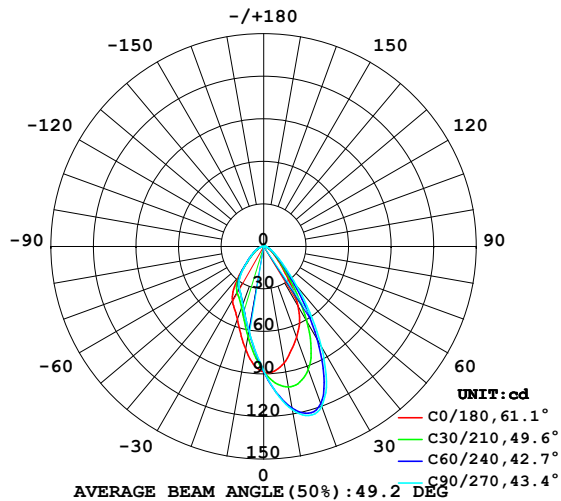


LUMINAIRE PHOTOMETRIC TEST REPORT

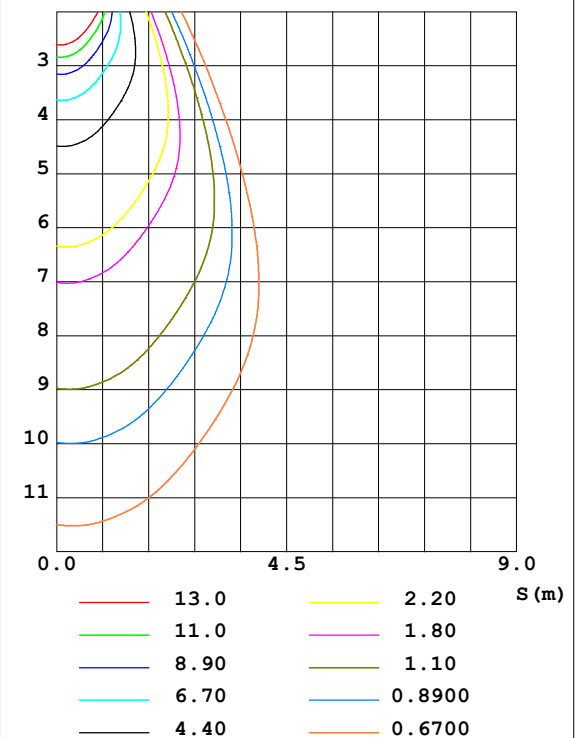
Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 17.79 lm/W
MODEL	3535	I _{max} (cd)	123.6	S/MH (C0/180)	0.94	
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.10	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	117.43	η UP, DN (C0-180)	1.4, 57.5	
NOMINAL FLUX (lm)	117.427	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 40.1	
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.75	
TEST VOLTAGE (V)	24	η down (%)	97.6	CIBSE SHR MAX	0.80	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



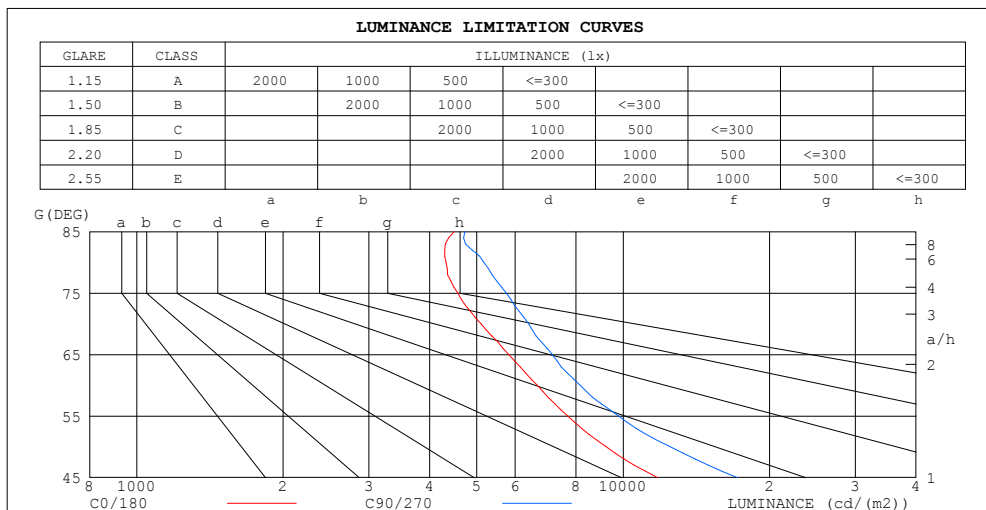
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	83.46	108.2	117.0	94.89	73.73	62.59	60.55	67.83	0- 10	8.189	8.189	6.97,6.97
20	67.98	105.0	119.9	82.12	54.68	44.52	43.52	50.40	10- 20	21.83	30.01	25.6,25.6
30	48.35	68.01	81.61	60.41	44.16	36.23	34.55	39.69	20- 30	28.35	58.36	49.7,49.7
40	22.70	28.73	36.00	28.99	27.07	25.74	24.63	23.96	30- 40	24.23	82.60	70.3,70.3
50	10.96	12.78	14.85	13.08	12.74	13.26	13.46	12.29	40- 50	14.51	97.10	82.7,82.7
60	6.155	6.793	7.540	7.232	7.097	7.427	7.637	6.869	50- 60	8.587	105.7	90,90
70	3.224	3.594	4.043	3.958	3.852	4.002	4.123	3.555	60- 70	5.273	111.0	94.5,94.5
80	1.389	1.521	1.662	1.767	1.662	1.603	1.519	1.321	70- 80	2.724	113.7	96.8,96.8
90	0.3670	0.3645	0.3669	0.4474	0.2955	0.2014	0.1057	0.1208	80- 90	0.8893	114.6	97.6,97.6
100	0.3418	0.3719	0.4021	0.3694	0.1458	0.1533	0.1356	0.1433	90-100	0.2722	114.8	97.8,97.8
110	0.3518	0.3895	0.4372	0.3845	0.2313	0.2538	0.2661	0.2388	100-110	0.3014	115.2	98.1,98.1
120	0.4070	0.4524	0.4775	0.4472	0.3469	0.3869	0.3768	0.3568	110-120	0.3562	115.5	98.4,98.4
130	0.5025	0.5026	0.5379	0.5126	0.4776	0.5102	0.5124	0.4875	120-130	0.4075	115.9	98.7,98.7
140	0.6231	0.5955	0.6283	0.6281	0.6081	0.6257	0.5980	0.5955	130-140	0.4307	116.3	99.1,99.1
150	0.7636	0.7086	0.7288	0.7237	0.6986	0.7087	0.6785	0.6784	140-150	0.4139	116.8	99.4,99.4
160	0.8394	0.8242	0.8444	0.8192	0.7791	0.7840	0.7738	0.7413	150-160	0.3474	117.1	99.7,99.7
170	0.8894	0.8945	0.9247	0.8694	0.8696	0.8745	0.8443	0.8142	160-170	0.2354	117.3	99.9,99.9
180	0.9046	0.9222	0.9448	0.8946	0.8745	0.9398	0.9348	0.8795	170-180	0.0844	117.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4498	4731
80	4323	5173
75	4570	5748
70	5095	6390
65	5822	7145
60	6654	8151
55	7687	9785
50	9217	12484
45	11766	17191

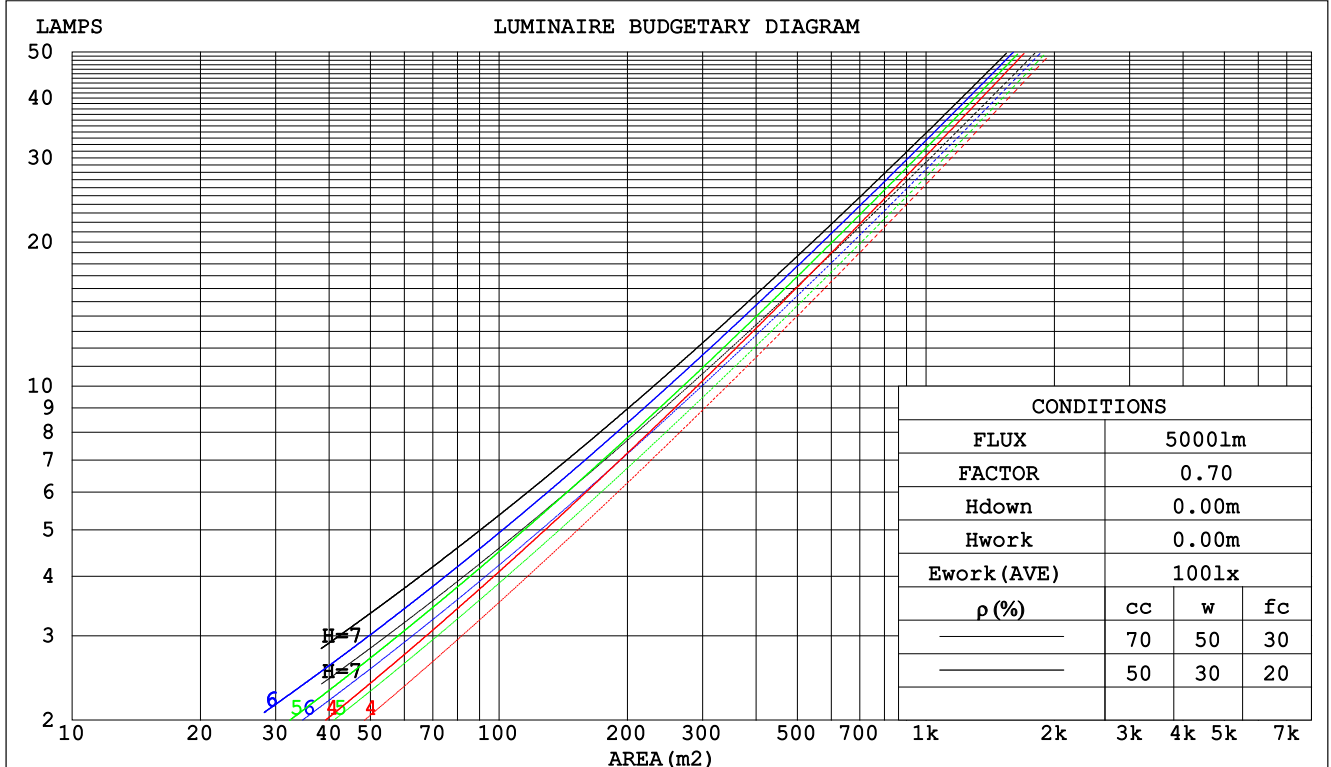
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	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	1.07	1.04	1.01	1.05	1.02	.99	1.00	.98	.96	.96	.94	.93	.92	.91	.89	.87
2.0	.97	.92	.88	.95	.91	.87	.92	.88	.84	.88	.85	.82	.85	.82	.80	.78
3.0	.89	.82	.77	.87	.81	.76	.84	.79	.75	.81	.77	.73	.78	.75	.72	.70
4.0	.81	.74	.69	.80	.73	.68	.77	.72	.67	.75	.70	.66	.72	.68	.65	.63
5.0	.74	.67	.62	.73	.67	.62	.71	.65	.61	.69	.64	.60	.67	.63	.59	.57
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.55	.62	.58	.54	.52
7.0	.64	.56	.51	.63	.56	.51	.61	.55	.51	.60	.54	.50	.58	.53	.50	.48
8.0	.59	.52	.47	.58	.52	.47	.57	.51	.47	.56	.50	.46	.54	.50	.46	.44
9.0	.55	.48	.44	.55	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41
10.0	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.40	.48	.43	.40	.38



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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

WEC AND CCEC

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm					
NAME: SFW20-24V-3535-24-RGB-60-B			TYPE: 硅胶		WEIGHT:
DIM.: 18.5MM*18.5MM			SPEC.:		SERIAL No.: 202403008
MFR.: OLYMPIA			SUR.: 1.0*0.0185		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	.231	.131	.042	.223	.127	.040	.209	.120	.038	.196	.113	.036	.184	.107	.034	
2.0	.220	.120	.037	.213	.117	.036	.201	.112	.035	.190	.106	.033	.179	.101	.032	
3.0	.207	.110	.033	.201	.108	.032	.190	.103	.031	.180	.099	.030	.171	.095	.029	
4.0	.194	.101	.030	.189	.099	.029	.180	.095	.029	.171	.092	.028	.163	.089	.027	
5.0	.183	.093	.027	.179	.092	.027	.170	.089	.026	.162	.086	.025	.155	.083	.025	
6.0	.172	.086	.025	.168	.085	.024	.161	.082	.024	.154	.080	.024	.147	.078	.023	
7.0	.163	.080	.023	.159	.079	.023	.153	.077	.022	.146	.075	.022	.140	.073	.021	
8.0	.154	.075	.021	.151	.074	.021	.145	.072	.021	.139	.070	.020	.134	.069	.020	
9.0	.146	.071	.020	.143	.070	.020	.138	.068	.019	.133	.066	.019	.128	.065	.019	
10.0	.139	.067	.018	.136	.066	.018	.131	.064	.018	.127	.063	.018	.122	.061	.018	

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.193	.175	.159	.166	.151	.137	.113	.104	.095	.065	.060	.055	.021	.019	.018	
2.0	.181	.151	.125	.155	.130	.108	.106	.090	.076	.061	.052	.044	.020	.017	.014	
3.0	.171	.133	.102	.147	.115	.088	.101	.080	.062	.058	.046	.037	.019	.015	.012	
4.0	.162	.119	.085	.139	.103	.074	.096	.071	.052	.055	.042	.031	.018	.014	.010	
5.0	.154	.108	.073	.133	.093	.064	.091	.065	.045	.053	.038	.027	.017	.012	.009	
6.0	.147	.099	.064	.127	.086	.056	.087	.060	.040	.051	.035	.023	.016	.012	.008	
7.0	.141	.092	.057	.121	.080	.050	.084	.056	.035	.049	.033	.021	.016	.011	.007	
8.0	.135	.086	.052	.116	.074	.045	.080	.052	.032	.047	.031	.019	.015	.010	.006	
9.0	.130	.081	.048	.112	.070	.042	.077	.049	.030	.045	.029	.018	.015	.010	.006	
10.0	.125	.076	.044	.108	.066	.039	.075	.047	.027	.044	.028	.016	.014	.009	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-30

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

Uncorrected UGR Table

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm											
NAME: SFW20-24V-3535-24-RGB-60-B						TYPE:硅胶		WEIGHT:			
DIM.: 18.5MM*18.5MM						SPEC.:		SERIAL No.:202403008			
MFR.: OLYMPIA						SUR.:1.0*0.0185		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	18.4	19.6	18.7	19.8	20.0	19.9	21.0	20.1	21.3	21.5	
	3H	18.9	20.0	19.3	20.3	20.5	20.4	21.4	20.7	21.7	22.0
	4H	19.2	20.2	19.5	20.5	20.7	20.6	21.6	20.9	21.9	22.2
	6H	19.4	20.3	19.7	20.6	20.9	20.8	21.7	21.1	22.0	22.3
	8H	19.4	20.3	19.8	20.6	21.0	20.8	21.7	21.2	22.0	22.4
	12H	19.5	20.3	19.8	20.7	21.0	20.8	21.7	21.2	22.0	22.4
4H	2H	18.6	19.6	19.0	19.9	20.2	19.9	20.9	20.2	21.2	21.5
	3H	19.4	20.2	19.7	20.6	20.9	20.6	21.5	21.0	21.8	22.1
	4H	19.7	20.5	20.1	20.8	21.2	20.9	21.7	21.3	22.1	22.4
	6H	20.0	20.7	20.4	21.1	21.5	21.2	21.9	21.6	22.3	22.7
	8H	20.1	20.8	20.5	21.2	21.6	21.3	22.0	21.7	22.4	22.8
	12H	20.2	20.8	20.7	21.2	21.7	21.4	22.0	21.8	22.4	22.8
8H	4H	19.8	20.5	20.3	20.9	21.3	21.0	21.6	21.4	22.0	22.4
	6H	20.2	20.8	20.7	21.2	21.7	21.4	21.9	21.8	22.3	22.8
	8H	20.4	20.9	20.9	21.4	21.9	21.5	22.0	22.0	22.5	23.0
	12H	20.6	21.0	21.1	21.5	22.0	21.7	22.1	22.2	22.6	23.1
12H	4H	19.8	20.4	20.3	20.8	21.3	20.9	21.5	21.4	22.0	22.4
	6H	20.3	20.7	20.8	21.2	21.7	21.4	21.8	21.9	22.3	22.8
	8H	20.5	20.9	21.0	21.4	21.9	21.6	22.0	22.1	22.5	23.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 1.1 / - 1.1					
1.5H	+ 1.0 / - 0.7					+ 2.0 / - 0.9					
2.0H	+ 1.0 / - 0.8					+ 1.8 / - 0.9					

CIE Pub.117 Corrected 117.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -7.4)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-30

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

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

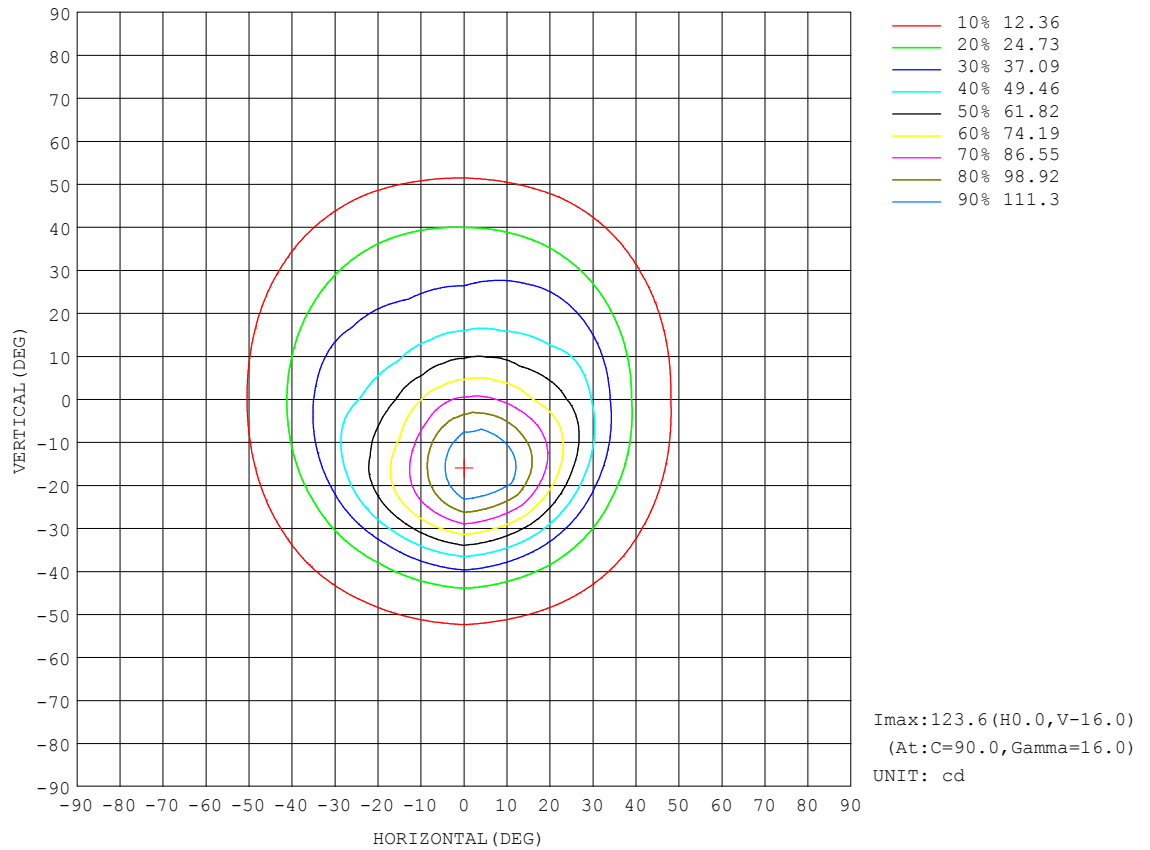
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	72	64	59	71	64	59	54
0.80	82	73	68	81	73	68	79	72	67	62
1.00	88	80	75	87	80	75	85	80	74	69
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	93	88	84	78
2.00	102	96	92	100	95	91	97	93	89	82
2.50	105	99	95	103	98	94	99	95	92	84
3.00	107	102	98	105	101	97	101	97	95	87
4.00	110	106	103	108	104	101	103	100	98	89
5.00	112	108	105	109	106	104	105	102	100	91
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-30

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

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

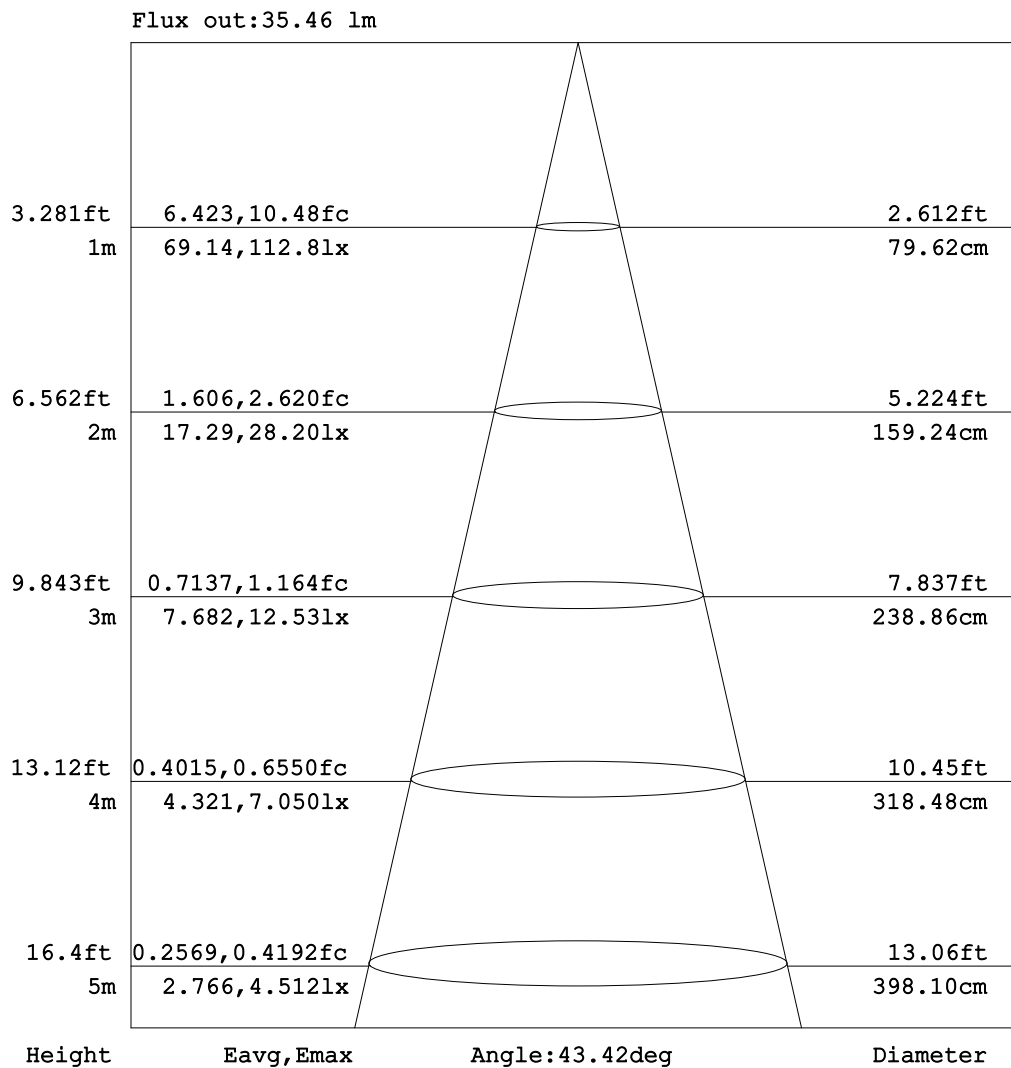


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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

AAI Figure

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:



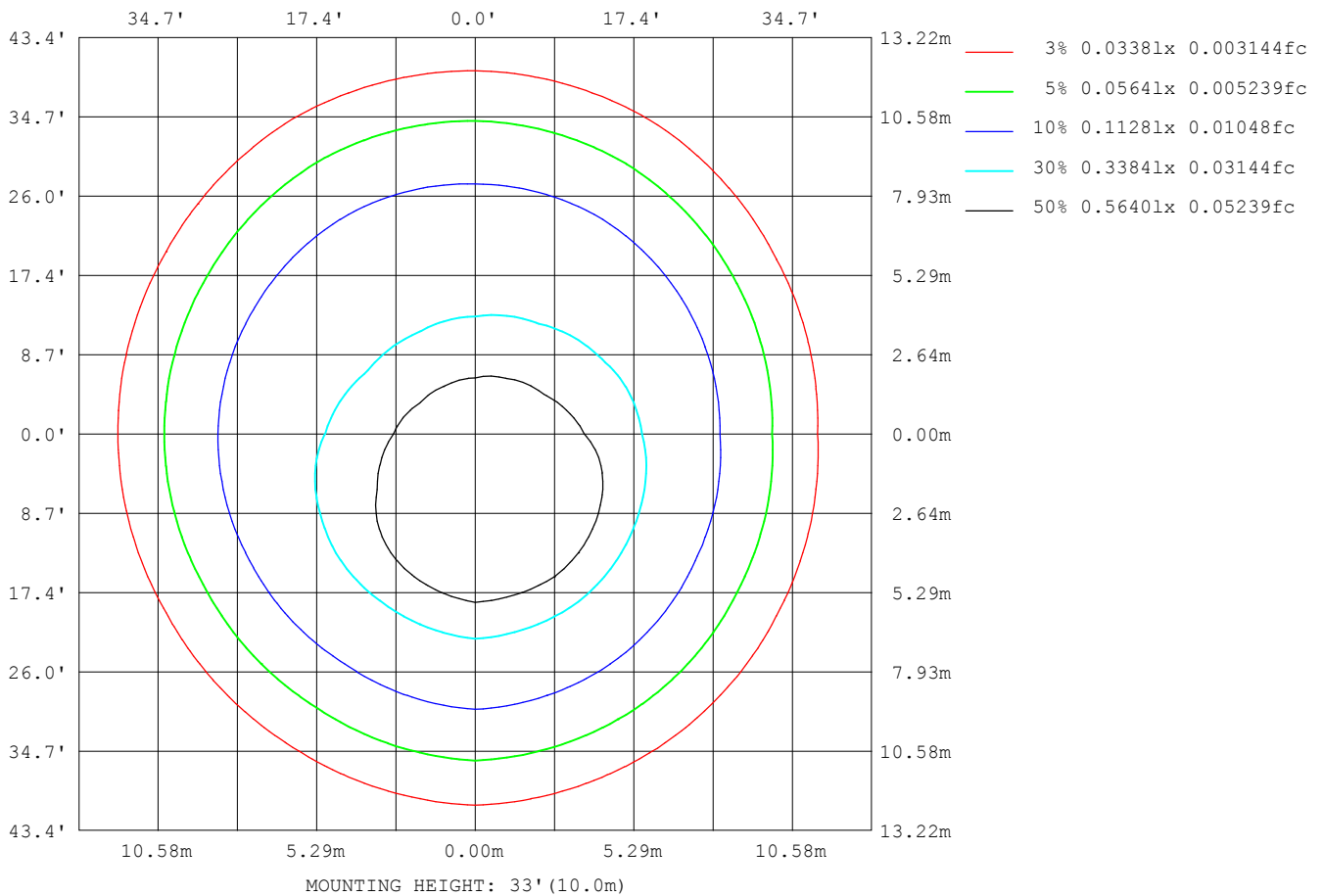
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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

ISOLUX DIAGRAM

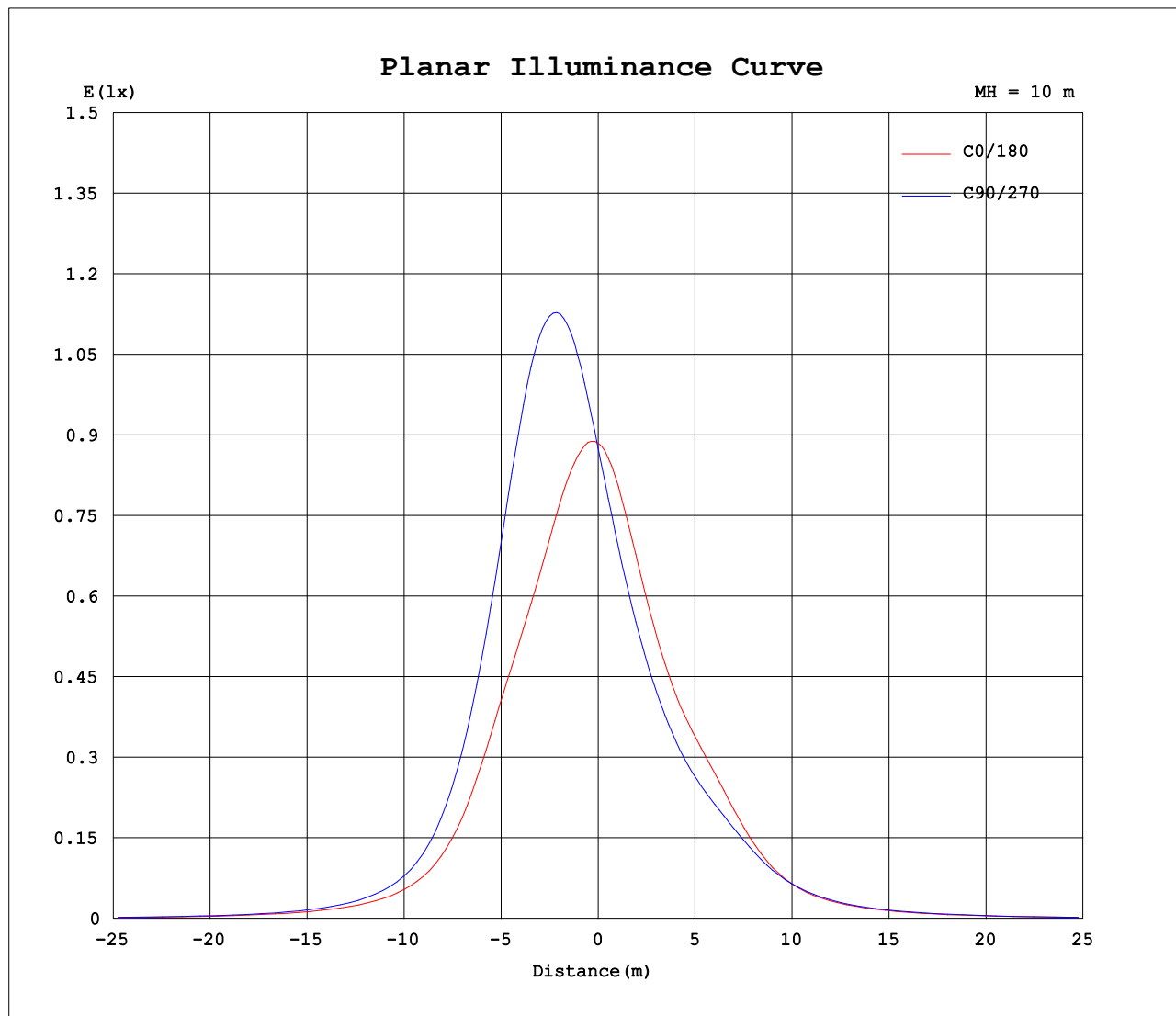
Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:117.427x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	88.5	88.2	88.2	87.7	88.0	87.8	88.5	88.2	88.2	87.7	88.0	87.8						
5	88.1	96.7	103	104	98.6	90.2	83.4	76.6	73.5	72.9	75.7	80.5						
10	83.5	101	116	117	104	86.1	73.7	64.4	60.8	60.5	64.3	71.4						
15	75.8	99.0	122	123	102	78.0	63.3	53.8	50.8	50.9	54.5	61.9						
20	68.0	92.2	118	120	94.5	69.8	54.7	45.9	43.2	43.5	46.9	53.9						
25	59.8	79.4	101	105	83.7	62.4	48.8	40.7	38.1	38.2	41.4	48.0						
30	48.4	60.5	75.5	81.6	67.2	53.7	44.2	37.6	34.9	34.5	37.3	42.1						
35	34.3	40.7	50.4	56.9	47.1	41.2	37.0	33.2	31.4	30.6	31.8	33.0						
40	22.7	25.9	31.6	36.0	30.2	27.7	27.1	25.9	25.6	24.6	24.5	23.4						
45	15.4	17.1	20.1	22.5	19.6	18.2	18.3	18.3	18.7	18.4	17.7	16.3						
50	11.0	12.0	13.6	14.8	13.5	12.7	12.7	12.9	13.6	13.5	12.9	11.6						
55	8.16	8.80	9.59	10.4	9.77	9.34	9.38	9.59	10.1	10.1	9.64	8.63						
60	6.16	6.55	7.04	7.54	7.34	7.13	7.10	7.28	7.58	7.64	7.27	6.47						
65	4.55	4.82	5.20	5.59	5.49	5.39	5.34	5.47	5.70	5.77	5.38	4.77						
70	3.22	3.43	3.76	4.04	3.99	3.92	3.85	3.92	4.09	4.12	3.79	3.32						
75	2.19	2.32	2.56	2.75	2.75	2.72	2.61	2.60	2.70	2.69	2.44	2.14						
80	1.39	1.45	1.59	1.66	1.75	1.79	1.66	1.62	1.59	1.52	1.39	1.26						
85	0.73	0.75	0.84	0.76	0.97	1.05	0.91	0.86	0.73	0.55	0.55	0.54						
90	0.37	0.35	0.38	0.37	0.43	0.47	0.30	0.27	0.14	0.11	0.12	0.13						
95	0.34	0.36	0.37	0.38	0.37	0.36	0.12	0.13	0.15	0.12	0.13	0.11						
100	0.34	0.38	0.37	0.40	0.37	0.37	0.15	0.13	0.18	0.14	0.17	0.12						
105	0.35	0.39	0.37	0.42	0.37	0.38	0.19	0.15	0.24	0.19	0.23	0.14						
110	0.35	0.41	0.37	0.44	0.37	0.40	0.23	0.21	0.30	0.27	0.28	0.20						
115	0.37	0.43	0.39	0.45	0.38	0.42	0.29	0.28	0.36	0.31	0.34	0.25						
120	0.41	0.46	0.44	0.48	0.43	0.46	0.35	0.35	0.43	0.38	0.41	0.31						
125	0.45	0.50	0.45	0.50	0.45	0.50	0.41	0.41	0.49	0.44	0.47	0.37						
130	0.50	0.53	0.47	0.54	0.48	0.54	0.48	0.47	0.55	0.51	0.53	0.44						
135	0.56	0.58	0.52	0.57	0.52	0.60	0.54	0.53	0.61	0.55	0.59	0.51						
140	0.62	0.63	0.56	0.63	0.60	0.66	0.61	0.59	0.66	0.60	0.64	0.55						
145	0.69	0.69	0.61	0.67	0.63	0.71	0.66	0.63	0.70	0.64	0.68	0.60						
150	0.76	0.74	0.67	0.73	0.68	0.76	0.70	0.67	0.74	0.68	0.71	0.64						
155	0.79	0.80	0.74	0.79	0.76	0.82	0.74	0.71	0.78	0.70	0.74	0.68						
160	0.84	0.86	0.79	0.84	0.79	0.85	0.78	0.75	0.81	0.77	0.77	0.71						
165	0.86	0.91	0.84	0.89	0.84	0.88	0.82	0.78	0.85	0.79	0.81	0.76						
170	0.89	0.92	0.87	0.92	0.86	0.88	0.87	0.85	0.90	0.84	0.86	0.77						
175	0.90	0.92	0.90	0.94	0.88	0.88	0.87	0.86	0.93	0.87	0.90	0.81						
180	0.90	0.92	0.92	0.94	0.91	0.88	0.87	0.93	0.94	0.93	0.91	0.84						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	88.53	88.16	88.22	87.71	87.96	87.78	88.53	88.16	88.22	87.71
3.0	89.00	93.71	97.41	97.19	94.77	90.03	86.10	81.48	79.30	78.55
6.0	87.49	97.78	106.1	106.6	100.1	89.95	81.73	74.13	70.80	70.25
9.0	84.72	100.2	113.6	114.8	103.3	87.40	75.81	66.84	63.18	62.92
12.0	80.53	100.6	119.0	120.5	103.7	83.13	69.47	59.82	56.52	56.39
15.0	75.78	98.96	121.8	123.4	101.6	78.03	63.34	53.75	50.78	50.89
18.0	71.05	95.61	121.0	122.8	97.75	73.02	57.80	48.72	45.89	46.26
21.0	66.47	90.11	115.5	117.6	92.70	68.31	53.25	44.66	41.99	42.36
24.0	61.57	82.63	105.1	108.7	86.26	63.97	49.80	41.62	38.94	39.10
27.0	55.83	72.66	91.18	95.62	77.86	59.44	47.03	39.42	36.68	36.61
30.0	48.35	60.53	75.49	81.61	67.16	53.65	44.16	37.56	34.89	34.55
33.0	39.94	48.62	59.92	66.57	55.14	46.87	40.38	35.24	32.96	32.40
36.0	31.62	37.29	46.05	52.10	43.28	38.31	35.06	31.89	30.41	29.55
39.0	24.69	28.42	34.71	39.72	33.14	30.36	29.04	27.53	26.96	25.91
42.0	19.26	21.86	26.24	29.77	25.26	23.55	23.20	22.67	22.74	21.98
45.0	15.39	17.07	20.11	22.49	19.57	18.24	18.28	18.31	18.74	18.38
48.0	12.44	13.73	15.76	17.43	15.53	14.56	14.60	14.65	15.43	15.22
51.0	10.31	11.25	12.58	13.71	12.54	11.89	11.93	12.07	12.78	12.66
54.0	8.645	9.329	10.25	11.09	10.38	9.906	9.935	10.11	10.67	10.69
57.0	7.292	7.771	8.459	9.082	8.705	8.389	8.383	8.548	8.975	9.025
60.0	6.155	6.550	7.035	7.540	7.337	7.128	7.097	7.275	7.579	7.637
63.0	5.160	5.455	5.884	6.269	6.186	6.013	6.006	6.125	6.403	6.502
66.0	4.260	4.516	4.889	5.249	5.165	5.073	5.017	5.119	5.359	5.431
69.0	3.470	3.697	4.023	4.315	4.275	4.189	4.123	4.224	4.384	4.435
72.0	2.777	2.938	3.250	3.495	3.486	3.400	3.319	3.360	3.495	3.521
75.0	2.188	2.315	2.561	2.752	2.752	2.722	2.606	2.601	2.696	2.686
78.0	1.675	1.758	1.947	2.069	2.118	2.134	2.018	1.997	1.998	1.947
81.0	1.243	1.295	1.429	1.466	1.590	1.627	1.506	1.464	1.400	1.308
84.0	0.8459	0.8833	0.9718	0.9083	1.102	1.185	1.049	1.007	0.8876	0.7254
87.0	0.5088	0.5220	0.5894	0.5319	0.7052	0.7982	0.6521	0.5991	0.4410	0.2775
90.0	0.3670	0.3518	0.3773	0.3669	0.4280	0.4668	0.2955	0.2672	0.1356	0.1057
93.0	0.3418	0.3618	0.3669	0.3770	0.3669	0.3568	0.1156	0.1309	0.1308	0.1005
96.0	0.3418	0.3668	0.3669	0.3921	0.3669	0.3569	0.1207	0.1207	0.1508	0.1206
99.0	0.3418	0.3670	0.3669	0.4070	0.3669	0.3619	0.1358	0.1256	0.1760	0.1256
102.0	0.3418	0.3820	0.3669	0.4171	0.3669	0.3769	0.1609	0.1306	0.2012	0.1557
105.0	0.3467	0.3920	0.3669	0.4172	0.3669	0.3820	0.1861	0.1507	0.2413	0.1909
108.0	0.3518	0.4021	0.3669	0.4323	0.3669	0.3920	0.2112	0.1959	0.2765	0.2260
111.0	0.3518	0.4122	0.3719	0.4373	0.3669	0.4071	0.2463	0.2210	0.3117	0.2763
114.0	0.3618	0.4272	0.3920	0.4523	0.3820	0.4222	0.2716	0.2812	0.3420	0.3014
117.0	0.3869	0.4373	0.4119	0.4674	0.3969	0.4373	0.3117	0.3014	0.3822	0.3465
120.0	0.4070	0.4624	0.4423	0.4775	0.4320	0.4624	0.3469	0.3465	0.4273	0.3768
123.0	0.4322	0.4775	0.4473	0.4976	0.4372	0.4826	0.3821	0.3768	0.4725	0.4320
126.0	0.4573	0.5026	0.4572	0.5127	0.4473	0.5077	0.4223	0.4320	0.5078	0.4522
129.0	0.4974	0.5278	0.4724	0.5328	0.4723	0.5328	0.4626	0.4622	0.5379	0.4874
132.0	0.5276	0.5479	0.4923	0.5529	0.5025	0.5730	0.5027	0.4974	0.5780	0.5226
135.0	0.5627	0.5831	0.5175	0.5730	0.5227	0.5981	0.5429	0.5326	0.6082	0.5527
138.0	0.5930	0.6133	0.5427	0.6032	0.5527	0.6383	0.5731	0.5628	0.6433	0.5930
141.0	0.6381	0.6434	0.5927	0.6334	0.5981	0.6636	0.6084	0.5930	0.6635	0.6080
144.0	0.6734	0.6786	0.6080	0.6685	0.6280	0.7037	0.6484	0.6131	0.6986	0.6331
147.0	0.6985	0.7188	0.6331	0.6987	0.6681	0.7339	0.6785	0.6632	0.7188	0.6632
150.0	0.7636	0.7439	0.6733	0.7288	0.6834	0.7640	0.6986	0.6735	0.7439	0.6785
153.0	0.7738	0.7891	0.7035	0.7640	0.7235	0.7991	0.7289	0.6936	0.7591	0.6935
156.0	0.7890	0.8143	0.7488	0.7991	0.7639	0.8243	0.7440	0.7137	0.7841	0.7086
159.0	0.8441	0.8544	0.7788	0.8294	0.7789	0.8444	0.7740	0.7438	0.8092	0.7537
162.0	0.8393	0.8796	0.8189	0.8645	0.8139	0.8645	0.7992	0.7588	0.8244	0.7689
165.0	0.8593	0.9097	0.8443	0.8946	0.8393	0.8795	0.8243	0.7839	0.8544	0.7889
168.0	0.8694	0.9197	0.8593	0.9097	0.8492	0.8795	0.8545	0.8440	0.8846	0.8240
171.0	0.8945	0.9197	0.8744	0.9248	0.8693	0.8795	0.8794	0.8493	0.9047	0.8443
174.0	0.9046	0.9197	0.8995	0.9448	0.8744	0.8795	0.8745	0.8543	0.9249	0.8644
177.0	0.9046	0.9197	0.9198	0.9448	0.8845	0.8795	0.8745	0.8744	0.9448	0.9044
180.0	0.9046	0.9197	0.9247	0.9448	0.9097	0.8795	0.8745	0.9348	0.9448	0.9348
G/C	300.0	330.0								
0.0	87.96	87.78								
3.0	80.60	83.79								
6.0	73.36	78.80								
9.0	66.47	73.37								
12.0	60.24	67.61								
15.0	54.55	61.90								
18.0	49.67	56.86								
21.0	45.67	52.59								
24.0	42.32	49.10								
27.0	39.71	45.90								
30.0	37.28	42.10								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-03-30

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

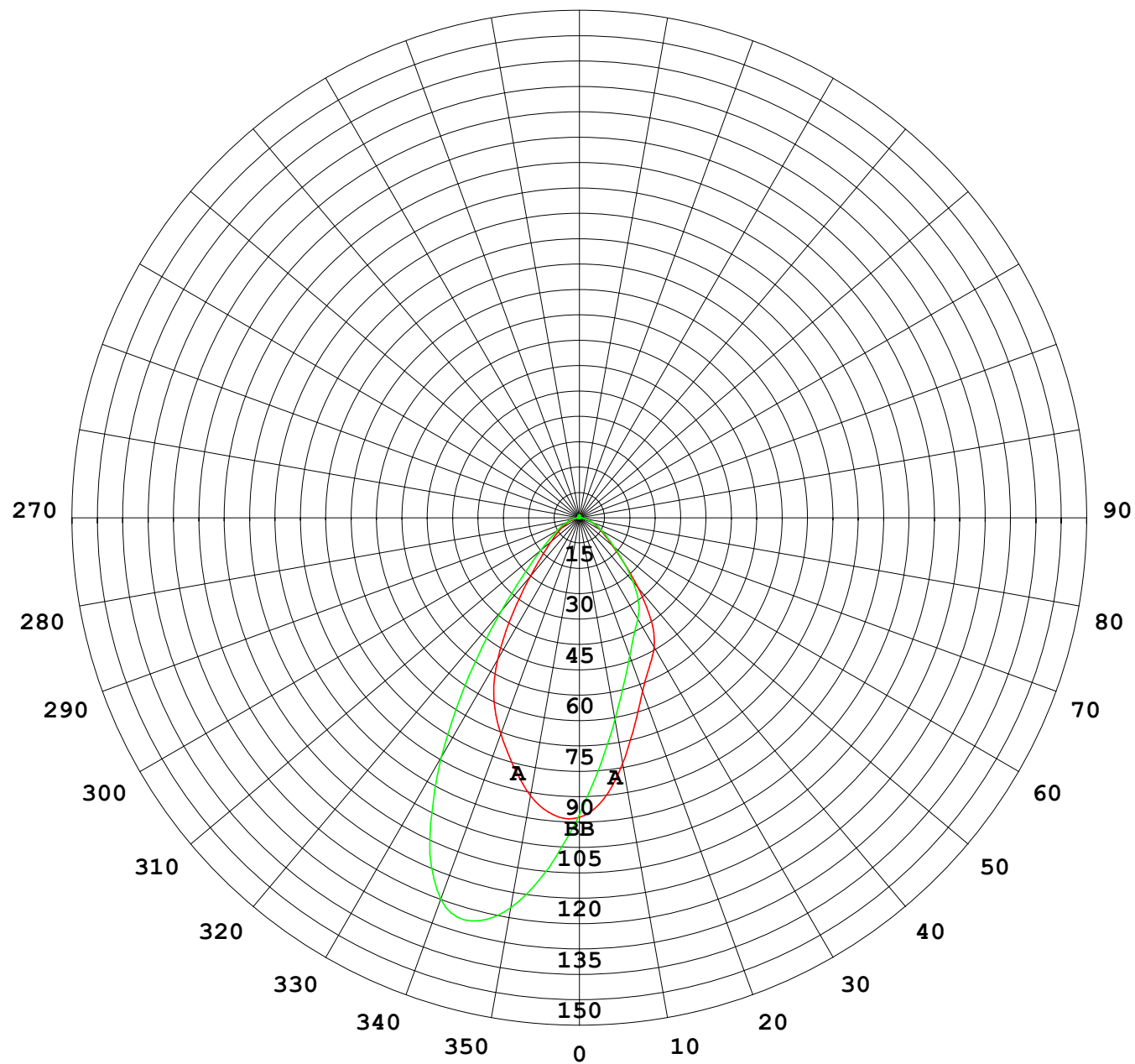
Photometric Data Table [cd]

33.0	34.23	36.95
36.0	30.40	31.06
39.0	26.00	25.21
42.0	21.60	20.12
45.0	17.65	16.31
48.0	14.61	13.19
51.0	12.18	10.95
54.0	10.21	9.172
57.0	8.589	7.703
60.0	7.267	6.471
63.0	6.082	5.411
66.0	5.037	4.461
69.0	4.088	3.581
72.0	3.203	2.822
75.0	2.435	2.143
78.0	1.767	1.590
81.0	1.199	1.102
84.0	0.7018	0.6698
87.0	0.2954	0.3125
90.0	0.1156	0.1259
93.0	0.1207	0.1055
96.0	0.1359	0.1055
99.0	0.1659	0.1055
102.0	0.1911	0.1106
105.0	0.2263	0.1406
108.0	0.2564	0.1857
111.0	0.2966	0.1960
114.0	0.3318	0.2361
117.0	0.3671	0.2814
120.0	0.4072	0.3065
123.0	0.4425	0.3467
126.0	0.4826	0.3819
129.0	0.5228	0.4322
132.0	0.5530	0.4573
135.0	0.5881	0.5125
138.0	0.6182	0.5277
141.0	0.6434	0.5578
144.0	0.6685	0.5930
147.0	0.6936	0.6131
150.0	0.7137	0.6432
153.0	0.7338	0.6783
156.0	0.7489	0.6835
159.0	0.7690	0.6935
162.0	0.7841	0.7137
165.0	0.8092	0.7587
168.0	0.8394	0.7589
171.0	0.8695	0.7789
174.0	0.8946	0.8040
177.0	0.9147	0.8392
180.0	0.9147	0.8443

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

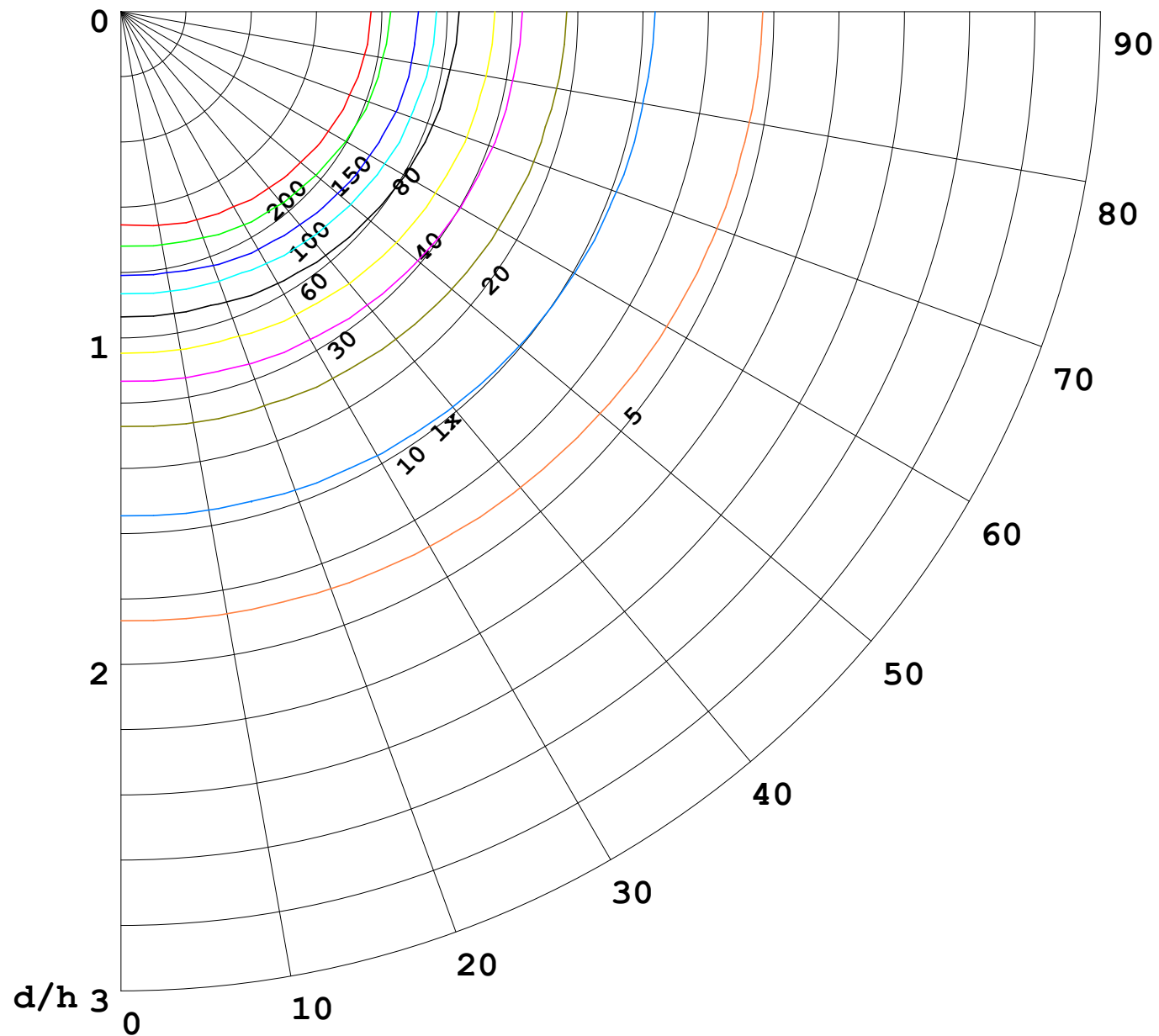
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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

