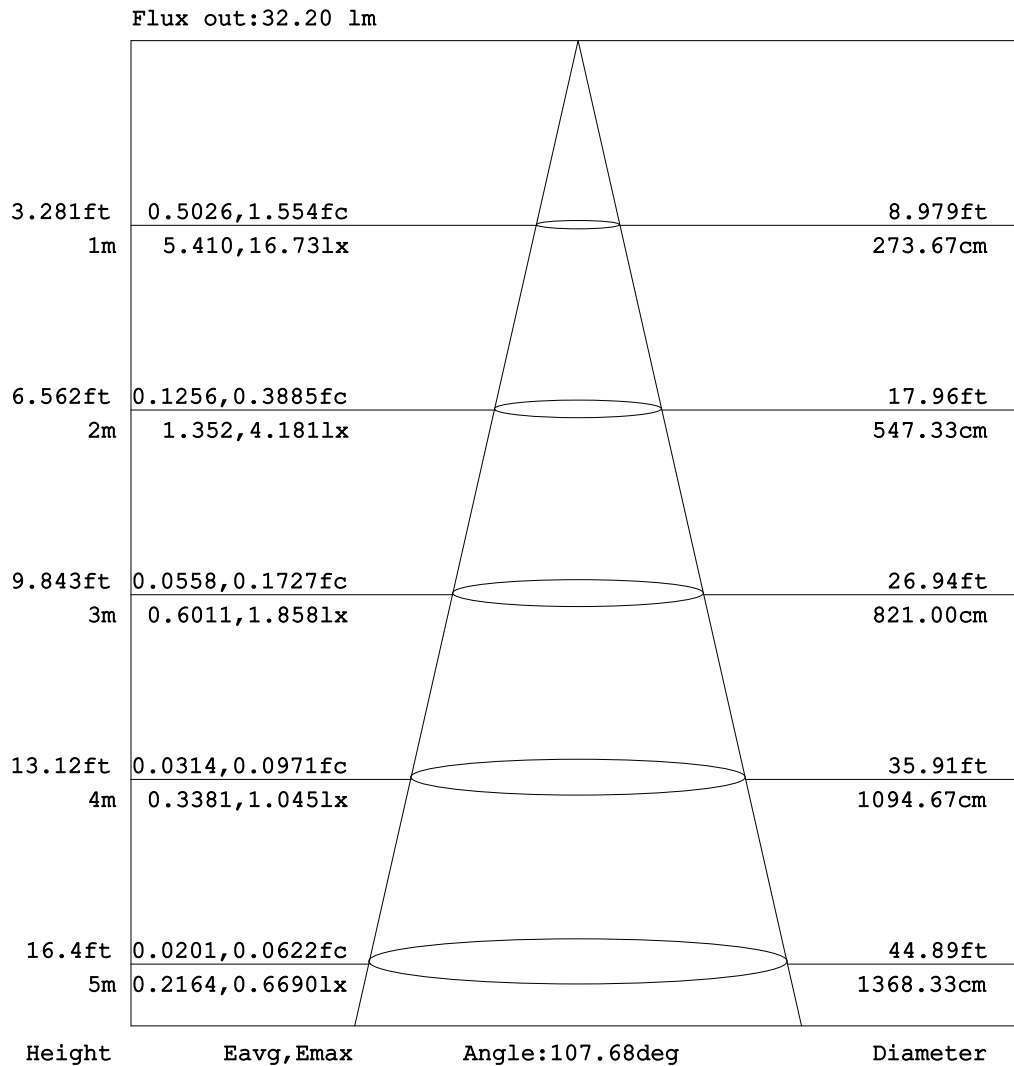


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



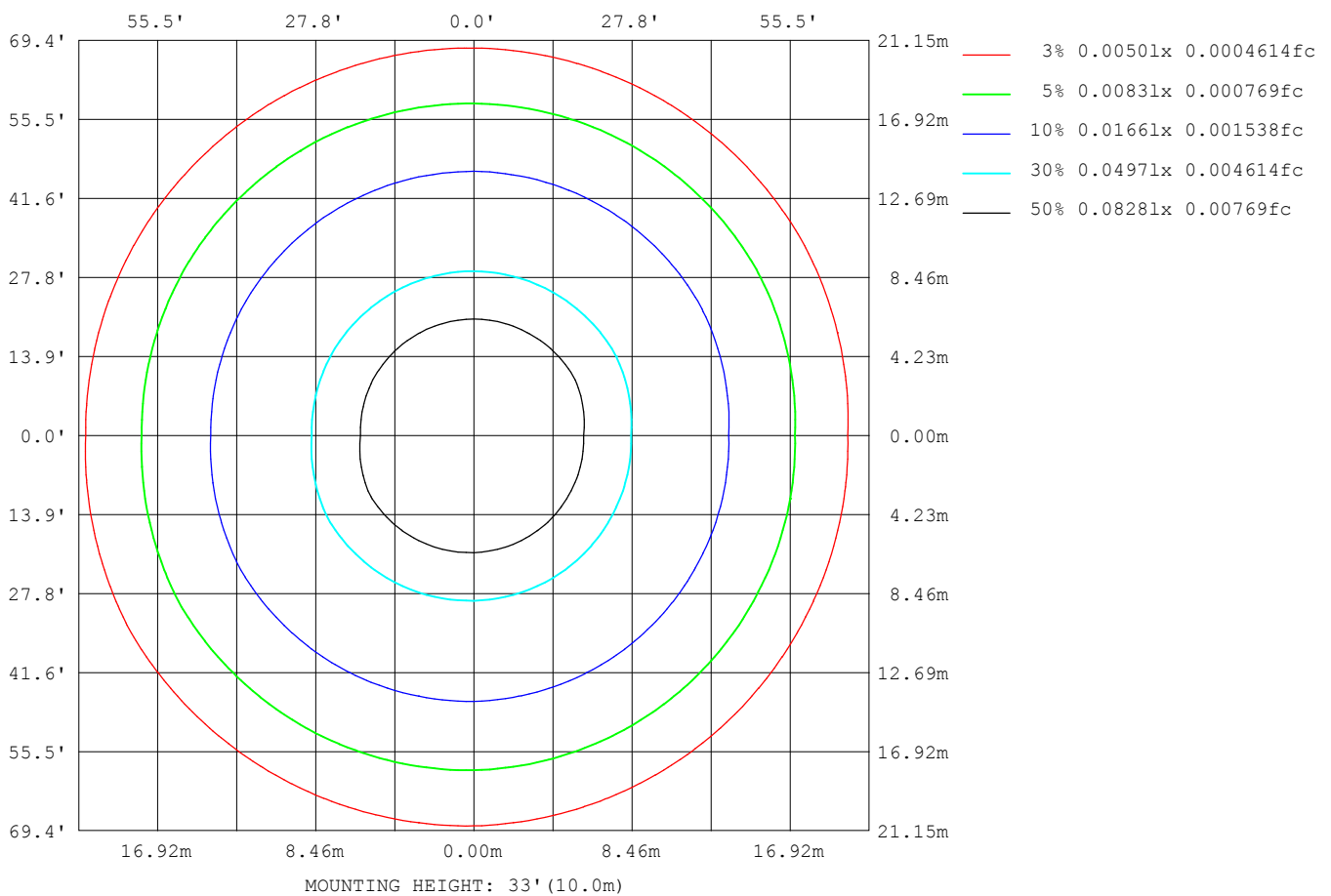
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

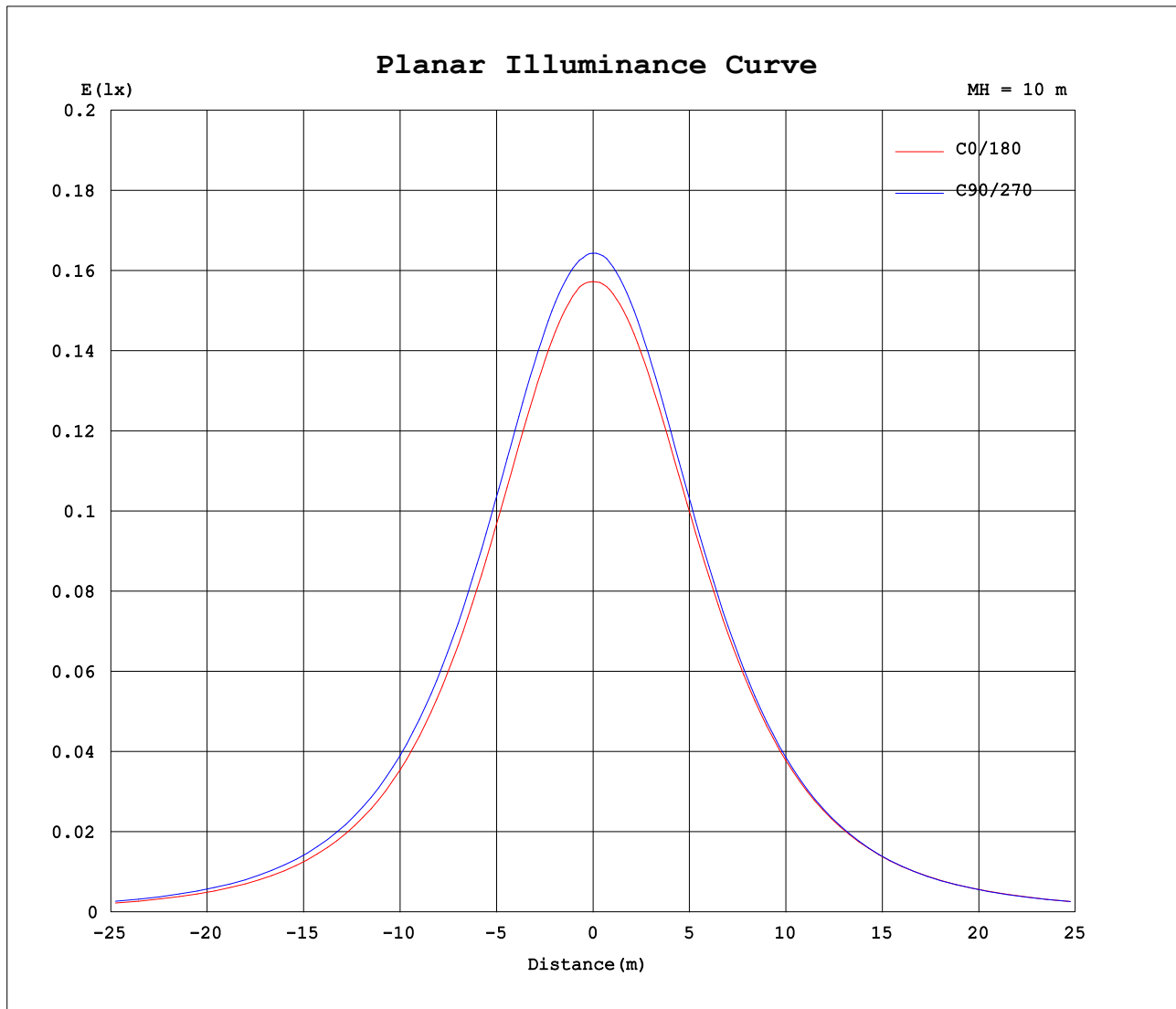
Test:U:24.00V I:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



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:0.2440A P:5.856W PF:1.000 Lamp Flux:47.332x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-R	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	15.7	16.0	16.2	16.4	16.6	16.7	15.7	16.0	16.2	16.4	16.6	16.7						
5	15.7	15.9	16.2	16.3	16.6	16.7	15.7	16.0	16.2	16.4	16.5	16.6						
10	15.4	15.6	16.0	16.1	16.4	16.5	15.5	15.8	16.0	16.2	16.2	16.4						
15	15.0	15.2	15.6	15.8	16.0	16.2	15.2	15.5	15.6	15.8	15.8	15.9						
20	14.4	14.7	15.1	15.3	15.6	15.7	14.7	15.0	15.1	15.3	15.3	15.3						
25	13.8	14.1	14.4	14.7	15.0	15.1	14.2	14.4	14.5	14.6	14.6	14.6						
30	13.0	13.3	13.7	14.0	14.2	14.3	13.5	13.7	13.8	13.9	13.8	13.8						
35	12.1	12.4	12.8	13.1	13.3	13.5	12.6	12.9	12.9	13.0	12.9	12.9						
40	11.1	11.4	11.8	12.1	12.4	12.5	11.7	11.9	12.0	12.0	11.9	11.8						
45	10.0	10.3	10.7	11.1	11.3	11.4	10.7	10.9	10.9	10.9	10.8	10.7						
50	8.90	9.19	9.58	9.91	10.1	10.2	9.60	9.78	9.78	9.75	9.60	9.49						
55	7.70	7.97	8.36	8.68	8.87	8.99	8.43	8.57	8.56	8.51	8.37	8.23						
60	6.46	6.70	7.05	7.39	7.56	7.67	7.19	7.30	7.27	7.18	7.05	6.88						
65	5.15	5.39	5.71	6.02	6.18	6.30	5.91	5.99	5.95	5.83	5.70	5.52						
70	3.84	4.04	4.31	4.60	4.75	4.87	4.58	4.62	4.58	4.44	4.30	4.12						
75	2.55	2.70	2.93	3.18	3.32	3.45	3.24	3.25	3.19	3.04	2.90	2.75						
80	1.38	1.48	1.63	1.85	1.94	2.05	1.95	1.94	1.85	1.72	1.58	1.48						
85	0.48	0.51	0.62	0.75	0.82	0.88	0.84	0.82	0.73	0.64	0.54	0.49						
90	0.10	0.13	0.20	0.23	0.23	0.19	0.13	0.15	0.10	0.16	0.11	0.07						
95	0.09	0.14	0.20	0.23	0.20	0.13	0.02	0.05	0.11	0.16	0.12	0.05						
100	0.09	0.14	0.20	0.23	0.20	0.14	0.04	0.05	0.12	0.16	0.13	0.05						
105	0.09	0.16	0.20	0.23	0.20	0.15	0.04	0.05	0.13	0.16	0.14	0.05						
110	0.09	0.16	0.20	0.23	0.20	0.17	0.06	0.05	0.14	0.16	0.15	0.05						
115	0.10	0.17	0.21	0.23	0.20	0.18	0.08	0.06	0.15	0.16	0.16	0.05						
120	0.12	0.18	0.21	0.23	0.20	0.19	0.09	0.06	0.16	0.16	0.18	0.06						
125	0.12	0.18	0.21	0.23	0.20	0.20	0.11	0.07	0.16	0.16	0.18	0.07						
130	0.12	0.19	0.21	0.23	0.21	0.21	0.12	0.08	0.17	0.16	0.19	0.10						
135	0.13	0.20	0.21	0.23	0.22	0.22	0.13	0.11	0.18	0.16	0.19	0.12						
140	0.14	0.21	0.21	0.23	0.22	0.22	0.15	0.12	0.20	0.17	0.20	0.12						
145	0.16	0.21	0.21	0.23	0.22	0.22	0.16	0.12	0.21	0.19	0.21	0.13						
150	0.18	0.21	0.21	0.23	0.22	0.22	0.17	0.13	0.21	0.19	0.21	0.15						
155	0.19	0.21	0.21	0.22	0.22	0.22	0.18	0.15	0.21	0.20	0.22	0.17						
160	0.20	0.21	0.22	0.22	0.22	0.22	0.20	0.17	0.21	0.20	0.22	0.20						
165	0.20	0.21	0.22	0.22	0.22	0.22	0.21	0.20	0.21	0.20	0.22	0.21						
170	0.20	0.21	0.22	0.22	0.22	0.22	0.21	0.20	0.21	0.20	0.22	0.21						
175	0.20	0.20	0.22	0.22	0.22	0.22	0.20	0.20	0.21	0.21	0.22	0.21						
180	0.20	0.20	0.22	0.22	0.22	0.22	0.20	0.21	0.21	0.22	0.22	0.22						

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	15.73	16.01	16.23	16.44	16.57	16.73	15.73	16.01	16.23	16.44
3.0	15.72	15.96	16.23	16.39	16.58	16.71	15.73	16.04	16.21	16.44
6.0	15.62	15.87	16.16	16.32	16.55	16.65	15.67	16.01	16.15	16.35
9.0	15.45	15.71	16.02	16.20	16.44	16.54	15.57	15.89	16.02	16.22
12.0	15.23	15.50	15.83	16.03	16.27	16.38	15.41	15.73	15.86	16.03
15.0	14.97	15.25	15.58	15.79	16.05	16.17	15.22	15.52	15.63	15.78
18.0	14.65	14.95	15.29	15.53	15.78	15.91	14.95	15.25	15.35	15.50
21.0	14.30	14.59	14.95	15.19	15.46	15.58	14.64	14.93	15.04	15.15
24.0	13.90	14.21	14.56	14.83	15.08	15.22	14.30	14.57	14.66	14.76
27.0	13.46	13.77	14.14	14.42	14.67	14.79	13.90	14.17	14.26	14.34
30.0	12.97	13.28	13.67	13.95	14.21	14.35	13.46	13.71	13.79	13.87
33.0	12.45	12.76	13.15	13.46	13.70	13.83	12.98	13.23	13.29	13.35
36.0	11.89	12.20	12.60	12.90	13.15	13.28	12.46	12.69	12.75	12.80
39.0	11.32	11.62	12.01	12.31	12.57	12.70	11.91	12.14	12.17	12.19
42.0	10.69	11.00	11.40	11.72	11.94	12.07	11.33	11.54	11.57	11.58
45.0	10.04	10.34	10.74	11.06	11.30	11.41	10.70	10.91	10.92	10.92
48.0	9.365	9.667	10.05	10.37	10.60	10.72	10.05	10.22	10.24	10.23
51.0	8.672	8.959	9.336	9.667	9.884	9.994	9.370	9.521	9.541	9.506
54.0	7.948	8.220	8.602	8.939	9.130	9.245	8.672	8.832	8.813	8.777
57.0	7.205	7.476	7.833	8.155	8.356	8.481	7.943	8.033	8.058	7.993
60.0	6.456	6.697	7.054	7.385	7.556	7.672	7.194	7.304	7.274	7.179
63.0	5.677	5.913	6.260	6.566	6.738	6.837	6.435	6.506	6.495	6.405
66.0	4.898	5.119	5.436	5.727	5.893	6.024	5.651	5.732	5.681	5.551
69.0	4.109	4.300	4.597	4.888	5.034	5.154	4.847	4.912	4.847	4.737
72.0	3.320	3.490	3.768	4.058	4.175	4.284	4.053	4.088	4.017	3.898
75.0	2.551	2.702	2.933	3.184	3.320	3.446	3.244	3.249	3.194	3.038
78.0	1.817	1.933	2.129	2.395	2.481	2.586	2.460	2.440	2.379	2.264
81.0	1.168	1.245	1.400	1.581	1.696	1.792	1.711	1.710	1.606	1.494
84.0	0.6252	0.6768	0.7814	0.9380	1.013	1.094	1.043	1.012	0.9323	0.8264
87.0	0.2524	0.2657	0.3532	0.4263	0.4943	0.5116	0.4861	0.4740	0.3907	0.3629
90.0	0.1008	0.1256	0.2013	0.2262	0.2317	0.1855	0.1300	0.1464	0.1005	0.1610
93.0	0.0854	0.1307	0.1960	0.2262	0.2010	0.1256	0.0201	0.0554	0.1006	0.1608
96.0	0.0854	0.1358	0.1960	0.2262	0.2010	0.1307	0.0202	0.0452	0.1106	0.1608
99.0	0.0854	0.1407	0.1960	0.2262	0.2010	0.1307	0.0252	0.0452	0.1156	0.1608
102.0	0.0854	0.1457	0.1960	0.2262	0.2010	0.1358	0.0302	0.0452	0.1207	0.1608
105.0	0.0854	0.1558	0.1960	0.2262	0.2010	0.1508	0.0403	0.0502	0.1258	0.1608
108.0	0.0854	0.1558	0.1960	0.2262	0.2010	0.1558	0.0503	0.0503	0.1407	0.1608
111.0	0.0854	0.1608	0.2010	0.2262	0.2010	0.1658	0.0603	0.0552	0.1457	0.1608
114.0	0.0954	0.1659	0.2060	0.2262	0.2010	0.1709	0.0704	0.0553	0.1458	0.1608
117.0	0.1156	0.1709	0.2061	0.2262	0.2010	0.1759	0.0754	0.0553	0.1458	0.1608
120.0	0.1206	0.1759	0.2061	0.2262	0.2010	0.1860	0.0854	0.0553	0.1558	0.1608
123.0	0.1206	0.1809	0.2061	0.2262	0.2010	0.2010	0.0905	0.0703	0.1608	0.1608
126.0	0.1206	0.1860	0.2061	0.2262	0.2010	0.2011	0.1005	0.0653	0.1608	0.1608
129.0	0.1206	0.1910	0.2061	0.2262	0.2061	0.2061	0.1107	0.0704	0.1709	0.1608
132.0	0.1256	0.2010	0.2061	0.2262	0.2061	0.2161	0.1207	0.0804	0.1760	0.1608
135.0	0.1307	0.2010	0.2061	0.2262	0.2161	0.2211	0.1307	0.1105	0.1810	0.1608
138.0	0.1407	0.2061	0.2061	0.2262	0.2111	0.2211	0.1457	0.1156	0.1910	0.1608
141.0	0.1506	0.2061	0.2061	0.2262	0.2161	0.2211	0.1458	0.1156	0.1960	0.1658
144.0	0.1557	0.2111	0.2061	0.2262	0.2161	0.2211	0.1558	0.1156	0.2011	0.1859
147.0	0.1558	0.2061	0.2061	0.2262	0.2212	0.2211	0.1609	0.1256	0.2010	0.1860
150.0	0.1759	0.2061	0.2061	0.2262	0.2211	0.2211	0.1710	0.1307	0.2061	0.1910
153.0	0.1959	0.2061	0.2061	0.2262	0.2211	0.2211	0.1760	0.1457	0.2061	0.1960
156.0	0.1910	0.2061	0.2111	0.2211	0.2211	0.2211	0.1811	0.1557	0.2061	0.1960
159.0	0.1961	0.2061	0.2162	0.2211	0.2211	0.2211	0.1960	0.1558	0.2061	0.1960
162.0	0.1960	0.2061	0.2161	0.2212	0.2211	0.2211	0.2010	0.1908	0.2061	0.2010
165.0	0.2010	0.2061	0.2161	0.2161	0.2211	0.2211	0.2061	0.1960	0.2061	0.2010
168.0	0.2010	0.2061	0.2161	0.2161	0.2211	0.2211	0.2061	0.2010	0.2061	0.2010
171.0	0.2010	0.2061	0.2161	0.2161	0.2211	0.2211	0.2061	0.2010	0.2061	0.2010
174.0	0.2010	0.2060	0.2161	0.2161	0.2211	0.2211	0.2010	0.2010	0.2061	0.2010
177.0	0.2010	0.2010	0.2161	0.2161	0.2211	0.2211	0.2010	0.2010	0.2061	0.2110
180.0	0.2010	0.2010	0.2161	0.2161	0.2211	0.2211	0.2010	0.2061	0.2061	0.2161
G/C	300.0	330.0								
0.0	16.57	16.73								
3.0	16.51	16.71								
6.0	16.44	16.59								
9.0	16.27	16.42								
12.0	16.07	16.19								
15.0	15.81	15.92								
18.0	15.50	15.59								
21.0	15.15	15.20								
24.0	14.74	14.78								
27.0	14.30	14.31								
30.0	13.80	13.80								

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

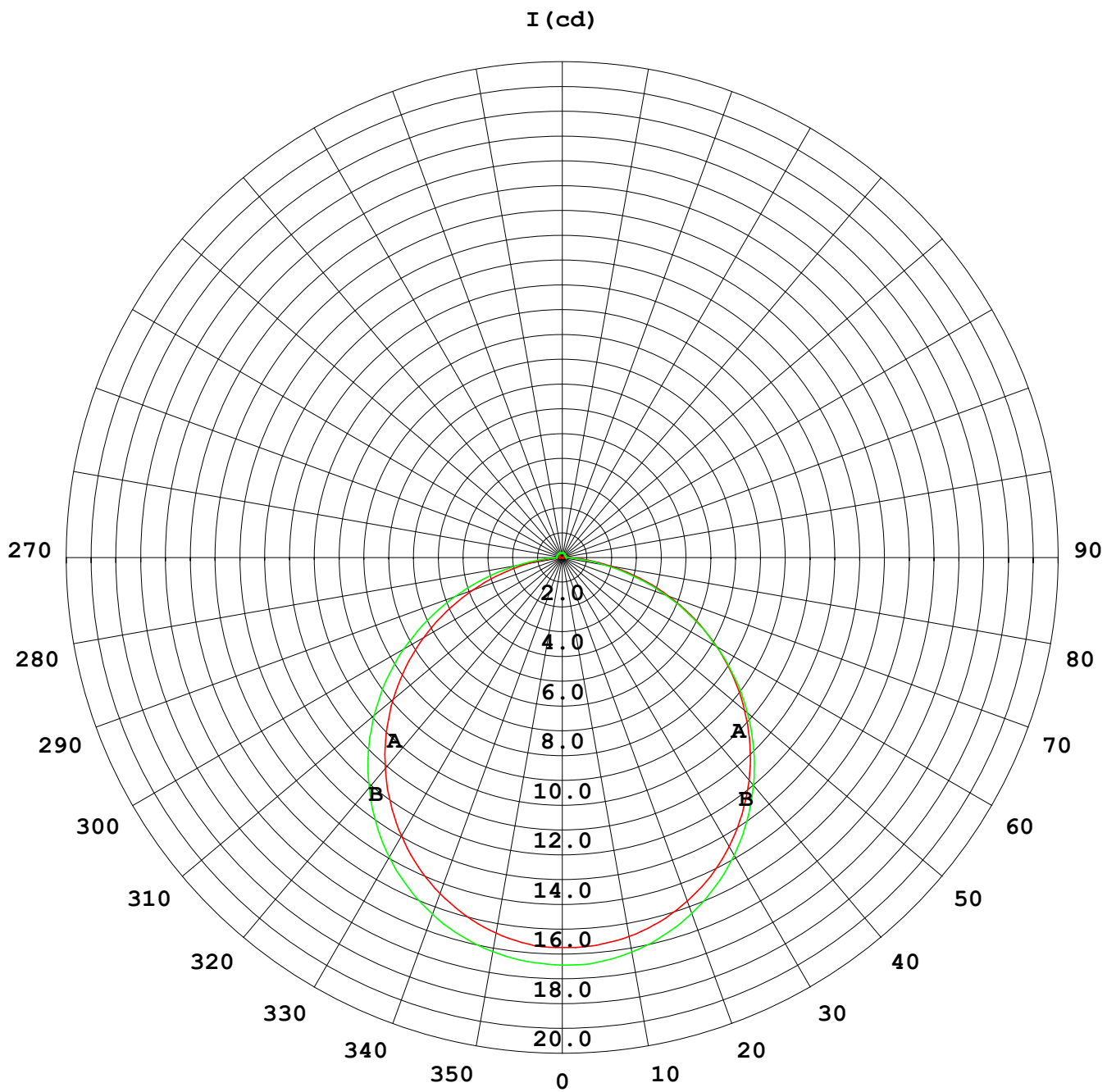
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	13.27	13.26
36.0	12.70	12.66
39.0	12.09	12.03
42.0	11.46	11.40
45.0	10.79	10.71
48.0	10.09	9.983
51.0	9.360	9.245
54.0	8.612	8.496
57.0	7.837	7.707
60.0	7.048	6.882
63.0	6.254	6.089
66.0	5.410	5.249
69.0	4.585	4.390
72.0	3.736	3.576
75.0	2.902	2.751
78.0	2.093	1.957
81.0	1.359	1.263
84.0	0.7165	0.6551
87.0	0.2703	0.2372
90.0	0.1106	0.0656
93.0	0.1157	0.0452
96.0	0.1207	0.0452
99.0	0.1307	0.0452
102.0	0.1358	0.0452
105.0	0.1408	0.0452
108.0	0.1459	0.0452
111.0	0.1558	0.0452
114.0	0.1559	0.0452
117.0	0.1659	0.0503
120.0	0.1759	0.0553
123.0	0.1759	0.0653
126.0	0.1809	0.0753
129.0	0.1810	0.0955
132.0	0.1910	0.1155
135.0	0.1910	0.1206
138.0	0.2010	0.1206
141.0	0.2010	0.1206
144.0	0.2061	0.1256
147.0	0.2061	0.1307
150.0	0.2111	0.1457
153.0	0.2161	0.1558
156.0	0.2161	0.1609
159.0	0.2161	0.1960
162.0	0.2161	0.2061
165.0	0.2161	0.2061
168.0	0.2161	0.2061
171.0	0.2161	0.2061
174.0	0.2161	0.2111
177.0	0.2161	0.2111
180.0	0.2161	0.2161

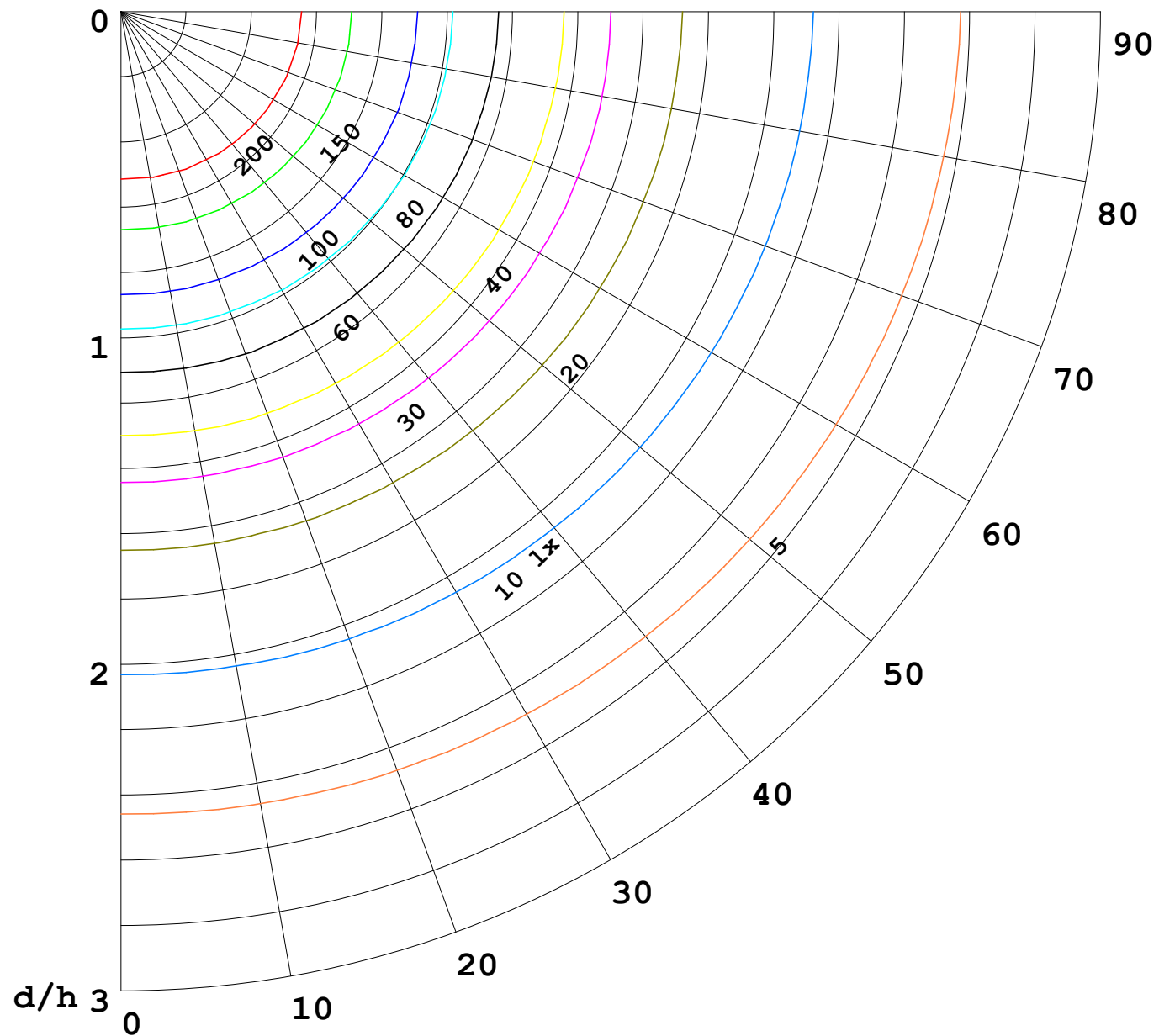
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

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:



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

