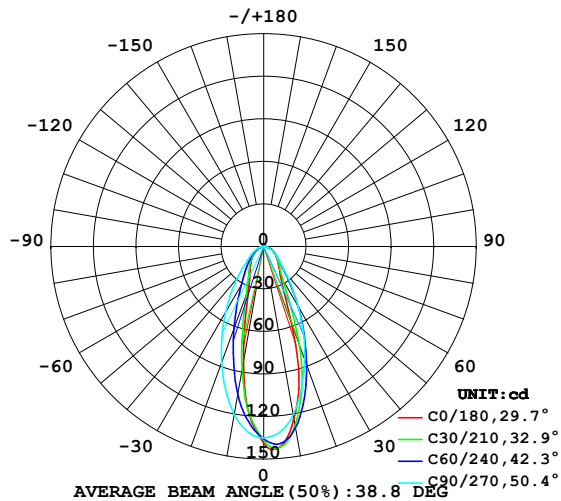


## LUMINAIRE PHOTOMETRIC TEST REPORT

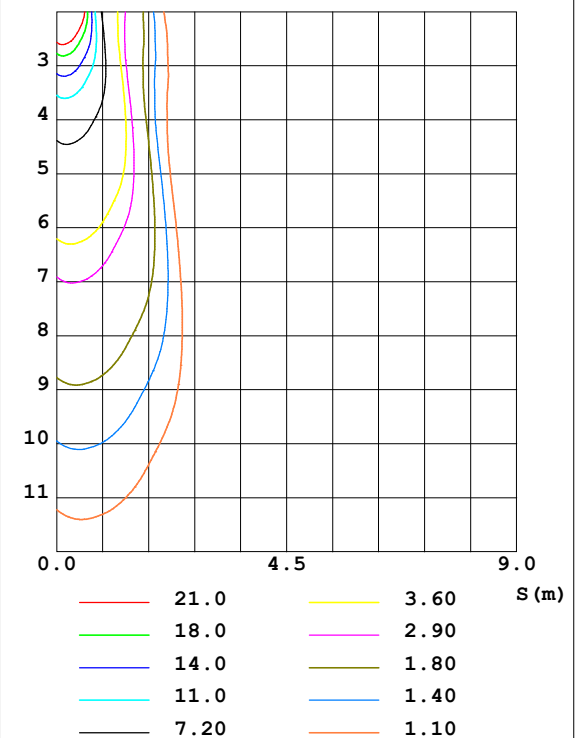
Test:U:24.00V I:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403007
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 16.75 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	143.4	S/MH (C0/180)	0.58
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.76
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	106.51	η UP, DN (C0-180)	1.4, 48.8
NOMINAL FLUX (lm)	106.507	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.0, 48.7
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	24	η down (%)	97.5	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



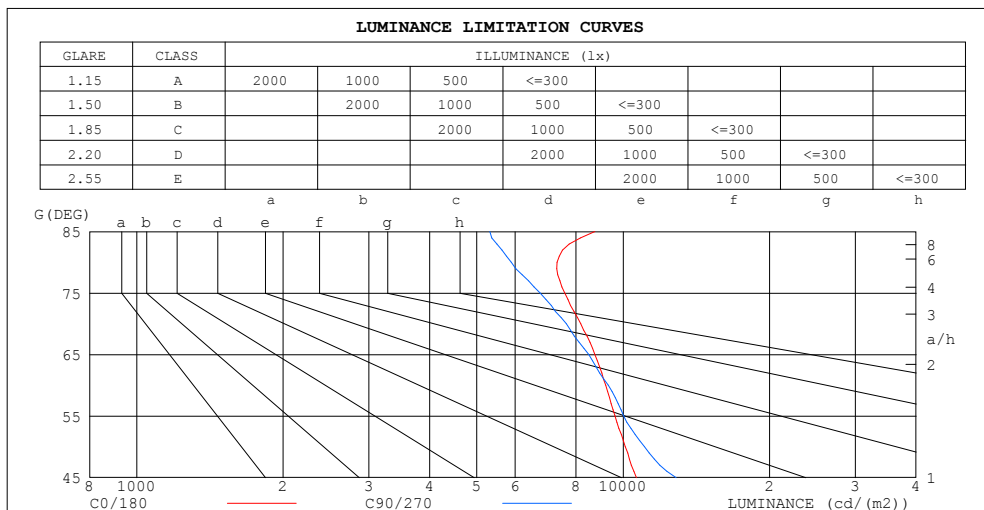
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	123.2	129.0	120.3	93.68	82.97	96.81	120.2	129.3	0- 10	11.87	11.87	11.1,11.1
20	57.60	80.99	84.79	43.38	31.24	48.73	86.95	83.28	10- 20	24.22	36.09	33.9,33.9
30	23.71	37.87	48.77	22.65	19.20	26.56	54.02	40.64	20- 30	21.29	57.39	53.9,53.9
40	16.33	19.78	23.60	14.93	14.06	16.62	28.97	21.95	30- 40	15.82	73.21	68.7,68.7
50	12.02	12.60	13.14	10.72	10.10	10.95	14.53	13.40	40- 50	11.68	84.89	79.7,79.7
60	8.522	8.559	8.620	6.976	6.303	6.892	8.874	8.899	50- 60	8.857	93.75	88,88
70	5.175	5.187	4.837	3.606	2.987	3.427	4.772	5.158	60- 70	6.022	99.77	93.7,93.7
80	2.349	2.307	1.893	1.350	1.009	1.100	1.681	2.123	70- 80	3.121	102.9	96.6,96.6
90	0.7049	0.5906	0.3468	0.3594	0.1407	0.1382	0.1007	0.3493	80- 90	0.9807	103.9	97.5,97.5
100	0.3317	0.3468	0.3669	0.3518	0.1659	0.1609	0.1306	0.1257	90-100	0.2824	104.2	97.8,97.8
110	0.3317	0.3543	0.3971	0.3669	0.2313	0.2212	0.1910	0.1684	100-110	0.2769	104.4	98.1,98.1
120	0.3317	0.3769	0.4624	0.4345	0.3419	0.3242	0.2914	0.2588	110-120	0.3093	104.7	98.3,98.3
130	0.3818	0.4573	0.5530	0.5353	0.4877	0.4549	0.3919	0.3794	120-130	0.3588	105.1	98.7,98.7
140	0.5176	0.5704	0.6484	0.6634	0.6133	0.5555	0.5124	0.4951	130-140	0.3973	105.5	99.1,99.1
150	0.6784	0.6960	0.7388	0.7764	0.6836	0.6559	0.5980	0.6106	140-150	0.3936	105.9	99.4,99.4
160	0.7890	0.7689	0.7891	0.8117	0.7338	0.7086	0.6533	0.6659	150-160	0.3298	106.2	99.7,99.7
170	0.8544	0.7840	0.8142	0.7890	0.7439	0.7513	0.7086	0.7137	160-170	0.2141	106.4	99.9,99.9
180	0.8041	0.8091	0.8142	0.7815	0.7790	0.7941	0.7890	0.7790	170-180	0.0739	106.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8740	5319
80	7313	5892
75	7586	6745
70	8179	7644
65	8741	8500
60	9213	9319
55	9623	10024
50	10105	11052
45	10642	12841

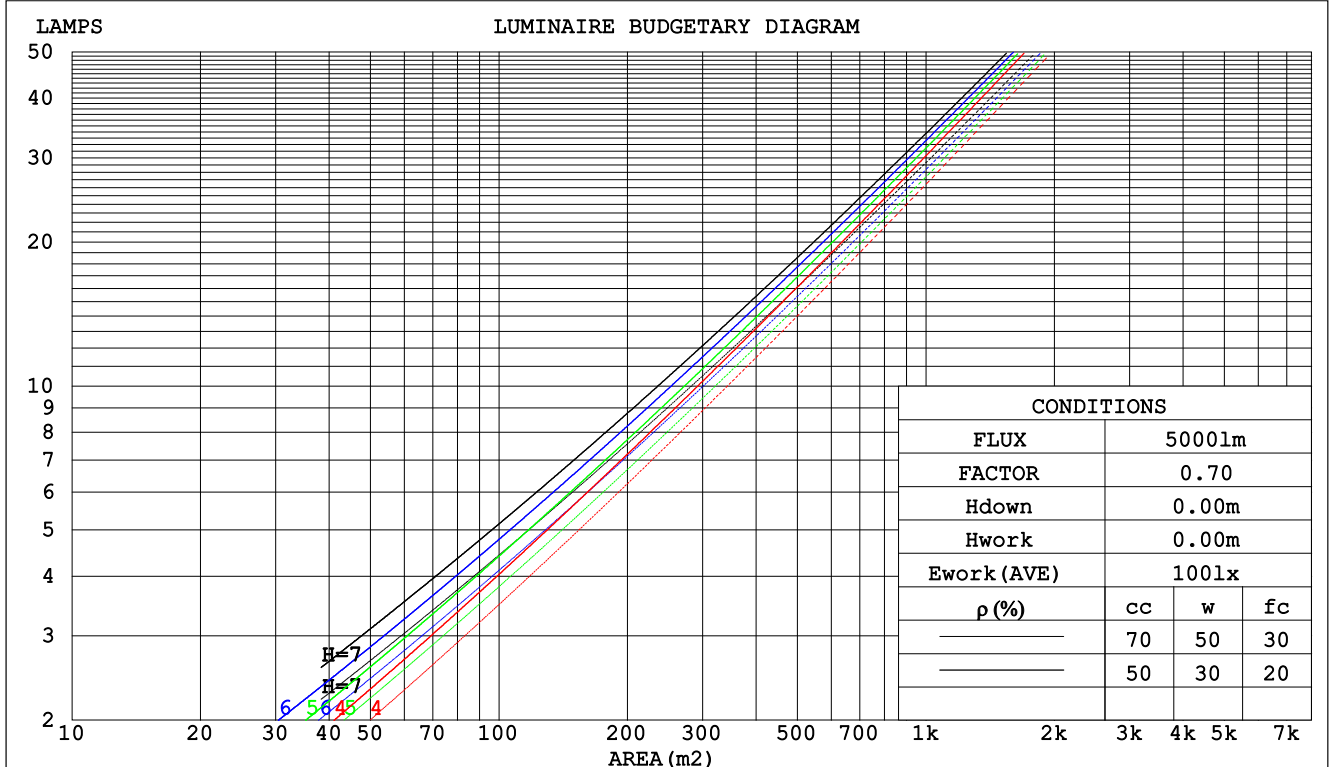
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
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	.92	.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	.83	.78	.87	.82	.77	.84	.79	.75	.81	.77	.74	.79	.75	.72	.70
4.0	.82	.75	.70	.80	.74	.69	.78	.72	.68	.75	.71	.67	.73	.69	.66	.64
5.0	.76	.69	.63	.74	.68	.63	.72	.66	.62	.70	.65	.61	.68	.64	.60	.59
6.0	.70	.63	.58	.69	.63	.58	.67	.61	.57	.66	.60	.56	.64	.59	.56	.54
7.0	.65	.59	.54	.65	.58	.53	.63	.57	.53	.62	.56	.52	.60	.55	.52	.50
8.0	.61	.55	.50	.61	.54	.50	.59	.53	.49	.58	.53	.49	.57	.52	.49	.47
9.0	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.55	.48	.44	.54	.48	.44	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm					
NAME: SFW20-24V-3535-24-RGB-2040-B			TYPE: 硅胶		WEIGHT:
DIM.: 18.5MM*18.5MM			SPEC.:		SERIAL No.:202403007
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	.232	.132	.042	.224	.128	.041	.210	.121	.038	.197	.114	.036	.185	.107	.035	
2.0	.219	.120	.037	.212	.117	.036	.200	.111	.035	.189	.106	.033	.178	.101	.032	
3.0	.205	.109	.033	.199	.107	.032	.188	.102	.031	.178	.098	.030	.169	.094	.029	
4.0	.191	.099	.029	.186	.097	.029	.177	.094	.028	.168	.090	.027	.160	.087	.026	
5.0	.179	.091	.026	.174	.089	.026	.166	.086	.025	.158	.083	.025	.151	.081	.024	
6.0	.168	.084	.024	.164	.083	.024	.156	.080	.023	.149	.078	.023	.143	.075	.022	
7.0	.158	.078	.022	.154	.077	.022	.147	.075	.021	.141	.072	.021	.135	.070	.021	
8.0	.149	.073	.020	.145	.072	.020	.139	.070	.020	.134	.068	.020	.129	.066	.019	
9.0	.141	.068	.019	.138	.067	.019	.132	.065	.019	.127	.064	.018	.122	.062	.018	
10.0	.133	.064	.018	.131	.063	.018	.126	.062	.017	.121	.060	.017	.117	.059	.017	

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	.194	.176	.160	.166	.151	.137	.114	.104	.095	.065	.060	.055	.021	.019	.018	
2.0	.182	.151	.126	.156	.130	.109	.107	.090	.076	.061	.052	.045	.020	.017	.015	
3.0	.171	.133	.103	.147	.115	.089	.101	.080	.063	.058	.047	.037	.019	.015	.012	
4.0	.162	.119	.086	.139	.103	.075	.096	.072	.053	.055	.042	.031	.018	.014	.010	
5.0	.154	.108	.074	.132	.093	.065	.091	.065	.046	.053	.038	.027	.017	.012	.009	
6.0	.146	.099	.065	.126	.086	.057	.087	.060	.040	.050	.035	.024	.016	.012	.008	
7.0	.139	.092	.058	.120	.079	.051	.083	.056	.036	.048	.033	.021	.016	.011	.007	
8.0	.133	.086	.053	.115	.074	.046	.079	.052	.033	.046	.031	.020	.015	.010	.006	
9.0	.128	.081	.049	.110	.070	.043	.076	.049	.030	.044	.029	.018	.014	.010	.006	
10.0	.122	.076	.045	.106	.066	.040	.073	.047	.028	.043	.028	.017	.014	.009	.006	

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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm												
NAME: SFW20-24V-3535-24-RGB-2040-B					TYPE:硅胶			WEIGHT:				
DIM.: 18.5MM*18.5MM					SPEC.:			SERIAL No.:202403007				
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		18.8	19.9	19.0	20.1	20.3	19.4	20.6	19.7	20.8	21.0	
		3H	20.1	21.2	20.4	21.4	21.7	20.5	21.5	20.8	21.8	22.0
		4H	20.7	21.7	21.0	22.0	22.2	20.9	21.9	21.2	22.2	22.4
		6H	21.1	22.1	21.5	22.4	22.7	21.2	22.1	21.5	22.4	22.7
		8H	21.3	22.2	21.7	22.5	22.8	21.3	22.2	21.6	22.5	22.8
12H		21.5	22.3	21.8	22.7	23.0	21.3	22.2	21.7	22.5	22.8	
4H		2H	19.3	20.3	19.6	20.6	20.9	19.8	20.8	20.2	21.1	21.4
		3H	20.9	21.8	21.3	22.1	22.4	21.1	22.0	21.5	22.3	22.6
		4H	21.6	22.4	22.0	22.7	23.1	21.7	22.5	22.1	22.8	23.2
		6H	22.1	22.8	22.6	23.2	23.6	22.1	22.8	22.5	23.2	23.6
		8H	22.4	23.0	22.8	23.4	23.9	22.2	22.9	22.7	23.3	23.7
12H		22.6	23.2	23.1	23.6	24.1	22.3	22.9	22.8	23.3	23.8	
8H		4H	21.8	22.5	22.2	22.9	23.3	21.9	22.5	22.3	22.9	23.4
		6H	22.5	23.1	23.0	23.5	24.0	22.5	23.0	22.9	23.4	23.9
		8H	22.9	23.4	23.4	23.8	24.3	22.7	23.2	23.2	23.6	24.1
		12H	23.2	23.6	23.7	24.1	24.7	22.9	23.3	23.4	23.8	24.3
12H		4H	21.8	22.4	22.3	22.8	23.3	21.9	22.5	22.4	22.9	23.4
		6H	22.6	23.1	23.1	23.5	24.0	22.5	23.0	23.0	23.5	23.9
		8H	23.0	23.4	23.5	23.9	24.4	22.8	23.2	23.3	23.7	24.2
Variations with the observer position at spacings:												
S = 1.0H		+ 0.2 / - 0.2					+ 0.3 / - 0.4					
1.5H		+ 0.1 / - 0.2					+ 0.4 / - 0.3					
2.0H		+ 0.2 / - 0.2					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 106.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -7.8)

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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

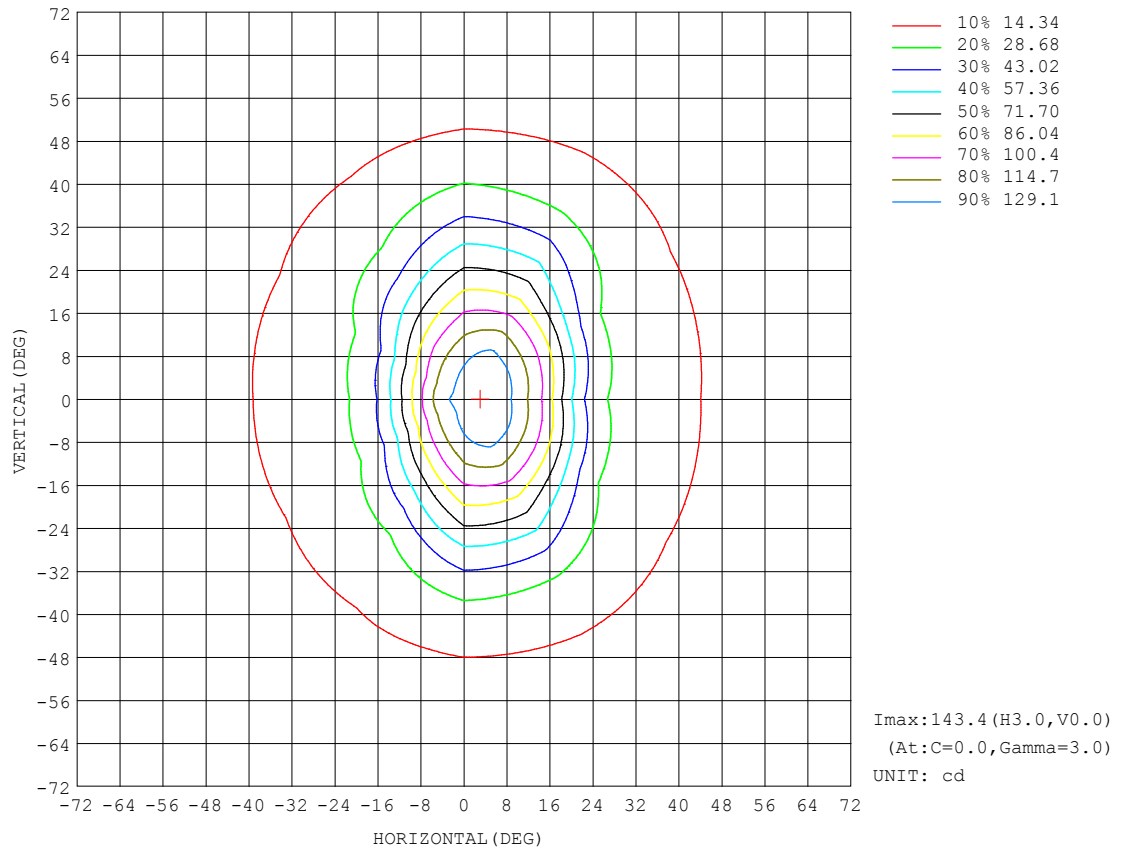
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	58	70	62	58	53
0.80	81	72	67	80	72	67	78	71	66	61
1.00	87	79	74	86	79	73	84	79	73	67
1.25	93	85	80	92	84	79	89	83	78	72
1.50	97	89	84	95	89	84	92	87	83	76
2.00	101	95	90	100	94	89	96	91	88	81
2.50	104	98	94	102	97	93	98	94	91	83
3.00	107	101	97	104	100	96	100	97	94	86
4.00	110	105	102	107	103	100	103	100	97	89
5.00	111	108	105	109	106	103	104	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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

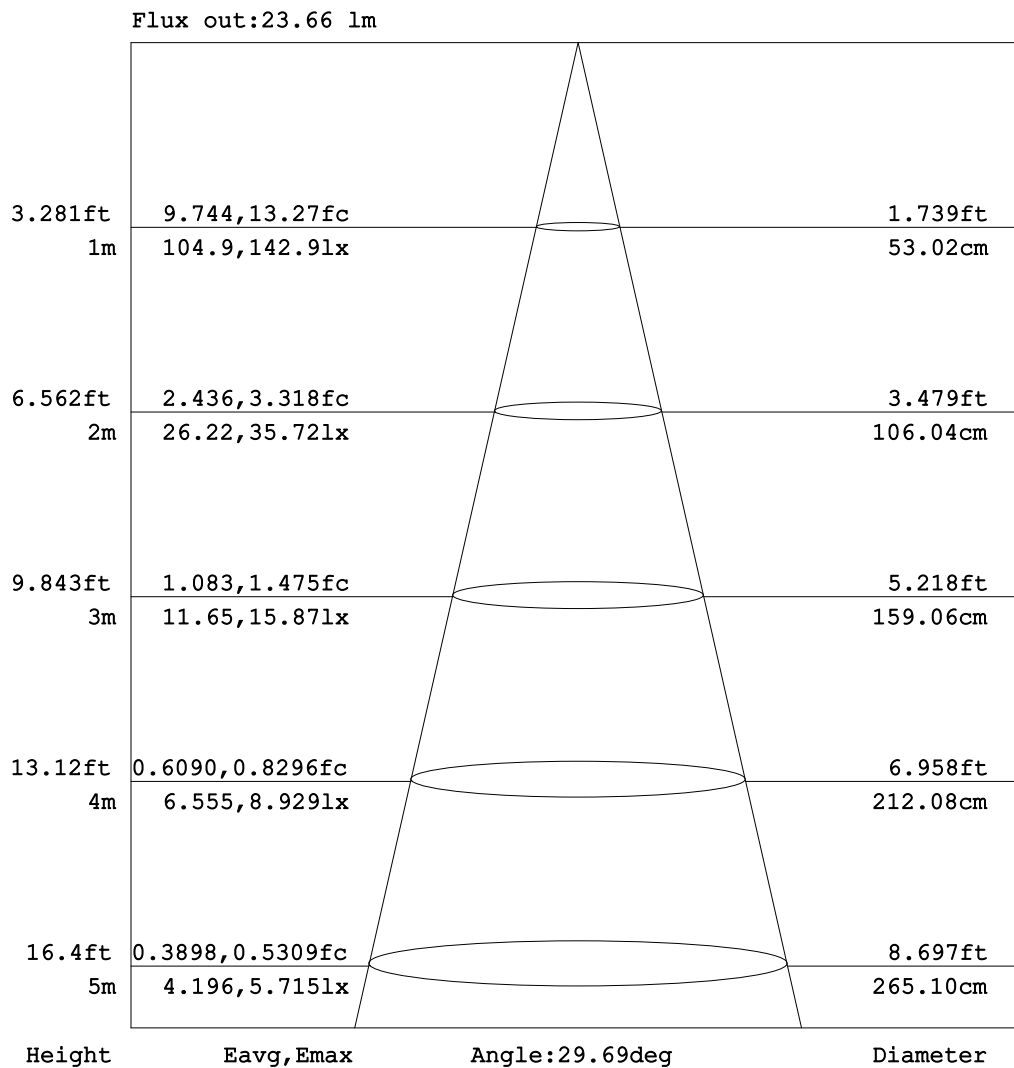


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
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.

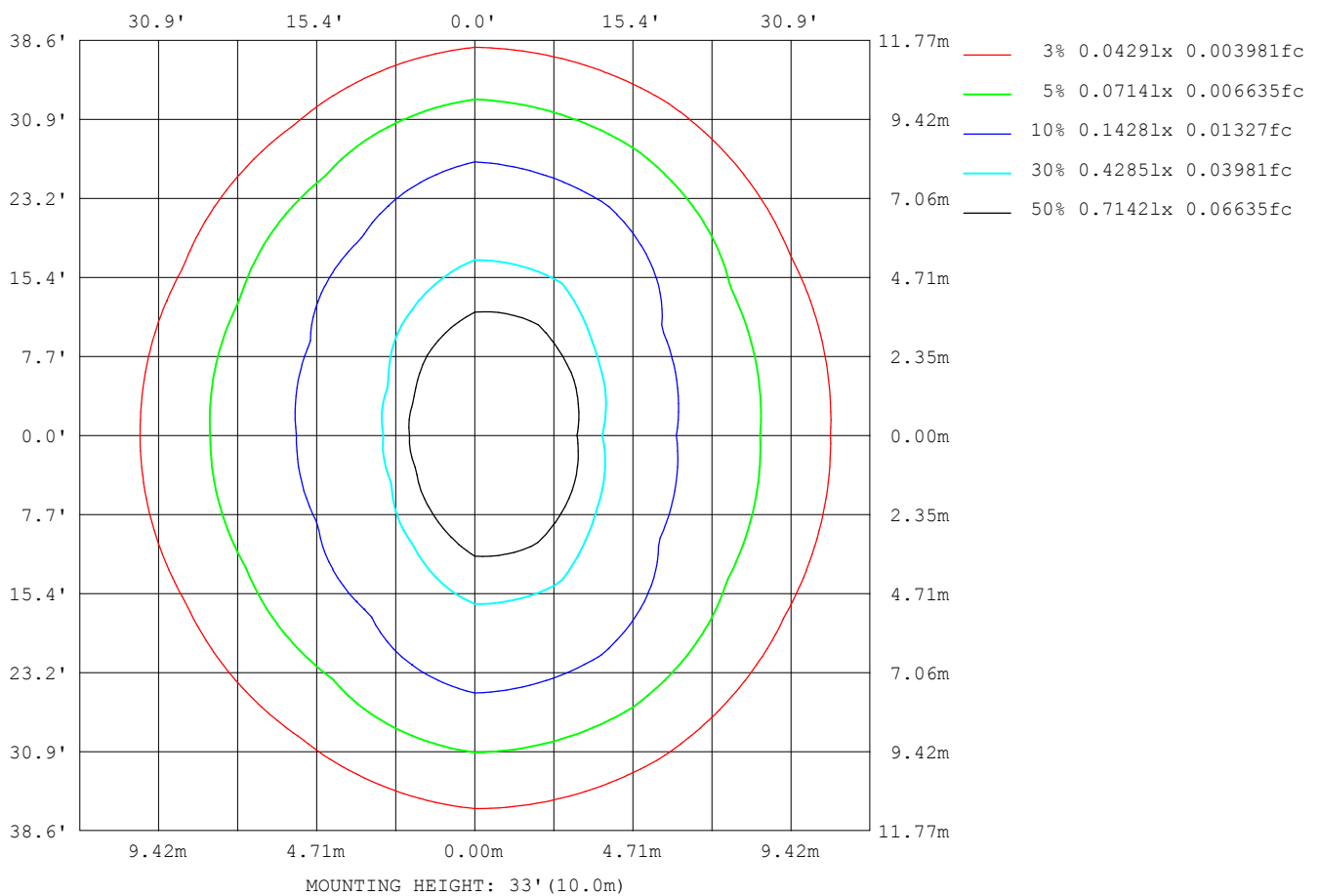
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

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

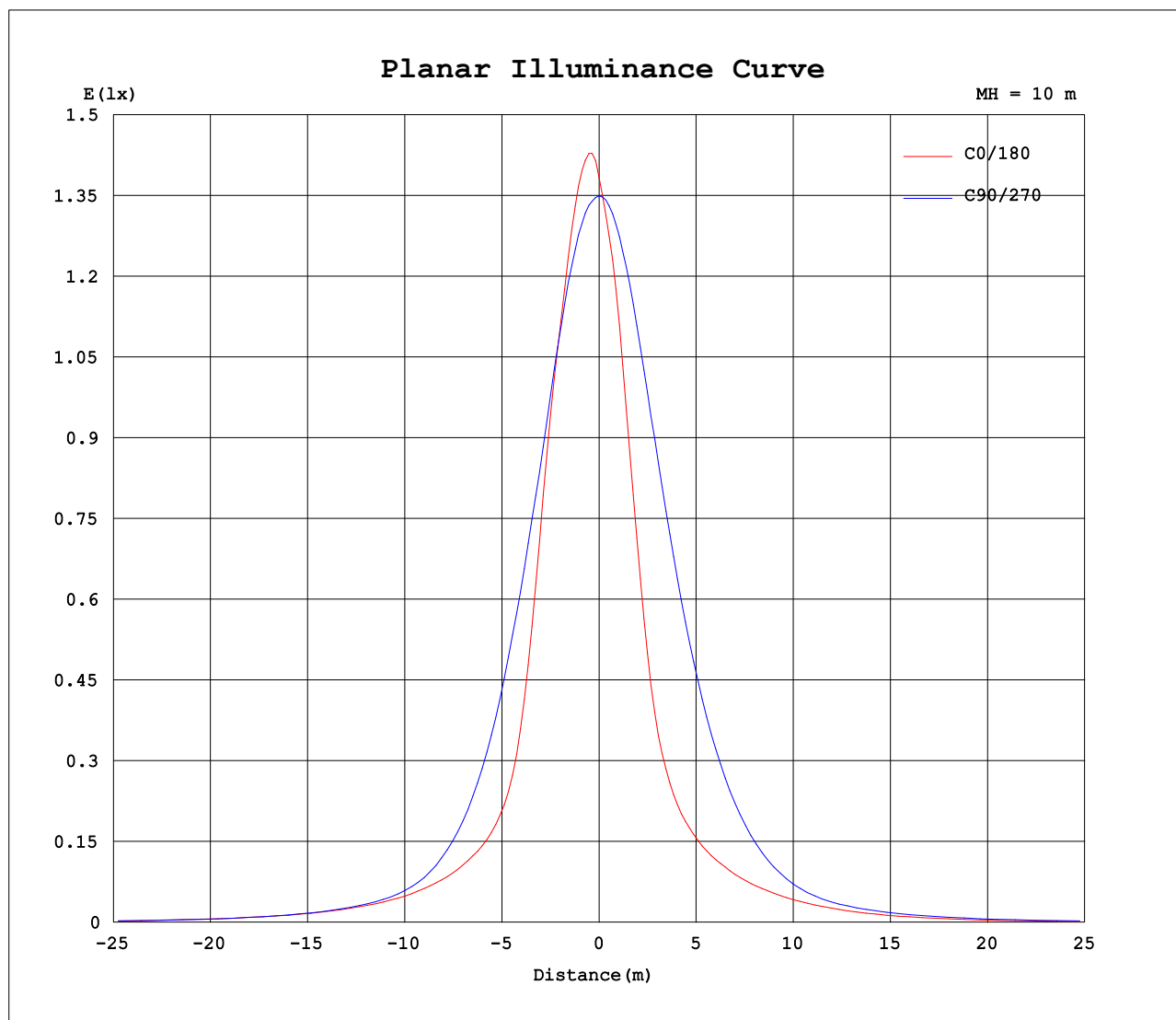
Test:U:24.00V I:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403007
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2650A P:6.360W PF:1.000 Lamp Flux:106.507x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-B	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
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	139	137	136	135	135	136	139	137	136	135	135	136							
5	141	142	139	131	123	118	119	119	124	131	139	141							
10	123	128	130	120	102	85.2	83.0	87.9	106	120	131	128							
15	96.7	104	111	104	76.7	53.3	48.9	57.0	82.5	104	112	105							
20	57.6	73.5	88.4	84.8	53.6	33.1	31.2	36.0	61.4	87.0	90.8	75.7							
25	32.6	43.3	67.6	66.2	37.0	24.0	23.6	26.3	44.3	69.8	70.9	44.8							
30	23.7	27.1	48.7	48.8	25.8	19.5	19.2	21.1	32.0	54.0	53.3	28.0							
35	19.5	20.7	33.1	34.4	19.6	16.2	16.3	17.5	23.9	40.4	38.1	21.4							
40	16.3	17.1	22.5	23.6	15.9	13.9	14.1	14.6	18.6	29.0	26.2	17.7							
45	13.9	14.3	16.5	16.8	13.4	12.0	12.0	12.2	14.7	20.3	18.7	14.8							
50	12.0	12.2	13.0	13.1	11.2	10.2	10.1	10.1	11.7	14.5	14.3	12.5							
55	10.2	10.3	10.6	10.6	9.25	8.41	8.16	8.23	9.39	11.4	11.4	10.5							
60	8.52	8.51	8.61	8.62	7.33	6.62	6.30	6.42	7.37	8.87	9.17	8.63							
65	6.83	6.84	6.82	6.65	5.54	4.87	4.50	4.68	5.46	6.69	7.05	6.86							
70	5.17	5.25	5.12	4.84	3.91	3.30	2.99	3.07	3.78	4.77	5.14	5.18							
75	3.63	3.72	3.58	3.23	2.52	2.12	1.86	1.88	2.30	3.11	3.47	3.57							
80	2.35	2.38	2.23	1.89	1.46	1.24	1.01	1.02	1.18	1.68	2.06	2.19							
85	1.41	1.40	1.22	0.86	0.69	0.58	0.36	0.37	0.40	0.59	0.97	1.18							
90	0.70	0.66	0.52	0.35	0.37	0.35	0.14	0.15	0.13	0.10	0.24	0.46							
95	0.36	0.34	0.35	0.36	0.35	0.35	0.15	0.14	0.15	0.10	0.12	0.12							
100	0.33	0.34	0.35	0.37	0.35	0.35	0.17	0.14	0.18	0.13	0.14	0.11							
105	0.33	0.34	0.35	0.38	0.35	0.37	0.20	0.15	0.22	0.15	0.17	0.12							
110	0.33	0.36	0.35	0.40	0.36	0.38	0.23	0.19	0.25	0.19	0.22	0.12							
115	0.33	0.37	0.36	0.42	0.37	0.40	0.28	0.24	0.30	0.23	0.25	0.16							
120	0.33	0.39	0.37	0.46	0.43	0.44	0.34	0.30	0.35	0.29	0.31	0.21							
125	0.35	0.41	0.41	0.51	0.45	0.49	0.42	0.36	0.41	0.35	0.36	0.28							
130	0.38	0.46	0.45	0.55	0.52	0.55	0.49	0.43	0.48	0.39	0.42	0.34							
135	0.44	0.51	0.52	0.60	0.59	0.63	0.56	0.50	0.53	0.44	0.48	0.39							
140	0.52	0.58	0.56	0.65	0.63	0.70	0.61	0.54	0.57	0.51	0.53	0.46							
145	0.60	0.65	0.61	0.70	0.68	0.76	0.66	0.60	0.64	0.54	0.59	0.52							
150	0.68	0.72	0.67	0.74	0.73	0.82	0.68	0.63	0.68	0.60	0.63	0.59							
155	0.75	0.77	0.70	0.76	0.77	0.85	0.71	0.67	0.70	0.61	0.66	0.61							
160	0.79	0.80	0.73	0.79	0.78	0.84	0.73	0.68	0.73	0.65	0.69	0.64							
165	0.83	0.80	0.76	0.80	0.78	0.81	0.74	0.70	0.76	0.68	0.71	0.68							
170	0.85	0.80	0.76	0.81	0.78	0.79	0.74	0.71	0.79	0.71	0.74	0.68							
175	0.83	0.80	0.80	0.81	0.78	0.78	0.77	0.74	0.81	0.76	0.77	0.69							
180	0.80	0.80	0.81	0.81	0.78	0.78	0.78	0.76	0.82	0.79	0.81	0.75							

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	138.6	136.7	135.7	134.9	135.0	136.3	138.6	136.7	135.7	134.9
3.0	143.4	142.6	139.5	133.7	128.5	126.8	128.0	126.4	129.5	133.6
6.0	139.1	140.4	138.4	129.9	119.8	112.7	112.8	113.9	121.0	129.5
9.0	128.1	131.9	132.5	123.3	107.2	92.39	90.64	94.15	109.9	123.0
12.0	113.8	119.0	122.9	114.2	92.16	71.91	68.23	75.08	96.84	114.1
15.0	96.73	104.4	110.9	103.5	76.69	53.29	48.85	56.95	82.55	104.3
18.0	73.13	86.64	97.33	92.24	62.20	39.54	36.40	42.39	69.41	94.01
21.0	50.92	66.62	84.08	80.80	49.91	30.97	29.15	33.54	57.69	83.50
24.0	35.94	48.57	71.53	70.08	39.95	25.47	24.65	27.73	47.41	73.18
27.0	28.09	35.15	59.94	58.57	31.85	21.94	21.57	24.08	38.72	63.43
30.0	23.71	27.07	48.67	48.77	25.79	19.51	19.20	21.14	31.97	54.02
33.0	20.98	22.72	38.79	39.71	21.65	17.38	17.45	18.76	26.70	45.51
36.0	18.69	19.84	30.50	31.88	18.71	15.68	15.76	16.94	22.67	37.82
39.0	16.83	17.68	24.18	25.54	16.55	14.38	14.42	15.16	19.59	30.98
42.0	15.34	15.96	19.68	20.32	14.82	13.13	13.25	13.59	16.93	25.14
45.0	13.92	14.28	16.53	16.80	13.36	11.97	12.03	12.20	14.72	20.26
48.0	12.75	12.95	14.24	14.34	12.04	10.92	10.87	10.94	12.84	16.45
51.0	11.65	11.78	12.48	12.58	10.82	9.847	9.705	9.759	11.24	13.78
54.0	10.56	10.64	11.02	11.06	9.624	8.757	8.550	8.577	9.831	11.93
57.0	9.522	9.531	9.739	9.847	8.468	7.676	7.414	7.456	8.579	10.36
60.0	8.522	8.510	8.608	8.620	7.331	6.621	6.303	6.415	7.368	8.874
63.0	7.517	7.470	7.533	7.394	6.246	5.550	5.207	5.346	6.212	7.533
66.0	6.512	6.526	6.487	6.249	5.196	4.521	4.173	4.315	5.107	6.296
69.0	5.502	5.571	5.452	5.169	4.215	3.596	3.254	3.390	4.097	5.149
72.0	4.532	4.616	4.477	4.148	3.321	2.772	2.485	2.545	3.153	4.094
75.0	3.632	3.722	3.582	3.229	2.521	2.119	1.858	1.877	2.299	3.109
78.0	2.822	2.883	2.742	2.385	1.837	1.552	1.330	1.358	1.576	2.209
81.0	2.138	2.164	1.998	1.667	1.288	1.089	0.8678	0.8756	1.003	1.444
84.0	1.580	1.546	1.395	1.039	0.8209	0.6875	0.4660	0.4788	0.5261	0.7609
87.0	1.097	1.064	0.8914	0.5418	0.4635	0.4167	0.1955	0.2267	0.1854	0.3327
90.0	0.7049	0.6574	0.5238	0.3468	0.3670	0.3518	0.1407	0.1458	0.1307	0.1007
93.0	0.4379	0.3716	0.3621	0.3568	0.3568	0.3518	0.1408	0.1407	0.1408	0.1005
96.0	0.3470	0.3418	0.3518	0.3619	0.3518	0.3518	0.1558	0.1407	0.1608	0.1005
99.0	0.3318	0.3418	0.3518	0.3669	0.3518	0.3518	0.1708	0.1407	0.1760	0.1256
102.0	0.3317	0.3418	0.3518	0.3769	0.3518	0.3518	0.1810	0.1407	0.1911	0.1307
105.0	0.3317	0.3418	0.3518	0.3820	0.3518	0.3668	0.1961	0.1507	0.2162	0.1457
108.0	0.3317	0.3468	0.3518	0.3921	0.3568	0.3620	0.2162	0.1858	0.2414	0.1759
111.0	0.3317	0.3518	0.3518	0.4021	0.3568	0.3770	0.2413	0.1910	0.2664	0.1960
114.0	0.3317	0.3569	0.3568	0.4122	0.3618	0.3971	0.2715	0.2260	0.2916	0.2211
117.0	0.3317	0.3720	0.3568	0.4473	0.3819	0.4122	0.3068	0.2812	0.3218	0.2811
120.0	0.3317	0.3870	0.3669	0.4624	0.4318	0.4373	0.3419	0.2964	0.3520	0.2914
123.0	0.3317	0.3971	0.3919	0.4926	0.4473	0.4675	0.3822	0.3466	0.3921	0.3165
126.0	0.3517	0.4222	0.4220	0.5177	0.4722	0.5027	0.4323	0.3768	0.4224	0.3518
129.0	0.3668	0.4524	0.4472	0.5479	0.5175	0.5429	0.4726	0.4320	0.4576	0.3769
132.0	0.4118	0.4776	0.4724	0.5730	0.5376	0.5831	0.5128	0.4572	0.4927	0.4270
135.0	0.4422	0.5127	0.5175	0.5982	0.5877	0.6283	0.5580	0.5024	0.5278	0.4423
138.0	0.4873	0.5530	0.5376	0.6284	0.6180	0.6735	0.5882	0.5276	0.5580	0.4824
141.0	0.5276	0.5982	0.5777	0.6584	0.6431	0.7088	0.6233	0.5527	0.5931	0.5126
144.0	0.5927	0.6334	0.6030	0.6886	0.6835	0.7490	0.6484	0.6080	0.6283	0.5326
147.0	0.6281	0.6786	0.6331	0.7087	0.6985	0.7891	0.6685	0.6081	0.6485	0.5628
150.0	0.6784	0.7238	0.6683	0.7388	0.7336	0.8192	0.6836	0.6332	0.6785	0.5980
153.0	0.7186	0.7540	0.6834	0.7589	0.7639	0.8394	0.7037	0.6583	0.6986	0.5981
156.0	0.7539	0.7891	0.7085	0.7740	0.7789	0.8493	0.7187	0.6784	0.7137	0.6231
159.0	0.7839	0.8041	0.7236	0.7841	0.7790	0.8443	0.7288	0.6785	0.7288	0.6433
162.0	0.8140	0.8041	0.7489	0.7991	0.7840	0.8393	0.7338	0.6935	0.7388	0.6685
165.0	0.8343	0.8041	0.7639	0.8042	0.7840	0.8142	0.7388	0.7036	0.7589	0.6834
168.0	0.8543	0.8041	0.7639	0.8142	0.7840	0.8091	0.7438	0.7136	0.7740	0.6985
171.0	0.8544	0.8041	0.7639	0.8142	0.7840	0.7840	0.7488	0.7137	0.7841	0.7136
174.0	0.8394	0.8041	0.7890	0.8142	0.7840	0.7790	0.7590	0.7387	0.8092	0.7586
177.0	0.8193	0.8041	0.8091	0.8142	0.7840	0.7790	0.7790	0.7639	0.8192	0.7639
180.0	0.8041	0.8041	0.8142	0.8142	0.7840	0.7790	0.7790	0.7639	0.8242	0.7890
G/C	300.0	330.0								
0.0	135.0	136.3								
3.0	138.9	142.1								
6.0	138.5	140.0								
9.0	133.5	131.7								
12.0	124.5	119.1								
15.0	112.3	104.8								
18.0	99.41	88.76								
21.0	86.82	69.06								
24.0	74.68	49.97								
27.0	63.55	36.33								
30.0	53.28	27.99								

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

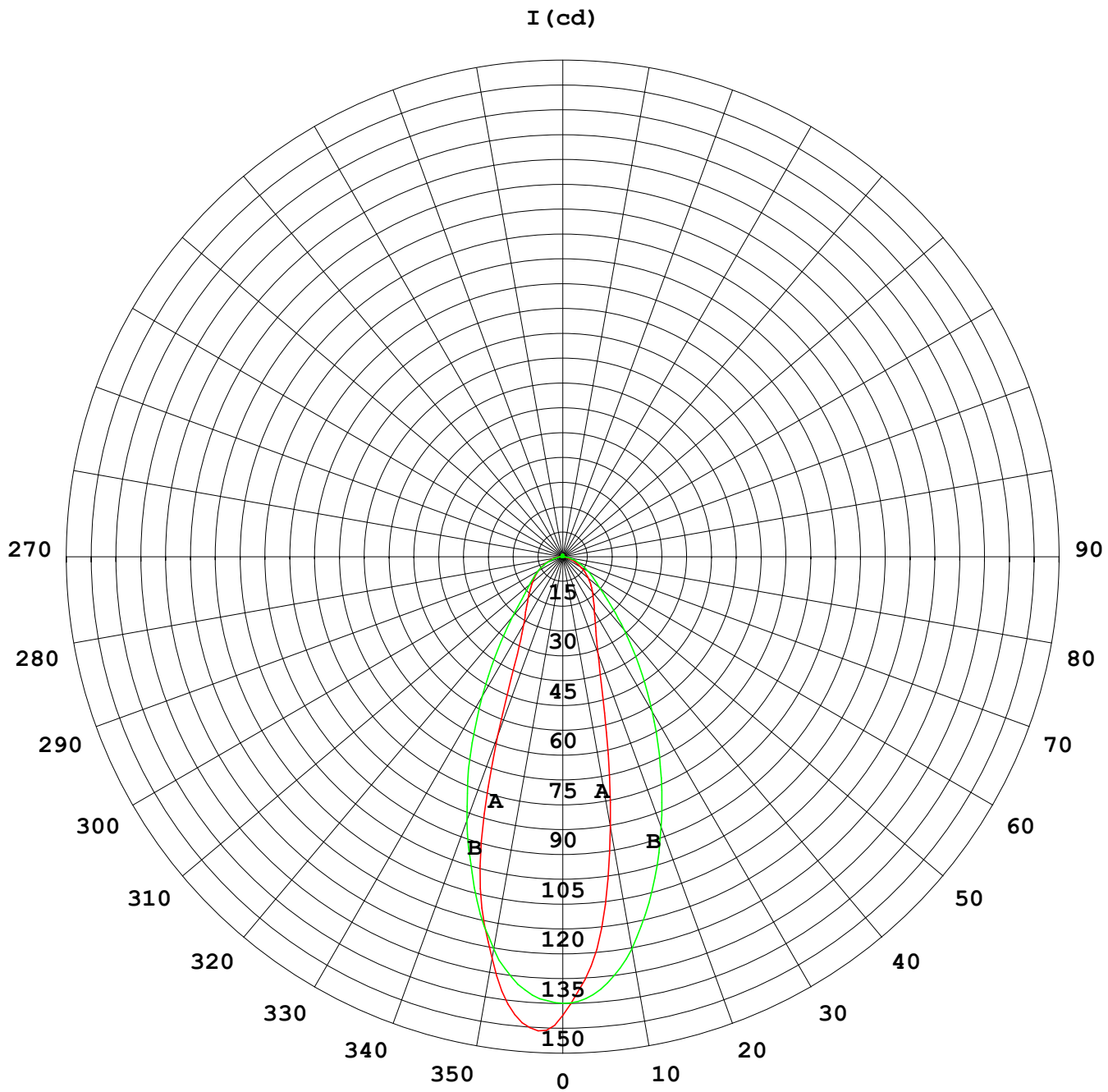
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

33.0	43.98	23.54
36.0	35.34	20.48
39.0	28.18	18.29
42.0	22.76	16.45
45.0	18.68	14.80
48.0	15.77	13.39
51.0	13.63	12.10
54.0	11.90	10.92
57.0	10.48	9.763
60.0	9.167	8.632
63.0	7.885	7.562
66.0	6.635	6.526
69.0	5.504	5.501
72.0	4.434	4.526
75.0	3.475	3.571
78.0	2.595	2.696
81.0	1.812	1.957
84.0	1.159	1.364
87.0	0.6267	0.8608
90.0	0.2402	0.4584
93.0	0.1106	0.1864
96.0	0.1157	0.1106
99.0	0.1357	0.1106
102.0	0.1559	0.1106
105.0	0.1710	0.1156
108.0	0.2010	0.1206
111.0	0.2212	0.1256
114.0	0.2513	0.1507
117.0	0.2815	0.1859
120.0	0.3067	0.2110
123.0	0.3368	0.2362
126.0	0.3720	0.2764
129.0	0.4073	0.3215
132.0	0.4374	0.3568
135.0	0.4776	0.3919
138.0	0.5127	0.4422
141.0	0.5479	0.4723
144.0	0.5781	0.5176
147.0	0.6032	0.5476
150.0	0.6284	0.5928
153.0	0.6534	0.5981
156.0	0.6736	0.6181
159.0	0.6885	0.6382
162.0	0.6987	0.6682
165.0	0.7137	0.6785
168.0	0.7288	0.6835
171.0	0.7439	0.6835
174.0	0.7690	0.6835
177.0	0.7891	0.6985
180.0	0.8091	0.7488

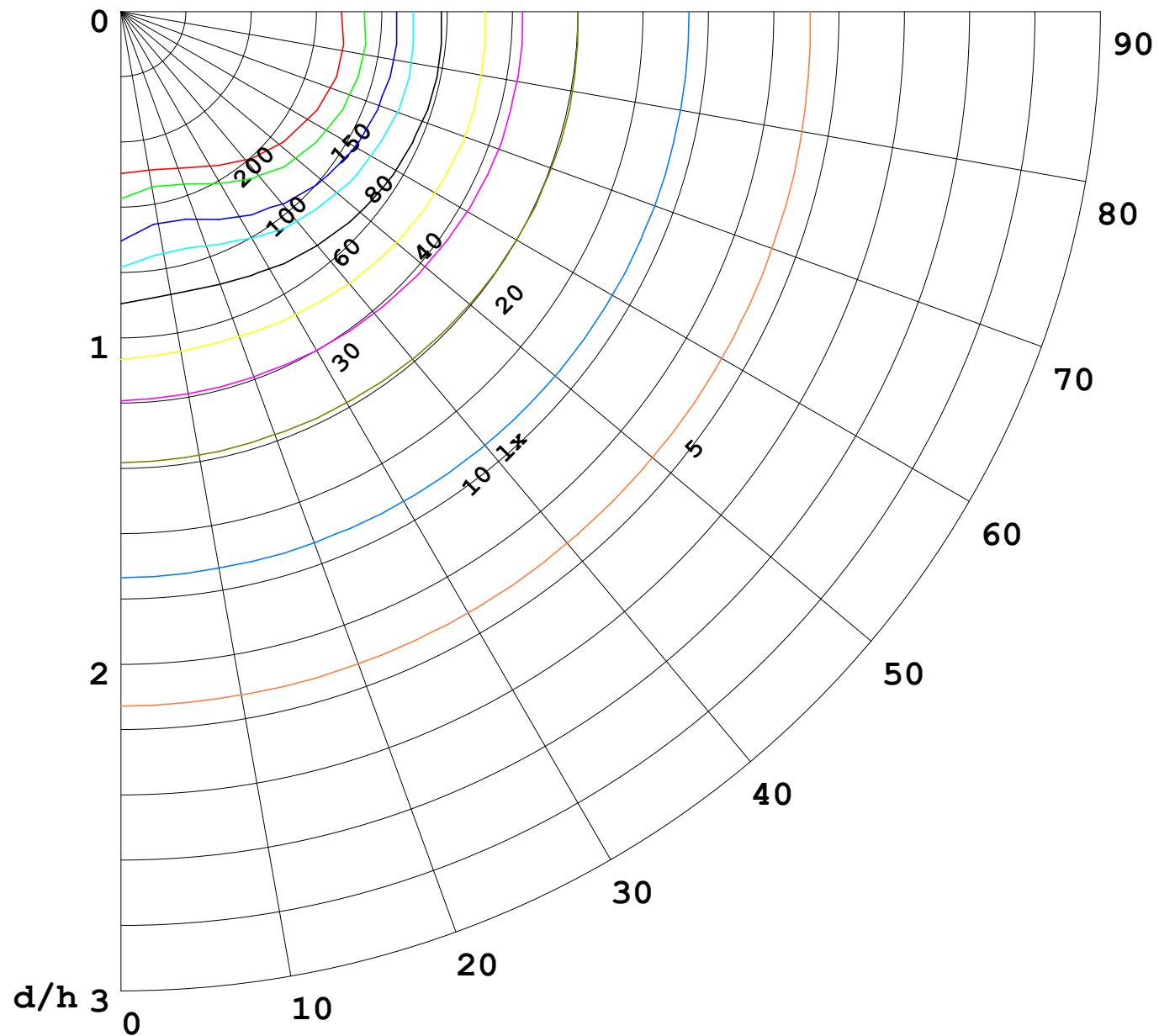
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

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:



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

