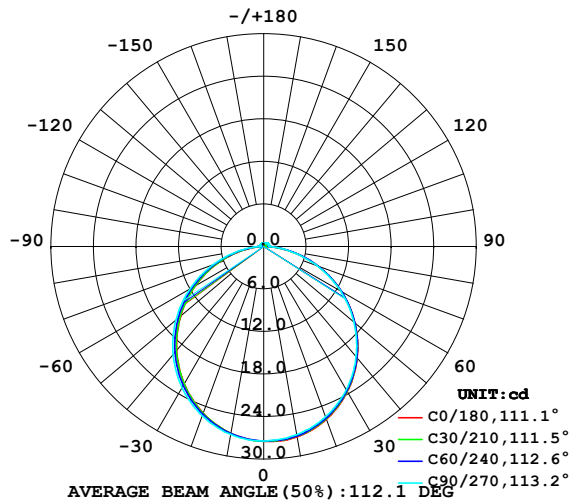


LUMINAIRE PHOTOMETRIC TEST REPORT

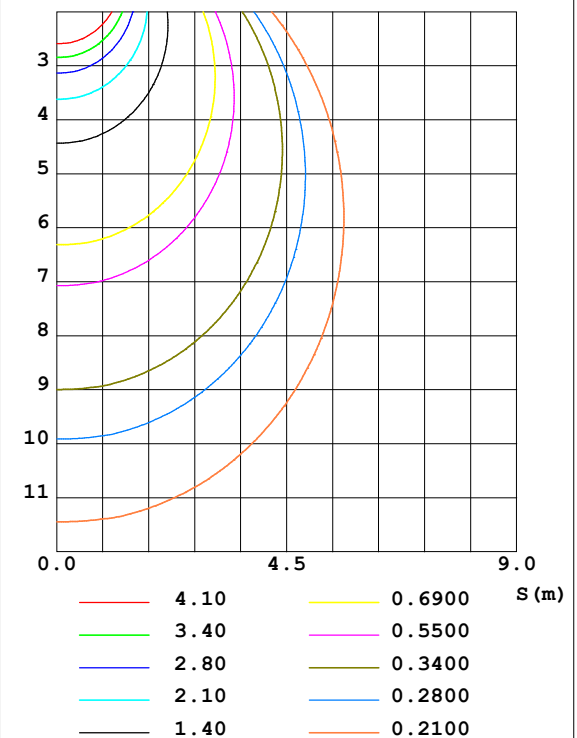
Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 20.31 lm/W			
MODEL	3535	I _{max} (cd)	27.53	S/MH (C0/180)	1.28
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	81.882	η UP, DN (C0-180)	2.2, 49.0
NOMINAL FLUX (lm)	81.8819	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 47.3
LAMPS INSIDE	1	η up (%)	3.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



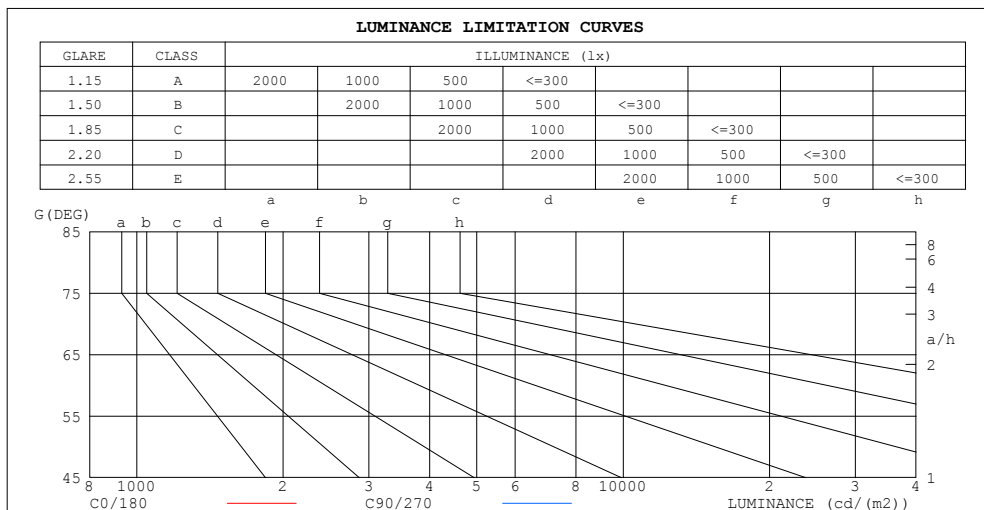
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [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	27.27	27.14	26.94	26.74	26.76	26.78	26.93	26.98	0- 10	2.594	2.594	3.17,3.17
20	25.93	25.81	25.56	25.17	25.01	25.11	25.42	25.60	10- 20	7.422	10.02	12.2,12.2
30	23.62	23.52	23.32	22.77	22.41	22.56	23.03	23.30	20- 30	11.22	21.24	25.9,25.9
40	20.53	20.47	20.27	19.68	19.11	19.32	19.89	20.21	30- 40	13.50	34.73	42.4,42.4
50	16.79	16.78	16.61	16.00	15.30	15.56	16.18	16.51	40- 50	13.99	48.72	59.5,59.5
60	12.64	12.66	12.52	11.91	11.15	11.43	12.01	12.38	50- 60	12.69	61.41	75,75
70	8.143	8.197	8.044	7.536	6.838	7.102	7.684	7.947	60- 70	9.799	71.21	87,87
80	3.606	3.688	3.598	3.263	2.690	2.915	3.341	3.462	70- 80	5.778	76.99	94,94
90	0.4515	0.5682	0.7480	0.8243	0.3183	0.4744	0.5962	0.3502	80- 90	1.816	78.80	96.2,96.2
100	0.2632	0.5022	0.7411	0.7618	0.2355	0.3775	0.5818	0.2840	90-100	0.5283	79.33	96.9,96.9
110	0.2838	0.5195	0.7341	0.7618	0.2424	0.4121	0.5680	0.2978	100-110	0.5081	79.84	97.5,97.5
120	0.2909	0.5333	0.7341	0.7549	0.2839	0.4190	0.5541	0.3255	110-120	0.4854	80.32	98.1,98.1
130	0.3255	0.5402	0.6924	0.7307	0.3393	0.4225	0.5402	0.3670	120-130	0.4468	80.77	98.6,98.6
140	0.3878	0.5437	0.6303	0.6410	0.3878	0.4398	0.5333	0.3844	130-140	0.3875	81.16	99.1,99.1
150	0.4086	0.5299	0.6025	0.5680	0.4433	0.4502	0.5264	0.4086	140-150	0.3103	81.47	99.5,99.5
160	0.4362	0.5126	0.5264	0.5298	0.4847	0.4571	0.5195	0.4398	150-160	0.2252	81.69	99.8,99.8
170	0.4987	0.5125	0.5264	0.5194	0.5195	0.4745	0.5056	0.4640	160-170	0.1396	81.83	99.9,99.9
180	0.5264	0.5264	0.5264	0.5056	0.5264	0.4952	0.5264	0.5160	170-180	0.0481	81.88	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	191	203
80	208	207
75	226	223
70	238	235
65	246	244
60	253	250
55	258	254
50	261	258
45	265	262

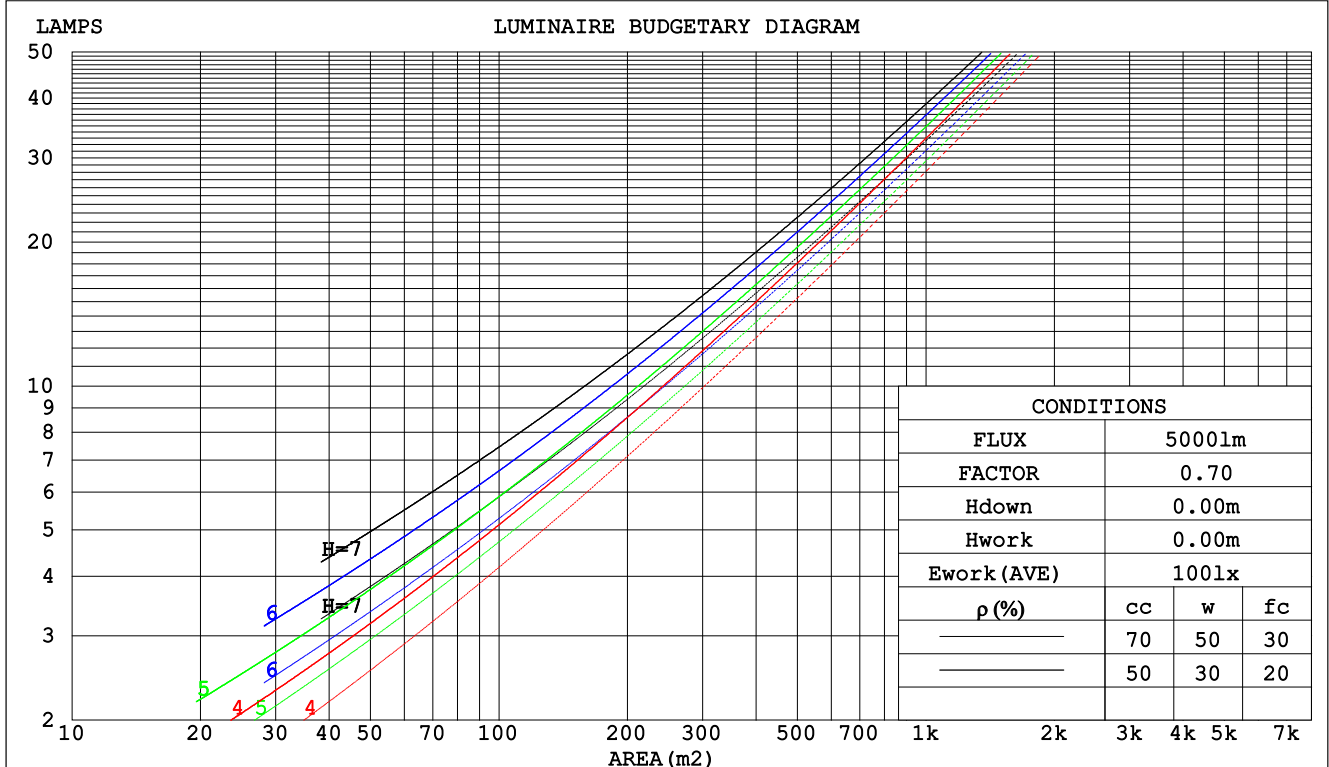
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.96
1.0	1.03	.98	.94	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.86	.84	.82	.80
2.0	.89	.82	.77	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.64	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.43	.36	.31	.42	.35	.31	.40	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm					
NAME: SF09-24V-3535-84-RGB-G			TYPE: 硅胶		WEIGHT:
DIM.: 16mm*8mm			SPEC.:		SERIAL No.:202301001
MFR.: OLYMPIA			SUR.:1*0.016		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	.314	.178	.057	.306	.174	.055	.290	.166	.053	.276	.159	.051	.263	.152	.049		
2.0	.293	.161	.049	.286	.158	.049	.272	.151	.047	.260	.146	.046	.248	.140	.044		
3.0	.271	.144	.043	.264	.141	.043	.252	.137	.041	.241	.132	.040	.230	.127	.039		
4.0	.249	.130	.038	.243	.127	.038	.233	.123	.037	.222	.119	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.102	.030	.192	.100	.029	.184	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.172	.089	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.024	.161	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.075	.021	.149	.074	.021	.143	.072	.021		

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	.219	.219	.219	.187	.187	.187	.128	.128	.128	.073	.073	.073	.023	.023	.023	
1.0	.209	.185	.163	.179	.159	.140	.123	.109	.097	.071	.063	.056	.023	.020	.018	
2.0	.202	.161	.127	.173	.139	.110	.118	.096	.077	.068	.056	.045	.022	.018	.015	
3.0	.194	.144	.103	.166	.124	.090	.114	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.186	.130	.088	.160	.113	.076	.110	.078	.054	.064	.046	.032	.020	.015	.010	
5.0	.179	.120	.077	.154	.104	.067	.106	.073	.047	.061	.043	.028	.020	.014	.009	
6.0	.172	.112	.069	.148	.097	.060	.102	.068	.042	.059	.040	.025	.019	.013	.008	
7.0	.165	.105	.063	.142	.091	.055	.098	.064	.039	.057	.038	.023	.018	.012	.008	
8.0	.158	.099	.058	.136	.086	.051	.094	.060	.036	.055	.036	.022	.018	.012	.007	
9.0	.152	.094	.055	.131	.082	.048	.091	.057	.034	.053	.034	.020	.017	.011	.007	
10.0	.147	.090	.052	.126	.078	.046	.088	.055	.032	.051	.033	.019	.017	.011	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm										
NAME: SF09-24V-3535-84-RGB-G					TYPE: 硅胶			WEIGHT:		
DIM.: 16mm*8mm					SPEC.:			SERIAL No.:202301001		
MFR.: OLYMPIA					SUR.:1*0.016			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	8.1	9.6	8.4	9.8	10.1	8.1	9.5	8.4	9.8	10.1
3H	9.7	11.0	10.0	11.4	11.7	9.7	11.0	10.0	11.3	11.6
4H	10.3	11.6	10.7	12.0	12.3	10.3	11.6	10.7	11.9	12.3
6H	10.8	12.0	11.2	12.4	12.7	10.8	12.0	11.2	12.4	12.7
8H	11.0	12.2	11.4	12.5	12.9	11.0	12.2	11.4	12.5	12.9
12H	11.1	12.2	11.5	12.6	13.0	11.1	12.2	11.5	12.6	13.0
4H 2H	8.7	10.0	9.1	10.3	10.7	8.7	10.0	9.1	10.3	10.6
3H	10.5	11.6	10.9	12.0	12.4	10.5	11.6	10.9	12.0	12.4
4H	11.3	12.3	11.7	12.7	13.1	11.3	12.3	11.7	12.7	13.1
6H	11.9	12.8	12.4	13.2	13.7	11.9	12.8	12.4	13.3	13.7
8H	12.1	13.0	12.6	13.4	13.9	12.1	13.0	12.6	13.4	13.9
12H	12.3	13.0	12.7	13.5	14.0	12.3	13.1	12.8	13.5	14.0
8H 4H	11.6	12.4	12.0	12.9	13.3	11.6	12.4	12.1	12.9	13.3
6H	12.3	13.0	12.8	13.5	14.0	12.4	13.1	12.9	13.6	14.1
8H	12.6	13.3	13.2	13.8	14.3	12.7	13.3	13.2	13.8	14.4
12H	12.9	13.4	13.4	13.9	14.5	13.0	13.5	13.5	14.0	14.6
12H 4H	11.6	12.4	12.1	12.8	13.3	11.6	12.4	12.1	12.8	13.3
6H	12.4	13.0	12.9	13.5	14.1	12.4	13.1	13.0	13.6	14.1
8H	12.8	13.3	13.3	13.8	14.4	12.8	13.4	13.4	13.9	14.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 81.88 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.7)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

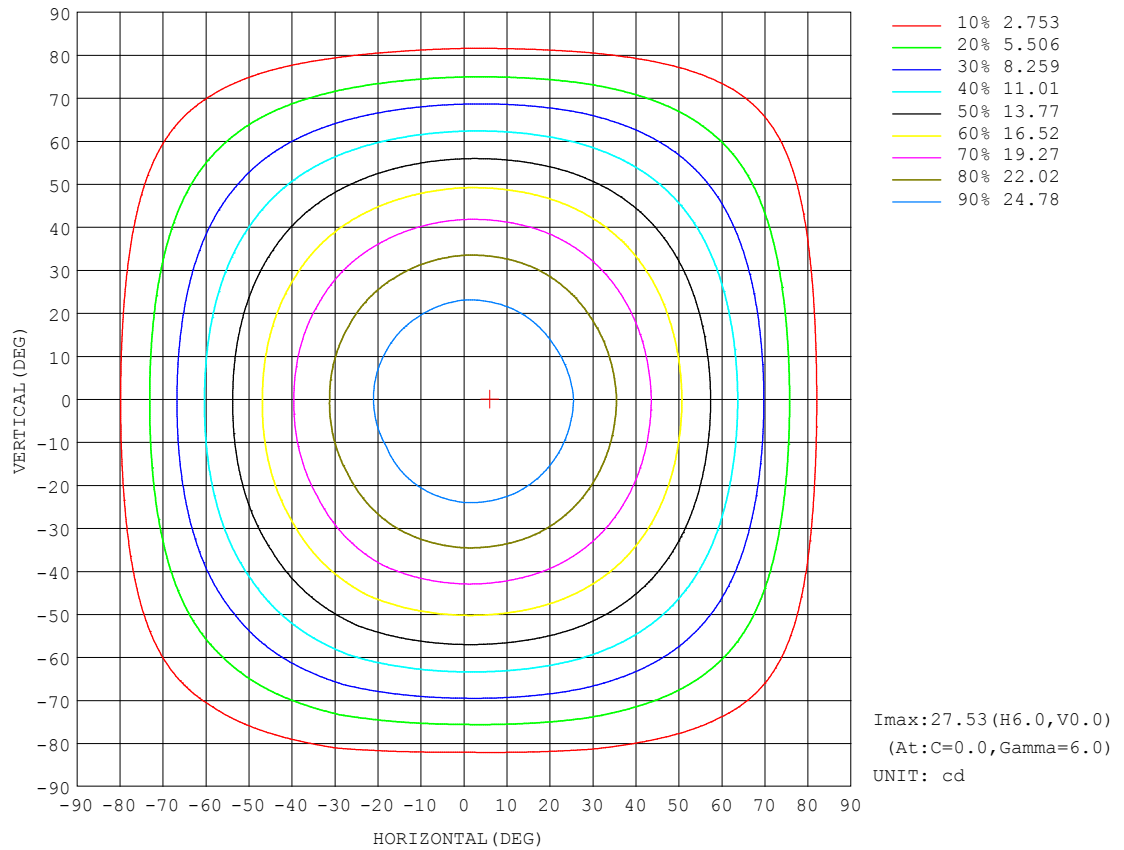
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	70	64	55	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	69	81	73	67	59
2.00	93	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.800m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

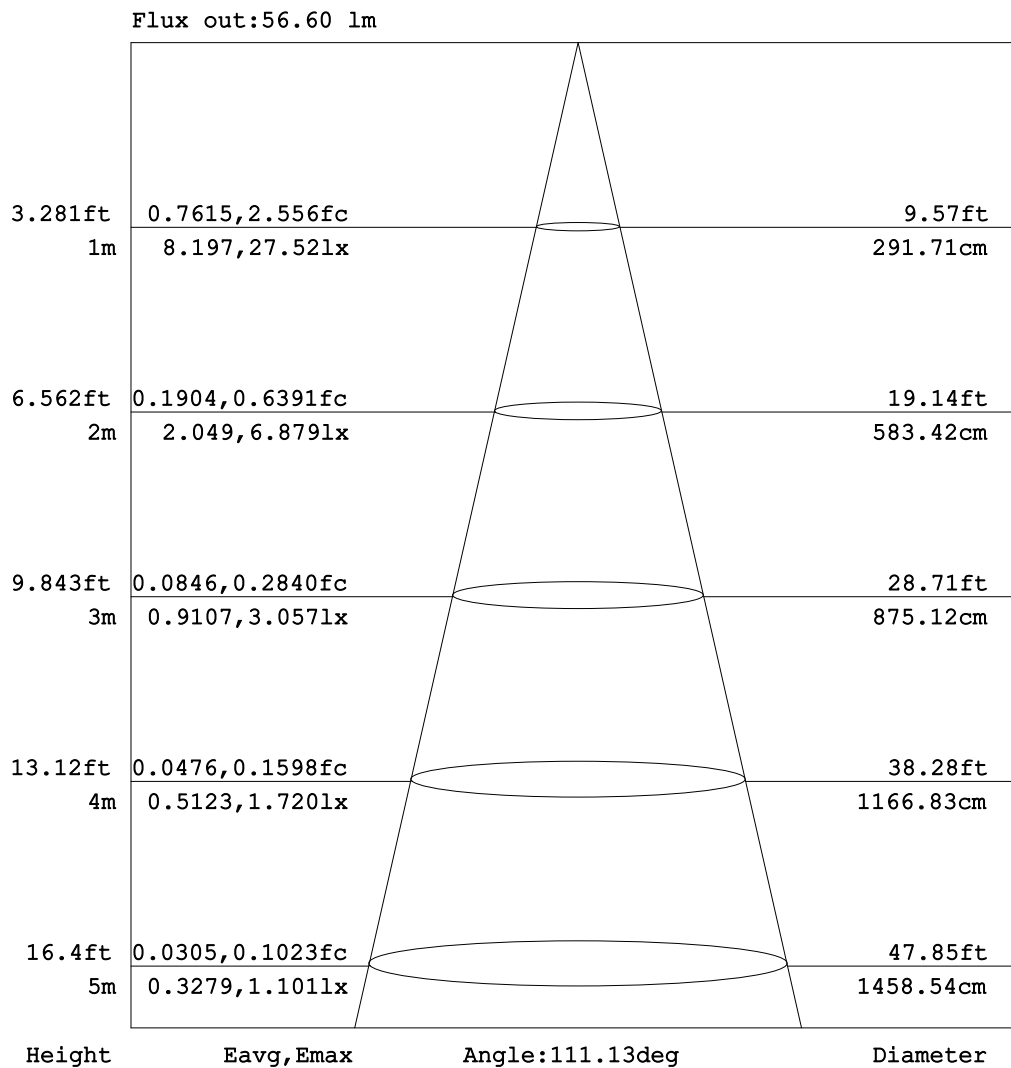


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



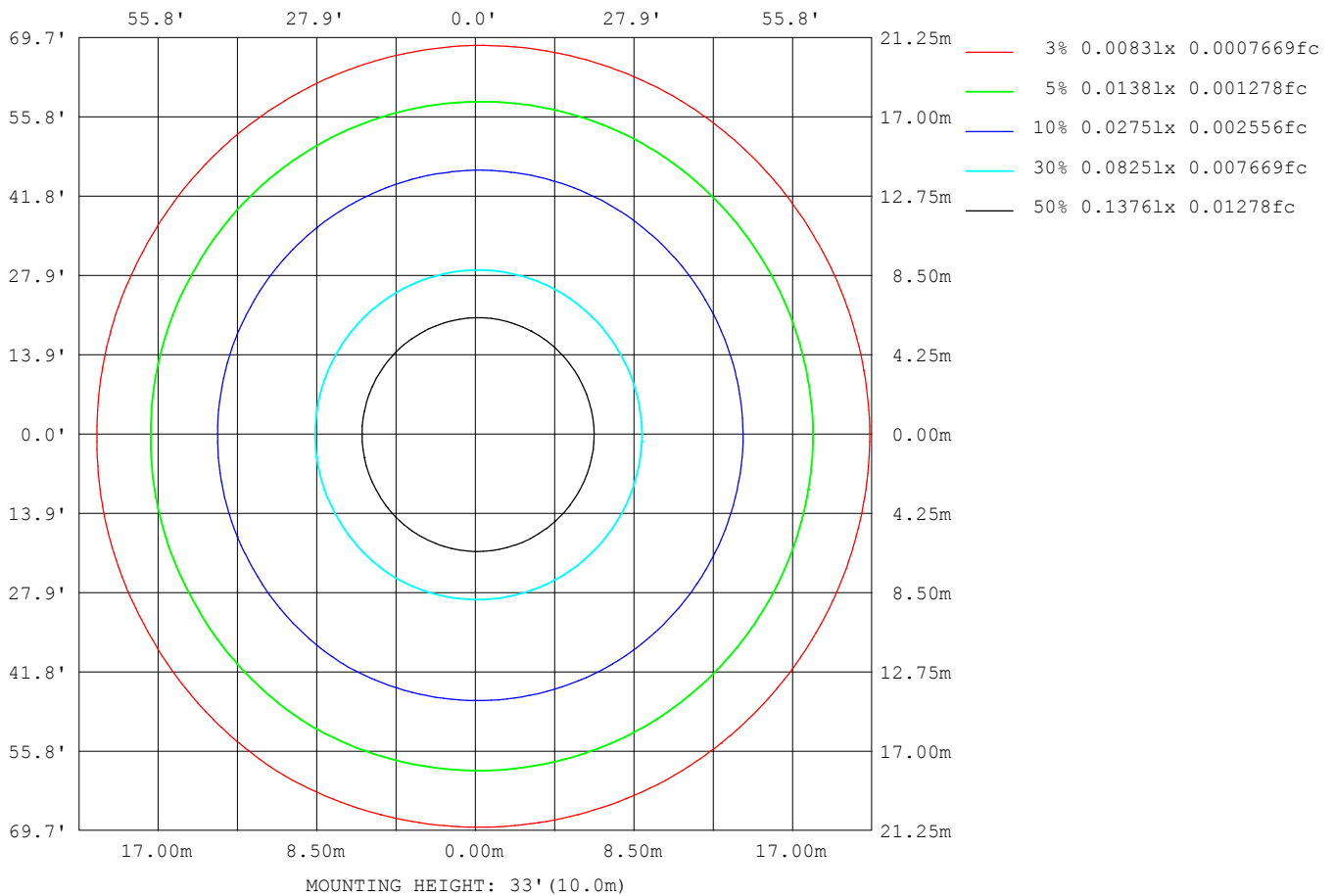
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

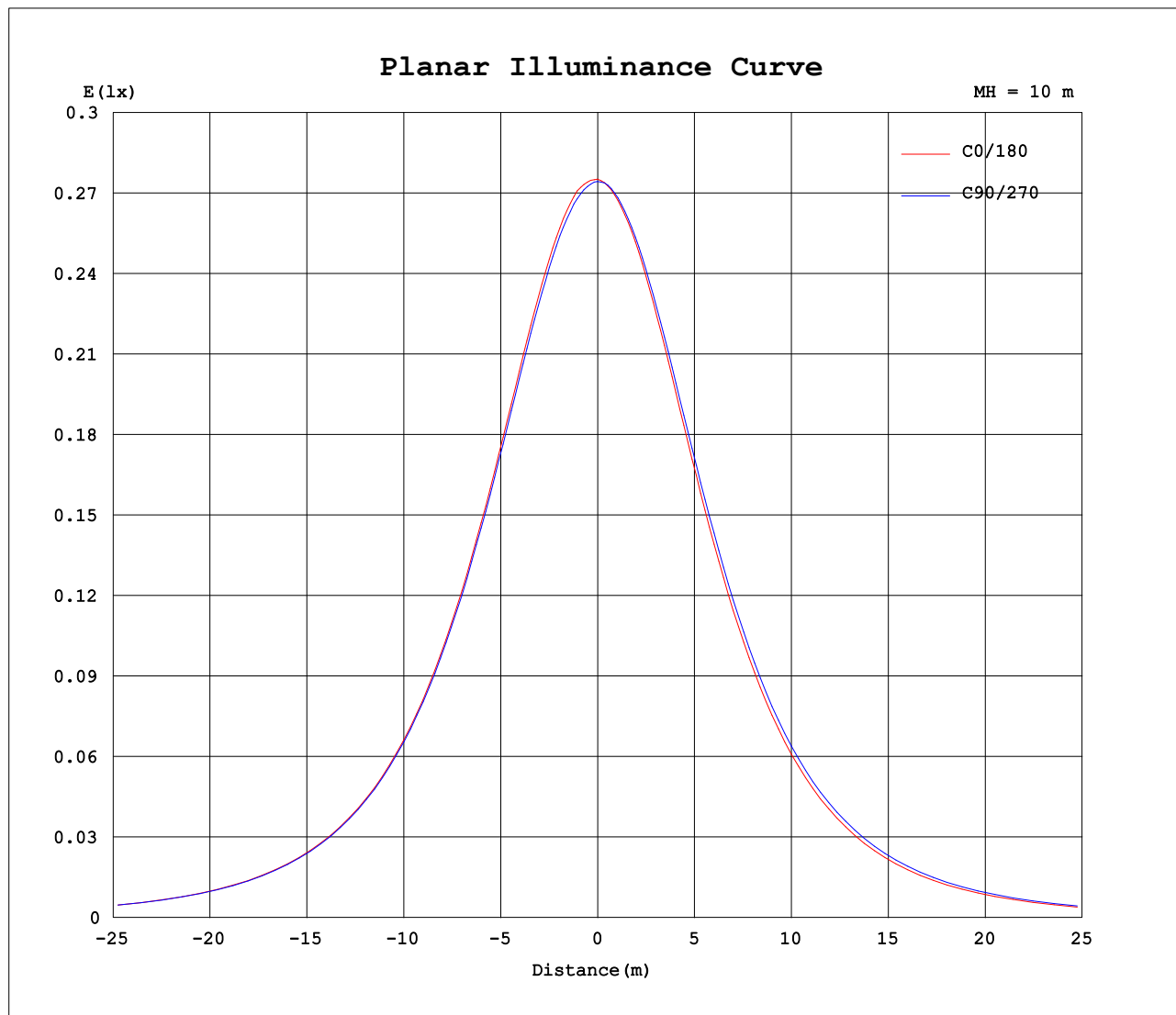
Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.800m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Lamp Flux:81.8819x1 lm		
NAME: SF09-24V-3535-84-RGB-G	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	27.5	27.5	27.4	27.4	27.3	27.3	27.5	27.5	27.4	27.4	27.3	27.3						
5	27.5	27.4	27.4	27.3	27.2	27.1	27.3	27.3	27.2	27.3	27.3	27.3						
10	27.3	27.2	27.1	26.9	26.8	26.6	26.8	26.8	26.8	26.9	26.9	27.0						
15	26.7	26.6	26.6	26.4	26.2	25.9	26.0	26.0	26.1	26.3	26.4	26.5						
20	25.9	25.9	25.8	25.6	25.3	25.0	25.0	25.0	25.2	25.4	25.5	25.7						
25	24.9	24.8	24.7	24.5	24.2	23.9	23.8	23.8	24.0	24.3	24.5	24.6						
30	23.6	23.6	23.5	23.3	23.0	22.5	22.4	22.4	22.7	23.0	23.2	23.4						
35	22.2	22.1	22.1	21.9	21.6	21.0	20.8	20.9	21.2	21.5	21.8	21.9						
40	20.5	20.5	20.5	20.3	20.0	19.3	19.1	19.2	19.5	19.9	20.1	20.3						
45	18.7	18.7	18.7	18.5	18.3	17.5	17.2	17.3	17.7	18.1	18.4	18.5						
50	16.8	16.8	16.8	16.6	16.4	15.6	15.3	15.4	15.7	16.2	16.4	16.6						
55	14.8	14.7	14.8	14.6	14.4	13.6	13.3	13.3	13.7	14.1	14.4	14.6						
60	12.6	12.6	12.7	12.5	12.3	11.5	11.1	11.2	11.6	12.0	12.3	12.4						
65	10.4	10.4	10.5	10.3	10.1	9.33	9.01	9.08	9.47	9.86	10.1	10.2						
70	8.14	8.15	8.25	8.04	7.93	7.14	6.84	6.90	7.30	7.68	7.94	7.95						
75	5.84	5.84	5.98	5.76	5.71	4.98	4.69	4.78	5.13	5.46	5.68	5.67						
80	3.61	3.60	3.78	3.60	3.61	2.91	2.69	2.78	3.05	3.34	3.48	3.45						
85	1.67	1.63	1.88	1.77	1.91	1.31	1.12	1.22	1.35	1.58	1.56	1.52						
90	0.45	0.37	0.76	0.75	1.12	0.53	0.32	0.47	0.48	0.60	0.38	0.32						
95	0.27	0.28	0.70	0.75	1.06	0.48	0.24	0.39	0.41	0.58	0.37	0.17						
100	0.26	0.30	0.70	0.74	1.04	0.48	0.24	0.35	0.41	0.58	0.40	0.17						
105	0.26	0.32	0.70	0.73	1.04	0.49	0.24	0.34	0.48	0.58	0.41	0.18						
110	0.28	0.34	0.70	0.73	1.03	0.49	0.24	0.34	0.48	0.57	0.42	0.17						
115	0.29	0.36	0.70	0.73	1.03	0.49	0.26	0.34	0.49	0.56	0.44	0.17						
120	0.29	0.37	0.70	0.73	1.02	0.49	0.28	0.34	0.50	0.55	0.45	0.20						
125	0.30	0.39	0.69	0.73	1.02	0.49	0.30	0.34	0.51	0.54	0.45	0.23						
130	0.33	0.42	0.66	0.69	0.97	0.49	0.34	0.34	0.51	0.54	0.46	0.28						
135	0.37	0.43	0.66	0.65	0.91	0.49	0.36	0.35	0.51	0.54	0.46	0.28						
140	0.39	0.44	0.64	0.63	0.80	0.48	0.39	0.37	0.51	0.53	0.47	0.30						
145	0.39	0.46	0.61	0.63	0.69	0.49	0.42	0.39	0.51	0.53	0.48	0.31						
150	0.41	0.47	0.59	0.60	0.64	0.50	0.44	0.39	0.51	0.53	0.48	0.34						
155	0.41	0.49	0.55	0.53	0.58	0.50	0.46	0.39	0.51	0.52	0.48	0.39						
160	0.44	0.50	0.53	0.53	0.55	0.51	0.48	0.41	0.51	0.52	0.49	0.39						
165	0.50	0.51	0.52	0.53	0.54	0.51	0.50	0.42	0.51	0.51	0.50	0.41						
170	0.50	0.52	0.51	0.53	0.52	0.52	0.52	0.44	0.51	0.51	0.51	0.42						
175	0.51	0.53	0.51	0.53	0.52	0.52	0.53	0.46	0.51	0.51	0.52	0.44						
180	0.53	0.53	0.53	0.53	0.48	0.53	0.53	0.48	0.51	0.53	0.53	0.51						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [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	27.52	27.47	27.42	27.43	27.34	27.29	27.52	27.47	27.42	27.43
3.0	27.52	27.47	27.42	27.36	27.34	27.20	27.38	27.41	27.33	27.41
6.0	27.53	27.41	27.39	27.23	27.19	27.00	27.17	27.18	27.14	27.26
9.0	27.35	27.23	27.21	27.02	26.95	26.75	26.88	26.89	26.89	27.02
12.0	27.07	26.99	26.94	26.74	26.61	26.37	26.49	26.49	26.53	26.71
15.0	26.73	26.64	26.56	26.37	26.19	25.91	26.00	26.01	26.10	26.28
18.0	26.28	26.19	26.10	25.93	25.70	25.41	25.44	25.45	25.56	25.79
21.0	25.74	25.65	25.57	25.37	25.13	24.79	24.79	24.81	24.97	25.21
24.0	25.12	25.03	24.95	24.78	24.48	24.12	24.06	24.09	24.28	24.55
27.0	24.41	24.32	24.26	24.08	23.77	23.37	23.27	23.31	23.50	23.83
30.0	23.62	23.56	23.49	23.32	23.00	22.53	22.41	22.44	22.69	23.03
33.0	22.79	22.71	22.66	22.51	22.15	21.65	21.49	21.51	21.79	22.15
36.0	21.86	21.79	21.76	21.59	21.26	20.68	20.49	20.54	20.84	21.22
39.0	20.88	20.82	20.80	20.61	20.36	19.67	19.46	19.54	19.82	20.23
42.0	19.84	19.78	19.78	19.62	19.36	18.63	18.38	18.43	18.77	19.19
45.0	18.75	18.68	18.70	18.52	18.30	17.50	17.24	17.32	17.66	18.09
48.0	17.60	17.56	17.57	17.41	17.17	16.37	16.10	16.17	16.51	16.95
51.0	16.40	16.37	16.39	16.24	16.02	15.19	14.89	14.98	15.34	15.78
54.0	15.19	15.16	15.21	15.02	14.82	13.98	13.67	13.77	14.12	14.58
57.0	13.93	13.92	13.95	13.79	13.58	12.75	12.43	12.52	12.89	13.31
60.0	12.64	12.64	12.69	12.52	12.33	11.49	11.15	11.23	11.64	12.01
63.0	11.32	11.30	11.38	11.19	11.02	10.18	9.857	9.970	10.34	10.73
66.0	9.964	9.970	10.05	9.838	9.694	8.903	8.576	8.654	9.061	9.382
69.0	8.607	8.598	8.711	8.501	8.378	7.587	7.260	7.352	7.745	8.086
72.0	7.223	7.219	7.347	7.157	7.035	6.250	5.958	6.085	6.415	6.778
75.0	5.837	5.842	5.982	5.759	5.712	4.976	4.691	4.776	5.128	5.462
78.0	4.479	4.477	4.638	4.471	4.417	3.716	3.459	3.563	3.860	4.187
81.0	3.177	3.161	3.363	3.162	3.225	2.553	2.323	2.441	2.669	2.960
84.0	2.013	1.991	2.200	2.089	2.193	1.583	1.382	1.471	1.645	1.873
87.0	1.035	0.9954	1.285	1.203	1.443	0.8715	0.6701	0.7983	0.8502	1.027
90.0	0.4515	0.3734	0.7630	0.7480	1.116	0.5330	0.3183	0.4714	0.4774	0.5962
93.0	0.2981	0.2840	0.7134	0.7480	1.074	0.4848	0.2767	0.4087	0.4155	0.5818
96.0	0.2633	0.2840	0.6995	0.7479	1.053	0.4848	0.2355	0.3741	0.4086	0.5818
99.0	0.2632	0.2910	0.6995	0.7411	1.039	0.4848	0.2355	0.3532	0.4086	0.5818
102.0	0.2632	0.3118	0.6995	0.7411	1.039	0.4848	0.2355	0.3394	0.4710	0.5818
105.0	0.2632	0.3186	0.6995	0.7341	1.039	0.4917	0.2356	0.3394	0.4779	0.5818
108.0	0.2700	0.3326	0.6995	0.7341	1.032	0.4917	0.2424	0.3394	0.4848	0.5818
111.0	0.2908	0.3464	0.6995	0.7341	1.032	0.4917	0.2424	0.3394	0.4917	0.5679
114.0	0.2909	0.3533	0.6995	0.7341	1.032	0.4917	0.2563	0.3394	0.4917	0.5610
117.0	0.2909	0.3739	0.6995	0.7341	1.032	0.4917	0.2633	0.3394	0.4918	0.5541
120.0	0.2909	0.3671	0.6995	0.7341	1.018	0.4917	0.2839	0.3394	0.4987	0.5541
123.0	0.2977	0.3879	0.6927	0.7410	1.018	0.4917	0.2910	0.3394	0.5057	0.5402
126.0	0.3184	0.4018	0.6925	0.7272	0.9975	0.4917	0.3118	0.3394	0.5056	0.5402
129.0	0.3255	0.4087	0.6649	0.7063	0.9767	0.4917	0.3188	0.3394	0.5056	0.5402
132.0	0.3393	0.4293	0.6649	0.6648	0.9489	0.4917	0.3325	0.3394	0.5056	0.5402
135.0	0.3739	0.4295	0.6580	0.6510	0.9144	0.4917	0.3601	0.3532	0.5056	0.5402
138.0	0.3878	0.4364	0.6442	0.6440	0.8799	0.4848	0.3672	0.3670	0.5056	0.5333
141.0	0.3878	0.4502	0.6373	0.6303	0.7623	0.4918	0.3879	0.3877	0.5056	0.5333
144.0	0.3949	0.4640	0.6165	0.6303	0.7134	0.4917	0.4018	0.3878	0.5056	0.5333
147.0	0.3948	0.4641	0.6026	0.6302	0.6787	0.4917	0.4226	0.3948	0.5056	0.5402
150.0	0.4086	0.4710	0.5887	0.6025	0.6373	0.4987	0.4433	0.3948	0.5056	0.5264
153.0	0.4086	0.4780	0.5681	0.5471	0.5959	0.4987	0.4434	0.3948	0.5056	0.5264
156.0	0.4223	0.4986	0.5472	0.5264	0.5749	0.4987	0.4573	0.3948	0.5056	0.5194
159.0	0.4225	0.4987	0.5402	0.5264	0.5472	0.5056	0.4711	0.3948	0.5193	0.5263
162.0	0.4502	0.5056	0.5264	0.5264	0.5402	0.5194	0.4917	0.4087	0.5056	0.5125
165.0	0.4987	0.5125	0.5194	0.5264	0.5400	0.5125	0.4987	0.4224	0.5056	0.5057
168.0	0.4987	0.5126	0.5057	0.5264	0.5195	0.5125	0.4224	0.5125	0.5056	0.5056
171.0	0.4987	0.5264	0.5056	0.5264	0.5194	0.5194	0.5263	0.4363	0.5263	0.5056
174.0	0.5124	0.5264	0.5125	0.5264	0.5194	0.5194	0.5264	0.4570	0.5125	0.5056
177.0	0.5125	0.5264	0.5125	0.5264	0.5194	0.5195	0.5264	0.4640	0.5125	0.5056
180.0	0.5264	0.5264	0.5264	0.5264	0.4848	0.5264	0.5264	0.4779	0.5125	0.5264
G/C	300.0	330.0								
0.0	27.34	27.29								
3.0	27.32	27.30								
6.0	27.20	27.28								
9.0	27.00	27.11								
12.0	26.73	26.84								
15.0	26.36	26.46								
18.0	25.89	26.01								
21.0	25.35	25.47								
24.0	24.72	24.83								
27.0	24.00	24.15								
30.0	23.25	23.36								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-01-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

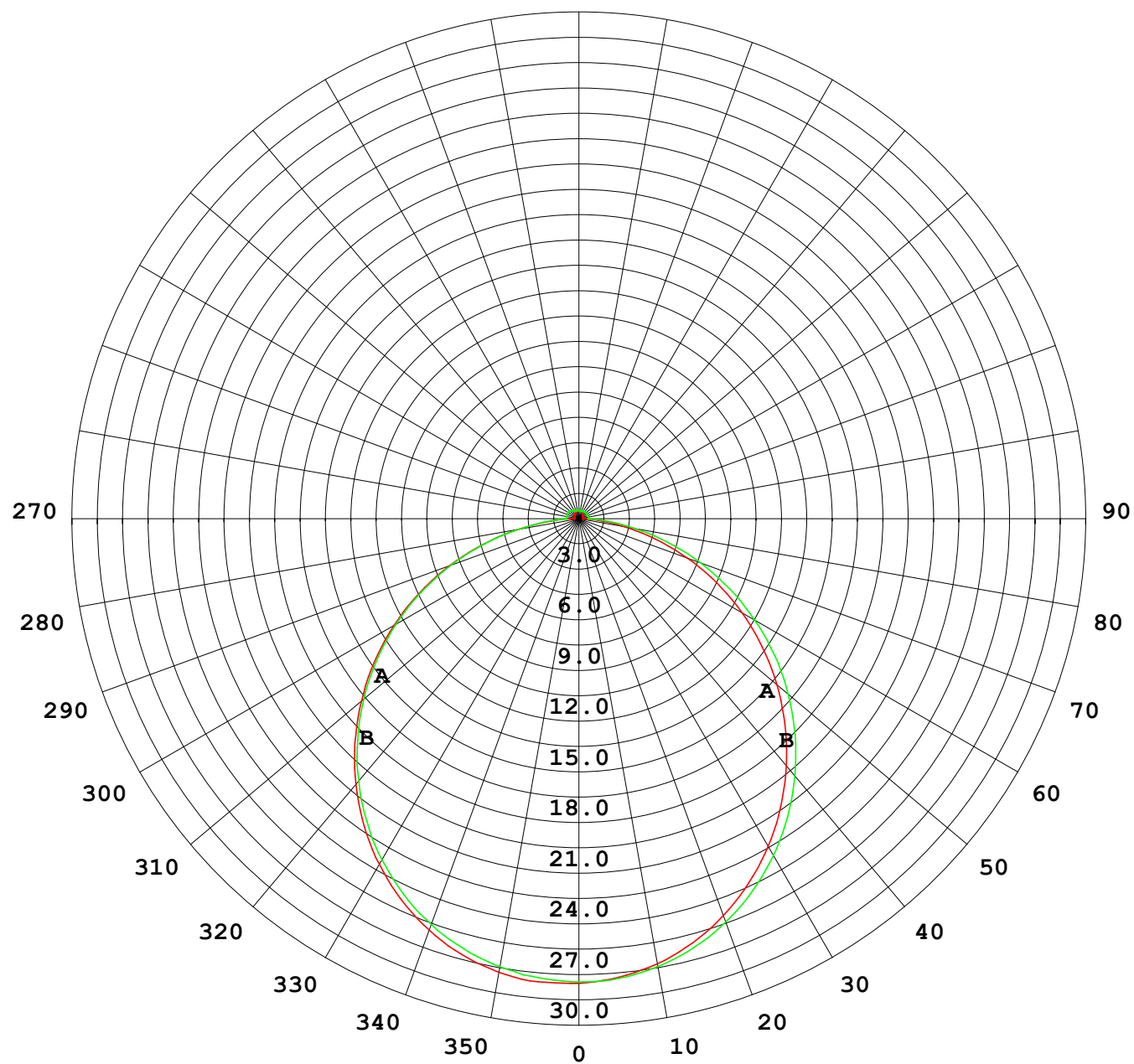
Photometric Data Table [cd]

33.0	22.39	22.53
36.0	21.47	21.58
39.0	20.50	20.61
42.0	19.46	19.58
45.0	18.37	18.50
48.0	17.23	17.35
51.0	16.07	16.20
54.0	14.86	14.98
57.0	13.60	13.72
60.0	12.33	12.42
63.0	11.02	11.14
66.0	9.712	9.742
69.0	8.389	8.439
72.0	7.024	7.069
75.0	5.682	5.670
78.0	4.352	4.339
81.0	3.063	3.044
84.0	1.907	1.867
87.0	0.9463	0.9100
90.0	0.3808	0.3196
93.0	0.3740	0.1941
96.0	0.3740	0.1663
99.0	0.3811	0.1662
102.0	0.4155	0.1662
105.0	0.4088	0.1800
108.0	0.4156	0.1731
111.0	0.4225	0.1731
114.0	0.4295	0.1731
117.0	0.4363	0.1801
120.0	0.4501	0.2008
123.0	0.4433	0.2078
126.0	0.4502	0.2492
129.0	0.4571	0.2700
132.0	0.4640	0.2770
135.0	0.4641	0.2770
138.0	0.4710	0.2840
141.0	0.4847	0.3047
144.0	0.4779	0.3116
147.0	0.4779	0.3323
150.0	0.4779	0.3393
153.0	0.4848	0.3671
156.0	0.4848	0.3878
159.0	0.4849	0.3878
162.0	0.4917	0.3878
165.0	0.4987	0.4086
168.0	0.4987	0.4086
171.0	0.5057	0.4225
174.0	0.5194	0.4294
177.0	0.5194	0.4706
180.0	0.5264	0.5056

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

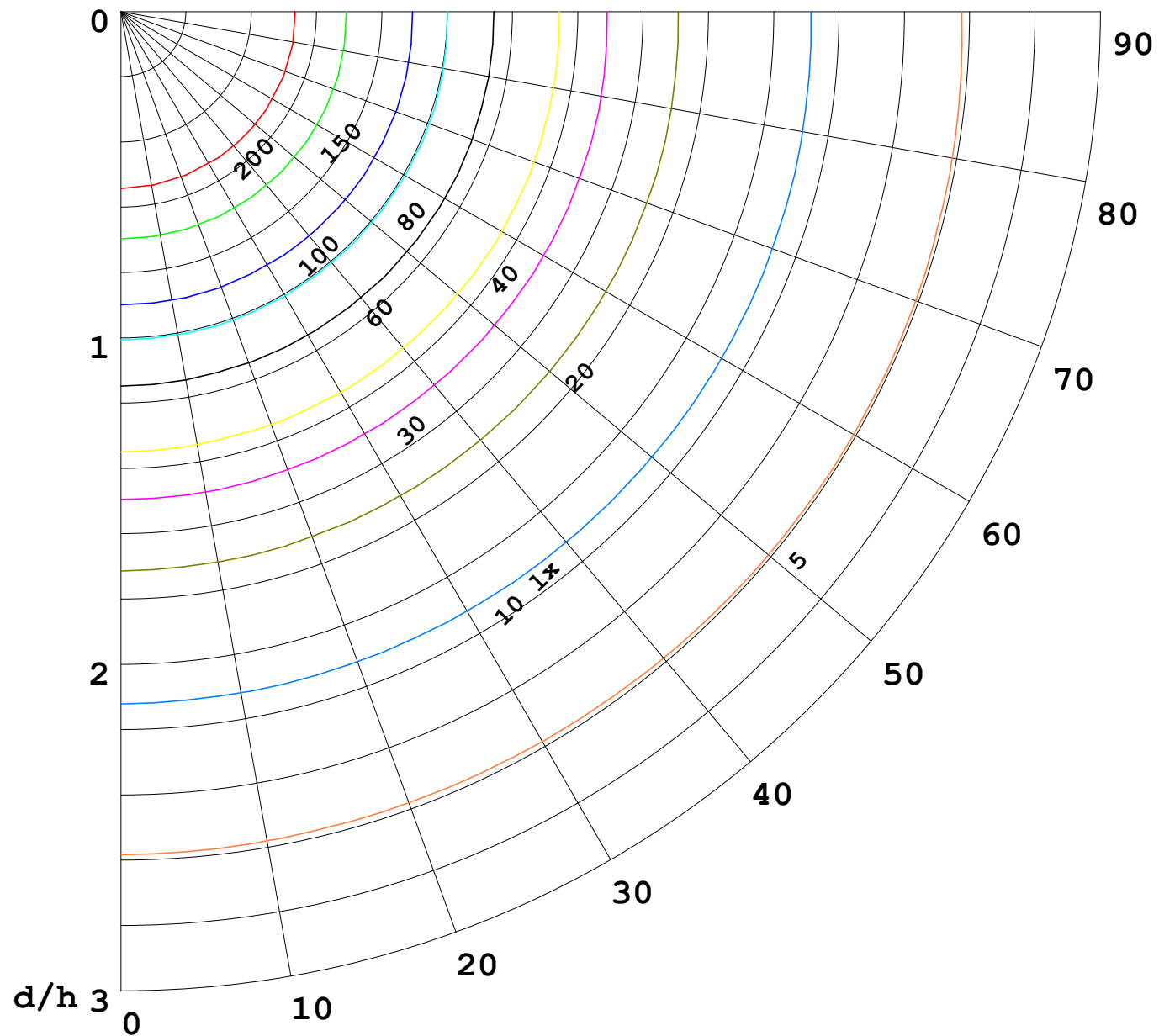
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:

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

