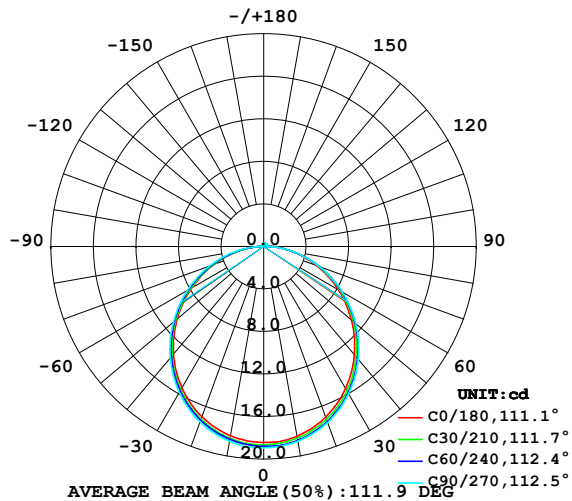


LUMINAIRE PHOTOMETRIC TEST REPORT

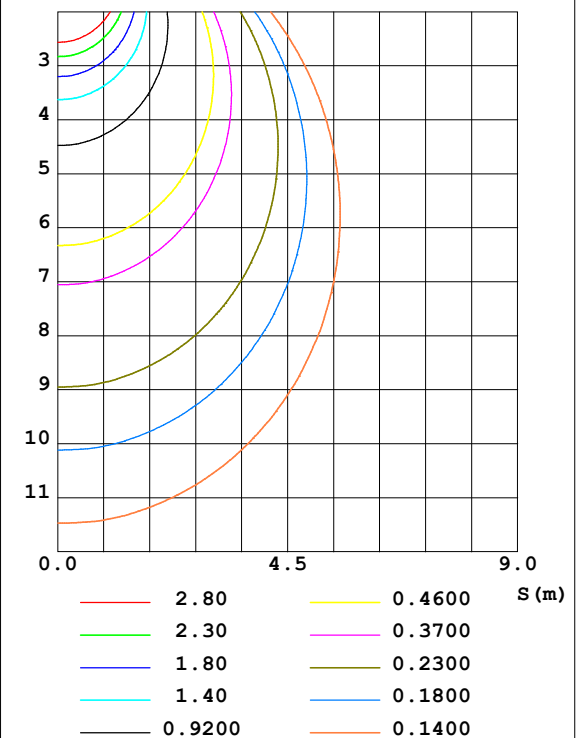
Test:U:24.00V I:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.19 lm/W			
MODEL	5050	I _{max} (cd)	19.12	S/MH (C0/180)	1.24
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	55.579	η UP,DN(C0-180)	1.4,49.2
NOMINAL FLUX(lm)	55.5791	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,48.5
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down (%)	97.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



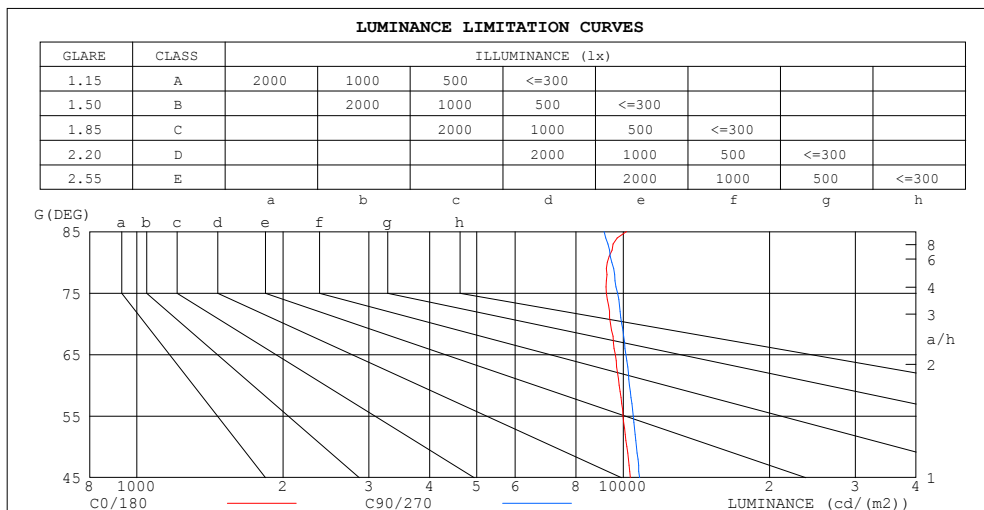
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-09

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	18.12	18.40	18.59	18.75	18.07	18.36	18.59	18.73	0- 10	1.782	1.782	3.21,3.21
20	17.07	17.40	17.61	17.71	17.03	17.32	17.56	17.67	10- 20	5.093	6.875	12.4,12.4
30	15.41	15.77	15.98	16.03	15.38	15.65	15.88	15.95	20- 30	7.692	14.57	26.2,26.2
40	13.28	13.63	13.83	13.80	13.21	13.46	13.67	13.75	30- 40	9.229	23.80	42.8,42.8
50	10.79	11.14	11.30	11.18	10.63	10.88	11.11	11.19	40- 50	9.539	33.34	60,60
60	8.093	8.400	8.502	8.269	7.819	8.040	8.292	8.381	50- 60	8.640	41.97	75.5,75.5
70	5.313	5.551	5.601	5.265	4.976	5.141	5.432	5.514	60- 70	6.731	48.71	87.6,87.6
80	2.657	2.773	2.715	2.374	2.216	2.329	2.615	2.717	70- 80	4.158	52.86	95.1,95.1
90	0.3745	0.3858	0.3043	0.3254	0.2723	0.2755	0.2263	0.2758	80- 90	1.402	54.27	97.6,97.6
100	0.1154	0.2519	0.3043	0.1941	0.0367	0.1364	0.2204	0.1338	90-100	0.2182	54.48	98,98
110	0.1311	0.2650	0.3043	0.2099	0.0840	0.1496	0.2204	0.1417	100-110	0.1930	54.68	98.4,98.4
120	0.1259	0.2676	0.3043	0.2204	0.1103	0.1705	0.2204	0.1679	110-120	0.1930	54.87	98.7,98.7
130	0.1469	0.2676	0.3043	0.2413	0.1469	0.1888	0.2204	0.1784	120-130	0.1859	55.06	99.1,99.1
140	0.1836	0.2676	0.3043	0.2518	0.1836	0.1993	0.2204	0.1993	130-140	0.1704	55.23	99.4,99.4
150	0.2099	0.2676	0.3043	0.2571	0.2152	0.2230	0.2204	0.2282	140-150	0.1473	55.37	99.6,99.6
160	0.2099	0.2676	0.2833	0.2571	0.2256	0.2256	0.2256	0.2309	150-160	0.1121	55.49	99.8,99.8
170	0.2256	0.2597	0.2833	0.2571	0.2256	0.2309	0.2361	0.2413	160-170	0.0692	55.56	100,100
180	0.2309	0.2597	0.2833	0.2571	0.2256	0.2387	0.2466	0.2492	170-180	0.0236	55.58	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	10161	9139
80	9275	9477
75	9234	9737
70	9414	9925
65	9628	10124
60	9810	10306
55	9999	10481
50	10174	10653
45	10354	10804

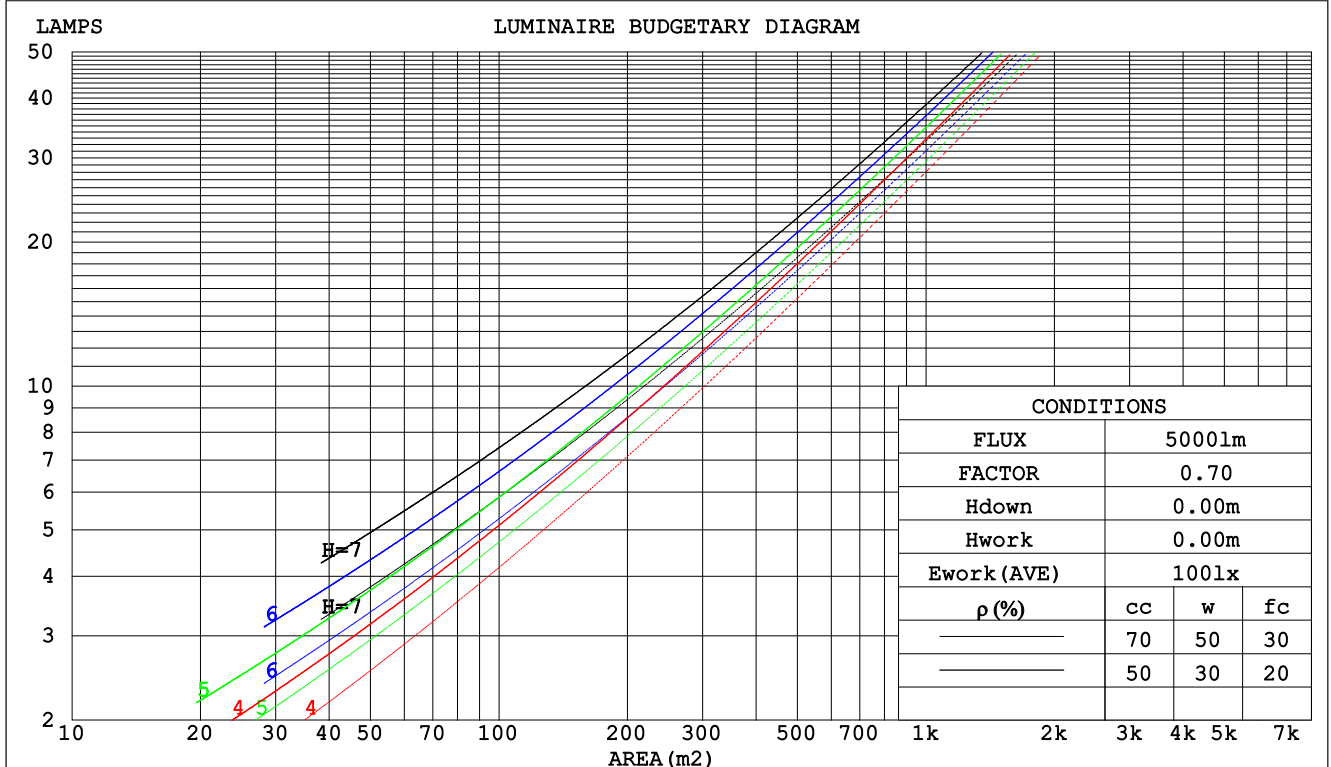
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	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						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.03	.98	.94	1.00	.96	.93	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3.0	.78	.70	.63	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	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	.319	.181	.057	.311	.177	.056	.296	.170	.054	.283	.163	.052	.271	.157	.051		
2.0	.297	.163	.050	.290	.160	.049	.277	.154	.048	.265	.149	.046	.254	.143	.045		
3.0	.273	.145	.044	.267	.143	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040		
4.0	.251	.130	.038	.246	.129	.038	.235	.125	.037	.226	.121	.037	.217	.118	.036		
5.0	.232	.118	.034	.227	.116	.034	.218	.113	.033	.209	.110	.033	.201	.107	.032		
6.0	.214	.107	.031	.210	.106	.031	.202	.103	.030	.194	.101	.030	.187	.098	.029		
7.0	.199	.099	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.186	.091	.026	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024		
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.159	.080	.023	.154	.078	.023		
10.0	.164	.078	.022	.161	.078	.022	.155	.076	.021	.150	.075	.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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.199	.174	.152	.170	.150	.131	.117	.103	.090	.067	.060	.053	.021	.019	.017	
2.0	.191	.150	.116	.164	.129	.100	.112	.089	.070	.065	.052	.041	.021	.017	.013	
3.0	.183	.133	.092	.157	.114	.080	.108	.080	.056	.062	.046	.033	.020	.015	.011	
4.0	.176	.119	.076	.151	.103	.066	.104	.072	.047	.060	.042	.028	.019	.014	.009	
5.0	.168	.109	.065	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
6.0	.161	.101	.058	.138	.087	.050	.096	.061	.035	.055	.036	.021	.018	.012	.007	
7.0	.154	.094	.052	.133	.081	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.148	.088	.047	.127	.076	.041	.088	.054	.029	.051	.032	.017	.017	.010	.006	
9.0	.142	.083	.044	.122	.072	.038	.085	.051	.027	.049	.030	.016	.016	.010	.005	
10.0	.136	.079	.041	.117	.069	.036	.081	.048	.025	.047	.029	.015	.015	.009	.005	

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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm											
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R					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	20.8	22.2	21.1	22.5	22.7	20.9	22.4	21.3	22.7	22.9	
	3H	22.4	23.8	22.7	24.0	24.3	22.6	24.0	22.9	24.3	24.6
	4H	23.1	24.4	23.4	24.7	25.0	23.3	24.7	23.7	24.9	25.3
	6H	23.7	24.9	24.0	25.2	25.6	23.9	25.2	24.3	25.5	25.8
	8H	23.9	25.1	24.3	25.4	25.8	24.1	25.3	24.5	25.7	26.0
	12H	24.1	25.3	24.5	25.6	26.0	24.3	25.4	24.7	25.8	26.1
4H	2H	21.4	22.7	21.8	23.0	23.3	21.6	22.9	21.9	23.2	23.5
	3H	23.3	24.4	23.6	24.7	25.1	23.4	24.6	23.8	24.9	25.3
	4H	24.1	25.2	24.5	25.5	25.9	24.3	25.4	24.7	25.7	26.1
	6H	24.8	25.8	25.3	26.2	26.6	25.0	26.0	25.5	26.4	26.8
	8H	25.1	26.0	25.6	26.4	26.9	25.3	26.2	25.8	26.6	27.0
	12H	25.4	26.2	25.9	26.6	27.1	25.5	26.3	26.0	26.8	27.2
8H	4H	24.4	25.3	24.9	25.7	26.2	24.6	25.5	25.1	25.9	26.3
	6H	25.4	26.1	25.9	26.6	27.0	25.5	26.3	26.0	26.7	27.2
	8H	25.8	26.4	26.3	26.9	27.4	25.9	26.6	26.4	27.0	27.5
	12H	26.2	26.7	26.7	27.2	27.8	26.3	26.8	26.8	27.3	27.8
12H	4H	24.5	25.3	24.9	25.7	26.2	24.6	25.5	25.1	25.9	26.3
	6H	25.5	26.1	26.0	26.6	27.1	25.6	26.3	26.1	26.7	27.2
	8H	26.0	26.5	26.5	27.0	27.5	26.1	26.6	26.6	27.1	27.7
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 55.58 lm Total Lamp Luminous Flux. (8log(F/F0) = -10.0)

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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

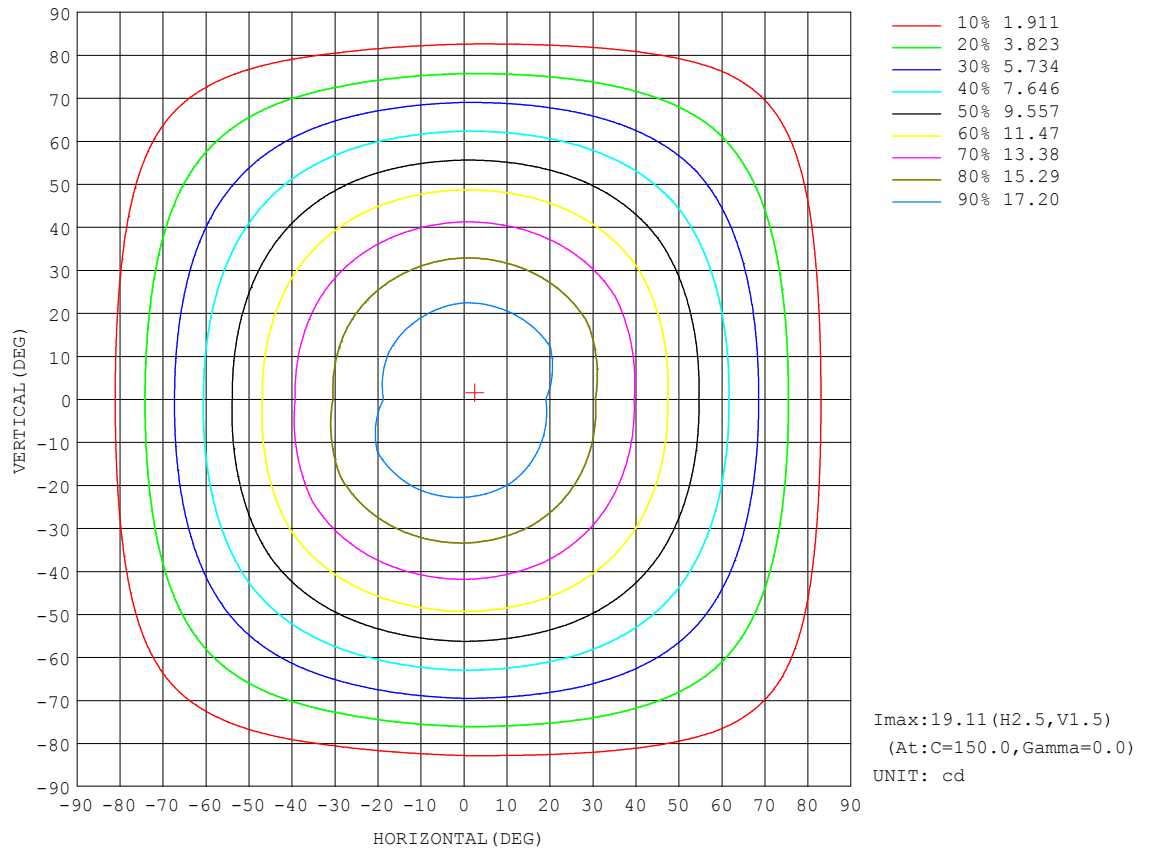
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	83	77	88	81	76	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	103	97	93	98	93	90	80
5.00	108	103	98	105	100	97	100	96	93	83
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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

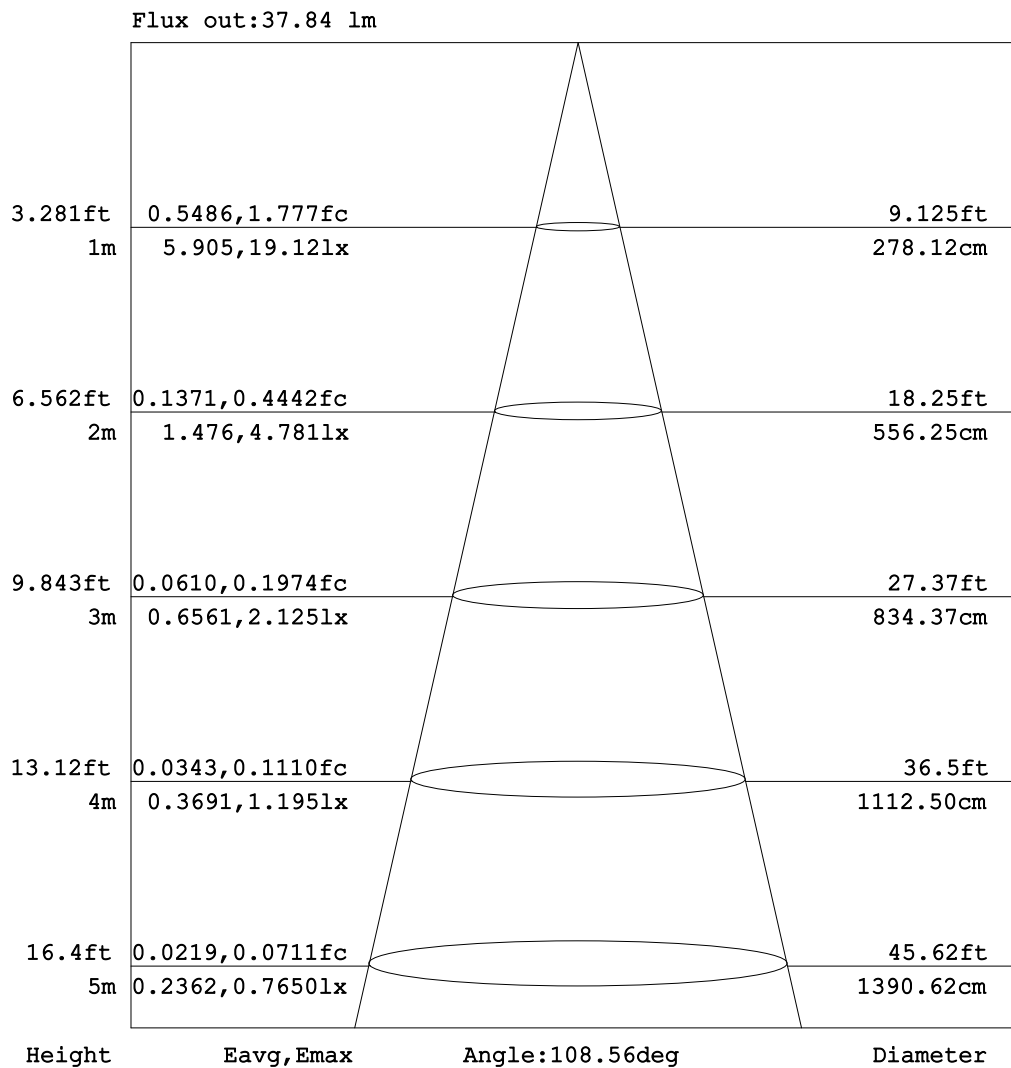


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-09

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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:2024004005
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



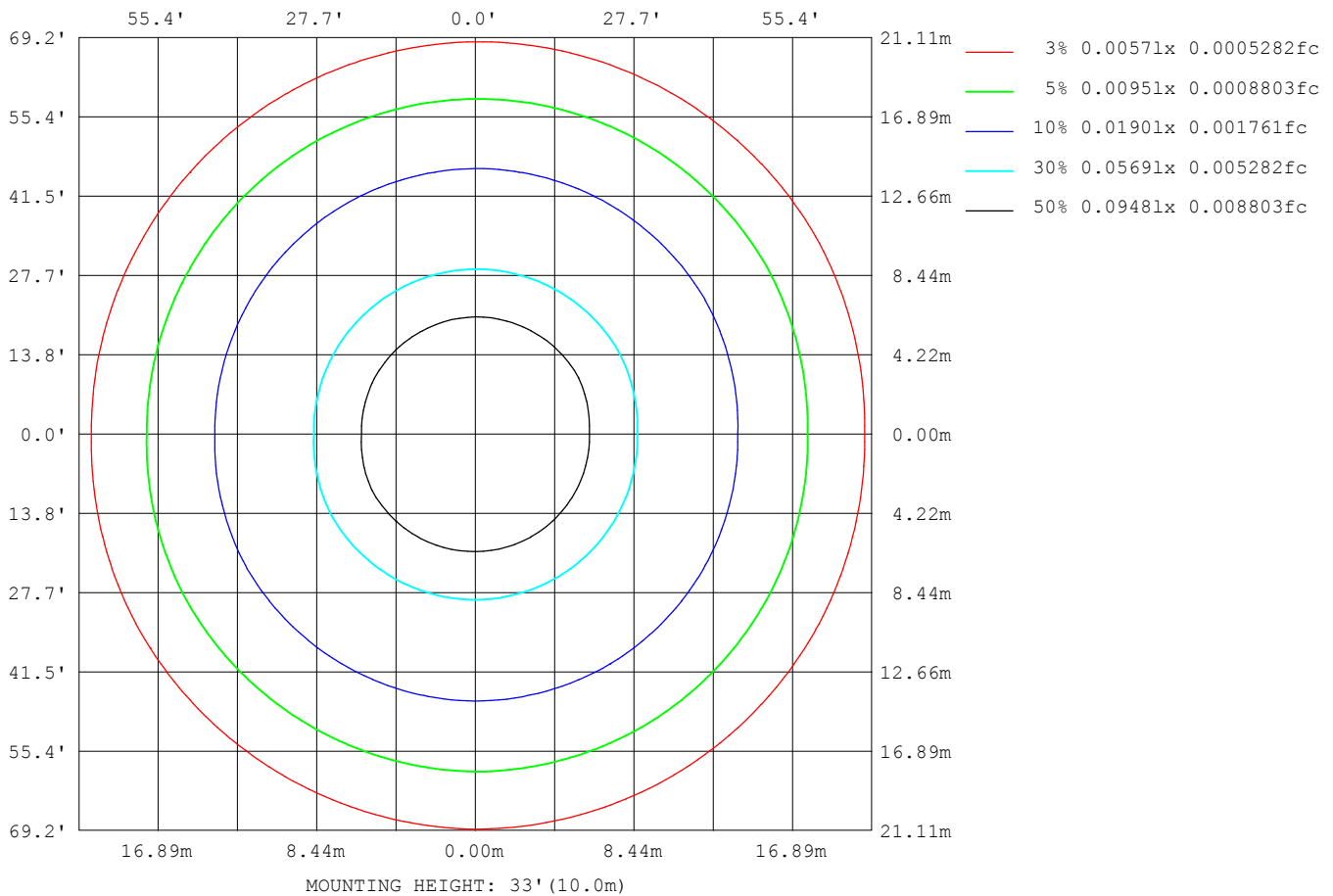
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

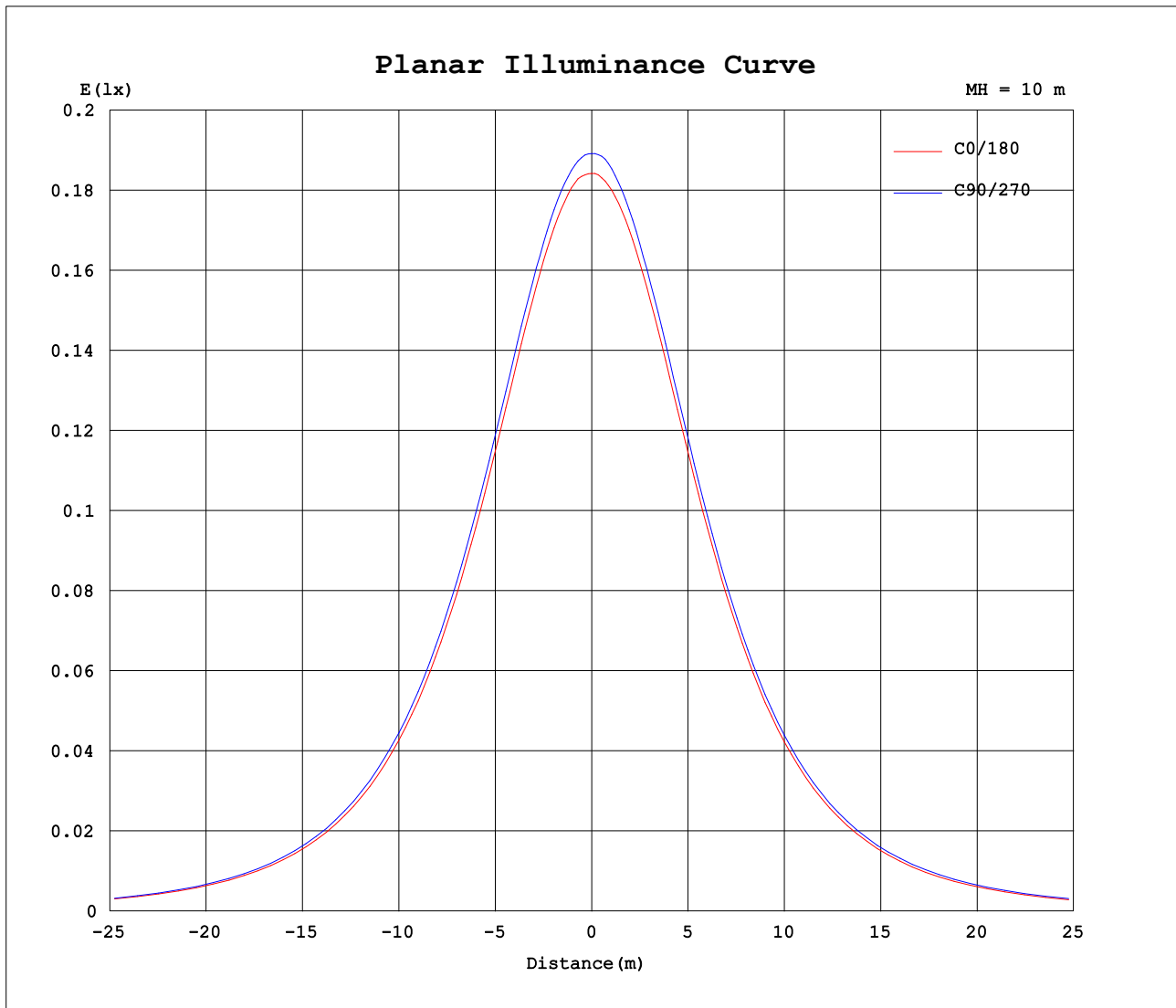
Test:U:24.00V I:0.1900A P:4.560W PF:1.000 Lamp Flux:55.579lx 1m		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.: 2024004005
MFR.: OLYMPIA	SUR.: 1.0*0.0165	PROTECTION ANGLE:



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:0.1900A P:4.560W PF:1.000 Lamp Flux:55.5791x1 lm		
NAME: SF17-24V-5050-84-RGBW(3000K)-V1-90-R	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	18.4	18.6	18.8	18.9	19.0	19.1	18.4	18.6	18.8	18.9	19.0	19.1						
5	18.4	18.5	18.8	18.8	19.0	19.0	18.3	18.6	18.7	18.9	18.9	19.1						
10	18.1	18.3	18.5	18.6	18.7	18.8	18.1	18.3	18.4	18.6	18.7	18.8						
15	17.7	17.9	18.1	18.2	18.3	18.3	17.6	17.9	18.0	18.1	18.2	18.3						
20	17.1	17.3	17.5	17.6	17.7	17.7	17.0	17.3	17.4	17.6	17.6	17.7						
25	16.3	16.5	16.8	16.9	16.9	17.0	16.3	16.5	16.6	16.8	16.8	16.9						
30	15.4	15.7	15.9	16.0	16.0	16.0	15.4	15.6	15.7	15.9	15.9	16.0						
35	14.4	14.6	14.9	15.0	15.0	15.0	14.4	14.6	14.7	14.8	14.9	14.9						
40	13.3	13.5	13.7	13.8	13.8	13.8	13.2	13.4	13.5	13.7	13.7	13.8						
45	12.1	12.3	12.5	12.6	12.6	12.5	12.0	12.2	12.3	12.4	12.5	12.5						
50	10.8	11.0	11.2	11.3	11.2	11.2	10.6	10.8	11.0	11.1	11.2	11.2						
55	9.46	9.70	9.87	9.92	9.79	9.70	9.25	9.39	9.60	9.72	9.78	9.82						
60	8.09	8.33	8.47	8.50	8.33	8.20	7.82	7.92	8.16	8.29	8.37	8.39						
65	6.71	6.93	7.04	7.06	6.86	6.68	6.39	6.48	6.70	6.88	6.95	6.96						
70	5.31	5.50	5.60	5.60	5.35	5.18	4.98	5.04	5.24	5.43	5.51	5.52						
75	3.94	4.11	4.18	4.16	3.87	3.75	3.59	3.67	3.79	4.02	4.08	4.10						
80	2.66	2.77	2.78	2.72	2.43	2.32	2.22	2.28	2.38	2.62	2.69	2.74						
85	1.46	1.51	1.45	1.31	1.08	0.96	0.90	0.96	1.05	1.26	1.37	1.47						
90	0.37	0.39	0.38	0.30	0.35	0.30	0.27	0.33	0.23	0.23	0.23	0.32						
95	0.12	0.20	0.29	0.30	0.25	0.14	0.10	0.15	0.17	0.22	0.16	0.09						
100	0.12	0.21	0.29	0.30	0.25	0.14	0.04	0.10	0.17	0.22	0.17	0.09						
105	0.12	0.22	0.29	0.30	0.25	0.16	0.06	0.10	0.19	0.22	0.19	0.09						
110	0.13	0.23	0.30	0.30	0.25	0.17	0.08	0.10	0.20	0.22	0.19	0.09						
115	0.13	0.24	0.30	0.30	0.25	0.18	0.09	0.10	0.21	0.22	0.20	0.10						
120	0.13	0.24	0.30	0.30	0.25	0.19	0.11	0.13	0.22	0.22	0.21	0.13						
125	0.14	0.24	0.30	0.30	0.25	0.22	0.13	0.13	0.23	0.22	0.22	0.13						
130	0.15	0.24	0.30	0.30	0.25	0.24	0.15	0.15	0.23	0.22	0.23	0.13						
135	0.16	0.24	0.30	0.30	0.25	0.25	0.16	0.15	0.24	0.22	0.24	0.14						
140	0.18	0.24	0.30	0.30	0.25	0.26	0.18	0.16	0.24	0.22	0.25	0.15						
145	0.20	0.24	0.30	0.30	0.25	0.26	0.20	0.17	0.24	0.22	0.25	0.17						
150	0.21	0.24	0.30	0.30	0.26	0.26	0.22	0.20	0.24	0.22	0.25	0.20						
155	0.21	0.24	0.30	0.29	0.26	0.26	0.23	0.20	0.24	0.22	0.25	0.21						
160	0.21	0.24	0.30	0.28	0.26	0.26	0.23	0.21	0.24	0.23	0.25	0.21						
165	0.22	0.24	0.29	0.28	0.26	0.26	0.23	0.22	0.24	0.23	0.25	0.22						
170	0.23	0.24	0.28	0.28	0.26	0.26	0.23	0.22	0.24	0.24	0.25	0.23						
175	0.23	0.24	0.28	0.28	0.26	0.26	0.23	0.23	0.24	0.24	0.25	0.24						
180	0.23	0.24	0.28	0.28	0.26	0.26	0.23	0.24	0.24	0.25	0.25	0.25						

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:

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	18.42	18.63	18.78	18.92	19.02	19.12	18.42	18.63	18.78	18.92
3.0	18.42	18.60	18.78	18.89	19.02	19.09	18.39	18.63	18.75	18.93
6.0	18.35	18.51	18.73	18.80	18.96	19.00	18.29	18.55	18.65	18.84
9.0	18.19	18.36	18.58	18.66	18.80	18.83	18.13	18.39	18.48	18.67
12.0	17.95	18.15	18.36	18.45	18.58	18.61	17.91	18.15	18.26	18.44
15.0	17.68	17.87	18.09	18.17	18.30	18.33	17.64	17.87	17.97	18.14
18.0	17.34	17.55	17.77	17.84	17.96	17.98	17.30	17.53	17.64	17.81
21.0	16.92	17.16	17.38	17.47	17.57	17.58	16.90	17.13	17.24	17.41
24.0	16.48	16.70	16.93	17.02	17.11	17.12	16.44	16.66	16.78	16.94
27.0	15.97	16.22	16.43	16.52	16.60	16.59	15.93	16.16	16.27	16.43
30.0	15.41	15.66	15.88	15.98	16.04	16.03	15.38	15.59	15.71	15.88
33.0	14.83	15.08	15.29	15.39	15.42	15.41	14.78	14.99	15.10	15.25
36.0	14.18	14.43	14.66	14.75	14.77	14.74	14.13	14.34	14.45	14.61
39.0	13.51	13.76	13.98	14.07	14.06	14.04	13.44	13.63	13.75	13.91
42.0	12.80	13.06	13.27	13.36	13.32	13.29	12.71	12.89	13.04	13.18
45.0	12.08	12.33	12.53	12.61	12.55	12.50	11.96	12.15	12.28	12.43
48.0	11.31	11.56	11.77	11.85	11.77	11.70	11.17	11.35	11.49	11.65
51.0	10.52	10.77	10.96	11.03	10.94	10.86	10.36	10.52	10.69	10.83
54.0	9.725	9.977	10.14	10.20	10.08	9.987	9.525	9.693	9.856	10.01
57.0	8.922	9.143	9.316	9.368	9.227	9.095	8.680	8.822	9.000	9.163
60.0	8.093	8.329	8.471	8.502	8.335	8.203	7.819	7.925	8.155	8.292
63.0	7.265	7.463	7.616	7.657	7.449	7.290	6.959	7.085	7.258	7.442
66.0	6.430	6.645	6.761	6.766	6.562	6.393	6.109	6.173	6.408	6.592
69.0	5.596	5.785	5.890	5.905	5.654	5.480	5.259	5.359	5.532	5.726
72.0	4.778	4.940	5.035	5.029	4.752	4.625	4.409	4.447	4.645	4.872
75.0	3.943	4.106	4.180	4.158	3.870	3.754	3.586	3.675	3.785	4.021
78.0	3.177	3.293	3.330	3.298	2.994	2.883	2.762	2.825	2.935	3.171
81.0	2.416	2.516	2.490	2.427	2.154	2.028	1.943	2.006	2.106	2.342
84.0	1.677	1.745	1.693	1.587	1.341	1.220	1.146	1.204	1.314	1.524
87.0	0.9787	1.042	0.9473	0.7799	0.6059	0.5342	0.5129	0.5474	0.5595	0.7107
90.0	0.3745	0.3924	0.3793	0.3043	0.3519	0.2989	0.2723	0.3256	0.2254	0.2263
93.0	0.1263	0.2046	0.2991	0.3043	0.2625	0.1990	0.1675	0.2207	0.1679	0.2204
96.0	0.1154	0.2099	0.2938	0.3043	0.2466	0.1417	0.0627	0.1314	0.1680	0.2204
99.0	0.1154	0.2099	0.2938	0.3043	0.2466	0.1417	0.0367	0.0997	0.1731	0.2204
102.0	0.1154	0.2151	0.2938	0.3043	0.2466	0.1574	0.0420	0.0997	0.1836	0.2204
105.0	0.1154	0.2204	0.2938	0.3043	0.2466	0.1626	0.0578	0.0997	0.1889	0.2204
108.0	0.1154	0.2257	0.2990	0.3043	0.2466	0.1731	0.0735	0.0997	0.1994	0.2204
111.0	0.1260	0.2309	0.2991	0.3043	0.2466	0.1784	0.0891	0.0997	0.2046	0.2204
114.0	0.1259	0.2361	0.2991	0.3043	0.2466	0.1836	0.0893	0.0997	0.2047	0.2204
117.0	0.1259	0.2361	0.2991	0.3043	0.2466	0.1889	0.0998	0.1101	0.2099	0.2204
120.0	0.1259	0.2361	0.2991	0.3043	0.2466	0.1942	0.1103	0.1259	0.2151	0.2204
123.0	0.1259	0.2361	0.2991	0.3043	0.2466	0.2047	0.1260	0.1312	0.2204	0.2204
126.0	0.1364	0.2361	0.2991	0.3043	0.2466	0.2204	0.1364	0.1312	0.2256	0.2204
129.0	0.1468	0.2361	0.2991	0.3043	0.2466	0.2309	0.1417	0.1365	0.2309	0.2204
132.0	0.1522	0.2361	0.2991	0.3043	0.2466	0.2413	0.1522	0.1469	0.2309	0.2204
135.0	0.1575	0.2361	0.2991	0.3043	0.2466	0.2466	0.1627	0.1469	0.2413	0.2204
138.0	0.1730	0.2361	0.2991	0.3043	0.2466	0.2571	0.1836	0.1469	0.2413	0.2204
141.0	0.1888	0.2361	0.2991	0.3043	0.2466	0.2571	0.1837	0.1574	0.2413	0.2204
144.0	0.2046	0.2361	0.2991	0.3043	0.2466	0.2571	0.2046	0.1626	0.2413	0.2204
147.0	0.2099	0.2361	0.2991	0.3043	0.2519	0.2571	0.2047	0.1888	0.2413	0.2204
150.0	0.2099	0.2361	0.2991	0.3043	0.2570	0.2571	0.2152	0.2046	0.2413	0.2204
153.0	0.2099	0.2361	0.2991	0.2991	0.2571	0.2571	0.2256	0.2046	0.2413	0.2204
156.0	0.2099	0.2361	0.2991	0.2886	0.2571	0.2571	0.2256	0.2098	0.2413	0.2204
159.0	0.2099	0.2361	0.2991	0.2833	0.2571	0.2571	0.2256	0.2099	0.2413	0.2256
162.0	0.2151	0.2361	0.2991	0.2833	0.2571	0.2571	0.2256	0.2099	0.2413	0.2360
165.0	0.2204	0.2361	0.2939	0.2833	0.2571	0.2571	0.2256	0.2151	0.2413	0.2309
168.0	0.2204	0.2361	0.2886	0.2833	0.2571	0.2571	0.2256	0.2203	0.2413	0.2361
171.0	0.2256	0.2361	0.2833	0.2833	0.2571	0.2571	0.2256	0.2204	0.2413	0.2361
174.0	0.2309	0.2361	0.2833	0.2833	0.2571	0.2571	0.2256	0.2256	0.2413	0.2413
177.0	0.2309	0.2361	0.2833	0.2833	0.2571	0.2571	0.2256	0.2309	0.2413	0.2413
180.0	0.2309	0.2361	0.2833	0.2833	0.2571	0.2571	0.2256	0.2361	0.2413	0.2466
G/C	300.0	330.0								
0.0	19.02	19.12								
3.0	18.99	19.12								
6.0	18.88	19.04								
9.0	18.72	18.87								
12.0	18.50	18.63								
15.0	18.20	18.33								
18.0	17.86	17.97								
21.0	17.49	17.57								
24.0	17.01	17.10								
27.0	16.49	16.57								
30.0	15.92	15.98								

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:

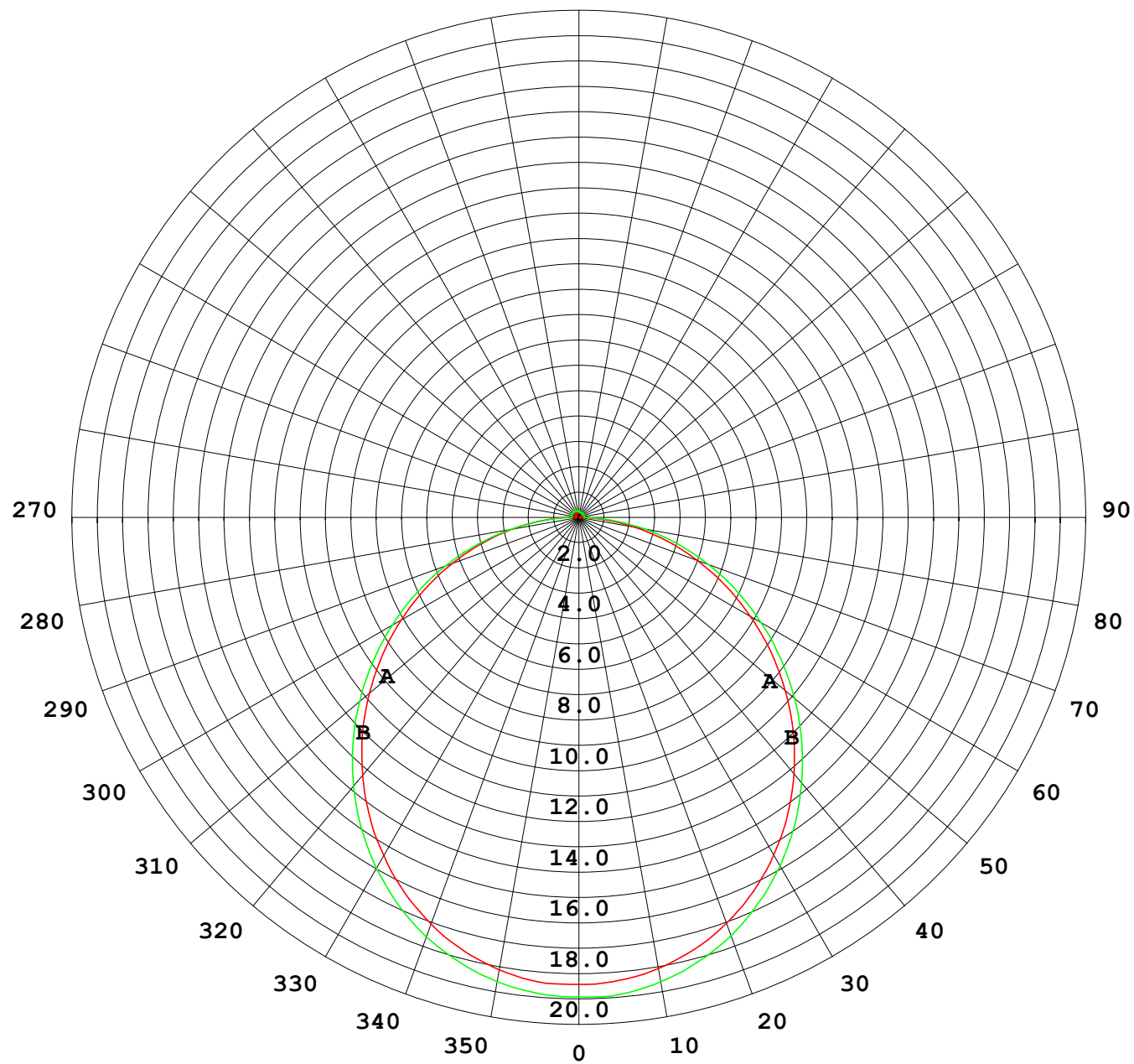
Photometric Data Table [cd]

33.0	15.31	15.38
36.0	14.66	14.71
39.0	13.97	14.01
42.0	13.24	13.29
45.0	12.47	12.52
48.0	11.70	11.73
51.0	10.89	10.92
54.0	10.06	10.09
57.0	9.226	9.231
60.0	8.370	8.392
63.0	7.510	7.531
66.0	6.660	6.666
69.0	5.794	5.816
72.0	4.934	4.961
75.0	4.084	4.100
78.0	3.245	3.266
81.0	2.416	2.499
84.0	1.608	1.697
87.0	0.8632	0.9886
90.0	0.2301	0.3216
93.0	0.1575	0.0999
96.0	0.1626	0.0944
99.0	0.1679	0.0944
102.0	0.1784	0.0893
105.0	0.1889	0.0892
108.0	0.1889	0.0892
111.0	0.1994	0.0892
114.0	0.2098	0.0944
117.0	0.2046	0.1101
120.0	0.2099	0.1259
123.0	0.2151	0.1259
126.0	0.2204	0.1259
129.0	0.2256	0.1259
132.0	0.2309	0.1364
135.0	0.2361	0.1364
138.0	0.2414	0.1469
141.0	0.2467	0.1573
144.0	0.2518	0.1678
147.0	0.2518	0.1992
150.0	0.2518	0.2046
153.0	0.2518	0.2099
156.0	0.2518	0.2099
159.0	0.2518	0.2099
162.0	0.2518	0.2099
165.0	0.2518	0.2151
168.0	0.2518	0.2256
171.0	0.2518	0.2309
174.0	0.2518	0.2361
177.0	0.2518	0.2413
180.0	0.2518	0.2466

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

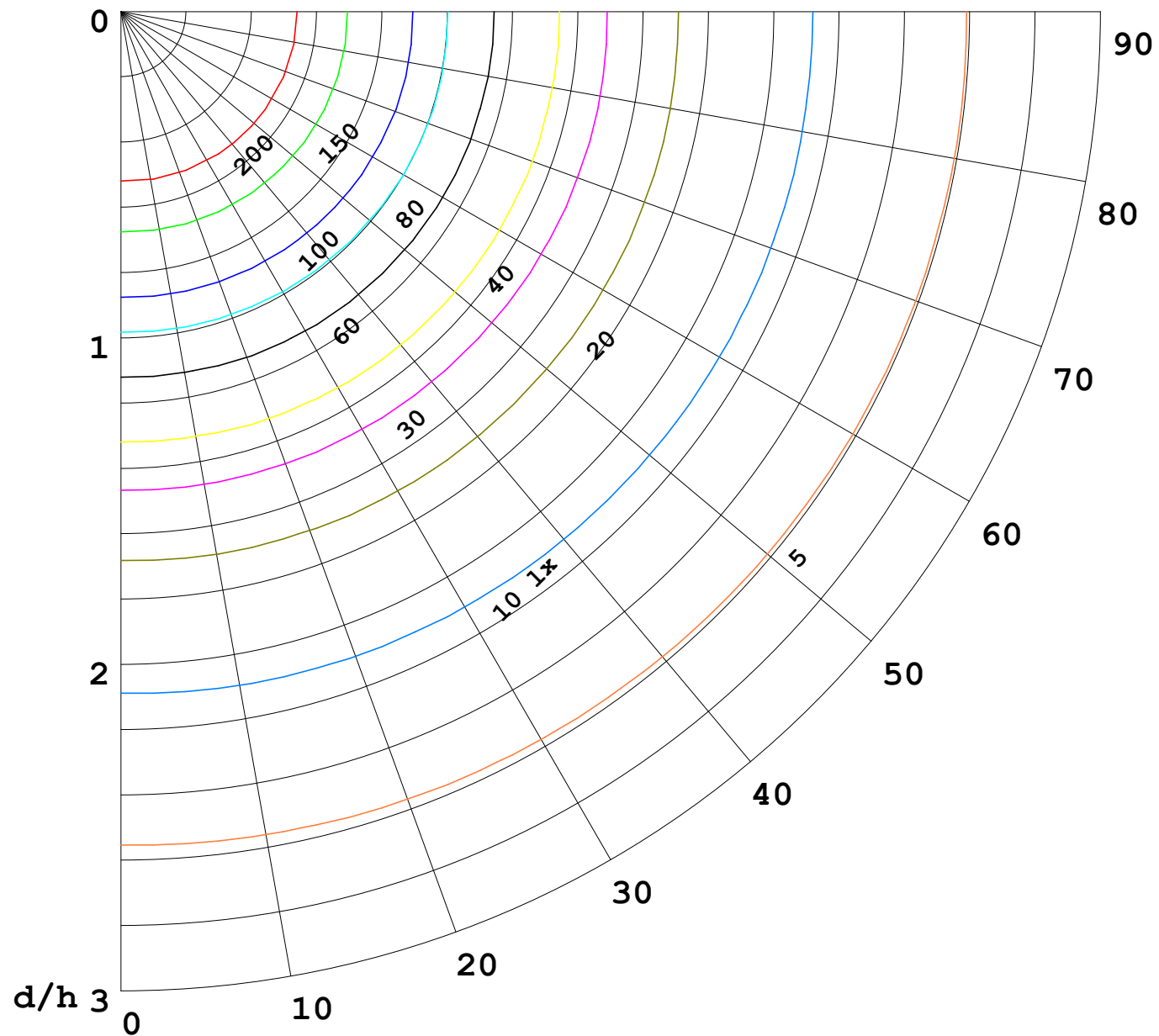
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.400m [K=1.0000]
Remarks:

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

