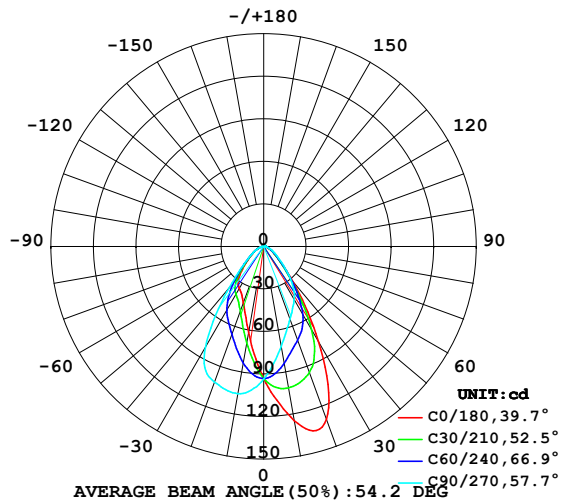


LUMINAIRE PHOTOMETRIC TEST REPORT

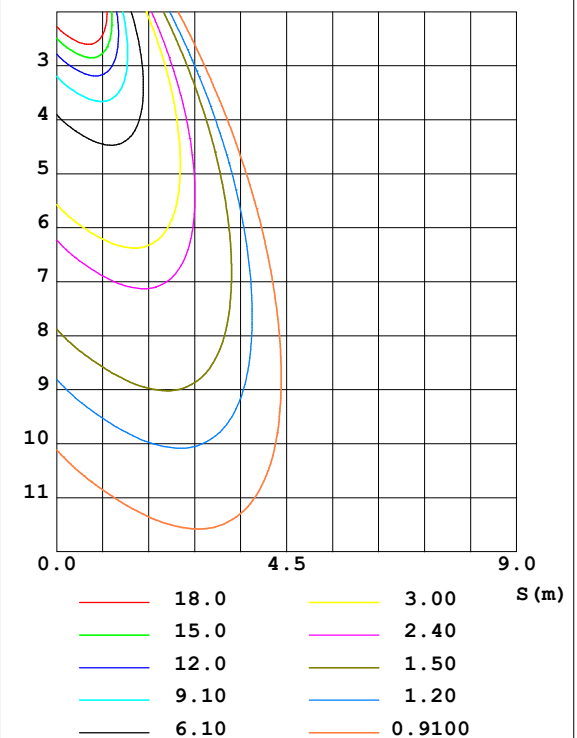
Test:U:24.00V I:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 24.67 lm/W			
MODEL	3535	I _{max} (cd)	172.1	S/MH (C0/180)	1.05
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	0.70
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	137.37	η UP, DN (C0-180)	1.6, 43.8
NOMINAL FLUX (lm)	137.371	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 53.6
LAMPS INSIDE	1	η up (%)	2.6	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	24	η down (%)	97.4	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



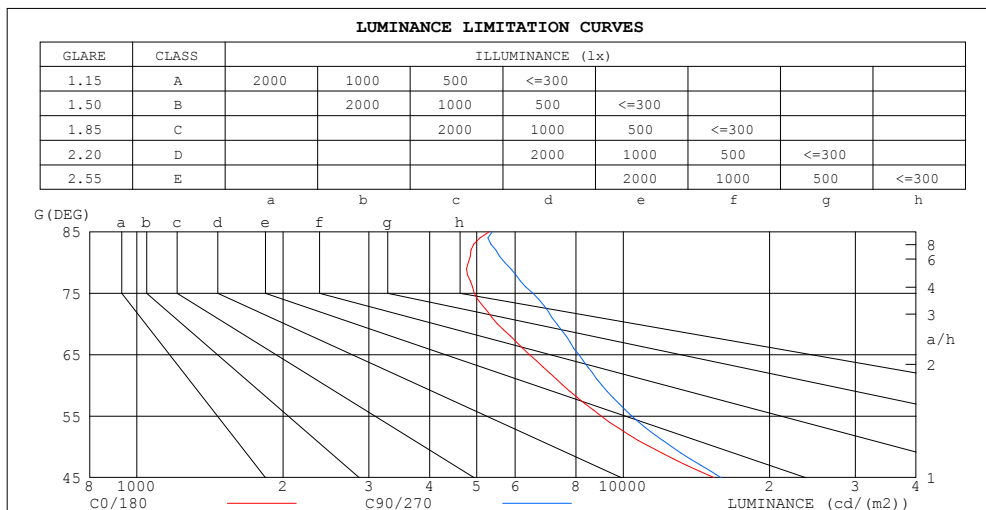
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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	124.6	92.47	71.51	62.82	61.67	76.30	105.4	137.9	0- 10	8.851	8.851	6.44,6.44
20	129.7	82.31	54.58	43.98	42.30	57.20	101.8	159.8	10- 20	25.16	34.01	24.8,24.8
30	77.55	61.37	43.06	35.82	34.38	45.62	82.34	104.9	20- 30	34.01	68.02	49.5,49.5
40	31.81	29.25	28.83	27.06	26.12	30.72	37.76	43.52	30- 40	28.63	96.65	70.4,70.4
50	13.50	13.42	14.96	15.01	14.24	15.48	16.10	17.10	40- 50	17.16	113.8	82.8,82.8
60	6.950	7.300	8.364	8.908	8.257	8.236	8.352	8.284	50- 60	9.924	123.7	90.1,90.1
70	3.486	3.890	4.621	4.915	4.464	4.249	4.325	4.060	60- 70	5.996	129.7	94.4,94.4
80	1.544	1.659	1.833	2.068	1.842	1.668	1.585	1.497	70- 80	3.037	132.8	96.6,96.6
90	0.4776	0.4600	0.4373	0.5504	0.3509	0.2315	0.1158	0.1409	80- 90	1.002	133.8	97.4,97.4
100	0.4523	0.4624	0.4876	0.4674	0.2263	0.1860	0.1356	0.1533	90-100	0.3389	134.1	97.6,97.6
110	0.4573	0.4950	0.5730	0.5453	0.3570	0.2915	0.2261	0.2337	100-110	0.3748	134.5	97.9,97.9
120	0.4874	0.5729	0.6987	0.7086	0.5228	0.4423	0.3566	0.3342	110-120	0.4485	134.9	98.2,98.2
130	0.5627	0.6759	0.8445	0.8921	0.6687	0.5981	0.4873	0.4674	120-130	0.5208	135.5	98.6,98.6
140	0.6683	0.8041	0.9651	1.035	0.7942	0.7363	0.6481	0.6307	130-140	0.5572	136.0	99,99
150	0.8339	0.9198	1.040	1.075	0.8695	0.8569	0.7939	0.7992	140-150	0.5316	136.5	99.4,99.4
160	0.9798	1.015	1.076	1.086	0.9097	0.9373	0.9197	0.9549	150-160	0.4377	137.0	99.7,99.7
170	1.096	1.090	1.106	1.098	1.010	1.020	1.015	1.050	160-170	0.2898	137.3	99.9,99.9
180	1.116	1.106	1.106	1.096	1.091	1.101	1.101	1.098	170-180	0.1030	137.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5308	5385
80	4807	5704
75	4938	6514
70	5509	7303
65	6414	8102
60	7514	9042
55	8996	10406
50	11355	12583
45	15383	15874

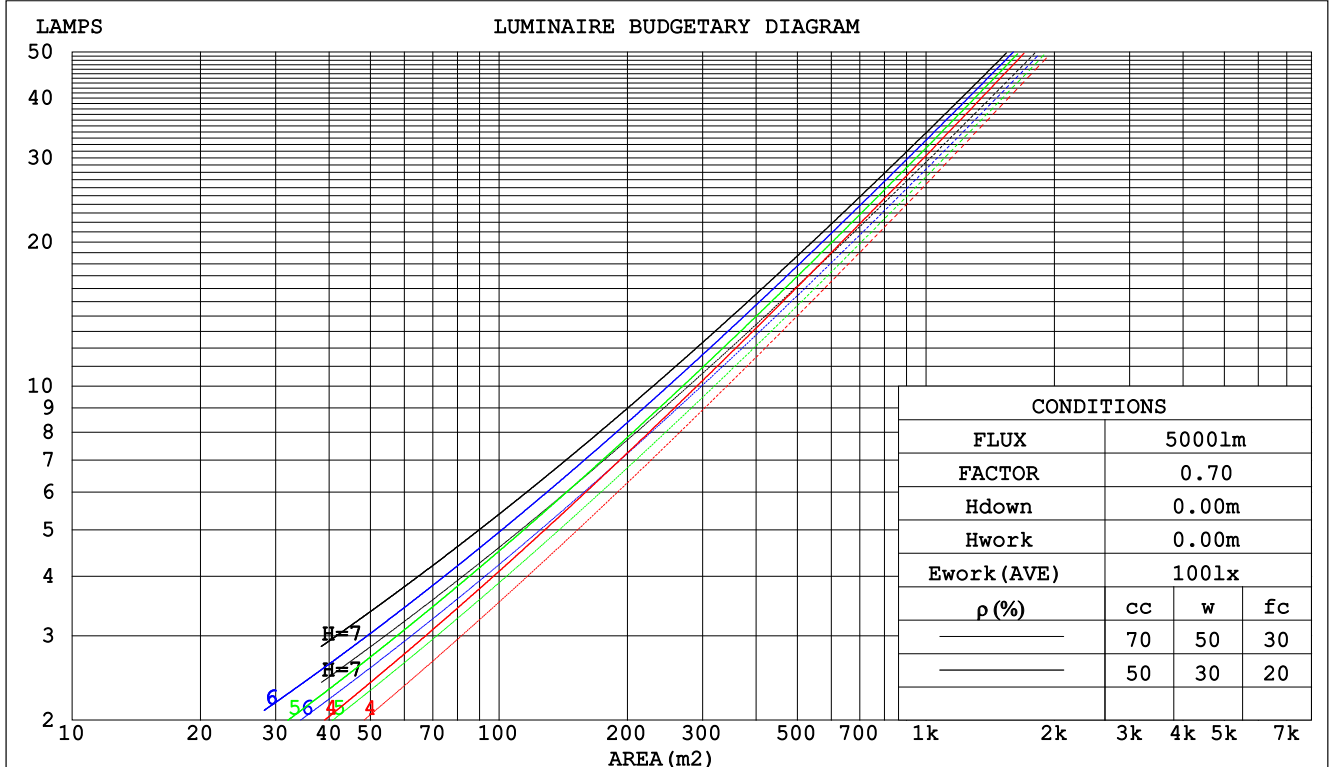
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-03-30

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:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	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	.00	.00	.00	.97
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.00	.98	.96	.96	.94	.93	.92	.91	.89	.87
2.0	.97	.92	.88	.95	.91	.87	.92	.88	.84	.88	.85	.82	.85	.82	.80	.78
3.0	.89	.82	.77	.87	.81	.76	.84	.79	.75	.81	.77	.73	.78	.75	.72	.70
4.0	.81	.74	.69	.80	.73	.68	.77	.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	.58	.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	.39	.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:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	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	.230	.131	.041	.223	.127	.040	.208	.120	.038	.195	.113	.036	.183	.106	.034		
2.0	.220	.120	.037	.213	.117	.036	.201	.111	.035	.189	.106	.033	.178	.101	.032		
3.0	.207	.110	.033	.201	.108	.032	.190	.103	.031	.180	.099	.030	.171	.095	.029		
4.0	.195	.101	.030	.190	.099	.029	.180	.095	.029	.171	.092	.028	.163	.088	.027		
5.0	.183	.093	.027	.179	.092	.027	.170	.089	.026	.162	.086	.025	.155	.083	.025		
6.0	.173	.087	.025	.169	.085	.025	.161	.083	.024	.154	.080	.024	.147	.078	.023		
7.0	.163	.081	.023	.160	.080	.023	.153	.077	.022	.146	.075	.022	.140	.073	.021		
8.0	.155	.075	.021	.151	.074	.021	.145	.073	.021	.139	.071	.020	.134	.069	.020		
9.0	.147	.071	.020	.144	.070	.020	.138	.068	.019	.133	.067	.019	.128	.065	.019		
10.0	.139	.067	.019	.137	.066	.018	.132	.064	.018	.127	.063	.018	.122	.062	.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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023		
1.0	.195	.177	.161	.167	.152	.138	.114	.104	.096	.066	.060	.056	.021	.019	.018		
2.0	.183	.153	.127	.157	.131	.110	.107	.091	.077	.062	.053	.045	.020	.017	.015		
3.0	.173	.134	.104	.148	.116	.090	.102	.080	.063	.059	.047	.037	.019	.015	.012		
4.0	.164	.120	.087	.141	.104	.076	.097	.072	.053	.056	.042	.031	.018	.014	.010		
5.0	.156	.109	.075	.134	.095	.065	.092	.066	.046	.053	.039	.027	.017	.013	.009		
6.0	.149	.100	.066	.128	.087	.057	.088	.061	.040	.051	.036	.024	.017	.012	.008		
7.0	.143	.093	.059	.123	.081	.051	.085	.057	.036	.049	.033	.022	.016	.011	.007		
8.0	.137	.087	.053	.118	.076	.047	.081	.053	.033	.047	.031	.020	.015	.010	.007		
9.0	.131	.082	.049	.113	.071	.043	.078	.050	.030	.046	.030	.018	.015	.010	.006		
10.0	.127	.078	.046	.109	.068	.040	.076	.048	.028	.044	.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:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm											
NAME: SFW20-24V-3535-24-RGB-60-R						TYPE:硅胶		WEIGHT:			
DIM.: 18.5MM*18.5MM						SPEC.:		SERIAL No.:202403008			
MFR.: OLYMPIA						SUR.:1.0*0.0185		PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H		18.9	20.1	19.2	20.3	20.5	18.9	20.1	19.2	20.3	20.6
	3H	19.4	20.4	19.7	20.7	21.0	19.7	20.8	20.0	21.0	21.3
	4H	19.5	20.6	19.9	20.8	21.1	20.0	21.0	20.3	21.3	21.6
	6H	19.7	20.7	20.1	21.0	21.3	20.2	21.2	20.6	21.5	21.8
	8H	19.8	20.7	20.1	21.0	21.3	20.3	21.2	20.7	21.5	21.9
	12H	19.8	20.7	20.2	21.0	21.4	20.3	21.2	20.7	21.6	21.9
4H	2H	19.0	20.1	19.4	20.3	20.6	19.1	20.1	19.4	20.4	20.7
	3H	19.7	20.6	20.1	20.9	21.2	20.0	20.9	20.4	21.2	21.6
	4H	20.0	20.8	20.4	21.1	21.5	20.4	21.2	20.8	21.6	22.0
	6H	20.3	21.0	20.7	21.3	21.8	20.8	21.5	21.2	21.9	22.3
	8H	20.4	21.0	20.8	21.4	21.9	20.9	21.6	21.4	22.0	22.4
	12H	20.5	21.1	20.9	21.5	21.9	21.0	21.6	21.5	22.0	22.5
8H	4H	20.1	20.7	20.5	21.1	21.6	20.5	21.2	21.0	21.6	22.0
	6H	20.5	21.0	21.0	21.5	21.9	21.0	21.5	21.5	22.0	22.4
	8H	20.7	21.1	21.2	21.6	22.1	21.2	21.7	21.7	22.1	22.6
	12H	20.9	21.3	21.4	21.8	22.3	21.4	21.8	21.9	22.3	22.8
12H	4H	20.1	20.7	20.5	21.1	21.6	20.5	21.1	21.0	21.5	22.0
	6H	20.5	21.0	21.0	21.4	21.9	21.0	21.5	21.5	21.9	22.4
	8H	20.7	21.1	21.3	21.6	22.2	21.2	21.6	21.8	22.1	22.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.9 / - 1.0					+ 0.6 / - 0.7					
1.5H	+ 1.6 / - 0.7					+ 0.8 / - 0.5					
2.0H	+ 1.4 / - 0.7					+ 1.2 / - 0.7					

CIE Pub.117 Corrected 137.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.9)

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:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:

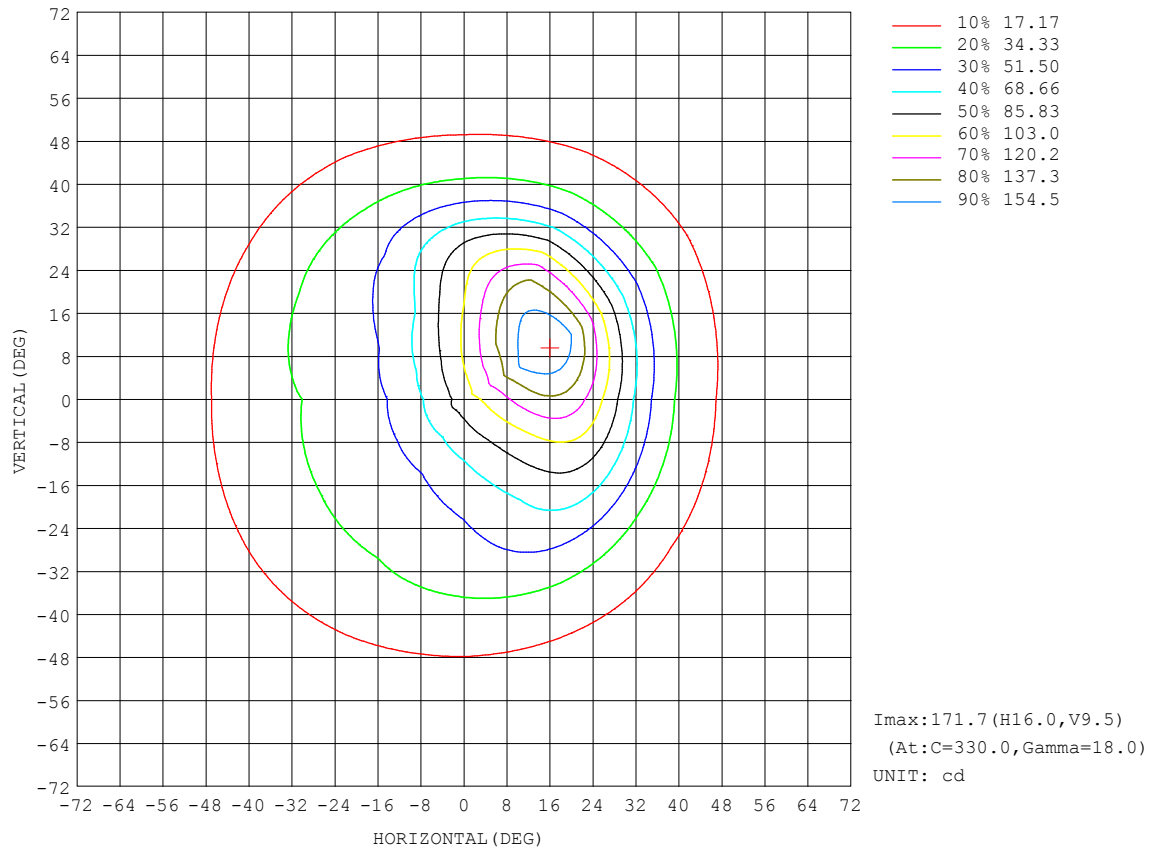
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	72	64	59	71	64	59	54
0.80	82	73	68	81	73	68	79	72	67	62
1.00	88	80	75	87	80	75	85	80	74	69
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	93	88	84	78
2.00	102	96	92	100	95	91	97	93	89	82
2.50	105	99	95	103	98	94	99	95	92	84
3.00	107	102	98	105	101	97	101	97	95	87
4.00	110	106	103	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:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:

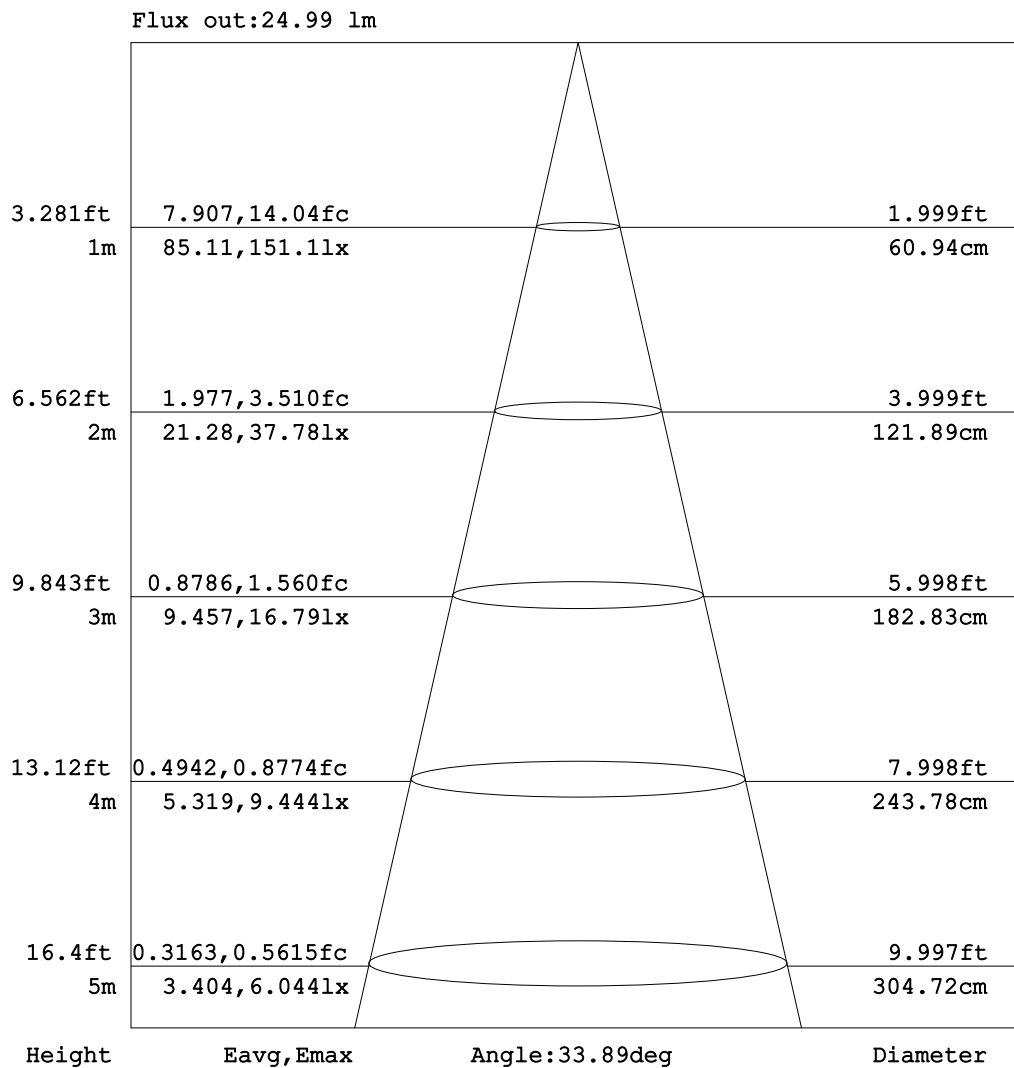


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-03-30

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:0.2320A P:5.568W PF:1.000 Lamp Flux:137.37lx1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.:202403008
MFR.: OLYMPIA	SUR.:1.0*0.0185	PROTECTION ANGLE:



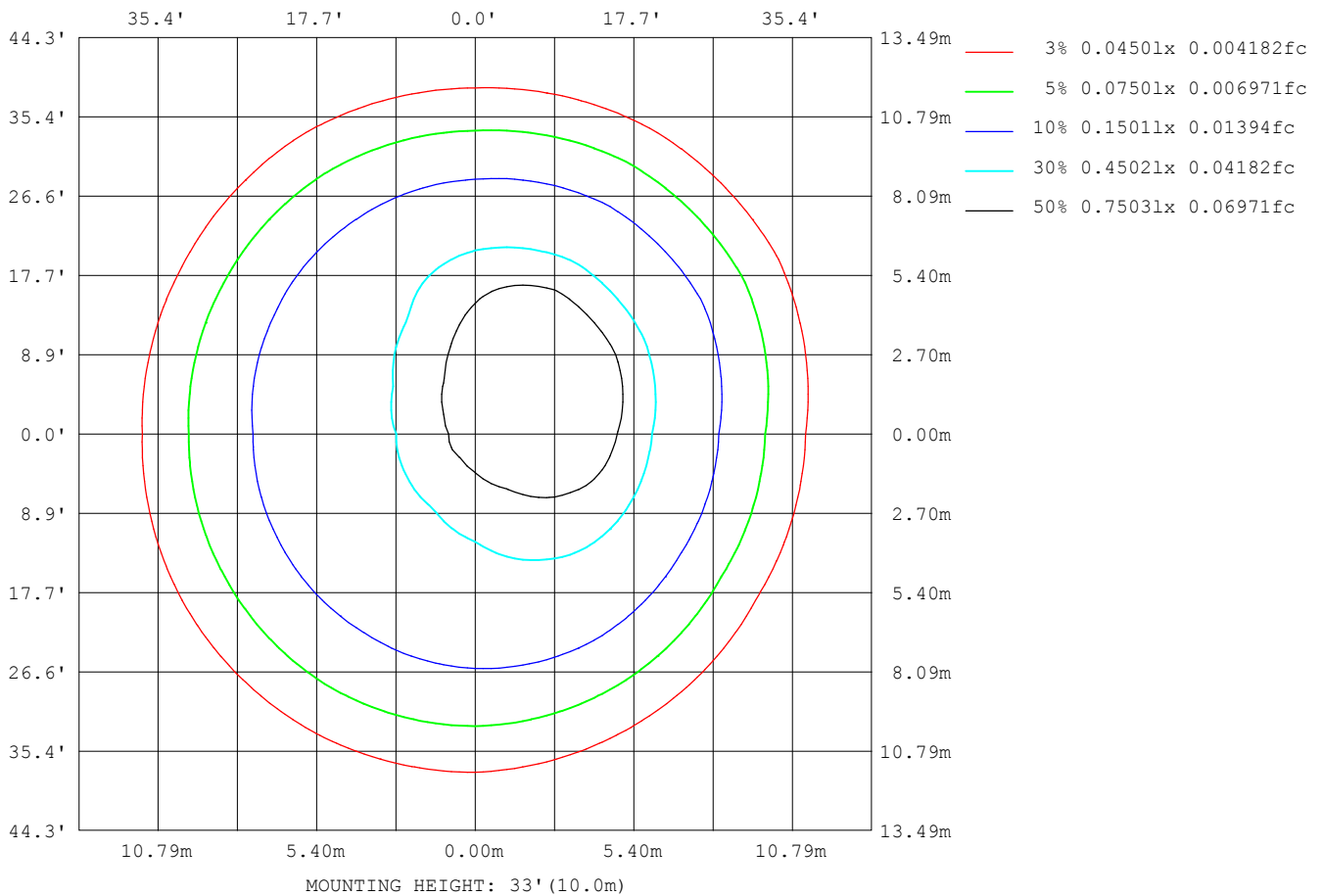
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

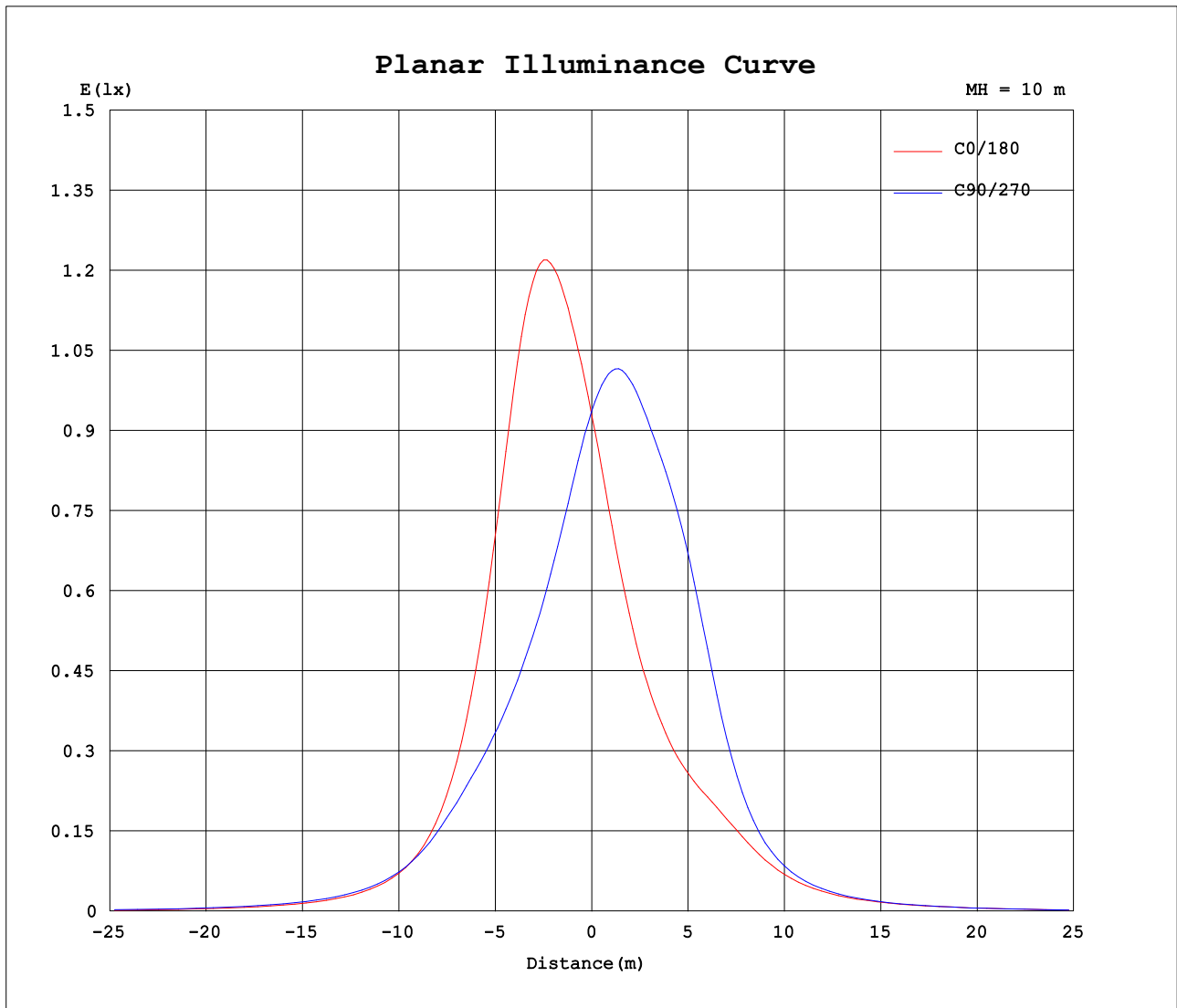
Test:U:24.00V I:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	TYPE: 硅胶	WEIGHT:
DIM.: 18.5MM*18.5MM	SPEC.:	SERIAL No.: 202403008
MFR.: OLYMPIA	SUR.: 1.0*0.0185	PROTECTION ANGLE:



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

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

Planar Illuminance Curve



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2320A P:5.568W PF:1.000 Lamp Flux:137.371x1 lm		
NAME: SFW20-24V-3535-24-RGB-60-R	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	93.1	93.0	93.1	93.5	94.2	96.6	93.1	93.0	93.1	93.5	94.2	96.6						
5	109	99.8	90.3	82.7	77.6	77.4	76.6	81.6	90.6	102	112	119						
10	125	101	83.6	71.5	63.7	62.0	61.7	69.1	83.5	105	131	145						
15	135	99.3	76.3	62.0	53.0	50.7	50.1	57.6	74.6	104	145	168						
20	130	94.4	70.2	54.6	45.1	42.8	42.3	48.5	65.9	102	150	169						
25	107	84.8	64.1	48.4	39.9	38.1	37.2	42.6	59.0	96.8	139	142						
30	77.6	67.3	55.4	43.1	36.5	35.2	34.4	39.1	52.1	82.3	108	102						
35	51.0	45.9	42.7	37.0	33.0	32.0	31.6	35.4	43.3	59.1	72.5	67.3						
40	31.8	28.9	29.6	28.8	27.6	26.5	26.1	28.8	32.7	37.8	44.5	42.6						
45	20.1	18.7	19.9	20.8	20.7	20.0	19.5	21.0	23.0	24.0	27.0	26.4						
50	13.5	13.0	13.8	15.0	15.1	14.9	14.2	14.8	16.1	16.1	17.3	16.9						
55	9.55	9.49	10.1	11.0	11.4	11.6	10.7	10.8	11.6	11.4	11.9	11.4						
60	6.95	7.06	7.54	8.36	8.74	9.08	8.26	8.07	8.40	8.35	8.52	8.05						
65	5.01	5.21	5.62	6.33	6.65	6.91	6.24	6.01	6.10	6.12	6.15	5.69						
70	3.49	3.70	4.08	4.62	4.86	4.97	4.46	4.25	4.24	4.32	4.27	3.85						
75	2.36	2.49	2.78	3.12	3.27	3.35	2.94	2.79	2.76	2.80	2.74	2.45						
80	1.54	1.58	1.74	1.83	2.01	2.12	1.84	1.72	1.62	1.58	1.55	1.44						
85	0.86	0.90	0.97	0.87	1.11	1.24	1.00	0.92	0.74	0.57	0.64	0.63						
90	0.48	0.45	0.47	0.44	0.52	0.58	0.35	0.31	0.16	0.12	0.13	0.15						
95	0.44	0.46	0.45	0.46	0.45	0.46	0.19	0.17	0.17	0.12	0.14	0.13						
100	0.45	0.47	0.45	0.49	0.45	0.48	0.23	0.17	0.20	0.14	0.18	0.13						
105	0.45	0.49	0.45	0.53	0.47	0.51	0.28	0.21	0.26	0.19	0.22	0.15						
110	0.46	0.51	0.48	0.57	0.53	0.56	0.36	0.28	0.31	0.23	0.27	0.20						
115	0.47	0.53	0.53	0.63	0.60	0.64	0.44	0.35	0.37	0.29	0.32	0.25						
120	0.49	0.56	0.58	0.70	0.68	0.73	0.52	0.45	0.44	0.36	0.37	0.30						
125	0.51	0.61	0.62	0.77	0.77	0.83	0.60	0.51	0.52	0.43	0.43	0.36						
130	0.56	0.66	0.69	0.84	0.86	0.92	0.67	0.61	0.58	0.49	0.50	0.43						
135	0.61	0.71	0.76	0.91	0.93	1.01	0.73	0.68	0.67	0.57	0.58	0.51						
140	0.67	0.78	0.83	0.97	0.99	1.08	0.79	0.73	0.74	0.65	0.66	0.60						
145	0.75	0.84	0.87	1.01	1.03	1.11	0.83	0.78	0.81	0.72	0.74	0.69						
150	0.83	0.91	0.92	1.04	1.05	1.11	0.87	0.84	0.87	0.79	0.82	0.77						
155	0.92	0.98	0.97	1.07	1.07	1.11	0.89	0.86	0.91	0.86	0.90	0.86						
160	0.98	1.03	1.00	1.08	1.07	1.11	0.91	0.91	0.97	0.92	0.98	0.93						
165	1.05	1.08	1.03	1.09	1.07	1.11	0.94	0.93	1.01	0.98	1.03	1.00						
170	1.10	1.11	1.08	1.11	1.09	1.11	1.01	0.99	1.05	1.02	1.07	1.03						
175	1.11	1.11	1.10	1.11	1.09	1.11	1.08	1.03	1.09	1.09	1.11	1.08						
180	1.12	1.11	1.10	1.11	1.09	1.11	1.09	1.10	1.10	1.10	1.11	1.09						

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	93.13	93.04	93.08	93.53	94.17	96.56	93.13	93.04	93.08	93.53
3.0	102.9	97.80	92.05	87.31	84.01	84.41	83.28	86.61	92.21	98.93
6.0	112.3	100.4	89.16	80.36	74.55	73.98	73.45	79.10	89.38	102.9
9.0	121.7	101.4	85.12	73.64	66.22	64.58	64.39	71.58	85.11	105.1
12.0	129.7	100.8	80.61	67.46	59.09	56.72	56.58	64.33	79.94	105.4
15.0	134.6	99.26	76.33	61.99	52.98	50.66	50.09	57.58	74.63	104.4
18.0	133.8	96.74	72.53	57.45	47.96	45.50	45.04	51.85	69.27	102.9
21.0	126.5	92.98	69.14	53.19	43.86	41.57	41.01	47.19	64.38	101.2
24.0	113.0	87.52	65.51	49.67	40.73	38.80	37.97	43.62	60.24	98.30
27.0	95.59	79.06	61.09	46.28	38.43	36.85	35.86	41.08	56.27	92.51
30.0	77.55	67.35	55.39	43.06	36.46	35.19	34.38	39.12	52.12	82.34
33.0	60.83	54.72	48.03	39.78	34.54	33.44	32.94	37.27	47.16	68.74
36.0	46.50	41.92	39.95	35.56	32.14	31.18	30.68	34.31	41.31	54.32
39.0	34.96	31.88	32.01	30.65	28.91	27.71	27.38	30.36	34.92	41.36
42.0	26.28	24.18	25.18	25.56	24.81	23.93	23.40	25.68	28.65	31.27
45.0	20.12	18.75	19.87	20.77	20.73	19.98	19.52	21.02	22.99	24.02
48.0	15.73	14.94	15.94	17.02	17.14	16.77	16.11	16.97	18.53	18.71
51.0	12.51	12.14	12.91	14.05	14.24	14.17	13.42	13.79	15.07	14.98
54.0	10.19	10.08	10.69	11.71	12.02	12.10	11.32	11.45	12.33	12.19
57.0	8.409	8.394	8.957	9.891	10.23	10.50	9.649	9.594	10.11	10.06
60.0	6.950	7.057	7.543	8.364	8.739	9.077	8.257	8.075	8.397	8.352
63.0	5.749	5.892	6.337	7.108	7.438	7.730	7.006	6.799	6.905	6.995
66.0	4.678	4.877	5.296	5.958	6.281	6.520	5.861	5.642	5.675	5.738
69.0	3.767	3.983	4.366	4.953	5.195	5.354	4.796	4.586	4.585	4.677
72.0	3.008	3.164	3.531	4.013	4.196	4.279	3.796	3.642	3.600	3.717
75.0	2.364	2.491	2.782	3.119	3.270	3.345	2.938	2.792	2.757	2.802
78.0	1.841	1.913	2.118	2.315	2.460	2.591	2.249	2.108	2.038	2.043
81.0	1.404	1.446	1.570	1.611	1.801	1.923	1.657	1.554	1.435	1.384
84.0	0.9816	1.024	1.097	1.019	1.264	1.411	1.154	1.062	0.9027	0.7507
87.0	0.6245	0.6575	0.7151	0.6323	0.8258	0.9289	0.7173	0.6345	0.4410	0.2976
90.0	0.4776	0.4523	0.4677	0.4373	0.5185	0.5823	0.3509	0.3073	0.1557	0.1158
93.0	0.4425	0.4524	0.4523	0.4524	0.4524	0.4573	0.1809	0.1761	0.1509	0.1156
96.0	0.4423	0.4624	0.4523	0.4724	0.4523	0.4574	0.1910	0.1709	0.1759	0.1206
99.0	0.4523	0.4724	0.4523	0.4875	0.4523	0.4675	0.2162	0.1709	0.1911	0.1256
102.0	0.4523	0.4775	0.4523	0.5027	0.4523	0.4875	0.2564	0.1959	0.2212	0.1558
105.0	0.4523	0.4875	0.4523	0.5278	0.4673	0.5077	0.2817	0.2110	0.2564	0.1910
108.0	0.4573	0.4976	0.4674	0.5579	0.5124	0.5379	0.3319	0.2711	0.2866	0.2110
111.0	0.4573	0.5177	0.4924	0.5831	0.5376	0.5831	0.3770	0.2963	0.3218	0.2411
114.0	0.4623	0.5277	0.5176	0.6183	0.5929	0.6184	0.4174	0.3466	0.3619	0.2714
117.0	0.4774	0.5479	0.5376	0.6585	0.6330	0.6736	0.4776	0.3768	0.3972	0.3065
120.0	0.4874	0.5630	0.5827	0.6987	0.6833	0.7339	0.5228	0.4472	0.4374	0.3566
123.0	0.5076	0.5881	0.6080	0.7389	0.7386	0.7892	0.5681	0.4774	0.4827	0.3819
126.0	0.5275	0.6182	0.6381	0.7842	0.7889	0.8445	0.6183	0.5226	0.5279	0.4322
129.0	0.5477	0.6484	0.6734	0.8244	0.8442	0.9048	0.6585	0.6027	0.5731	0.4673
132.0	0.5979	0.6835	0.7086	0.8696	0.8894	0.9600	0.6937	0.6281	0.6233	0.5176
135.0	0.6131	0.7137	0.7589	0.9098	0.9297	1.010	0.7339	0.6833	0.6686	0.5677
138.0	0.6382	0.7440	0.7889	0.9449	0.9698	1.046	0.7641	0.6985	0.7138	0.6130
141.0	0.6734	0.7892	0.8392	0.9801	0.9951	1.086	0.8041	0.7636	0.7590	0.6682
144.0	0.7184	0.8294	0.8693	1.005	1.015	1.106	0.8243	0.7789	0.7942	0.7035
147.0	0.7739	0.8746	0.9145	1.025	1.035	1.106	0.8495	0.7990	0.8295	0.7588
150.0	0.8339	0.9148	0.9247	1.040	1.045	1.106	0.8695	0.8443	0.8695	0.7939
153.0	0.8592	0.9550	0.9548	1.050	1.065	1.106	0.8895	0.8493	0.8948	0.8392
156.0	0.9197	0.9851	0.9898	1.060	1.065	1.106	0.8997	0.8694	0.9248	0.8694
159.0	0.9597	1.025	1.000	1.066	1.065	1.106	0.9047	0.8995	0.9550	0.9147
162.0	1.000	1.060	1.010	1.076	1.065	1.106	0.9199	0.9298	0.9801	0.9447
165.0	1.045	1.081	1.025	1.086	1.070	1.106	0.9449	0.9347	1.010	0.9798
168.0	1.091	1.096	1.045	1.101	1.076	1.106	0.9852	0.9499	1.035	1.000
171.0	1.101	1.111	1.076	1.106	1.086	1.106	1.025	0.9951	1.060	1.020
174.0	1.111	1.111	1.091	1.106	1.086	1.106	1.071	1.020	1.086	1.060
177.0	1.116	1.111	1.096	1.106	1.086	1.106	1.091	1.065	1.101	1.091
180.0	1.116	1.111	1.101	1.106	1.086	1.106	1.091	1.101	1.101	1.101
G/C	300.0	330.0								
0.0	94.17	96.56								
3.0	104.8	109.3								
6.0	116.0	123.1								
9.0	127.4	139.5								
12.0	137.5	155.5								
15.0	145.3	167.6								
18.0	149.8	172.1								
21.0	149.5	165.9								
24.0	142.5	149.5								
27.0	128.1	126.0								
30.0	108.2	101.5								

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

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

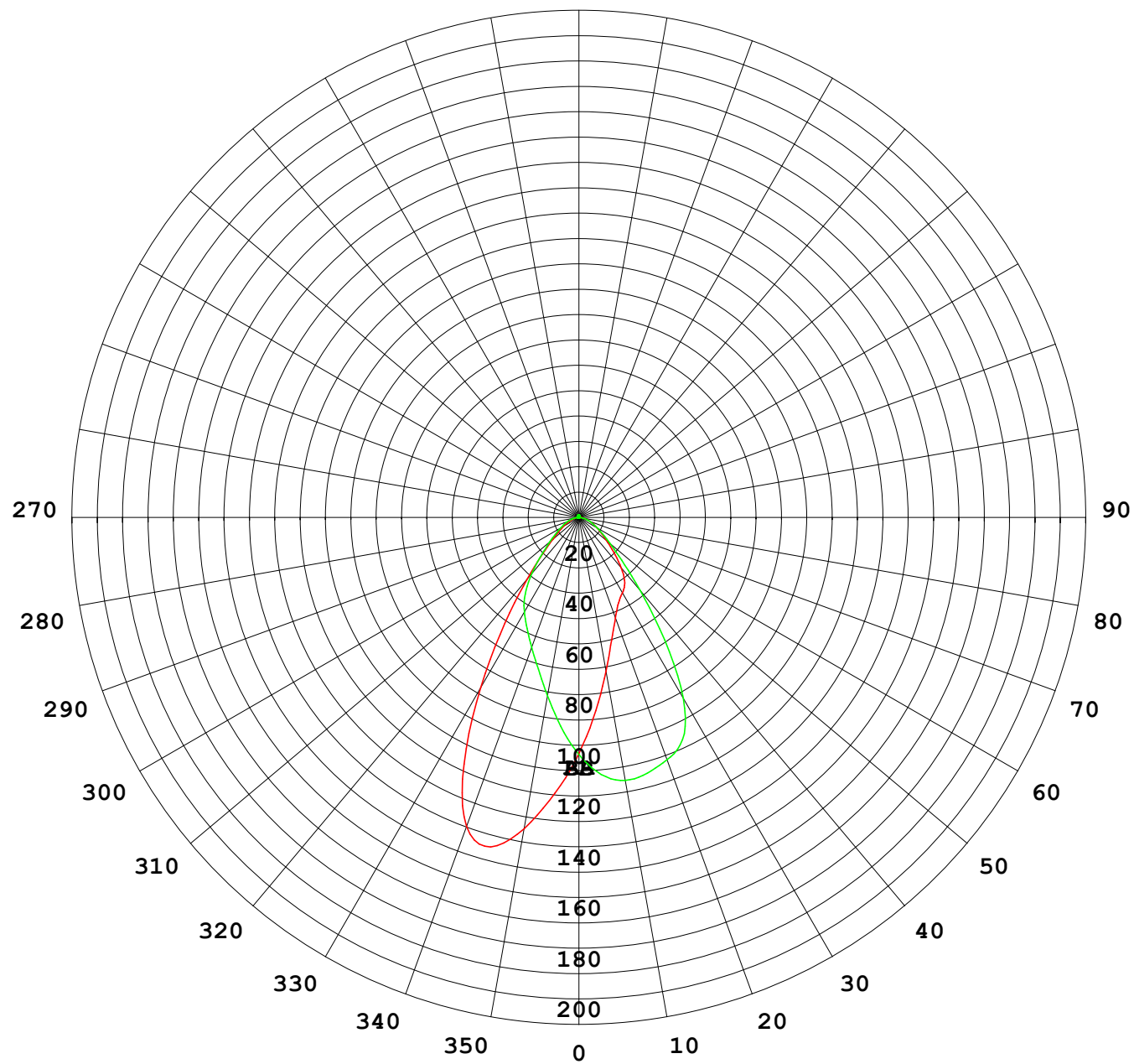
Photometric Data Table [cd]

33.0	86.54	80.39
36.0	66.11	61.80
39.0	49.17	46.85
42.0	36.29	35.38
45.0	26.96	26.43
48.0	20.48	19.91
51.0	15.98	15.47
54.0	12.76	12.24
57.0	10.39	9.831
60.0	8.522	8.045
63.0	7.010	6.573
66.0	5.745	5.276
69.0	4.615	4.194
72.0	3.615	3.264
75.0	2.736	2.450
78.0	1.983	1.796
81.0	1.365	1.288
84.0	0.8120	0.7705
87.0	0.3456	0.3830
90.0	0.1307	0.1511
93.0	0.1358	0.1307
96.0	0.1459	0.1307
99.0	0.1709	0.1307
102.0	0.1960	0.1307
105.0	0.2212	0.1508
108.0	0.2463	0.1859
111.0	0.2765	0.2110
114.0	0.3017	0.2411
117.0	0.3368	0.2712
120.0	0.3670	0.3015
123.0	0.4072	0.3367
126.0	0.4475	0.3768
129.0	0.4926	0.4270
132.0	0.5279	0.4622
135.0	0.5781	0.5076
138.0	0.6283	0.5627
141.0	0.6737	0.6130
144.0	0.7239	0.6633
147.0	0.7741	0.7235
150.0	0.8245	0.7739
153.0	0.8796	0.8341
156.0	0.9199	0.8793
159.0	0.9651	0.9197
162.0	0.9953	0.9548
165.0	1.030	1.000
168.0	1.056	1.015
171.0	1.081	1.040
174.0	1.106	1.070
177.0	1.111	1.081
180.0	1.111	1.086

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

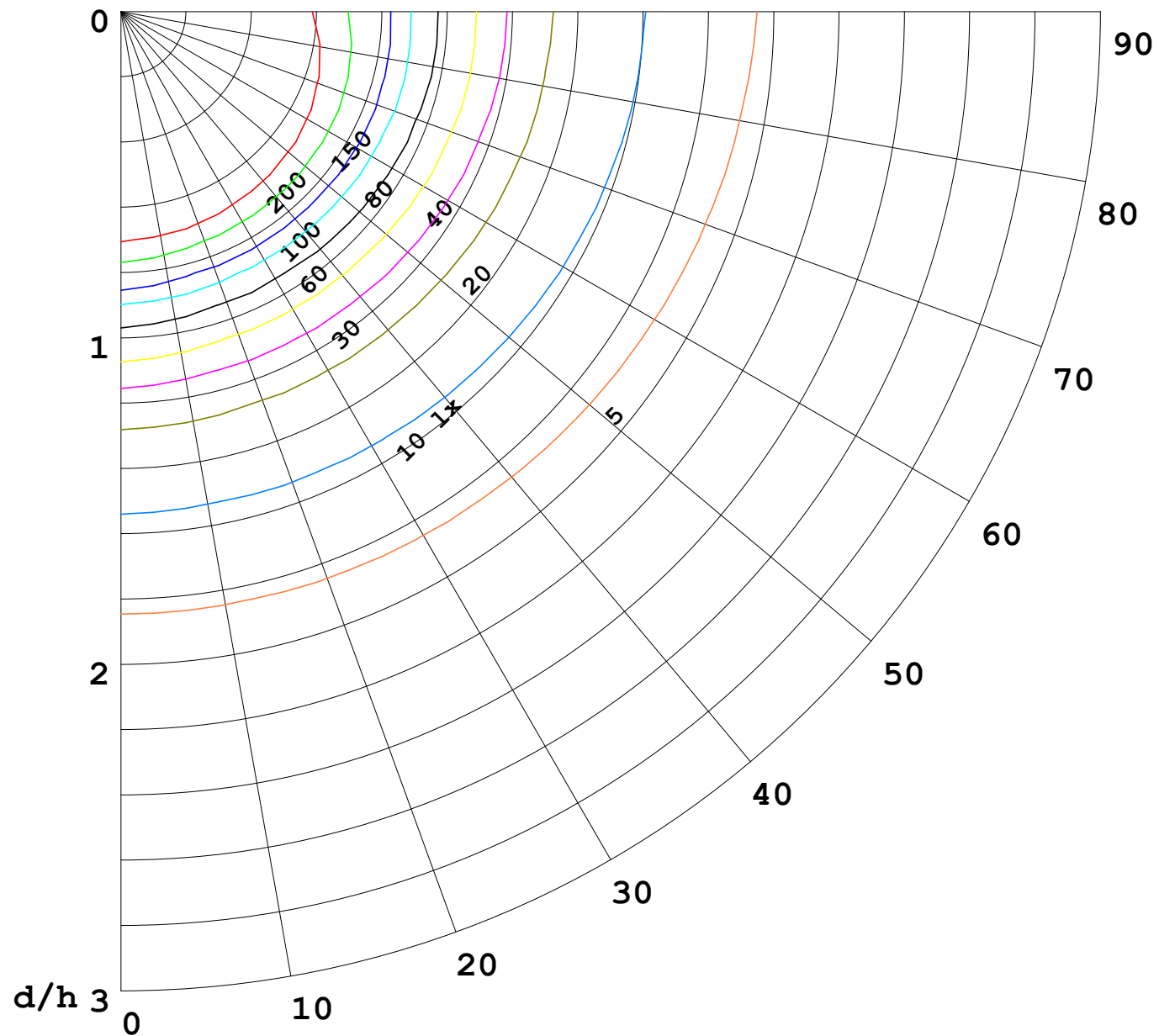
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

