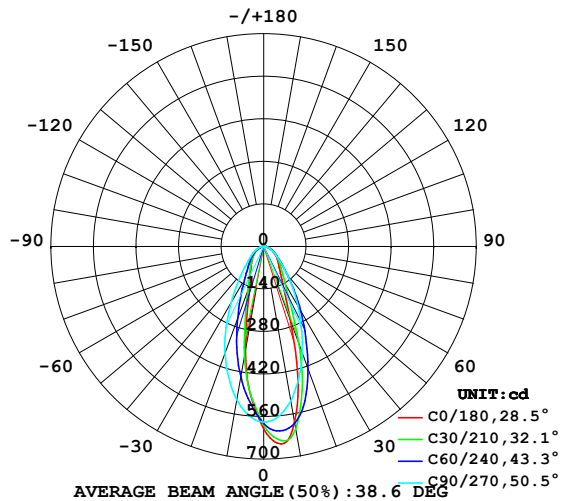


LUMINAIRE PHOTOMETRIC TEST REPORT

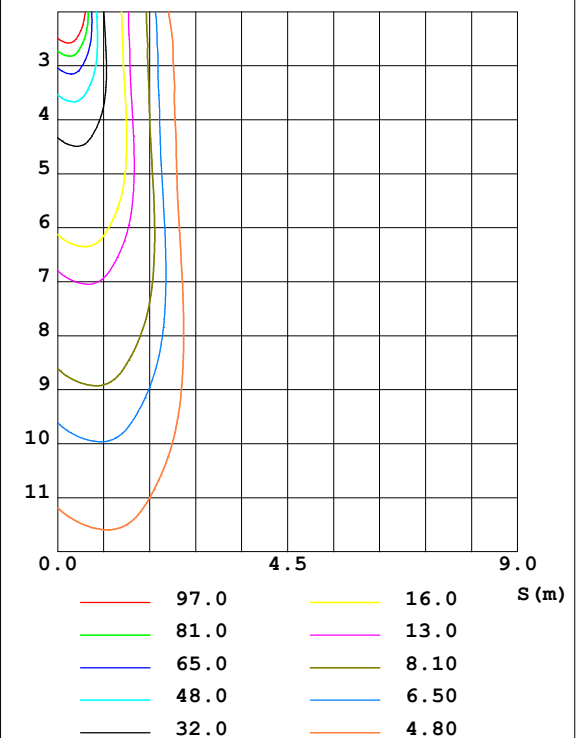
Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403007
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.67 lm/W			
MODEL	3535	I _{max} (cd)	652.8	S/MH (C0/180)	0.60
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.77
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	479.63	η UP, DN (C0-180)	1.6, 50.5
NOMINAL FLUX (lm)	479.627	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 46.6
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	24	η down (%)	97.1	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



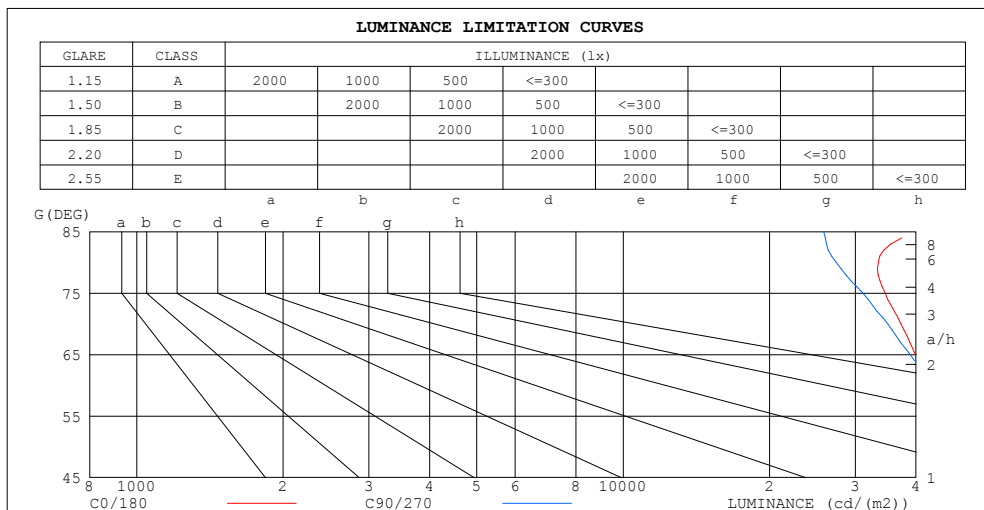
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	587.8	599.9	515.5	395.4	348.4	401.6	512.3	603.5	0- 10	51.81	51.81	10.8,10.8
20	255.7	381.7	371.2	189.6	134.8	202.1	373.2	382.2	10- 20	107.9	159.7	33.3,33.3
30	116.8	193.0	225.5	104.8	85.78	109.6	216.1	178.3	20- 30	95.69	255.4	53.2,53.2
40	77.31	104.6	121.6	70.06	61.14	69.11	108.6	90.64	30- 40	71.35	326.7	68.1,68.1
50	56.75	62.31	63.25	48.88	44.34	47.26	59.17	57.85	40- 50	52.97	379.7	79.2,79.2
60	39.08	40.01	39.90	31.65	28.16	30.37	37.62	39.44	50- 60	39.94	419.6	87.5,87.5
70	23.55	23.91	22.15	16.33	13.35	15.17	20.61	22.97	60- 70	27.11	446.8	93.1,93.1
80	10.75	10.78	8.801	6.271	4.772	5.057	7.377	9.550	70- 80	14.15	460.9	96.1,96.1
90	3.438	3.001	1.824	1.892	0.9144	0.9074	0.7442	1.900	80- 90	4.673	465.6	97.1,97.1
100	1.789	1.844	1.940	1.865	1.036	1.073	0.9846	0.8369	90-100	1.590	467.2	97.4,97.4
110	1.779	1.890	2.071	1.960	1.337	1.432	1.367	1.126	100-110	1.590	468.8	97.7,97.7
120	1.864	2.058	2.332	2.261	1.855	1.912	1.794	1.520	110-120	1.752	470.5	98.1,98.1
130	2.176	2.392	2.719	2.762	2.529	2.483	2.286	2.046	120-130	1.946	472.5	98.5,98.5
140	2.778	2.897	3.152	3.342	3.071	2.983	2.764	2.613	130-140	2.076	474.5	98.9,98.9
150	3.512	3.448	3.538	3.837	3.403	3.367	3.151	3.076	140-150	2.003	476.5	99.4,99.4
160	4.060	3.840	3.800	4.000	3.614	3.631	3.432	3.365	150-160	1.655	478.2	99.7,99.7
170	4.207	3.940	3.955	3.933	3.689	3.792	3.714	3.556	160-170	1.070	479.3	99.9,99.9
180	3.965	3.970	4.000	3.852	3.910	3.965	3.980	3.835	170-180	0.3683	479.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	40326	25853
80	33466	27397
75	34544	31100
70	37221	35006
65	39857	38872
60	42250	43136
55	44781	47157
50	47722	53188
45	50308	66190

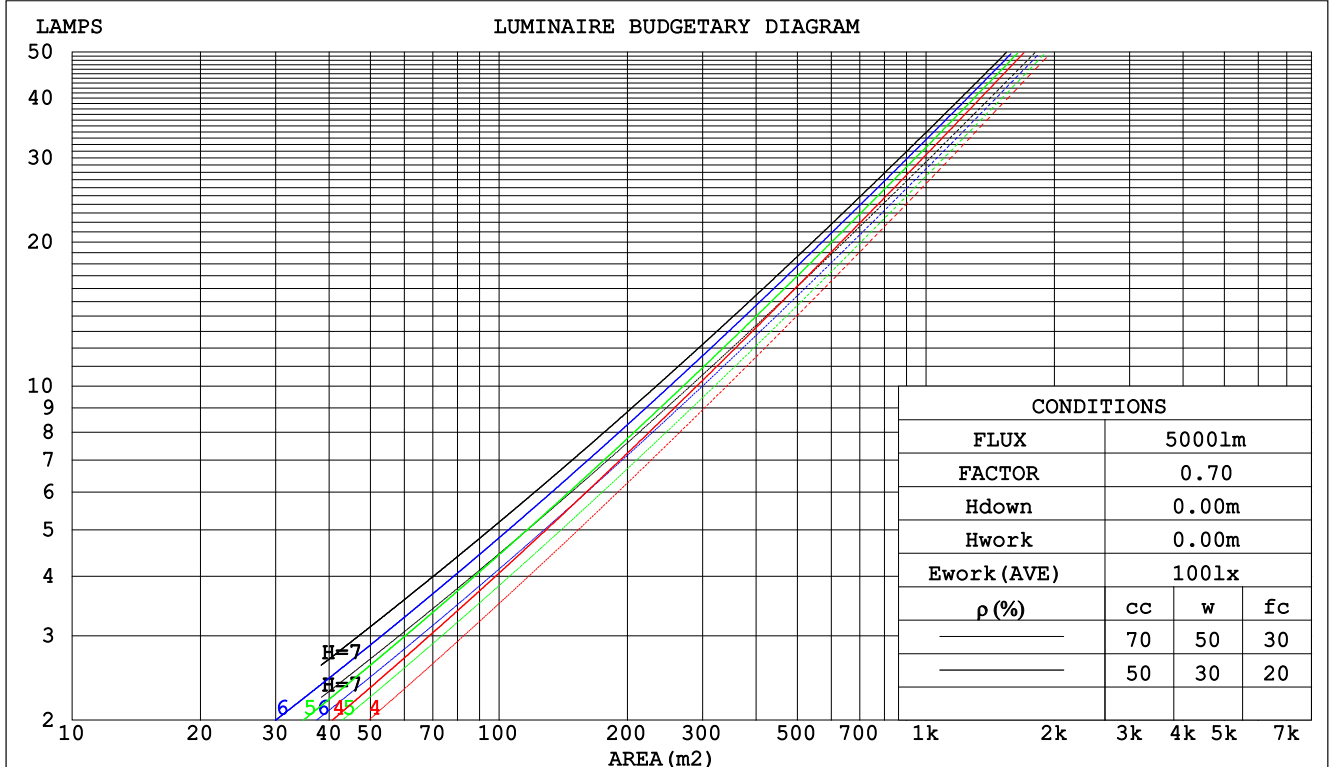
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.07	1.04	1.01	1.05	1.02	.99	.00	.98	.95	.96	.94	.92	.92	.90	.89	.87
2.0	.97	.92	.88	.95	.90	.86	.91	.87	.84	.88	.85	.82	.84	.82	.80	.78
3.0	.89	.82	.77	.87	.81	.77	.84	.79	.75	.81	.77	.73	.78	.75	.72	.70
4.0	.81	.75	.69	.80	.74	.69	.77	.72	.68	.75	.70	.66	.73	.69	.65	.64
5.0	.75	.68	.63	.74	.67	.63	.72	.66	.62	.70	.65	.61	.68	.63	.60	.58
6.0	.70	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.63	.59	.55	.54
7.0	.65	.58	.53	.64	.58	.53	.63	.57	.52	.61	.56	.52	.60	.55	.51	.50
8.0	.61	.54	.49	.60	.54	.49	.59	.53	.49	.58	.52	.48	.56	.52	.48	.46
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.54	.49	.45	.53	.49	.45	.44
10.0	.54	.48	.43	.54	.47	.43	.53	.47	.43	.51	.46	.43	.51	.46	.42	.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:0.2750A P:6.600W PF:1.000 Lamp Flux:479.627x1 lm					
NAME: SFW20-24V-3535-24-RGB-2040-G			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	.233	.133	.042	.226	.129	.041	.211	.121	.039	.198	.114	.037	.185	.108	.035		
2.0	.220	.121	.037	.214	.118	.036	.201	.112	.035	.189	.106	.033	.179	.101	.032		
3.0	.206	.109	.033	.200	.107	.032	.189	.102	.031	.179	.098	.030	.169	.094	.029		
4.0	.192	.100	.029	.187	.098	.029	.177	.094	.028	.168	.090	.027	.160	.087	.026		
5.0	.180	.091	.027	.175	.090	.026	.166	.087	.026	.158	.084	.025	.151	.081	.024		
6.0	.168	.084	.024	.164	.083	.024	.157	.080	.023	.149	.078	.023	.143	.075	.022		
7.0	.158	.078	.022	.155	.077	.022	.148	.075	.022	.141	.072	.021	.135	.070	.021		
8.0	.149	.073	.021	.146	.072	.020	.140	.070	.020	.134	.068	.020	.129	.066	.019		
9.0	.141	.068	.019	.138	.067	.019	.133	.066	.019	.127	.064	.018	.122	.062	.018		
10.0	.134	.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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.198	.179	.163	.169	.154	.140	.116	.106	.097	.067	.061	.056	.021	.020	.018	
2.0	.185	.155	.129	.159	.133	.112	.109	.092	.078	.063	.054	.046	.020	.017	.015	
3.0	.175	.137	.106	.150	.118	.092	.103	.082	.065	.059	.048	.038	.019	.016	.012	
4.0	.166	.123	.090	.142	.106	.078	.098	.074	.055	.057	.043	.032	.018	.014	.011	
5.0	.157	.112	.078	.135	.096	.068	.093	.067	.048	.054	.040	.028	.017	.013	.009	
6.0	.150	.103	.069	.129	.089	.060	.089	.062	.042	.052	.037	.025	.017	.012	.008	
7.0	.143	.095	.062	.123	.083	.054	.085	.058	.038	.049	.034	.023	.016	.011	.008	
8.0	.137	.089	.056	.118	.077	.049	.082	.054	.035	.047	.032	.021	.015	.011	.007	
9.0	.131	.084	.052	.113	.073	.046	.078	.051	.032	.046	.030	.019	.015	.010	.006	
10.0	.126	.080	.049	.109	.069	.043	.076	.049	.030	.044	.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:479.627x1 lm											
NAME: SFW20-24V-3535-24-RGB-2040-G						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	24.4	25.5	24.6	25.7	26.0	25.2	26.3	25.5	26.6	26.8	
	3H	25.6	26.7	26.0	26.9	27.2	26.1	27.2	26.4	27.4	
	4H	26.2	27.2	26.5	27.4	27.7	26.5	27.5	26.8	27.8	
	6H	26.6	27.5	26.9	27.8	28.1	26.8	27.7	27.1	28.0	
	8H	26.8	27.7	27.1	28.0	28.3	26.8	27.7	27.2	28.1	
	12H	26.9	27.8	27.3	28.1	28.5	26.9	27.8	27.3	28.1	
4H	2H	24.9	25.9	25.2	26.2	26.5	25.6	26.6	25.9	26.8	
	3H	26.4	27.2	26.7	27.6	27.9	26.7	27.6	27.1	27.9	
	4H	27.0	27.8	27.4	28.2	28.6	27.2	28.0	27.6	28.4	
	6H	27.6	28.3	28.0	28.7	29.1	27.6	28.3	28.0	28.7	
	8H	27.8	28.5	28.3	28.9	29.3	27.7	28.4	28.2	28.8	
	12H	28.0	28.6	28.5	29.1	29.5	27.8	28.4	28.3	28.9	
8H	4H	27.3	27.9	27.7	28.3	28.8	27.4	28.1	27.9	28.5	
	6H	28.0	28.5	28.5	29.0	29.4	28.0	28.5	28.4	29.0	
	8H	28.3	28.8	28.8	29.3	29.8	28.2	28.7	28.7	29.1	
	12H	28.7	29.1	29.2	29.6	30.1	28.4	28.8	28.9	29.3	
12H	4H	27.3	27.9	27.7	28.3	28.7	27.4	28.0	27.9	28.5	
	6H	28.0	28.5	28.5	29.0	29.5	28.0	28.5	28.5	29.0	
	8H	28.4	28.8	28.9	29.3	29.9	28.3	28.7	28.8	29.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.5					
1.5H	+ 0.1 / - 0.3					+ 0.5 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.6 / - 0.4					

CIE Pub.117 Corrected 479.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.6)

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:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

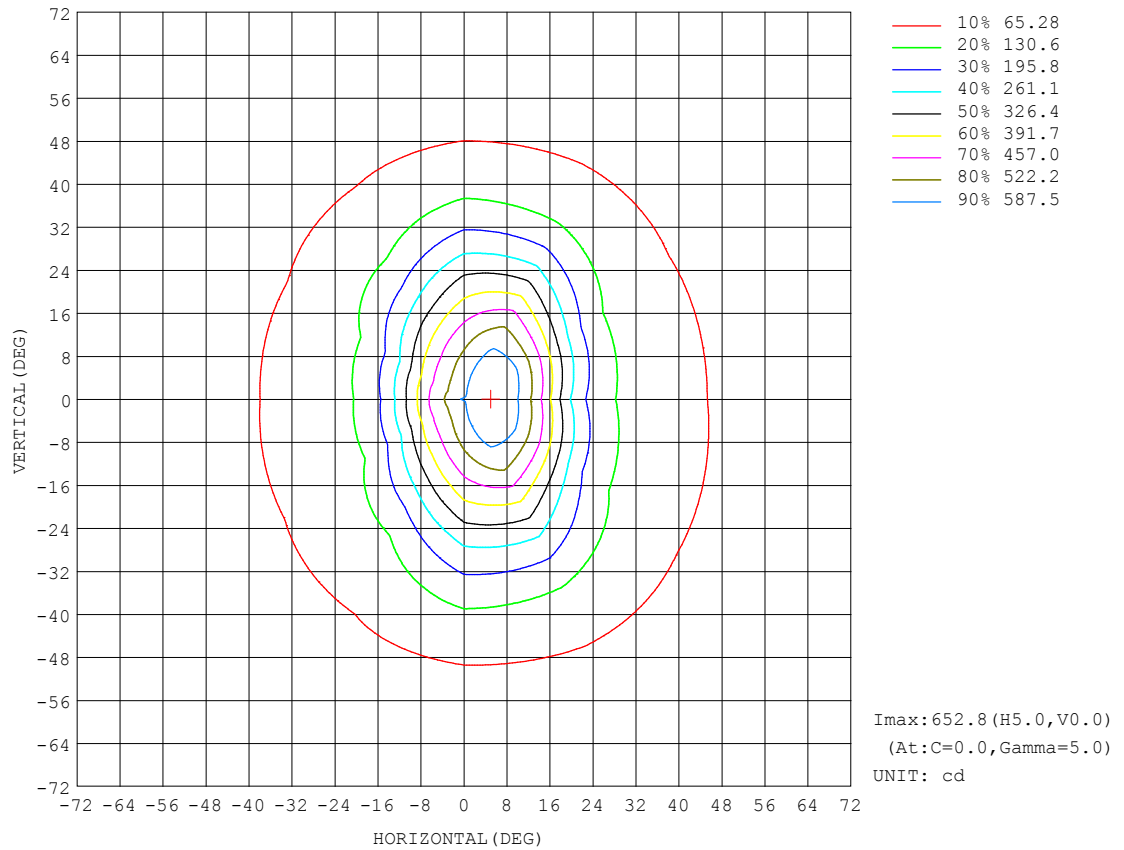
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	58	71	63	57	70	62	57	52
0.80	81	72	66	80	71	66	78	71	66	60
1.00	87	79	73	86	78	73	84	78	72	67
1.25	93	85	79	91	84	79	89	82	78	72
1.50	96	89	84	95	88	83	92	86	82	76
2.00	101	95	90	99	94	89	96	91	87	80
2.50	104	98	94	102	97	93	98	94	90	83
3.00	106	101	97	104	100	96	100	96	93	85
4.00	109	105	102	107	103	100	102	99	97	88
5.00	111	108	105	109	105	103	104	101	99	90
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:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

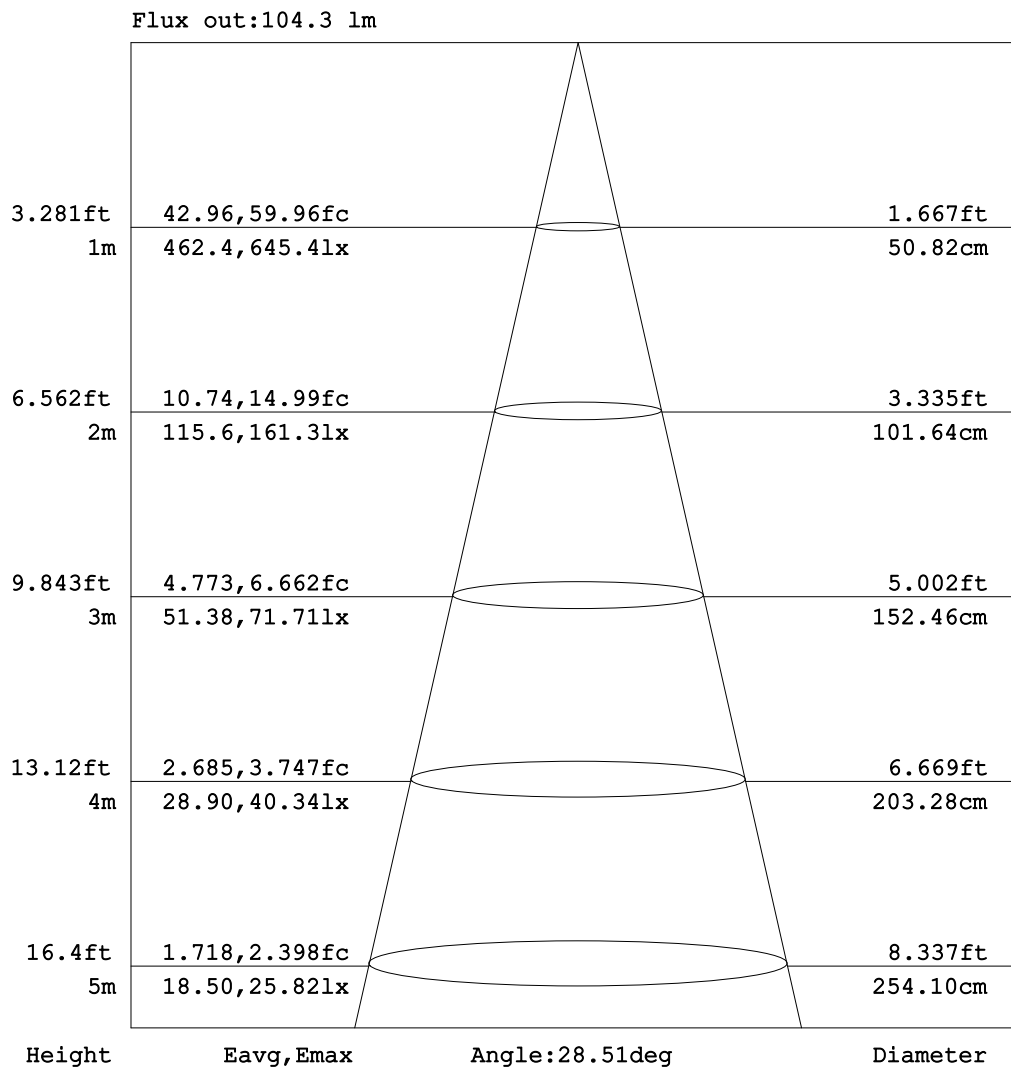


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403007
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:



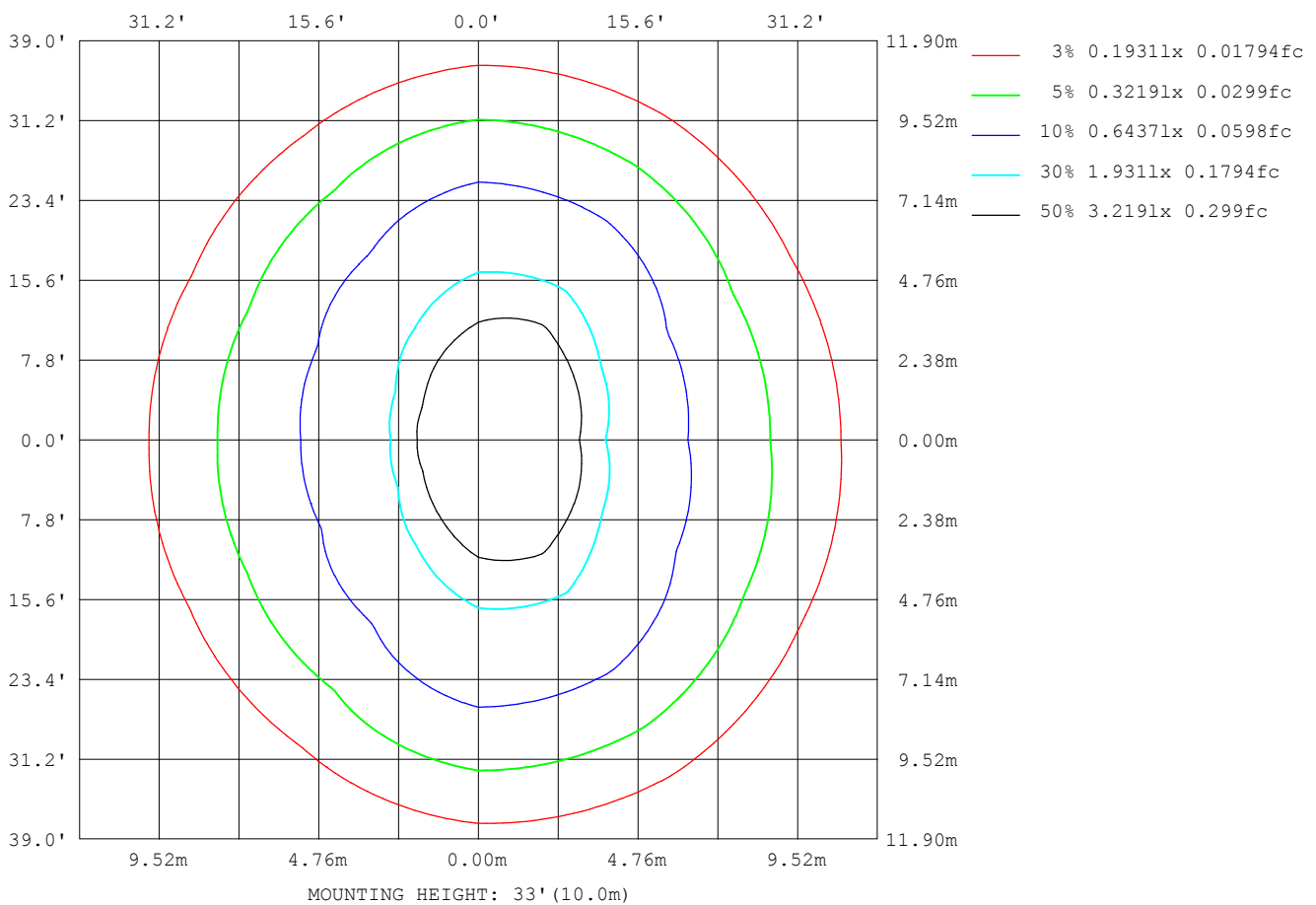
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

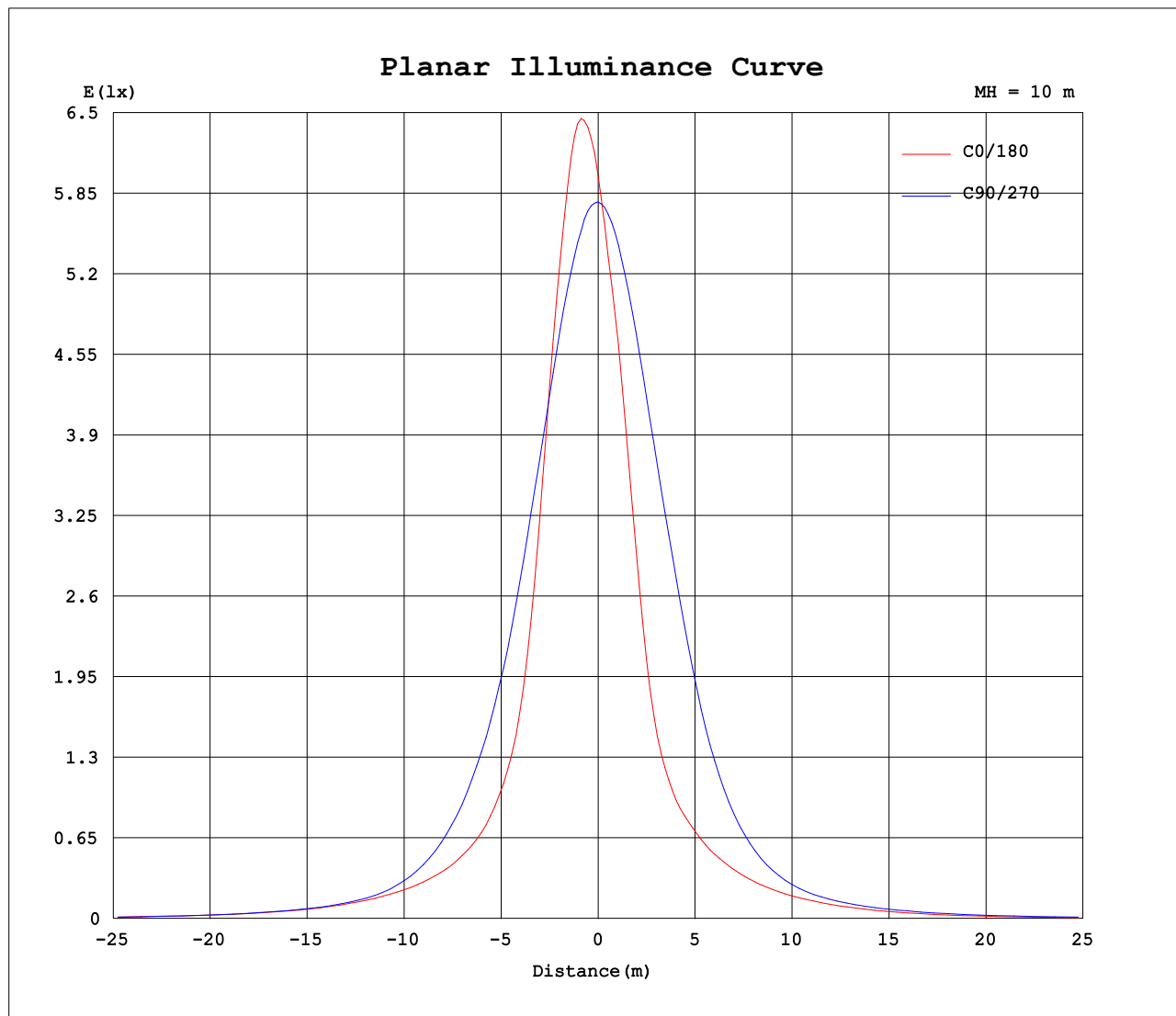
Test:U:24.00V I:0.2750A P:6.600W PF:1.000 Lamp Flux:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403007
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:



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

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:479.627x1 lm		
NAME: SFW20-24V-3535-24-RGB-2040-G	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	600	589	583	578	579	588	600	589	583	578	579	588						
5	653	641	610	561	514	492	494	493	517	560	608	640						
10	588	609	590	516	429	362	348	367	436	512	595	612						
15	434	491	526	448	329	226	205	234	344	447	530	493						
20	256	338	425	371	236	143	135	152	252	373	432	332						
25	161	207	328	292	165	107	105	114	179	294	324	202						
30	117	142	244	226	121	89.0	85.8	91.8	128	216	225	132						
35	92.8	108	173	168	93.4	74.6	72.4	74.3	95.3	154	150	96.9						
40	77.3	87.9	121	122	76.0	64.1	61.1	62.6	75.7	109	103	78.6						
45	65.8	72.3	87.8	86.6	63.0	54.2	52.3	52.7	61.5	78.0	75.6	66.0						
50	56.7	59.3	65.3	63.2	52.1	45.7	44.3	44.3	50.2	59.2	59.5	56.2						
55	47.5	48.5	50.8	50.0	42.4	37.7	36.4	36.3	40.9	47.5	48.7	47.6						
60	39.1	39.7	40.3	39.9	33.4	29.9	28.2	28.5	32.3	37.6	39.5	39.3						
65	31.2	31.6	31.6	30.4	25.2	21.9	20.2	20.7	24.2	28.7	30.8	31.2						
70	23.6	24.3	23.5	22.1	17.8	14.9	13.4	13.6	16.8	20.6	22.6	23.3						
75	16.5	17.2	16.5	14.9	11.5	9.72	8.49	8.39	10.3	13.4	15.5	15.9						
80	10.8	11.2	10.4	8.80	6.66	5.88	4.77	4.62	5.49	7.38	9.33	9.77						
85	6.50	6.68	5.68	4.17	3.19	2.96	1.95	1.81	2.16	2.71	4.65	5.29						
90	3.44	3.41	2.59	1.82	1.89	1.89	0.91	0.93	0.89	0.74	1.55	2.25						
95	1.89	1.83	1.87	1.88	1.87	1.84	0.94	0.91	0.98	0.81	0.79	0.79						
100	1.79	1.81	1.87	1.94	1.87	1.86	1.04	1.02	1.12	0.98	0.90	0.77						
105	1.78	1.82	1.88	2.00	1.89	1.87	1.17	1.18	1.29	1.17	1.06	0.87						
110	1.78	1.86	1.92	2.07	1.97	1.95	1.34	1.38	1.49	1.37	1.24	1.01						
115	1.79	1.90	2.01	2.19	2.12	2.06	1.56	1.60	1.70	1.56	1.44	1.18						
120	1.86	2.00	2.12	2.33	2.29	2.24	1.86	1.88	1.95	1.79	1.65	1.39						
125	1.97	2.12	2.28	2.51	2.51	2.47	2.20	2.19	2.21	2.04	1.90	1.64						
130	2.18	2.31	2.48	2.72	2.76	2.76	2.53	2.49	2.47	2.29	2.16	1.93						
135	2.44	2.54	2.71	2.93	3.01	3.09	2.83	2.76	2.72	2.53	2.43	2.23						
140	2.78	2.84	2.96	3.15	3.28	3.41	3.07	3.00	2.96	2.76	2.68	2.54						
145	3.16	3.16	3.20	3.36	3.52	3.70	3.26	3.21	3.18	2.96	2.92	2.81						
150	3.51	3.47	3.43	3.54	3.73	3.95	3.40	3.37	3.36	3.15	3.12	3.03						
155	3.82	3.74	3.61	3.69	3.85	4.09	3.52	3.51	3.51	3.30	3.27	3.21						
160	4.06	3.94	3.74	3.80	3.91	4.09	3.61	3.62	3.64	3.43	3.40	3.33						
165	4.17	3.99	3.83	3.88	3.95	4.06	3.65	3.69	3.74	3.57	3.50	3.41						
170	4.21	3.99	3.89	3.96	3.95	3.92	3.69	3.74	3.84	3.71	3.61	3.50						
175	4.10	3.96	3.97	4.00	3.95	3.81	3.76	3.81	3.95	3.84	3.76	3.57						
180	3.97	3.95	3.99	4.00	3.94	3.77	3.91	3.93	4.00	3.98	3.93	3.74						

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	600.3	589.4	582.7	578.1	578.8	588.5	600.3	589.4	582.7	578.1
3.0	640.9	627.6	605.5	573.2	542.7	530.0	536.0	528.5	545.3	570.4
6.0	651.9	643.4	608.8	554.4	498.5	471.5	470.4	470.6	501.8	552.3
9.0	610.8	625.5	598.1	526.5	447.9	389.9	380.3	393.7	452.7	523.9
12.0	535.2	566.3	569.8	489.3	389.9	303.2	285.6	308.0	400.2	487.6
15.0	434.2	491.3	526.2	447.9	329.3	225.6	205.5	234.5	343.5	446.6
18.0	320.0	400.1	467.9	403.6	270.8	168.0	155.1	177.5	286.5	402.5
21.0	229.9	307.1	405.4	355.1	219.9	133.7	126.5	141.2	235.0	358.5
24.0	173.9	228.4	346.5	308.5	177.2	111.9	109.2	119.3	191.2	310.5
27.0	140.8	175.1	292.5	265.5	144.5	98.26	96.87	104.2	155.5	261.8
30.0	116.8	141.9	244.0	225.5	120.5	89.00	85.78	91.76	127.5	216.1
33.0	100.7	120.7	199.5	191.0	102.6	80.06	77.41	80.62	106.6	176.7
36.0	88.70	103.5	160.4	158.0	89.35	72.50	69.73	71.79	90.57	143.2
39.0	79.60	91.28	129.7	130.3	79.03	66.08	63.07	64.69	78.97	116.3
42.0	72.72	81.94	106.1	106.5	70.49	60.01	57.48	58.42	69.54	94.78
45.0	65.81	72.27	87.79	86.59	62.97	54.17	52.31	52.72	61.50	77.98
48.0	60.34	63.94	73.31	71.07	56.25	48.90	47.53	47.41	54.43	65.41
51.0	54.84	56.98	61.94	60.08	50.00	44.04	42.75	42.58	48.26	56.49
54.0	49.22	50.52	53.21	52.26	44.18	39.23	37.97	37.78	42.66	49.69
57.0	44.02	44.89	46.25	45.64	38.73	34.50	33.13	33.02	37.46	43.45
60.0	39.08	39.72	40.29	39.90	33.44	29.85	28.16	28.45	32.30	37.62
63.0	34.27	34.66	35.05	34.01	28.42	25.08	23.30	23.82	27.34	32.35
66.0	29.64	30.06	29.94	28.61	23.65	20.40	18.65	19.16	22.61	27.08
69.0	25.04	25.69	25.10	23.70	19.18	16.11	14.52	14.87	18.15	22.22
72.0	20.64	21.53	20.62	19.03	15.11	12.68	11.22	11.41	14.01	17.79
75.0	16.54	17.20	16.49	14.89	11.50	9.718	8.485	8.386	10.28	13.41
78.0	12.85	13.49	12.65	11.04	8.399	7.312	6.149	5.957	7.222	9.770
81.0	9.750	10.10	9.314	7.771	5.863	5.181	4.144	4.060	4.721	6.345
84.0	7.232	7.476	6.494	5.038	3.772	3.443	2.417	2.252	2.722	3.432
87.0	5.124	5.196	4.220	2.750	2.276	2.270	1.300	1.259	1.274	1.658
90.0	3.438	3.414	2.588	1.824	1.890	1.894	0.9144	0.9251	0.8897	0.7442
93.0	2.245	2.149	1.906	1.860	1.870	1.839	0.9048	0.9046	0.9350	0.7588
96.0	1.840	1.814	1.875	1.895	1.870	1.839	0.9551	0.9246	1.005	0.8391
99.0	1.799	1.814	1.875	1.935	1.870	1.855	1.020	0.9949	1.096	0.9346
102.0	1.779	1.824	1.875	1.960	1.870	1.865	1.091	1.085	1.186	1.045
105.0	1.779	1.824	1.885	1.995	1.895	1.875	1.171	1.181	1.292	1.166
108.0	1.779	1.844	1.895	2.041	1.950	1.915	1.262	1.286	1.408	1.276
111.0	1.779	1.865	1.940	2.091	2.005	1.955	1.377	1.412	1.533	1.412
114.0	1.784	1.895	1.985	2.156	2.085	2.031	1.518	1.553	1.654	1.523
117.0	1.804	1.940	2.045	2.242	2.186	2.121	1.669	1.708	1.800	1.658
120.0	1.864	1.995	2.121	2.332	2.286	2.237	1.855	1.879	1.945	1.794
123.0	1.915	2.056	2.211	2.433	2.412	2.368	2.056	2.060	2.101	1.935
126.0	2.005	2.151	2.316	2.548	2.553	2.528	2.267	2.246	2.257	2.085
129.0	2.130	2.262	2.447	2.674	2.698	2.704	2.468	2.447	2.418	2.241
132.0	2.281	2.388	2.568	2.795	2.854	2.890	2.654	2.608	2.574	2.382
135.0	2.437	2.543	2.708	2.930	3.015	3.086	2.830	2.764	2.725	2.528
138.0	2.638	2.714	2.854	3.066	3.171	3.282	2.981	2.920	2.870	2.678
141.0	2.854	2.906	3.010	3.197	3.331	3.473	3.111	3.045	3.006	2.804
144.0	3.085	3.101	3.156	3.322	3.487	3.654	3.227	3.171	3.136	2.930
147.0	3.301	3.287	3.291	3.438	3.603	3.815	3.317	3.272	3.252	3.040
150.0	3.512	3.468	3.427	3.538	3.729	3.946	3.403	3.372	3.363	3.151
153.0	3.713	3.649	3.538	3.634	3.809	4.056	3.473	3.462	3.453	3.246
156.0	3.884	3.790	3.648	3.714	3.870	4.086	3.543	3.538	3.538	3.337
159.0	4.010	3.905	3.734	3.785	3.905	4.086	3.599	3.608	3.609	3.402
162.0	4.111	3.990	3.779	3.835	3.930	4.081	3.639	3.654	3.674	3.488
165.0	4.171	3.985	3.829	3.880	3.950	4.056	3.654	3.694	3.744	3.568
168.0	4.206	3.985	3.860	3.925	3.945	3.975	3.679	3.739	3.800	3.654
171.0	4.197	3.975	3.905	3.965	3.945	3.895	3.684	3.749	3.865	3.739
174.0	4.121	3.965	3.945	3.996	3.945	3.814	3.734	3.799	3.925	3.814
177.0	4.041	3.950	3.980	4.000	3.945	3.769	3.830	3.850	4.000	3.895
180.0	3.965	3.950	3.990	4.000	3.935	3.769	3.910	3.930	4.000	3.980
G/C	300.0	330.0								
0.0	578.8	588.5								
3.0	602.3	627.2								
6.0	608.4	643.3								
9.0	600.7	626.9								
12.0	576.0	571.8								
15.0	530.1	493.0								
18.0	474.1	397.0								
21.0	410.2	300.3								
24.0	345.2	223.1								
27.0	280.5	169.1								
30.0	224.6	131.9								

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:

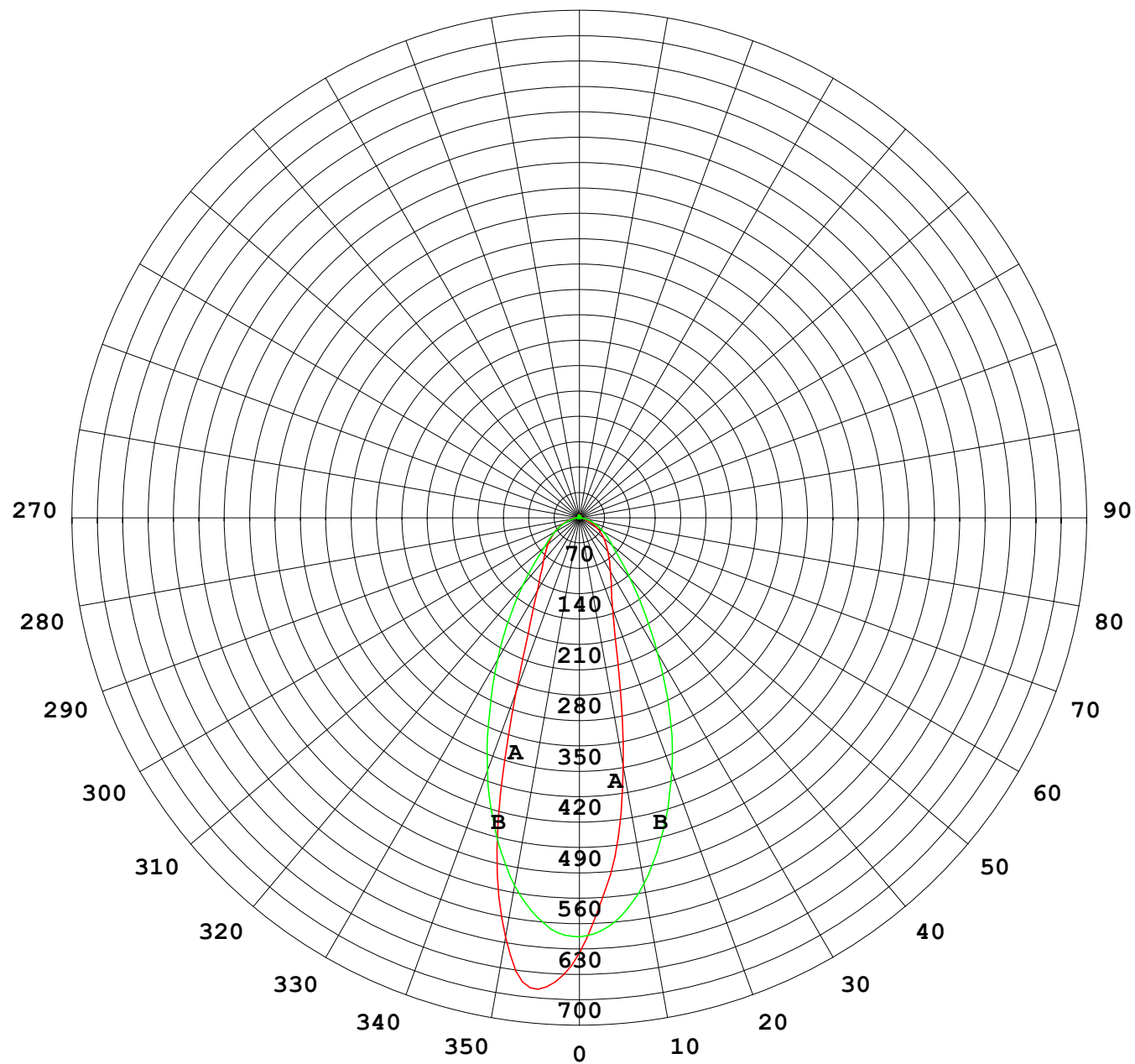
Photometric Data Table [cd]

33.0	176.4	108.4
36.0	138.6	92.52
39.0	110.2	81.52
42.0	89.98	73.13
45.0	75.60	65.97
48.0	65.11	59.65
51.0	57.11	54.34
54.0	50.64	49.11
57.0	44.96	44.15
60.0	39.54	39.34
63.0	34.18	34.31
66.0	29.04	29.52
69.0	24.14	24.98
72.0	19.60	20.28
75.0	15.46	15.90
78.0	11.66	12.15
81.0	8.286	8.753
84.0	5.478	6.080
87.0	3.215	3.951
90.0	1.554	2.246
93.0	0.7689	1.098
96.0	0.8095	0.7642
99.0	0.8847	0.7689
102.0	0.9603	0.8039
105.0	1.061	0.8743
108.0	1.161	0.9546
111.0	1.277	1.045
114.0	1.393	1.156
117.0	1.528	1.256
120.0	1.649	1.392
123.0	1.795	1.533
126.0	1.951	1.698
129.0	2.111	1.874
132.0	2.272	2.055
135.0	2.428	2.231
138.0	2.589	2.422
141.0	2.740	2.598
144.0	2.875	2.764
147.0	3.006	2.909
150.0	3.121	3.030
153.0	3.217	3.146
156.0	3.297	3.241
159.0	3.373	3.327
162.0	3.433	3.372
165.0	3.498	3.412
168.0	3.568	3.453
171.0	3.639	3.498
174.0	3.734	3.538
177.0	3.825	3.618
180.0	3.930	3.739

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

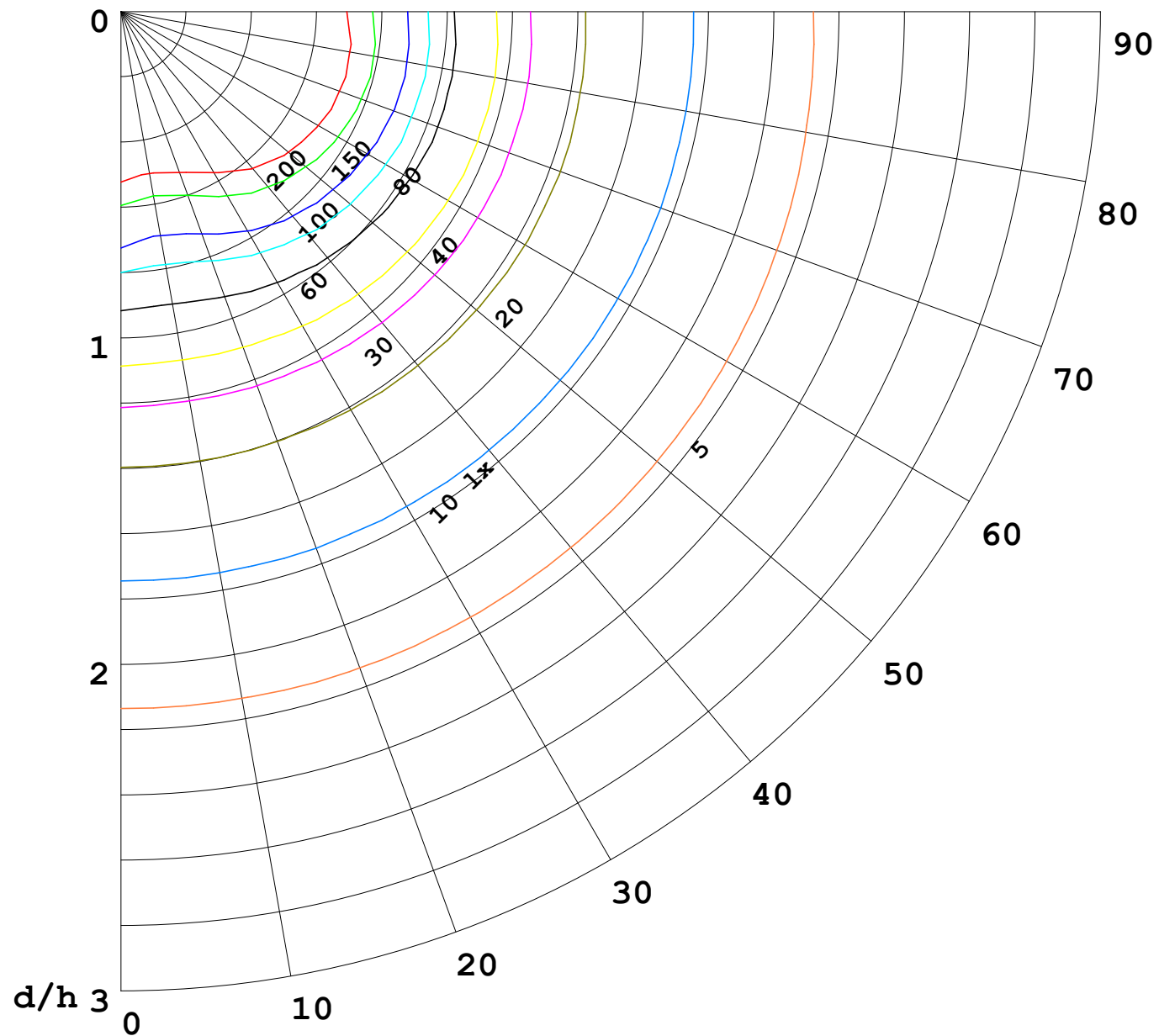
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

