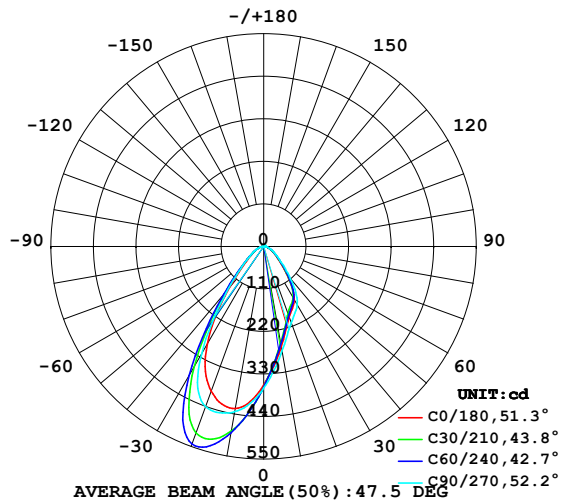


## LUMINAIRE PHOTOMETRIC TEST REPORT

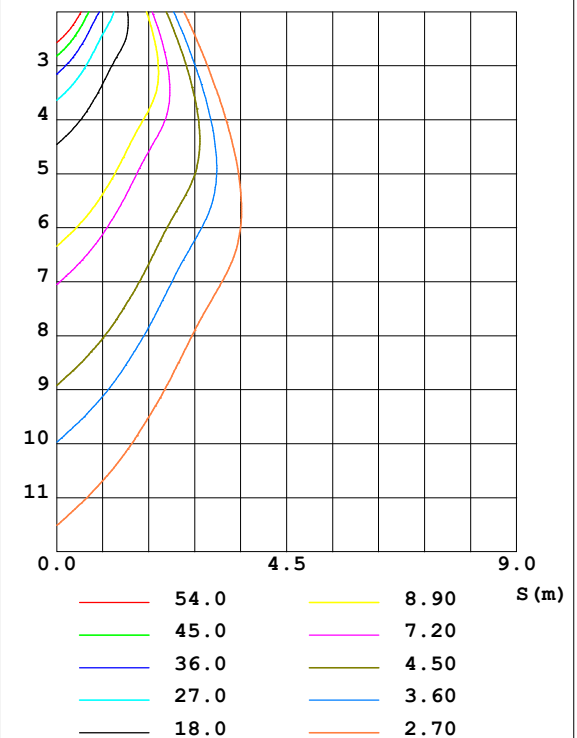
Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.75 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	545.0	S/MH (C0/180)	0.63
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.68
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	519.78	η UP, DN (C0-180)	1.7, 39.4
NOMINAL FLUX (lm)	519.78	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 57.7
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	24	η down (%)	97.2	CIBSE SHR MAX	0.85

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



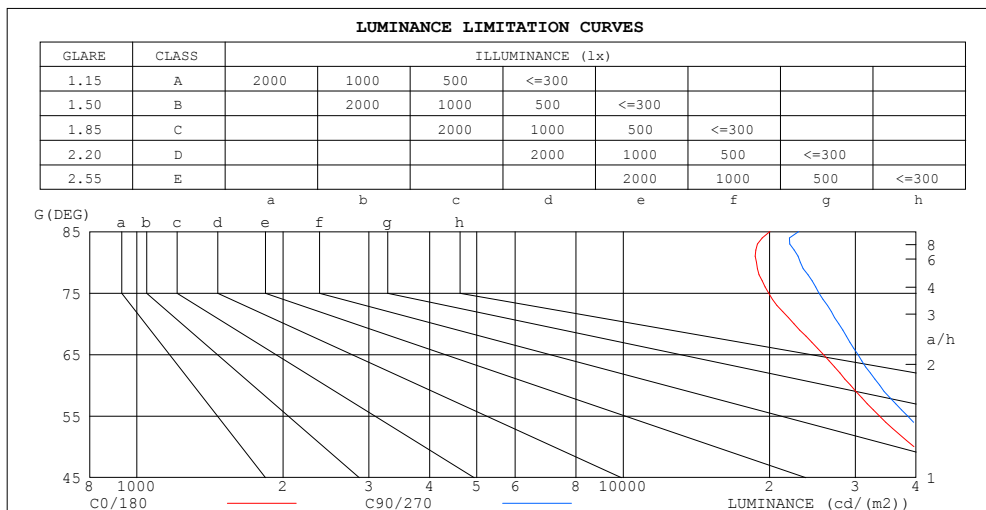
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

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	263.5	255.8	274.5	335.7	425.0	486.5	434.0	330.3	0- 10	34.14	34.14	6.57,6.57
20	193.6	188.0	210.0	272.3	398.2	528.0	440.7	275.9	10- 20	94.20	128.3	24.7,24.7
30	158.5	154.2	173.3	212.4	292.1	372.4	322.5	211.6	20- 30	129.1	257.4	49.5,49.5
40	92.38	96.99	108.1	110.4	135.1	157.8	142.1	113.0	30- 40	109.8	367.2	70.7,70.7
50	47.13	50.89	54.63	52.08	57.08	63.26	61.55	54.20	40- 50	62.79	430.0	82.7,82.7
60	27.13	29.58	31.15	29.86	30.75	32.05	32.47	29.21	50- 60	36.66	466.7	89.8,89.8
70	14.19	16.11	17.55	16.79	16.46	16.84	17.10	14.91	60- 70	22.53	489.2	94.1,94.1
80	6.038	6.743	7.426	7.761	7.355	7.009	6.430	5.677	70- 80	11.75	501.0	96.4,96.4
90	1.815	1.835	1.830	2.421	1.725	1.124	0.6089	0.7417	80- 90	4.084	505.0	97.2,97.2
100	1.774	1.887	2.005	1.960	0.8295	0.8117	0.8340	0.8845	90-100	1.453	506.5	97.4,97.4
110	2.040	2.209	2.302	2.141	1.146	1.128	1.166	1.287	100-110	1.606	508.1	97.8,97.8
120	2.497	2.726	2.775	2.463	1.553	1.535	1.578	1.767	110-120	1.873	510.0	98.1,98.1
130	3.090	3.322	3.323	2.920	2.036	2.015	2.085	2.337	120-130	2.125	512.1	98.5,98.5
140	3.643	3.789	3.800	3.443	2.629	2.583	2.653	2.887	130-140	2.252	514.3	99,99
150	3.910	4.003	4.081	3.910	3.187	3.196	3.236	3.355	140-150	2.134	516.5	99.4,99.4
160	3.980	4.043	4.257	4.244	3.649	3.714	3.739	3.764	150-160	1.743	518.2	99.7,99.7
170	4.061	4.194	4.392	4.440	4.026	4.093	4.141	4.154	160-170	1.149	519.4	99.9,99.9
180	4.146	4.269	4.382	4.458	4.146	4.272	4.367	4.443	170-180	0.4060	519.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	20018	22942
80	18794	23117
75	19910	25250
70	22433	27736
65	25783	30366
60	29335	33676
55	33635	38433
50	39636	45940
45	49587	58346

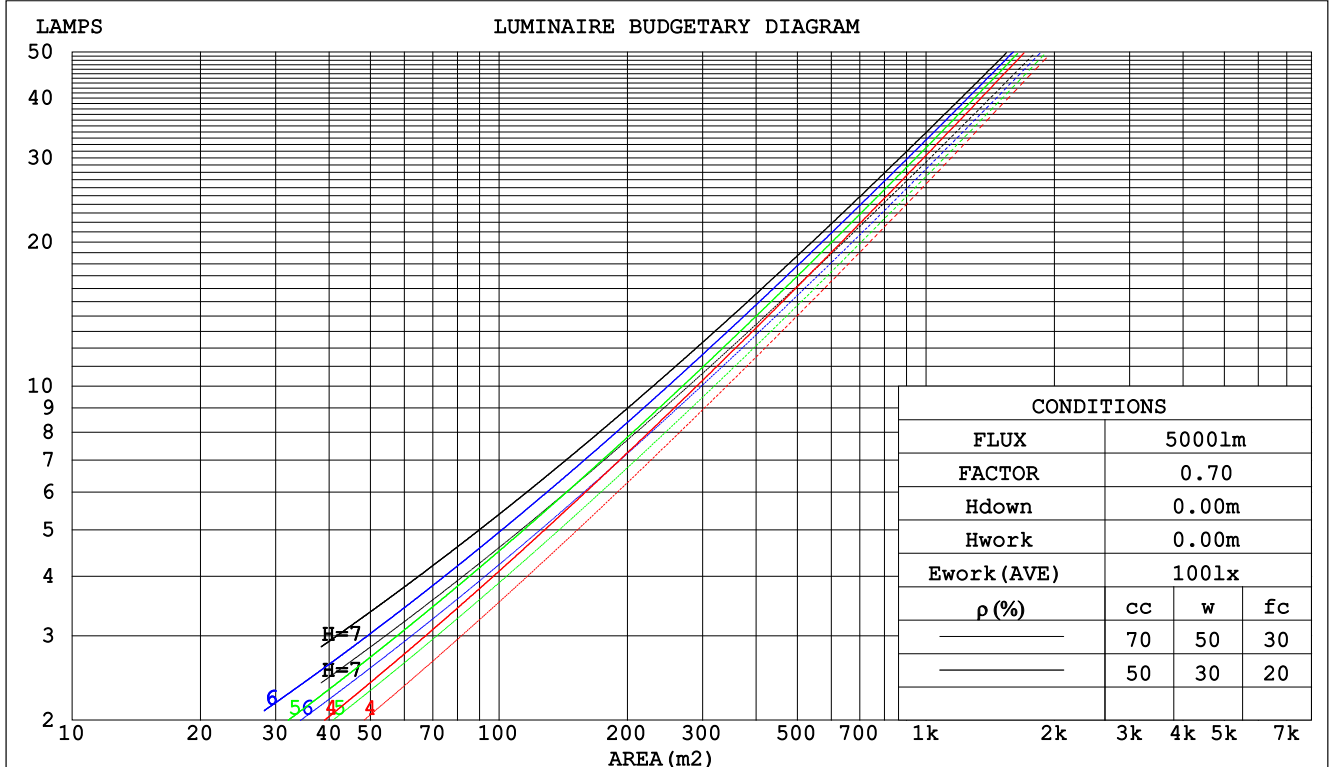
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

$\gamma$  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:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	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	.91	.89	.87
2.0	.97	.92	.88	.95	.91	.87	.91	.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	.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	.51	.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:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	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	.154	.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	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.197	.179	.162	.168	.153	.140	.115	.105	.097	.066	.061	.056	.021	.020	.018	
2.0	.185	.154	.129	.158	.133	.111	.108	.092	.078	.062	.053	.045	.020	.017	.015	
3.0	.174	.136	.105	.149	.117	.091	.103	.081	.064	.059	.048	.038	.019	.015	.012	
4.0	.166	.122	.089	.142	.105	.077	.098	.073	.054	.056	.043	.032	.018	.014	.011	
5.0	.158	.111	.076	.135	.096	.066	.093	.067	.047	.054	.039	.028	.017	.013	.009	
6.0	.151	.102	.067	.129	.088	.059	.089	.062	.041	.052	.036	.025	.017	.012	.008	
7.0	.144	.095	.060	.124	.082	.053	.086	.058	.037	.050	.034	.022	.016	.011	.007	
8.0	.138	.089	.055	.119	.077	.048	.082	.054	.034	.048	.032	.020	.016	.010	.007	
9.0	.133	.084	.051	.115	.073	.044	.079	.051	.032	.046	.030	.019	.015	.010	.006	
10.0	.128	.080	.048	.110	.069	.041	.077	.049	.029	.045	.029	.018	.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:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm											
NAME: SFW20-24V-3535-24-RGB-60-G						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	22.8	24.0	23.1	24.2	24.5	23.3	24.5	23.6	24.7	25.0	
	23.6	24.6	23.9	24.9	25.2	24.2	25.2	24.5	25.5	25.8	
	23.8	24.9	24.2	25.1	25.4	24.5	25.5	24.9	25.8	26.1	
	24.1	25.0	24.4	25.3	25.6	24.8	25.8	25.2	26.1	26.4	
	24.1	25.0	24.5	25.4	25.7	24.9	25.8	25.3	26.1	26.5	
	24.2	25.1	24.6	25.4	25.7	25.0	25.8	25.4	26.2	26.5	
4H	2H	23.2	24.2	23.5	24.5	24.8	23.6	24.6	23.9	24.9	25.2
	3H	24.1	25.0	24.5	25.3	25.6	24.6	25.5	25.0	25.8	26.2
	4H	24.5	25.3	24.9	25.6	26.0	25.1	25.9	25.5	26.3	26.6
	6H	24.8	25.5	25.2	25.9	26.3	25.5	26.2	25.9	26.6	27.0
	8H	24.9	25.6	25.4	26.0	26.4	25.6	26.3	26.1	26.7	27.1
	12H	25.1	25.6	25.5	26.1	26.5	25.8	26.4	26.2	26.8	27.2
8H	4H	24.6	25.3	25.1	25.7	26.1	25.2	25.9	25.7	26.3	26.7
	6H	25.1	25.6	25.6	26.1	26.6	25.7	26.3	26.2	26.7	27.2
	8H	25.3	25.8	25.8	26.3	26.8	26.0	26.4	26.5	26.9	27.4
	12H	25.5	25.9	26.0	26.4	26.9	26.2	26.6	26.7	27.1	27.6
12H	4H	24.6	25.2	25.1	25.7	26.1	25.2	25.8	25.7	26.2	26.7
	6H	25.1	25.6	25.6	26.1	26.6	25.7	26.2	26.2	26.7	27.2
	8H	25.4	25.8	25.9	26.3	26.8	26.0	26.4	26.5	26.9	27.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6					
1.5H	+ 0.6 / - 0.5					+ 0.7 / - 0.3					
2.0H	+ 0.8 / - 0.7					+ 0.9 / - 0.5					

CIE Pub.117 Corrected 519.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.3)

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:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

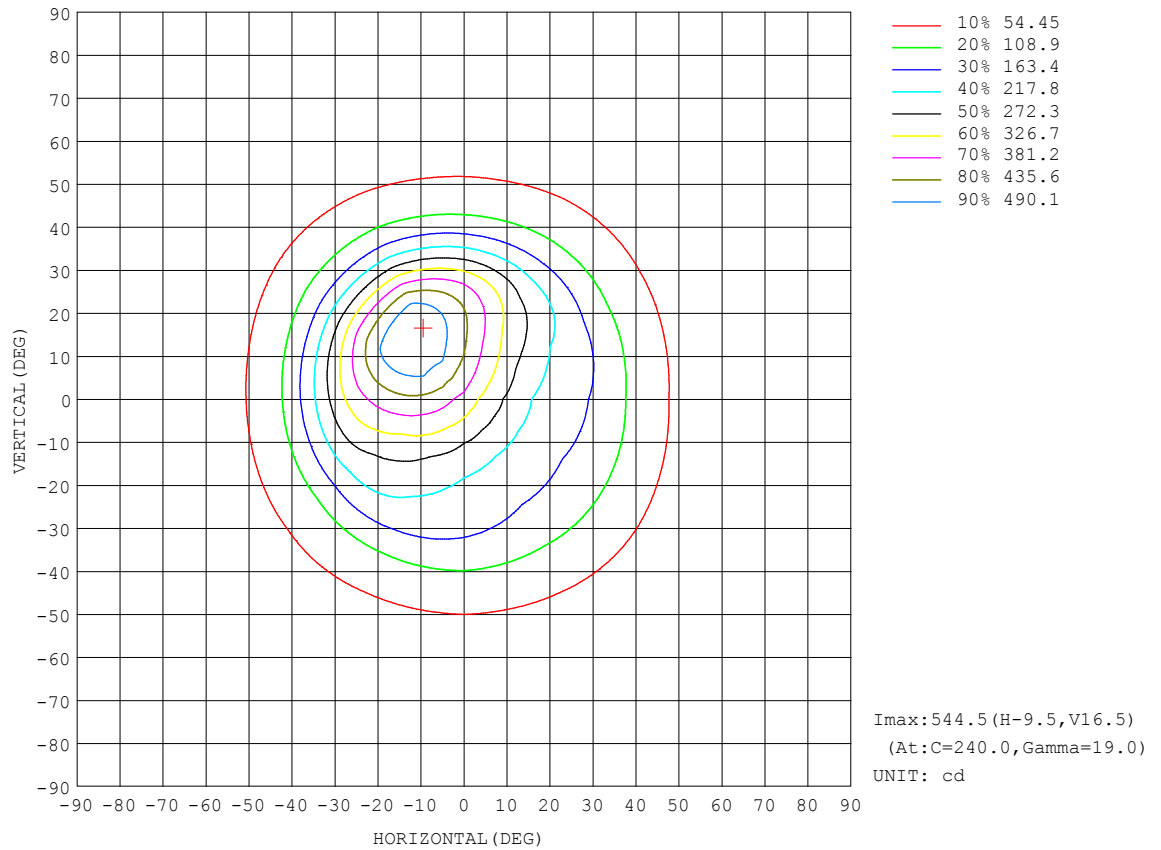
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	65	59	73	64	59	71	64	59	54
0.80	82	74	68	81	73	68	79	72	68	62
1.00	88	81	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	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	103	107	104	101	103	100	98	89
5.00	112	108	105	109	106	104	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:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

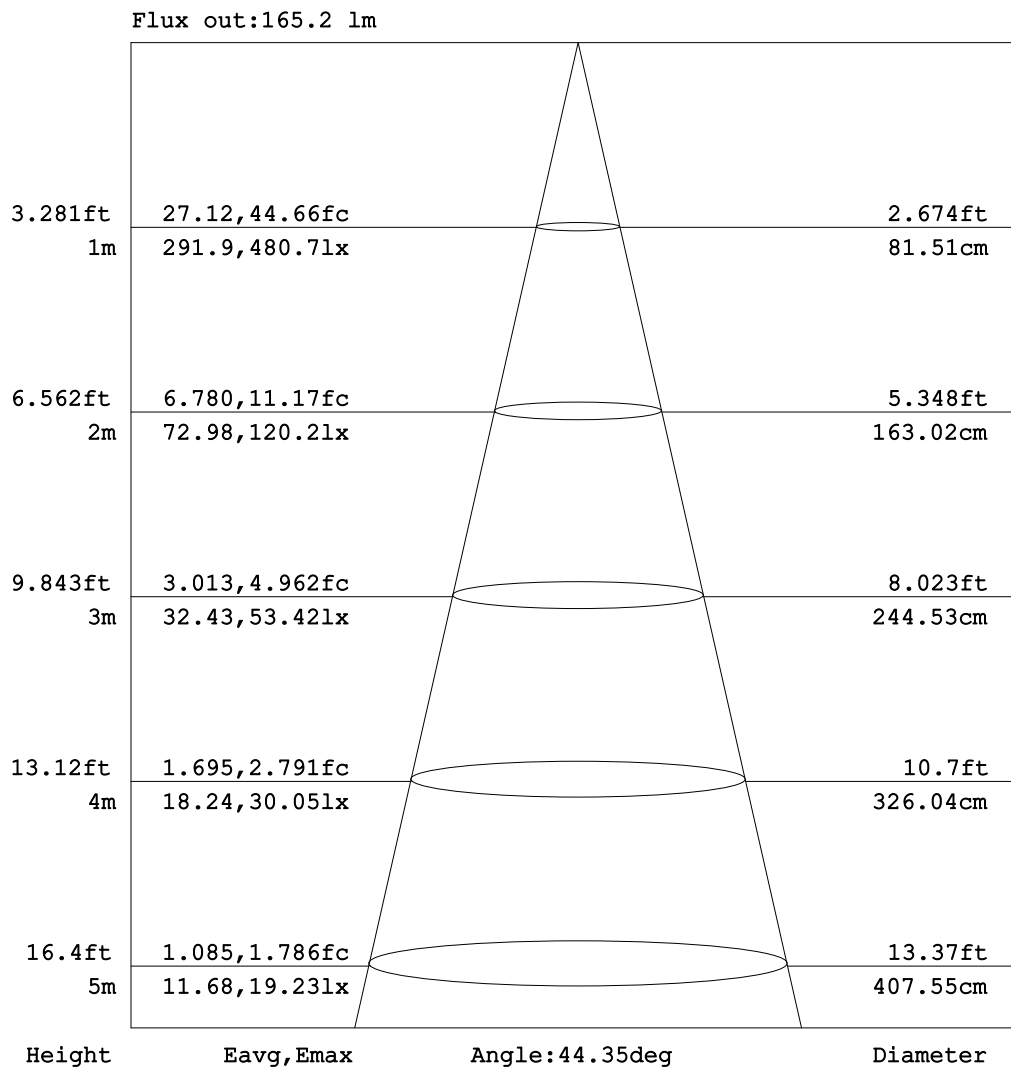


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-03-30

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:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	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.

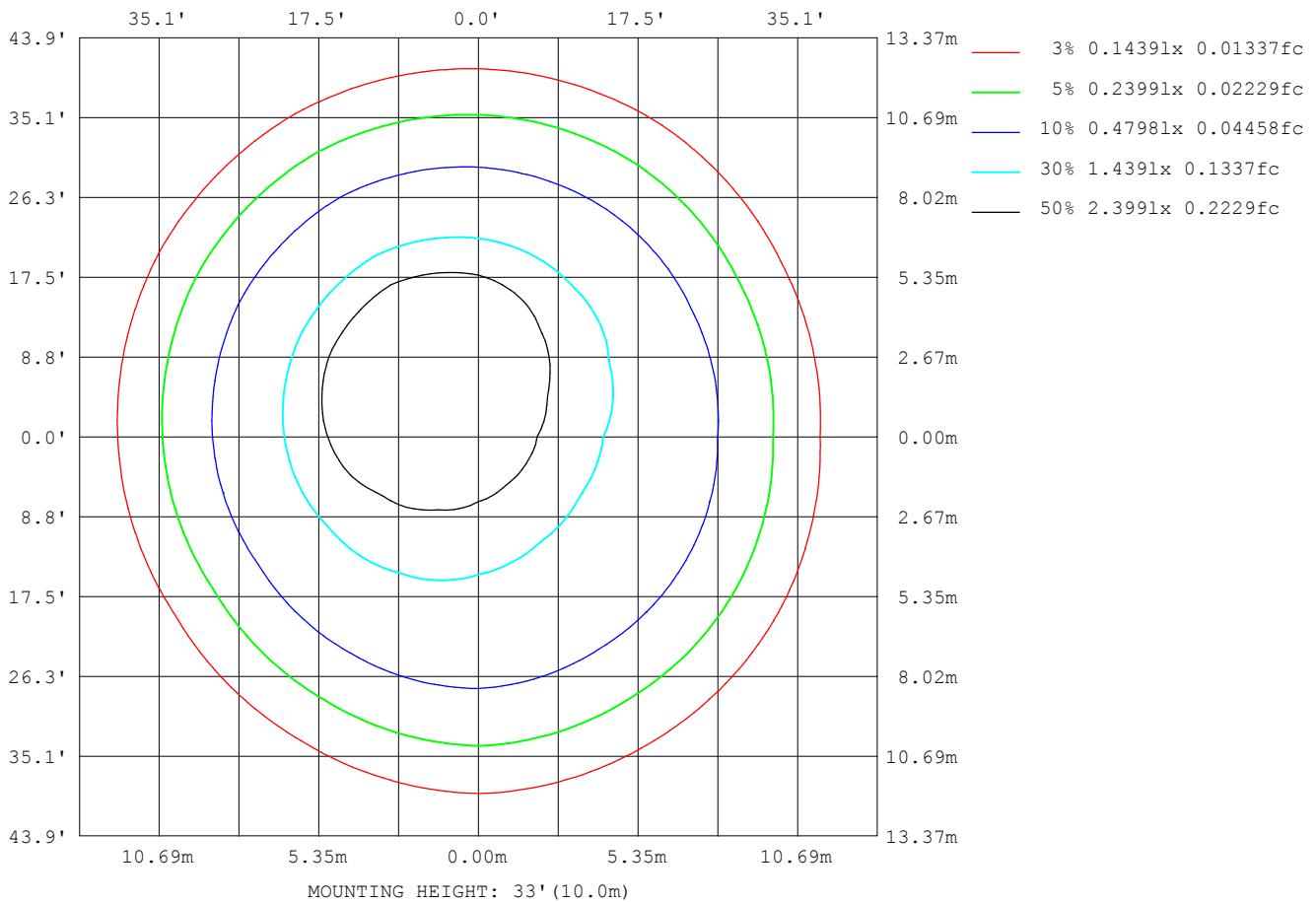
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-03-30

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

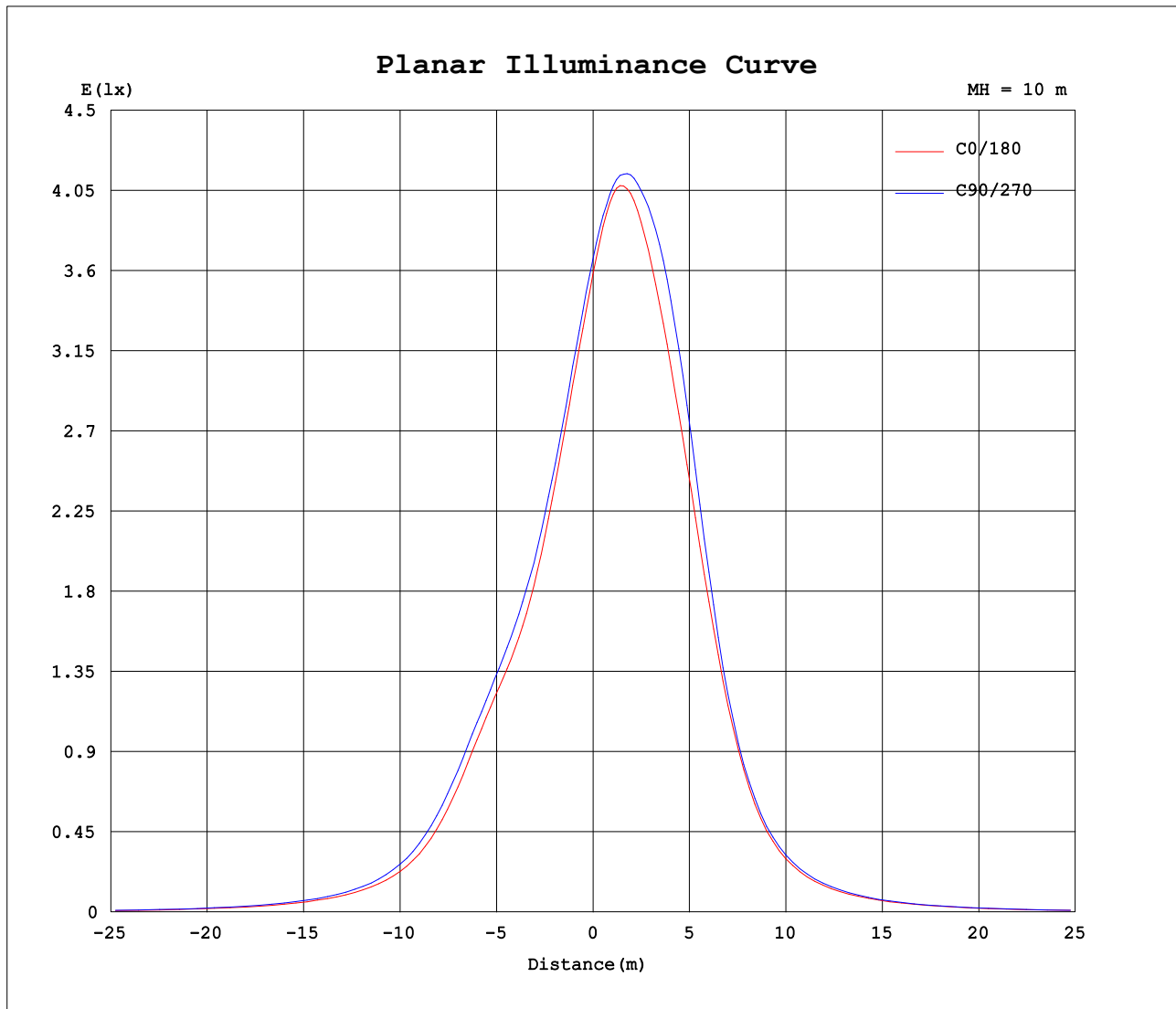
Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:



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:0.2750A P:6.600W PF:1.000 Lamp Flux:519.78x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-G	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	358	363	364	366	365	363	358	363	364	366	365	363							
5	310	304	305	320	342	373	403	428	429	407	371	336							
10	264	255	257	275	310	362	425	484	489	434	360	301							
15	223	215	219	237	274	334	421	516	533	445	339	265							
20	194	185	191	210	244	301	398	513	543	441	317	234							
25	176	167	172	192	221	269	357	459	495	405	287	211							
30	159	153	155	173	195	230	292	359	385	322	239	184							
35	128	128	131	145	154	172	211	246	259	222	179	145							
40	92.4	95.4	98.5	108	108	113	135	156	160	142	123	103							
45	64.9	68.1	70.7	76.3	73.0	74.0	84.8	95.9	98.4	91.0	82.7	71.6							
50	47.1	50.2	51.6	54.6	52.1	52.1	57.1	62.4	64.1	61.5	57.6	50.8							
55	35.7	38.0	39.1	40.8	39.1	38.9	41.2	43.4	44.7	43.9	41.7	37.3							
60	27.1	29.2	29.9	31.1	29.9	29.8	30.8	31.6	32.5	32.5	30.8	27.6							
65	20.2	21.8	22.7	23.7	22.8	22.7	22.9	23.3	23.8	24.0	22.6	20.2							
70	14.2	15.6	16.7	17.5	16.9	16.7	16.5	16.6	17.1	17.1	15.8	14.0							
75	9.53	10.5	11.3	12.1	11.7	11.8	11.3	11.1	11.4	11.3	10.3	9.03							
80	6.04	6.55	6.93	7.43	7.59	7.94	7.36	7.05	6.97	6.43	6.02	5.33							
85	3.23	3.62	3.75	3.70	4.43	5.01	4.25	3.92	3.46	2.46	2.56	2.36							
90	1.82	1.81	1.86	1.83	2.20	2.64	1.72	1.38	0.87	0.61	0.70	0.78							
95	1.74	1.80	1.82	1.91	1.91	1.93	0.73	0.71	0.72	0.68	0.76	0.73							
100	1.77	1.87	1.90	2.01	1.94	1.98	0.83	0.78	0.84	0.83	0.89	0.87							
105	1.88	2.00	2.06	2.13	2.04	2.04	0.98	0.92	1.00	0.99	1.07	1.08							
110	2.04	2.18	2.24	2.30	2.16	2.13	1.15	1.09	1.17	1.17	1.27	1.31							
115	2.24	2.42	2.48	2.52	2.33	2.23	1.34	1.28	1.37	1.37	1.49	1.56							
120	2.50	2.70	2.75	2.77	2.54	2.38	1.55	1.49	1.58	1.58	1.71	1.82							
125	2.78	3.00	3.05	3.05	2.78	2.56	1.78	1.72	1.80	1.82	1.98	2.12							
130	3.09	3.31	3.34	3.32	3.05	2.79	2.04	1.97	2.06	2.09	2.26	2.42							
135	3.38	3.58	3.58	3.58	3.34	3.05	2.33	2.25	2.34	2.38	2.55	2.69							
140	3.64	3.80	3.77	3.80	3.57	3.31	2.63	2.54	2.62	2.65	2.83	2.95							
145	3.81	3.96	3.90	3.96	3.81	3.58	2.92	2.85	2.93	2.94	3.09	3.19							
150	3.91	4.02	3.99	4.08	3.99	3.83	3.19	3.17	3.23	3.24	3.33	3.38							
155	3.97	4.02	4.02	4.17	4.14	4.06	3.43	3.43	3.51	3.49	3.56	3.57							
160	3.98	4.03	4.06	4.26	4.25	4.24	3.65	3.67	3.76	3.74	3.78	3.74							
165	3.99	4.07	4.14	4.33	4.34	4.40	3.85	3.89	3.98	3.96	3.99	3.96							
170	4.06	4.16	4.23	4.39	4.40	4.48	4.03	4.05	4.14	4.14	4.17	4.14							
175	4.10	4.23	4.30	4.39	4.46	4.48	4.13	4.15	4.27	4.25	4.32	4.32							
180	4.15	4.23	4.31	4.38	4.45	4.47	4.15	4.22	4.32	4.37	4.41	4.48							

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	357.9	363.2	363.6	366.1	364.9	362.8	357.9	363.2	363.6	366.1
3.0	328.9	325.8	327.3	338.9	352.9	371.6	386.5	403.0	402.5	392.6
6.0	300.7	293.5	294.8	311.5	336.2	372.5	409.7	440.8	441.6	414.5
9.0	272.8	263.8	265.4	283.4	316.8	365.8	423.0	475.4	478.0	429.8
12.0	246.8	237.3	240.3	259.1	295.0	352.2	426.6	500.5	509.2	440.0
15.0	223.3	215.0	218.7	237.4	273.8	334.0	421.5	515.8	533.1	444.7
18.0	203.9	195.0	200.7	219.3	255.1	313.7	409.5	518.8	544.7	445.1
21.0	189.3	180.6	186.6	205.5	239.0	293.6	391.8	506.4	538.7	436.5
24.0	179.3	170.0	175.2	195.0	225.1	275.3	366.9	474.9	510.0	414.7
27.0	170.4	162.2	165.9	185.0	211.9	254.4	334.3	422.6	456.6	376.9
30.0	158.5	153.0	155.4	173.3	195.0	229.8	292.1	359.2	385.5	322.5
33.0	141.9	139.6	142.0	158.3	172.3	197.0	244.9	291.4	308.8	261.1
36.0	120.9	121.7	124.7	137.9	144.7	159.1	194.9	225.9	236.6	204.1
39.0	99.09	101.7	105.0	115.1	116.3	123.6	148.8	170.3	176.9	155.6
42.0	79.98	83.63	86.22	94.08	91.98	94.96	111.6	127.1	131.2	117.5
45.0	64.87	68.15	70.69	76.33	73.03	74.04	84.77	95.89	98.42	90.95
48.0	53.32	56.35	58.30	62.12	59.23	59.49	66.21	73.46	75.49	71.41
51.0	44.56	47.37	48.63	51.46	49.01	48.98	53.19	57.64	59.36	57.31
54.0	37.68	40.12	41.19	43.01	41.27	41.12	43.74	46.57	47.75	47.01
57.0	32.00	34.24	35.08	36.63	35.03	35.06	36.53	38.21	39.15	38.90
60.0	27.13	29.22	29.94	31.15	29.95	29.78	30.75	31.62	32.48	32.47
63.0	22.84	24.60	25.44	26.46	25.50	25.49	25.82	26.38	27.01	27.15
66.0	18.90	20.47	21.44	22.41	21.56	21.36	21.51	21.82	22.40	22.50
69.0	15.29	16.78	17.80	18.75	17.98	17.87	17.62	17.76	18.36	18.36
72.0	12.17	13.29	14.46	15.31	14.74	14.61	14.18	14.24	14.65	14.66
75.0	9.533	10.46	11.30	12.09	11.74	11.82	11.26	11.08	11.45	11.29
78.0	7.320	7.965	8.503	9.225	9.116	9.352	8.812	8.510	8.635	8.235
81.0	5.409	5.905	6.214	6.622	6.868	7.292	6.682	6.368	6.218	5.575
84.0	3.736	4.131	4.289	4.252	4.983	5.528	4.813	4.474	4.098	3.154
87.0	2.377	2.666	2.745	2.786	3.433	3.997	3.191	2.799	2.241	1.281
90.0	1.815	1.814	1.856	1.830	2.200	2.641	1.725	1.375	0.8725	0.6089
93.0	1.749	1.784	1.819	1.875	1.915	1.925	0.8182	0.7394	0.6937	0.6281
96.0	1.744	1.809	1.824	1.930	1.915	1.935	0.7390	0.7137	0.7490	0.7133
99.0	1.759	1.855	1.884	1.980	1.925	1.965	0.8044	0.7685	0.8195	0.7988
102.0	1.809	1.925	1.960	2.051	1.965	1.995	0.8898	0.8440	0.9050	0.8993
105.0	1.879	2.001	2.055	2.131	2.035	2.036	0.9754	0.9245	0.9955	0.9898
108.0	1.965	2.106	2.151	2.237	2.110	2.086	1.071	1.015	1.096	1.100
111.0	2.070	2.227	2.276	2.342	2.201	2.141	1.181	1.125	1.207	1.216
114.0	2.201	2.368	2.427	2.473	2.291	2.211	1.297	1.236	1.322	1.331
117.0	2.341	2.518	2.592	2.624	2.407	2.292	1.423	1.362	1.448	1.457
120.0	2.497	2.699	2.754	2.775	2.543	2.382	1.553	1.487	1.583	1.578
123.0	2.678	2.870	2.929	2.940	2.698	2.488	1.674	1.633	1.699	1.728
126.0	2.844	3.071	3.105	3.106	2.844	2.614	1.830	1.759	1.855	1.884
129.0	3.030	3.242	3.271	3.267	3.010	2.745	1.986	1.914	2.006	2.040
132.0	3.206	3.423	3.432	3.428	3.160	2.890	2.157	2.080	2.172	2.201
135.0	3.377	3.584	3.578	3.579	3.336	3.046	2.333	2.246	2.338	2.377
138.0	3.533	3.724	3.699	3.709	3.482	3.207	2.509	2.427	2.504	2.543
141.0	3.673	3.845	3.814	3.835	3.618	3.363	2.685	2.603	2.690	2.718
144.0	3.789	3.930	3.885	3.935	3.754	3.528	2.865	2.784	2.870	2.884
147.0	3.865	3.996	3.960	4.021	3.879	3.689	3.031	2.970	3.051	3.055
150.0	3.910	4.021	3.985	4.081	3.990	3.830	3.187	3.166	3.227	3.236
153.0	3.955	4.021	4.000	4.146	4.081	3.971	3.338	3.316	3.398	3.392
156.0	3.975	4.021	4.021	4.187	4.156	4.096	3.473	3.487	3.564	3.543
159.0	3.985	4.021	4.061	4.242	4.222	4.207	3.609	3.623	3.715	3.689
162.0	3.980	4.041	4.091	4.277	4.317	4.307	3.735	3.754	3.850	3.834
165.0	3.985	4.066	4.136	4.332	4.342	4.398	3.850	3.889	3.976	3.960
168.0	4.020	4.116	4.196	4.367	4.382	4.473	3.956	3.985	4.081	4.065
171.0	4.061	4.172	4.237	4.392	4.412	4.483	4.041	4.066	4.172	4.151
174.0	4.091	4.227	4.302	4.387	4.458	4.483	4.106	4.136	4.247	4.231
177.0	4.141	4.227	4.312	4.387	4.468	4.483	4.146	4.186	4.317	4.317
180.0	4.146	4.227	4.312	4.382	4.448	4.468	4.146	4.222	4.322	4.367
G/C	300.0	330.0								
0.0	364.9	362.8								
3.0	371.0	347.6								
6.0	370.3	329.2								
9.0	363.0	308.5								
12.0	351.9	285.2								
15.0	338.9	264.8								
18.0	326.2	246.0								
21.0	312.6	228.9								
24.0	294.0	214.8								
27.0	270.3	201.0								
30.0	239.5	183.7								

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:

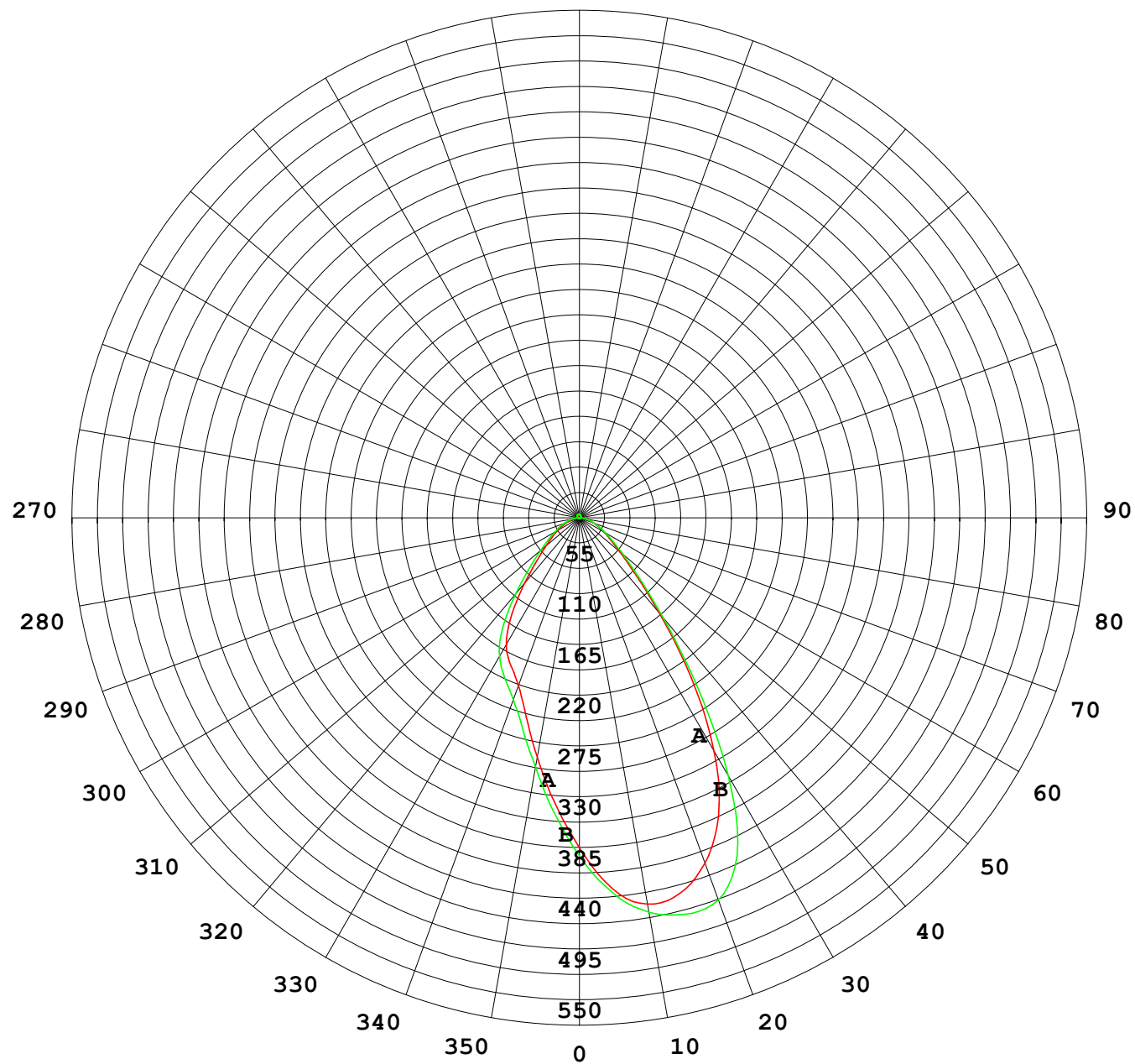
## Photometric Data Table [cd]

33.0	203.6	161.2
36.0	166.6	136.0
39.0	132.6	110.9
42.0	104.6	88.88
45.0	82.70	71.56
48.0	66.21	57.99
51.0	53.82	47.64
54.0	44.39	39.72
57.0	36.91	33.10
60.0	30.84	27.58
63.0	25.66	22.99
66.0	21.14	18.84
69.0	17.08	15.09
72.0	13.46	11.87
75.0	10.35	9.029
78.0	7.615	6.690
81.0	5.274	4.679
84.0	3.194	2.895
87.0	1.509	1.466
90.0	0.7035	0.7799
93.0	0.7238	0.7338
96.0	0.7844	0.7586
99.0	0.8647	0.8390
102.0	0.9603	0.9546
105.0	1.066	1.075
108.0	1.187	1.206
111.0	1.302	1.352
114.0	1.443	1.507
117.0	1.578	1.653
120.0	1.714	1.819
123.0	1.870	2.000
126.0	2.031	2.186
129.0	2.202	2.357
132.0	2.373	2.532
135.0	2.549	2.693
138.0	2.715	2.854
141.0	2.880	3.015
144.0	3.036	3.136
147.0	3.187	3.261
150.0	3.328	3.382
153.0	3.463	3.497
156.0	3.604	3.593
159.0	3.735	3.704
162.0	3.860	3.824
165.0	3.986	3.965
168.0	4.101	4.061
171.0	4.197	4.176
174.0	4.292	4.301
177.0	4.383	4.372
180.0	4.408	4.478

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

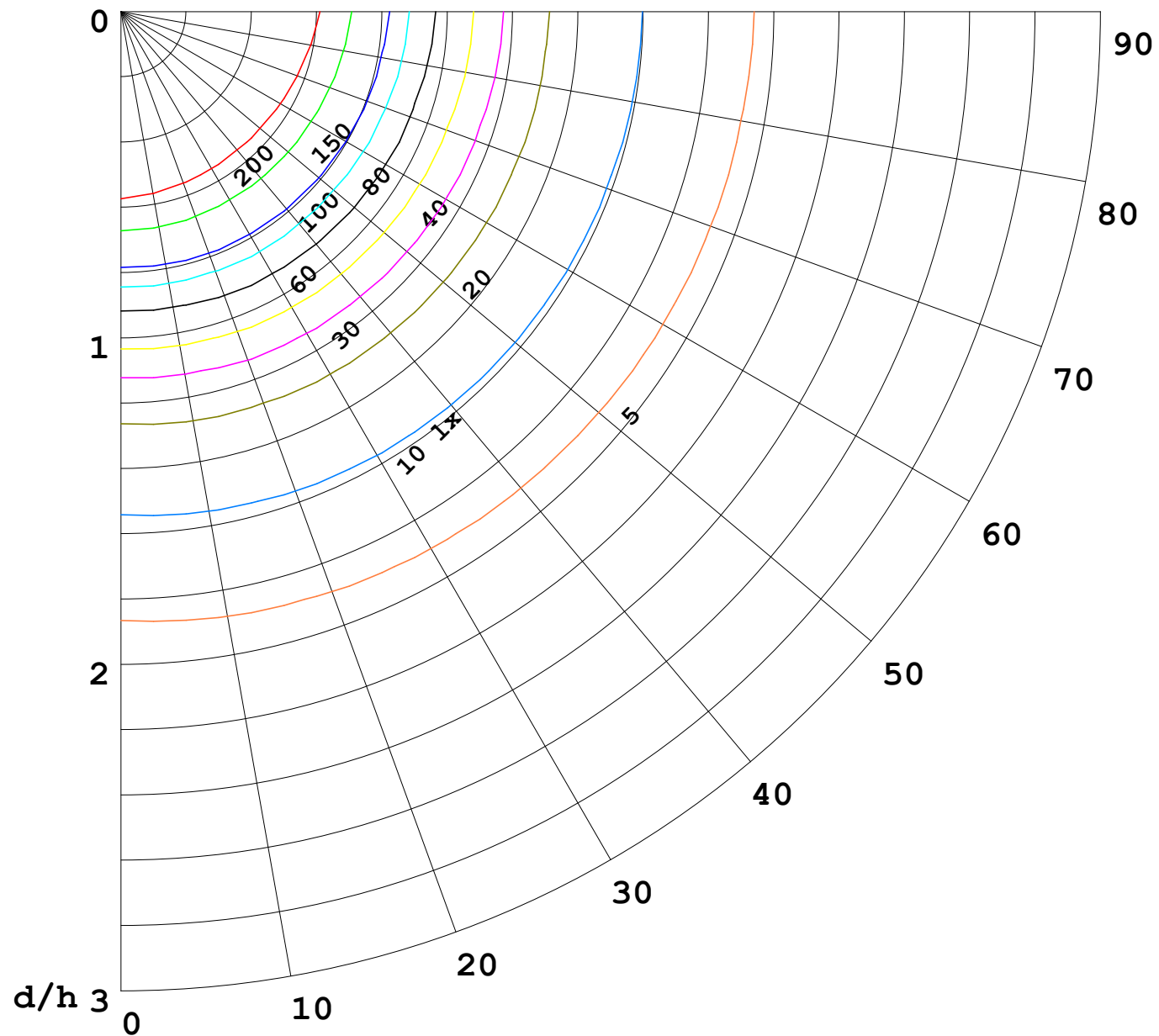
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:9.200m [K=1.0000]  
Remarks:

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

