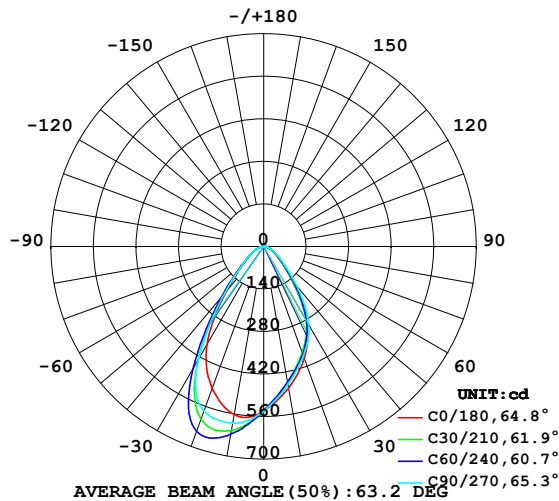


## LUMINAIRE PHOTOMETRIC TEST REPORT

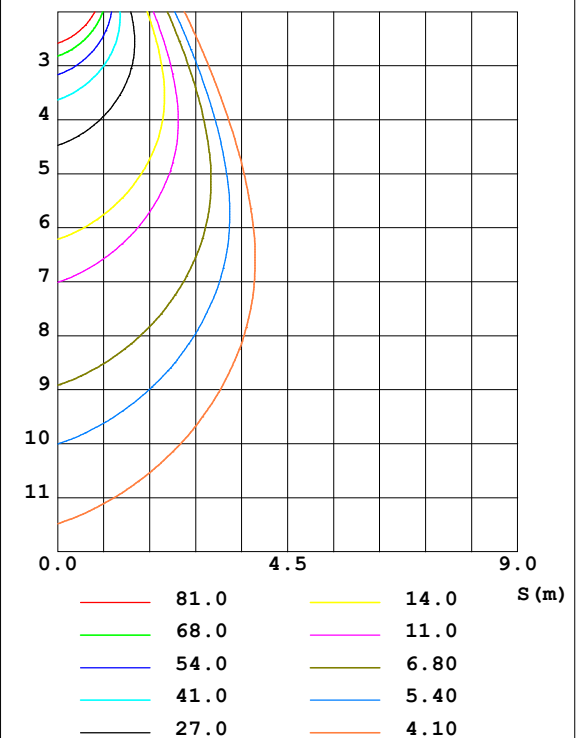
Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 42.47 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	655.7	S/MH (C0/180)	0.89
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.89
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	764.43	η UP, DN (C0-180)	1.7, 43.0
NOMINAL FLUX (lm)	764.43	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 54.1
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	24	η down (%)	97.1	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



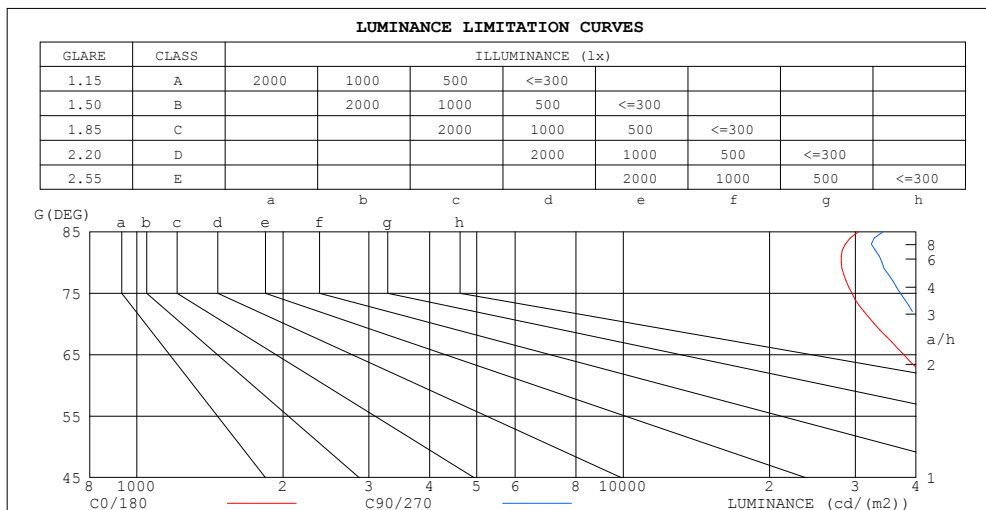
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

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	473.0	454.6	460.6	488.5	561.8	621.1	590.4	520.3	0- 10	50.69	50.69	6.63,6.63
20	391.4	373.8	383.7	394.4	496.9	625.4	575.5	466.4	10- 20	139.6	190.3	24.9,24.9
30	282.5	280.0	295.4	305.1	372.9	449.3	428.3	343.0	20- 30	188.9	379.2	49.6,49.6
40	144.1	152.0	168.9	162.2	188.4	209.7	199.5	174.2	30- 40	159.8	539.0	70.5,70.5
50	70.92	75.81	83.38	78.00	83.91	90.43	89.12	81.06	40- 50	92.44	631.5	82.6,82.6
60	39.91	43.02	46.36	44.79	46.04	47.17	47.50	43.39	50- 60	54.15	685.6	89.7,89.7
70	20.78	23.35	25.89	25.09	24.87	24.85	25.13	22.23	60- 70	33.28	718.9	94.94
80	9.021	10.01	10.94	11.57	11.09	10.36	9.559	8.509	70- 80	17.38	736.3	96.3,96.3
90	2.776	2.787	2.744	3.541	2.692	1.745	0.9710	1.132	80- 90	6.117	742.4	97.1,97.1
100	2.754	2.865	3.001	2.892	1.347	1.329	1.341	1.339	90-100	2.216	744.6	97.4,97.4
110	3.075	3.264	3.398	3.186	1.860	1.844	1.879	1.900	100-110	2.444	747.0	97.7,97.7
120	3.638	3.887	4.016	3.706	2.544	2.515	2.522	2.613	110-120	2.826	749.9	98.1,98.1
130	4.396	4.644	4.755	4.392	3.333	3.282	3.286	3.433	120-130	3.180	753.1	98.5,98.5
140	5.161	5.322	5.423	5.139	4.162	4.094	4.085	4.219	130-140	3.339	756.4	98.9,98.9
150	5.704	5.759	5.895	5.772	4.906	4.885	4.849	4.920	140-150	3.152	759.5	99.4,99.4
160	5.986	6.013	6.212	6.209	5.489	5.551	5.543	5.516	150-160	2.578	762.1	99.7,99.7
170	6.237	6.300	6.458	6.471	6.052	6.084	6.101	6.064	160-170	1.703	763.8	99.9,99.9
180	6.383	6.433	6.498	6.503	6.388	6.433	6.478	6.483	170-180	0.6035	764.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	30509	34274
80	28081	34057
75	29513	37113
70	32838	40914
65	37730	45009
60	43149	50122
55	49897	57324
50	59637	70119
45	75432	89412

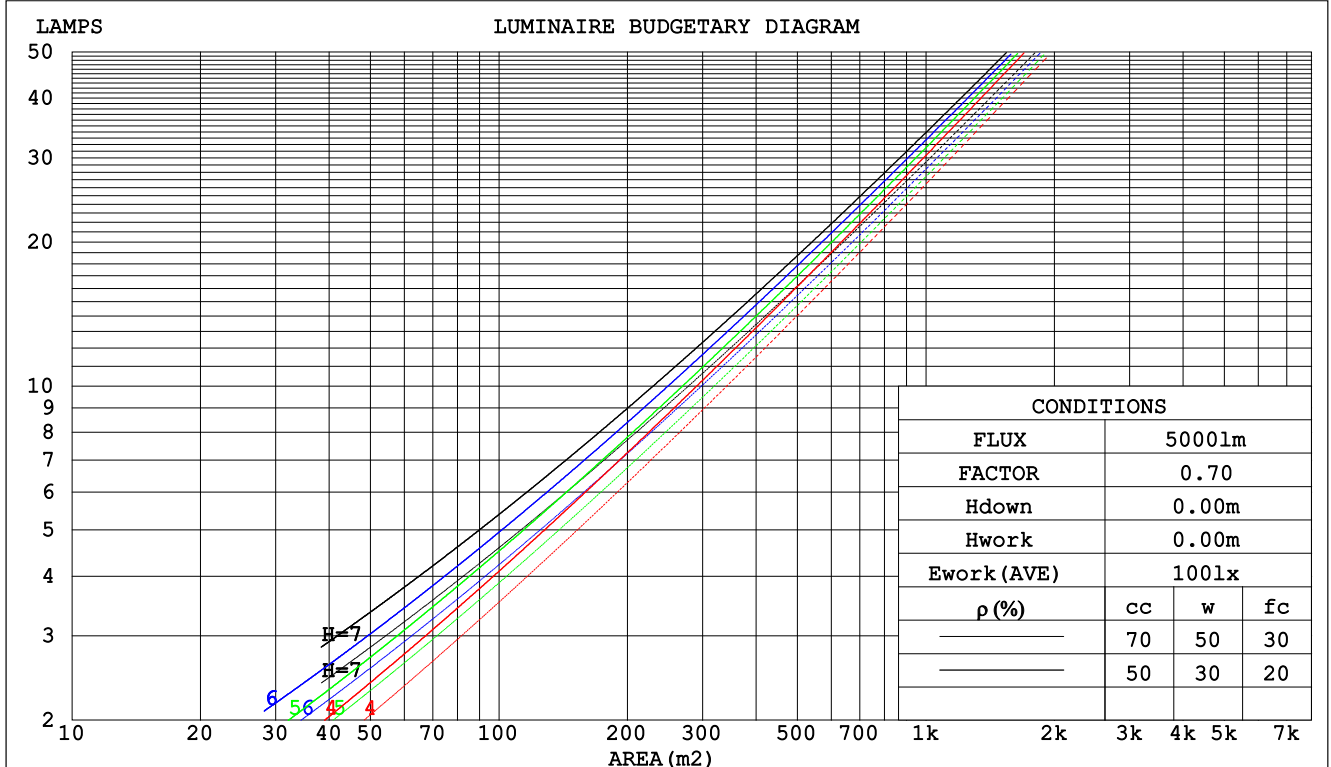
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  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:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	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	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.00	.98	.96	.96	.94	.92	.92	.90	.89	.87
2.0	.97	.92	.88	.95	.90	.86	.91	.87	.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	.71	.67	.74	.70	.66	.72	.68	.65	.63
5.0	.74	.67	.62	.73	.66	.61	.71	.65	.61	.69	.64	.60	.67	.62	.59	.57
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.54	.62	.57	.54	.52
7.0	.63	.56	.51	.63	.56	.51	.61	.55	.50	.59	.54	.50	.58	.53	.49	.48
8.0	.59	.52	.47	.58	.52	.47	.57	.51	.46	.55	.50	.46	.54	.49	.46	.44
9.0	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.46	.43	.51	.46	.42	.41
10.0	.51	.45	.40	.51	.44	.40	.50	.44	.40	.49	.43	.40	.48	.43	.39	.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:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	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	.195	.113	.036	.183	.106	.034	
2.0	.220	.120	.037	.213	.117	.036	.200	.111	.035	.189	.106	.033	.178	.101	.032	
3.0	.207	.110	.033	.201	.108	.032	.190	.103	.031	.180	.099	.030	.170	.094	.029	
4.0	.194	.101	.030	.189	.099	.029	.180	.095	.028	.171	.092	.028	.162	.088	.027	
5.0	.183	.093	.027	.178	.092	.027	.170	.088	.026	.162	.085	.025	.154	.082	.025	
6.0	.172	.086	.025	.168	.085	.024	.161	.082	.024	.153	.080	.023	.147	.077	.023	
7.0	.163	.081	.023	.159	.079	.023	.152	.077	.022	.146	.075	.022	.140	.073	.021	
8.0	.154	.075	.021	.151	.074	.021	.145	.072	.021	.139	.070	.020	.133	.068	.020	
9.0	.146	.071	.020	.143	.070	.020	.138	.068	.019	.132	.066	.019	.127	.065	.019	
10.0	.139	.067	.019	.136	.066	.018	.131	.064	.018	.126	.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	.212	.212	.212	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.197	.179	.163	.169	.154	.140	.115	.106	.097	.066	.061	.056	.021	.020	.018	
2.0	.185	.155	.129	.158	.133	.112	.109	.092	.078	.063	.054	.046	.020	.017	.015	
3.0	.175	.136	.106	.150	.118	.092	.103	.082	.064	.059	.048	.038	.019	.015	.012	
4.0	.166	.122	.089	.142	.106	.077	.098	.074	.054	.057	.043	.032	.018	.014	.011	
5.0	.158	.111	.077	.136	.096	.067	.093	.067	.047	.054	.039	.028	.017	.013	.009	
6.0	.151	.102	.068	.130	.089	.059	.090	.062	.042	.052	.037	.025	.017	.012	.008	
7.0	.145	.095	.061	.124	.083	.053	.086	.058	.038	.050	.034	.022	.016	.011	.007	
8.0	.139	.089	.055	.119	.078	.048	.083	.054	.034	.048	.032	.020	.016	.011	.007	
9.0	.133	.084	.051	.115	.073	.045	.080	.051	.032	.046	.030	.019	.015	.010	.006	
10.0	.128	.080	.048	.111	.070	.042	.077	.049	.030	.045	.029	.018	.015	.010	.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:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm											
NAME: SFW20-24V-3535-24-RGB-60					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		24.4	25.6	24.7	25.8	26.0	24.9	26.1	25.2	26.3	26.6
	3H	25.1	26.1	25.4	26.4	26.7	25.7	26.8	26.0	27.0	27.3
	4H	25.3	26.3	25.6	26.6	26.9	26.0	27.1	26.4	27.3	27.6
	6H	25.5	26.5	25.9	26.8	27.1	26.3	27.2	26.7	27.6	27.9
	8H	25.6	26.5	26.0	26.8	27.2	26.4	27.3	26.8	27.6	27.9
	12H	25.7	26.5	26.0	26.9	27.2	26.5	27.3	26.8	27.7	28.0
4H	2H	24.7	25.7	25.0	26.0	26.3	25.1	26.2	25.5	26.4	26.7
	3H	25.5	26.4	25.9	26.7	27.1	26.1	27.0	26.5	27.3	27.6
	4H	25.9	26.7	26.3	27.1	27.4	26.6	27.3	27.0	27.7	28.1
	6H	26.2	26.9	26.7	27.3	27.7	26.9	27.6	27.4	28.0	28.4
	8H	26.4	27.0	26.8	27.4	27.9	27.1	27.7	27.5	28.1	28.6
	12H	26.5	27.1	26.9	27.5	28.0	27.2	27.8	27.7	28.2	28.7
8H	4H	26.0	26.7	26.5	27.1	27.5	26.6	27.3	27.1	27.7	28.1
	6H	26.5	27.0	27.0	27.5	28.0	27.2	27.7	27.6	28.1	28.6
	8H	26.7	27.2	27.2	27.7	28.2	27.4	27.8	27.9	28.3	28.8
	12H	26.9	27.3	27.4	27.8	28.4	27.6	28.0	28.1	28.5	29.0
12H	4H	26.0	26.6	26.5	27.1	27.5	26.6	27.2	27.1	27.7	28.1
	6H	26.5	27.0	27.0	27.5	28.0	27.2	27.6	27.7	28.1	28.6
	8H	26.8	27.2	27.3	27.7	28.2	27.4	27.8	28.0	28.3	28.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.7					+ 0.5 / - 0.7					
1.5H	+ 0.7 / - 0.6					+ 0.9 / - 0.4					
2.0H	+ 0.9 / - 0.7					+ 1.1 / - 0.6					

CIE Pub.117 Corrected 764.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.9)

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:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

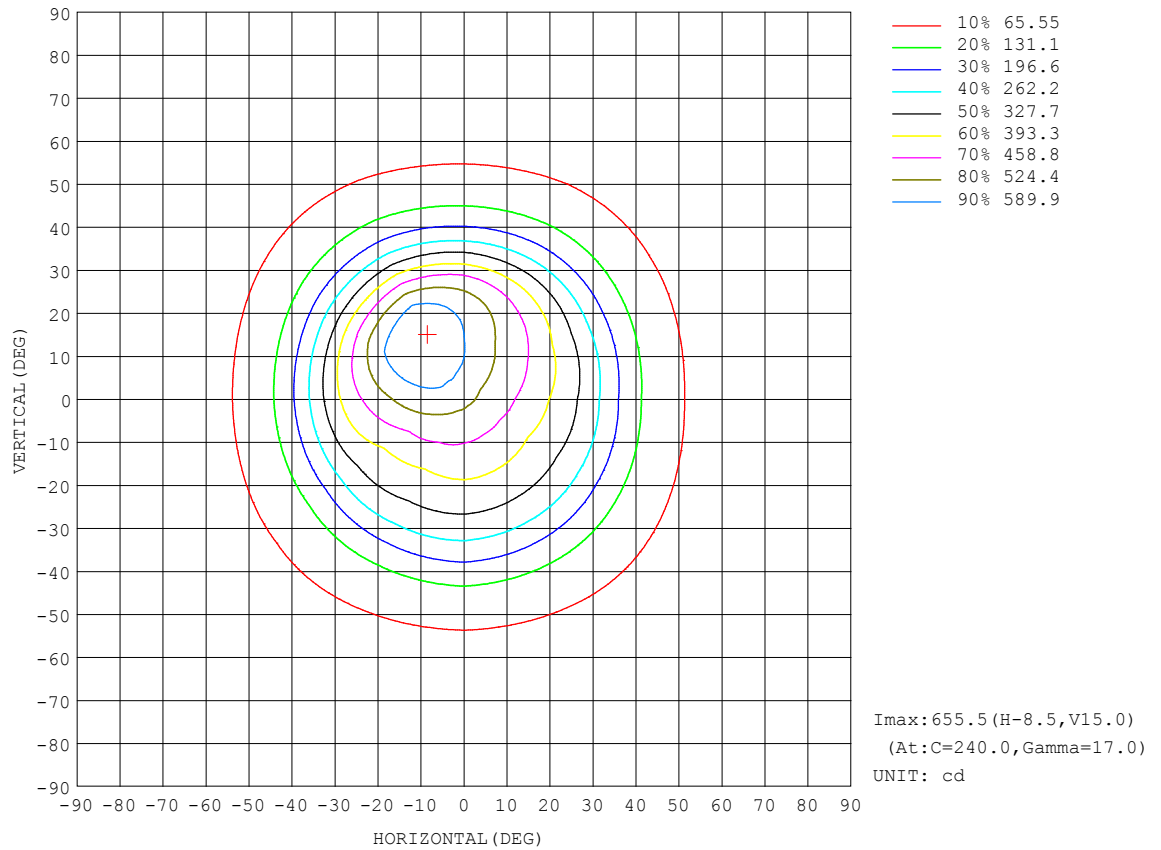
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	72	64	59	71	64	59	54
0.80	82	74	68	81	73	68	79	72	68	62
1.00	88	80	75	87	80	75	85	80	74	69
1.25	94	86	81	92	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	92	89	82
2.50	105	99	95	103	98	94	99	95	92	84
3.00	107	102	98	105	100	97	101	97	94	86
4.00	110	106	102	107	104	101	103	100	98	89
5.00	112	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

$\gamma$  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:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

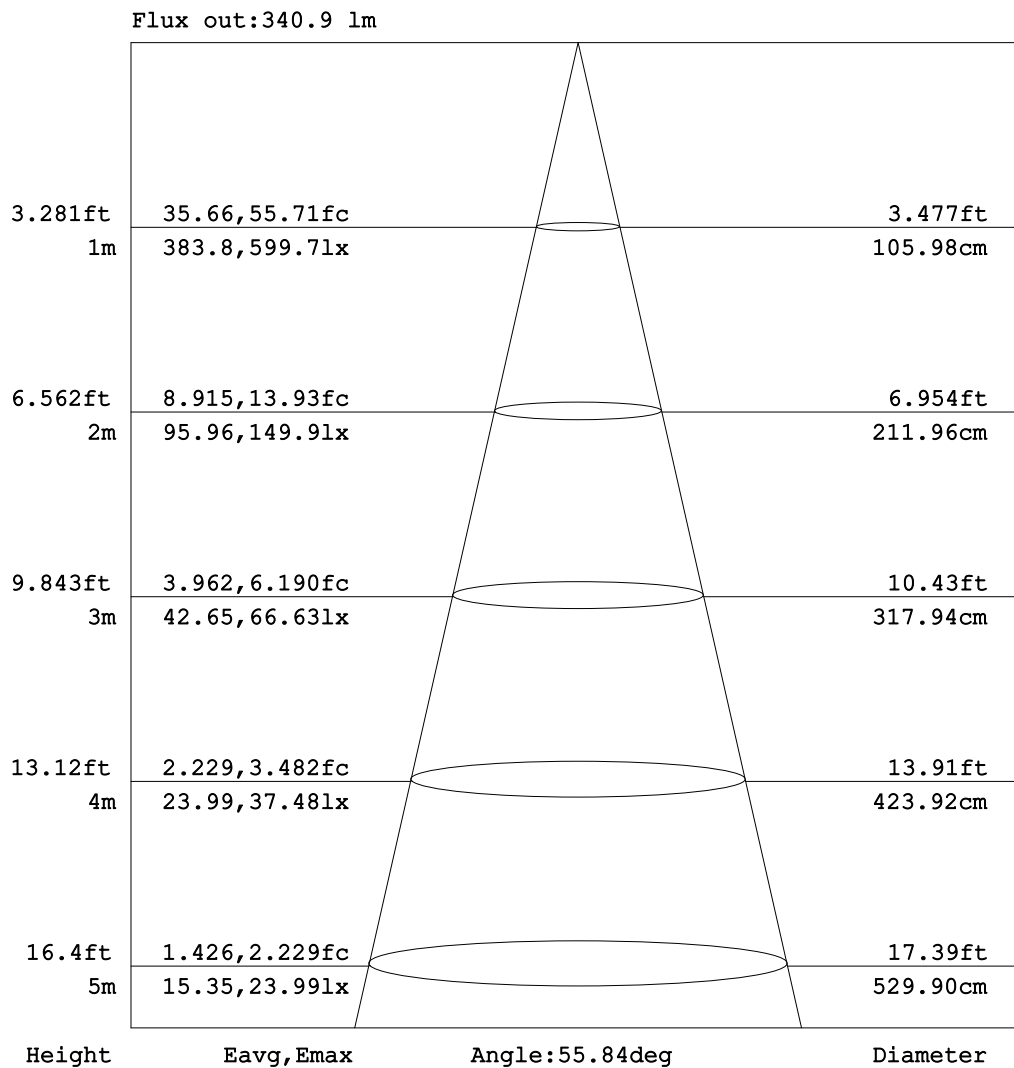


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

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:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	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.

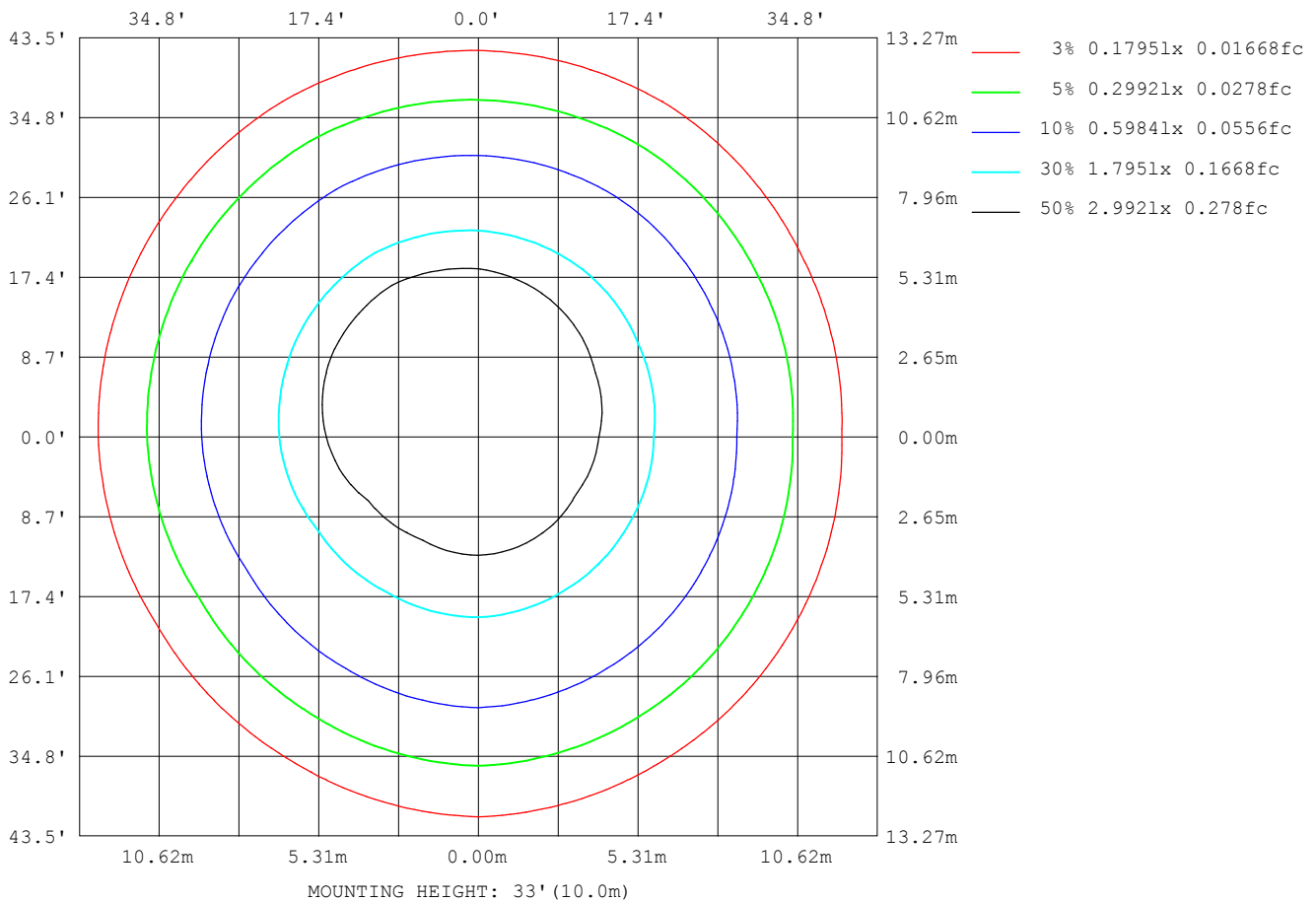
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

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

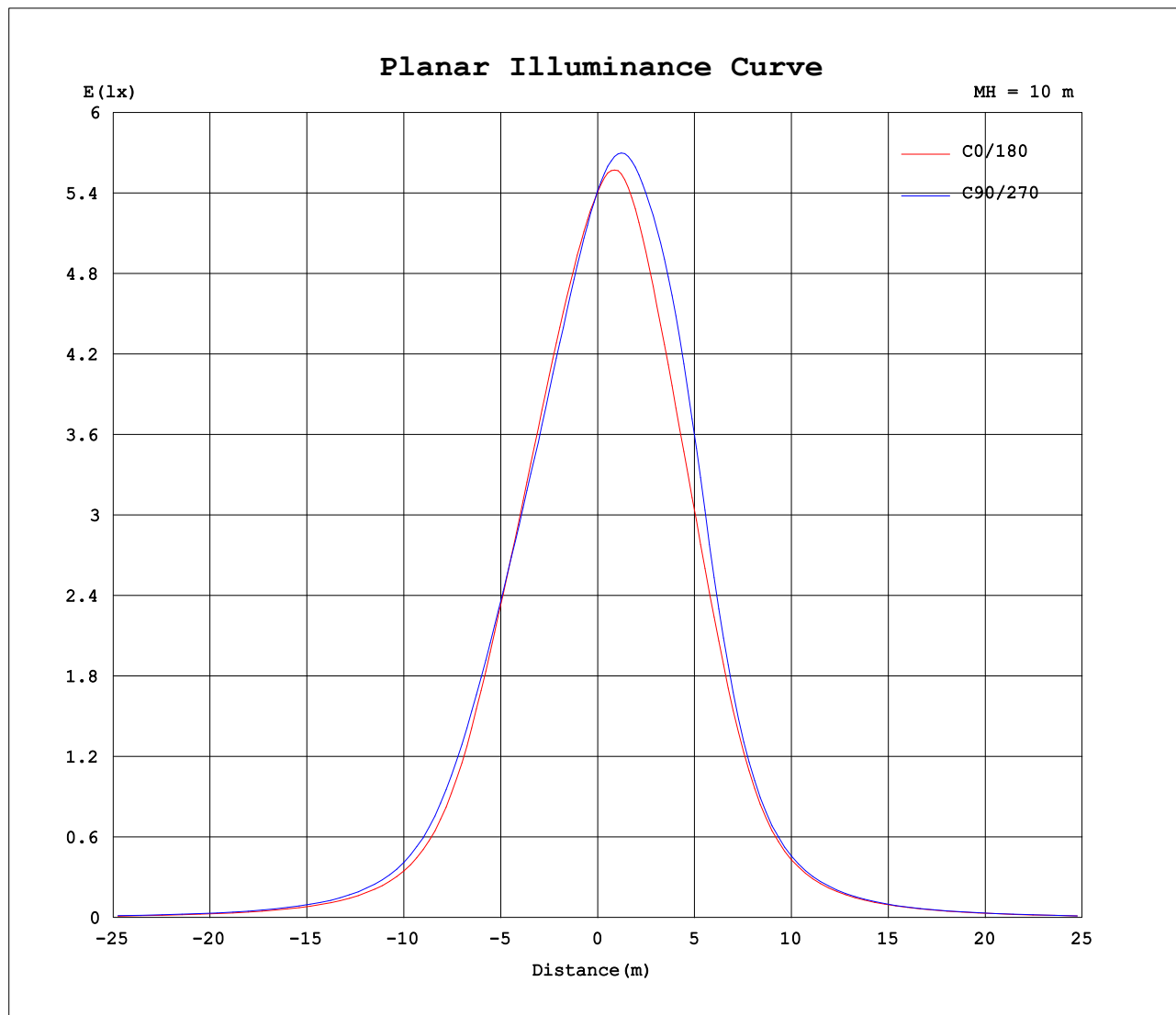
Test:U:24.00V I:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:



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

$\gamma$  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:0.7500A P:18.00W PF:1.000 Lamp Flux:764.43x1 lm		
NAME: SFW20-24V-3535-24-RGB-60	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	541	541	540	541	539	537	541	541	540	541	539	537						
5	509	499	496	502	513	533	564	584	587	574	549	522						
10	473	455	454	461	473	504	562	615	627	590	541	500						
15	435	412	415	422	425	456	537	624	653	590	523	473						
20	391	370	377	384	381	408	497	604	647	576	497	436						
25	343	330	334	344	342	365	444	539	586	527	451	381						
30	283	277	283	295	296	314	373	432	466	428	372	314						
35	210	211	220	235	231	240	280	310	329	305	273	236						
40	144	147	156	169	162	163	188	206	214	199	186	163						
45	98.7	102	108	117	110	109	123	132	138	130	123	110						
50	70.9	74.0	77.6	83.4	78.5	77.5	83.9	88.5	92.4	89.1	85.5	76.6						
55	52.9	55.7	57.9	60.8	58.7	58.2	61.2	63.0	65.3	64.2	61.8	55.5						
60	39.9	42.2	43.8	46.4	44.9	44.7	46.0	46.5	47.8	47.5	45.7	41.0						
65	29.5	31.6	33.0	35.2	34.1	34.1	34.5	34.3	35.2	35.3	33.6	29.9						
70	20.8	22.5	24.2	25.9	25.1	25.1	24.9	24.4	25.3	25.1	23.7	20.8						
75	14.1	15.2	16.5	17.8	17.5	17.6	16.9	16.4	16.8	16.6	15.4	13.5						
80	9.02	9.71	10.3	10.9	11.3	11.8	11.1	10.5	10.2	9.56	8.98	8.03						
85	4.92	5.44	5.60	5.53	6.52	7.44	6.47	5.83	5.14	3.74	3.95	3.64						
90	2.78	2.77	2.80	2.74	3.22	3.87	2.69	2.10	1.39	0.97	1.09	1.17						
95	2.68	2.74	2.76	2.86	2.81	2.82	1.19	1.16	1.16	1.12	1.17	1.10						
100	2.75	2.84	2.88	3.00	2.89	2.89	1.35	1.30	1.36	1.34	1.37	1.31						
105	2.88	3.00	3.06	3.17	3.04	2.99	1.59	1.52	1.60	1.58	1.61	1.58						
110	3.08	3.22	3.31	3.40	3.23	3.14	1.86	1.80	1.89	1.88	1.91	1.89						
115	3.32	3.50	3.60	3.68	3.49	3.35	2.18	2.13	2.20	2.19	2.23	2.25						
120	3.64	3.84	3.94	4.02	3.81	3.60	2.54	2.48	2.55	2.52	2.59	2.64						
125	4.01	4.21	4.30	4.38	4.14	3.92	2.93	2.85	2.92	2.89	2.98	3.05						
130	4.40	4.60	4.68	4.75	4.52	4.27	3.33	3.25	3.31	3.29	3.38	3.49						
135	4.79	4.98	5.02	5.11	4.89	4.64	3.76	3.66	3.71	3.68	3.79	3.88						
140	5.16	5.32	5.33	5.42	5.25	5.03	4.16	4.07	4.12	4.09	4.18	4.26						
145	5.47	5.59	5.57	5.69	5.57	5.40	4.55	4.47	4.52	4.47	4.55	4.63						
150	5.70	5.78	5.73	5.90	5.82	5.72	4.91	4.85	4.92	4.85	4.90	4.94						
155	5.87	5.92	5.87	6.06	6.05	5.99	5.21	5.19	5.28	5.21	5.23	5.21						
160	5.99	6.02	6.01	6.21	6.21	6.21	5.49	5.50	5.60	5.54	5.54	5.49						
165	6.11	6.15	6.16	6.35	6.34	6.38	5.77	5.78	5.90	5.84	5.84	5.77						
170	6.24	6.29	6.31	6.46	6.44	6.50	6.05	6.02	6.15	6.10	6.11	6.02						
175	6.32	6.40	6.42	6.50	6.50	6.50	6.26	6.23	6.36	6.32	6.35	6.27						
180	6.38	6.40	6.47	6.50	6.50	6.50	6.39	6.39	6.47	6.48	6.49	6.47						

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	540.6	541.4	540.0	541.4	539.4	536.9	540.6	541.4	540.0	541.4
3.0	522.0	515.6	513.0	518.0	525.6	538.0	557.2	567.9	569.2	562.3
6.0	501.9	490.1	487.0	494.2	505.7	529.5	565.9	591.5	595.7	578.6
9.0	480.3	464.3	461.6	469.5	482.2	511.4	564.7	610.4	620.0	588.9
12.0	457.7	437.8	437.4	445.8	454.4	485.8	553.7	621.3	640.0	591.8
15.0	434.5	411.7	415.2	421.5	425.1	456.4	536.6	624.5	652.8	590.1
18.0	409.0	387.0	392.1	398.4	398.0	427.1	513.4	616.6	654.6	584.7
21.0	381.9	362.2	369.2	375.6	372.9	399.3	487.3	595.3	639.8	569.9
24.0	353.7	338.6	343.8	352.4	349.8	373.9	455.9	555.9	603.7	541.7
27.0	320.8	312.1	315.6	325.3	325.6	347.9	418.4	501.5	543.8	494.8
30.0	282.5	277.0	282.9	295.4	295.8	314.4	372.9	432.4	466.1	428.3
33.0	240.0	239.6	246.3	261.0	258.7	273.1	320.2	357.6	383.3	353.5
36.0	196.0	197.5	206.9	221.7	216.4	223.6	261.1	288.7	303.5	280.0
39.0	156.3	159.5	167.9	181.9	174.6	177.4	205.5	223.9	234.3	218.1
42.0	123.8	127.3	135.1	145.6	138.5	138.5	158.2	173.3	179.3	167.3
45.0	98.68	102.3	108.3	117.0	110.3	109.1	122.6	132.0	137.6	130.4
48.0	80.34	83.64	87.95	94.75	89.43	88.07	96.73	102.7	107.1	103.0
51.0	66.70	69.58	72.89	78.16	73.84	72.76	78.39	82.44	85.71	83.12
54.0	56.05	58.81	61.01	64.28	62.03	61.42	64.87	66.82	69.67	68.44
57.0	47.34	49.62	51.55	54.81	52.58	52.19	54.48	55.35	57.32	56.85
60.0	39.91	42.24	43.80	46.36	44.88	44.70	46.04	46.53	47.81	47.50
63.0	33.50	35.52	37.03	39.23	38.20	38.00	38.83	38.87	39.71	39.94
66.0	27.61	29.61	30.99	33.19	32.21	32.16	32.44	32.18	33.05	33.19
69.0	22.37	24.25	25.70	27.59	26.84	26.77	26.67	26.30	27.13	27.08
72.0	17.87	19.24	20.87	22.48	21.94	21.74	21.40	21.10	21.62	21.58
75.0	14.13	15.20	16.48	17.77	17.49	17.56	16.92	16.45	16.84	16.61
78.0	10.94	11.68	12.53	13.52	13.58	13.91	13.23	12.60	12.67	12.18
81.0	8.126	8.772	9.248	9.729	10.23	10.86	10.09	9.466	9.110	8.292
84.0	5.664	6.234	6.414	6.350	7.334	8.230	7.302	6.683	6.085	4.760
87.0	3.650	4.031	4.124	4.191	5.014	5.894	4.877	4.194	3.379	1.947
90.0	2.776	2.774	2.801	2.744	3.217	3.866	2.692	2.096	1.394	0.9710
93.0	2.684	2.719	2.754	2.820	2.820	2.839	1.330	1.182	1.116	1.035
96.0	2.694	2.769	2.779	2.890	2.829	2.830	1.201	1.161	1.202	1.161
99.0	2.719	2.820	2.850	2.970	2.880	2.875	1.302	1.251	1.322	1.291
102.0	2.799	2.900	2.945	3.066	2.945	2.930	1.438	1.387	1.458	1.442
105.0	2.879	3.001	3.060	3.172	3.035	2.991	1.589	1.518	1.599	1.578
108.0	2.990	3.126	3.191	3.297	3.156	3.076	1.745	1.683	1.770	1.748
111.0	3.120	3.272	3.357	3.458	3.276	3.182	1.921	1.869	1.946	1.924
114.0	3.266	3.438	3.533	3.619	3.427	3.297	2.122	2.060	2.137	2.115
117.0	3.442	3.629	3.728	3.815	3.603	3.438	2.328	2.261	2.343	2.316
120.0	3.638	3.835	3.939	4.016	3.809	3.604	2.544	2.482	2.549	2.522
123.0	3.859	4.051	4.150	4.232	4.005	3.785	2.775	2.713	2.765	2.748
126.0	4.085	4.283	4.377	4.458	4.211	3.981	3.011	2.934	2.996	2.970
129.0	4.311	4.519	4.603	4.680	4.452	4.187	3.253	3.171	3.233	3.206
132.0	4.557	4.755	4.814	4.896	4.663	4.413	3.499	3.417	3.474	3.442
135.0	4.789	4.981	5.020	5.107	4.889	4.644	3.755	3.663	3.710	3.683
138.0	5.020	5.187	5.206	5.298	5.100	4.881	4.001	3.909	3.956	3.924
141.0	5.231	5.378	5.372	5.474	5.311	5.102	4.243	4.146	4.197	4.156
144.0	5.417	5.539	5.518	5.639	5.502	5.328	4.479	4.392	4.439	4.392
147.0	5.578	5.679	5.638	5.775	5.679	5.529	4.695	4.623	4.685	4.623
150.0	5.704	5.785	5.734	5.895	5.824	5.720	4.906	4.854	4.916	4.849
153.0	5.804	5.870	5.824	6.001	5.965	5.891	5.092	5.065	5.132	5.060
156.0	5.895	5.936	5.900	6.096	6.076	6.041	5.268	5.256	5.343	5.271
159.0	5.975	6.001	5.990	6.182	6.171	6.167	5.433	5.442	5.544	5.483
162.0	6.031	6.071	6.066	6.272	6.262	6.283	5.599	5.618	5.730	5.658
165.0	6.111	6.152	6.156	6.353	6.337	6.383	5.765	5.779	5.901	5.839
168.0	6.191	6.237	6.247	6.418	6.398	6.468	5.941	5.930	6.061	5.995
171.0	6.262	6.318	6.332	6.478	6.463	6.503	6.097	6.071	6.202	6.146
174.0	6.307	6.393	6.398	6.503	6.488	6.503	6.222	6.191	6.328	6.282
177.0	6.352	6.398	6.443	6.503	6.503	6.503	6.343	6.297	6.448	6.387
180.0	6.383	6.398	6.468	6.498	6.503	6.503	6.388	6.393	6.473	6.478
G/C	300.0	330.0								
0.0	539.4	536.9								
3.0	546.8	529.3								
6.0	548.4	517.6								
9.0	543.7	504.5								
12.0	534.8	489.7								
15.0	522.8	473.2								
18.0	508.8	452.8								
21.0	490.6	426.0								
24.0	462.9	392.8								
27.0	423.4	356.3								
30.0	372.1	313.9								

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

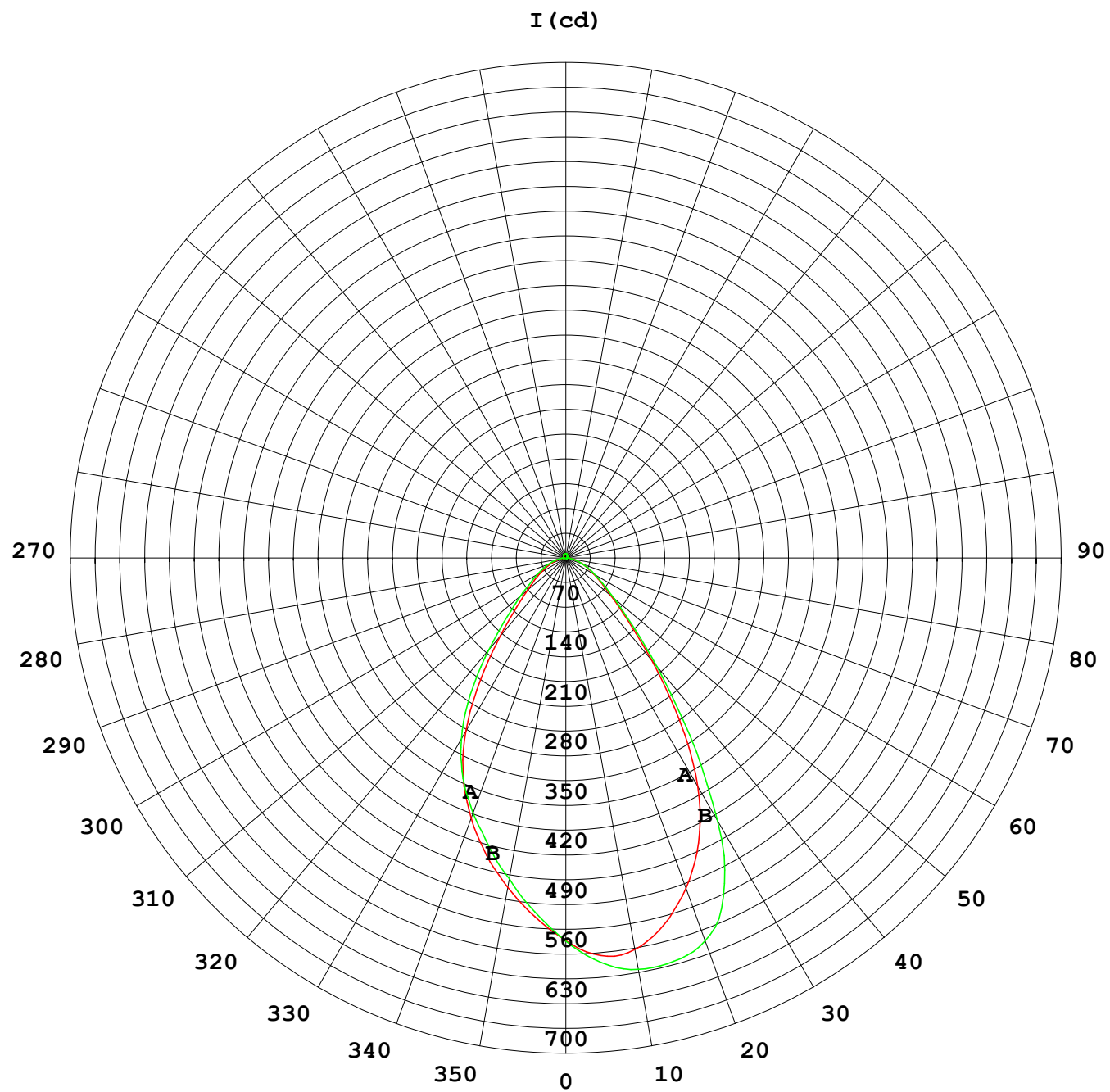
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

33.0	314.6	267.4
36.0	254.2	220.3
39.0	201.0	175.9
42.0	157.4	138.5
45.0	123.5	110.0
48.0	98.52	87.96
51.0	79.96	71.52
54.0	65.72	59.20
57.0	54.53	49.26
60.0	45.73	41.04
63.0	38.06	34.15
66.0	31.36	27.95
69.0	25.54	22.41
72.0	20.09	17.66
75.0	15.39	13.53
78.0	11.36	10.07
81.0	7.884	7.069
84.0	4.894	4.416
87.0	2.361	2.257
90.0	1.091	1.173
93.0	1.106	1.091
96.0	1.197	1.135
99.0	1.327	1.266
102.0	1.463	1.417
105.0	1.614	1.578
108.0	1.785	1.759
111.0	1.971	1.959
114.0	2.167	2.206
117.0	2.373	2.402
120.0	2.589	2.638
123.0	2.815	2.884
126.0	3.052	3.135
129.0	3.298	3.392
132.0	3.539	3.648
135.0	3.785	3.884
138.0	4.027	4.111
141.0	4.258	4.332
144.0	4.484	4.543
147.0	4.700	4.739
150.0	4.901	4.940
153.0	5.102	5.101
156.0	5.298	5.266
159.0	5.484	5.432
162.0	5.665	5.608
165.0	5.835	5.774
168.0	6.001	5.925
171.0	6.157	6.076
174.0	6.298	6.226
177.0	6.438	6.357
180.0	6.493	6.473

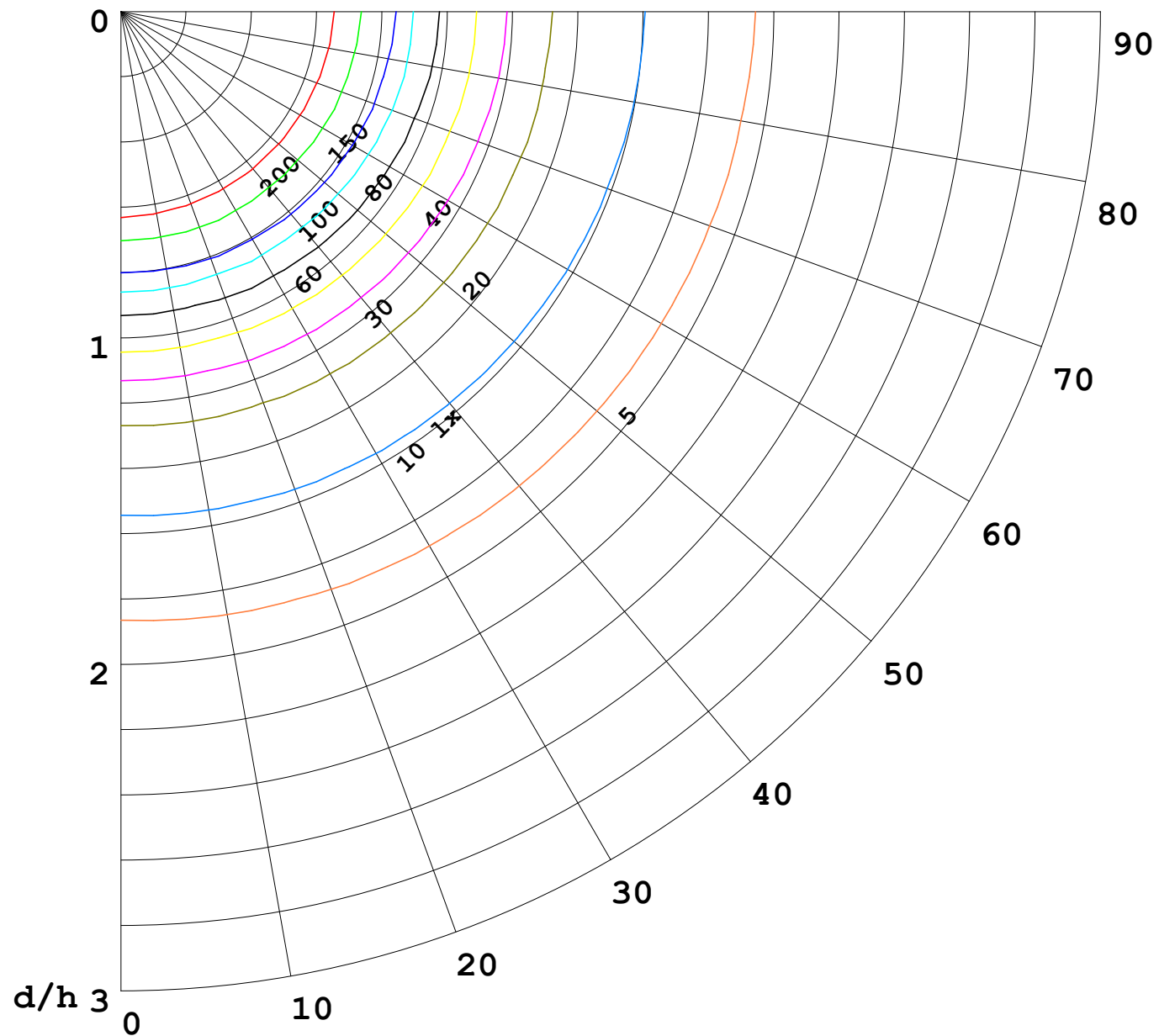
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

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

