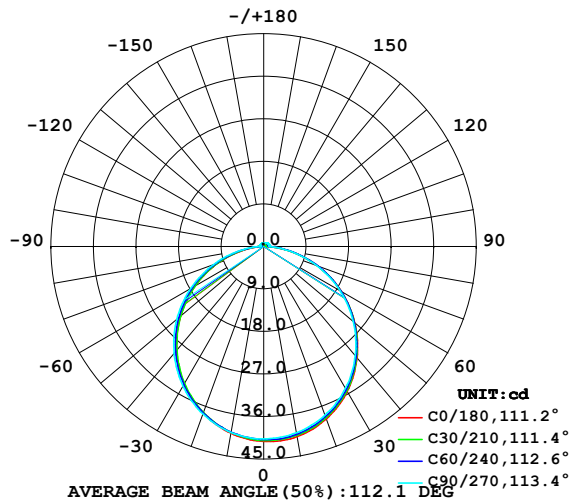


LUMINAIRE PHOTOMETRIC TEST REPORT

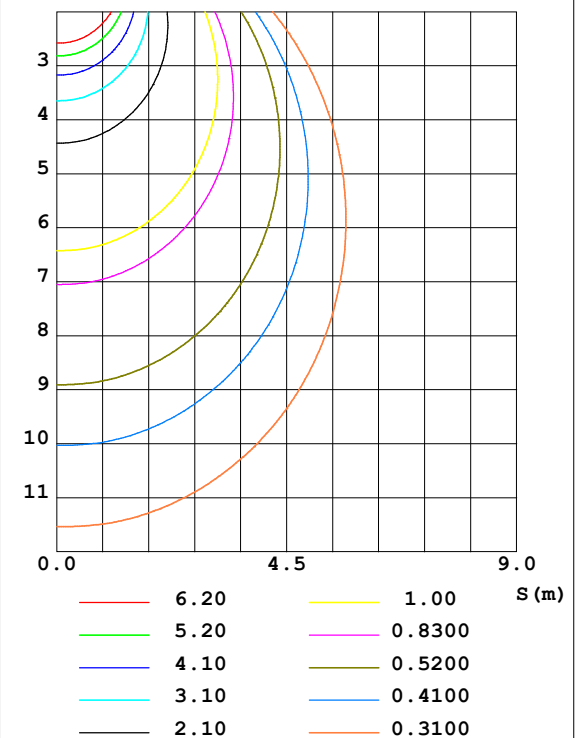
Test:U:24.00V I:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.: 202301001
MFR.: OLYMPIA	SUR.: 1*0.016	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 9.23 lm/W
MODEL	3535	I _{max} (cd)	41.28	S/MH (C0/180)	1.27	
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.27	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	121.98	η UP, DN (C0-180)	2.2, 48.9	
NOMINAL FLUX (lm)	121.976	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 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)



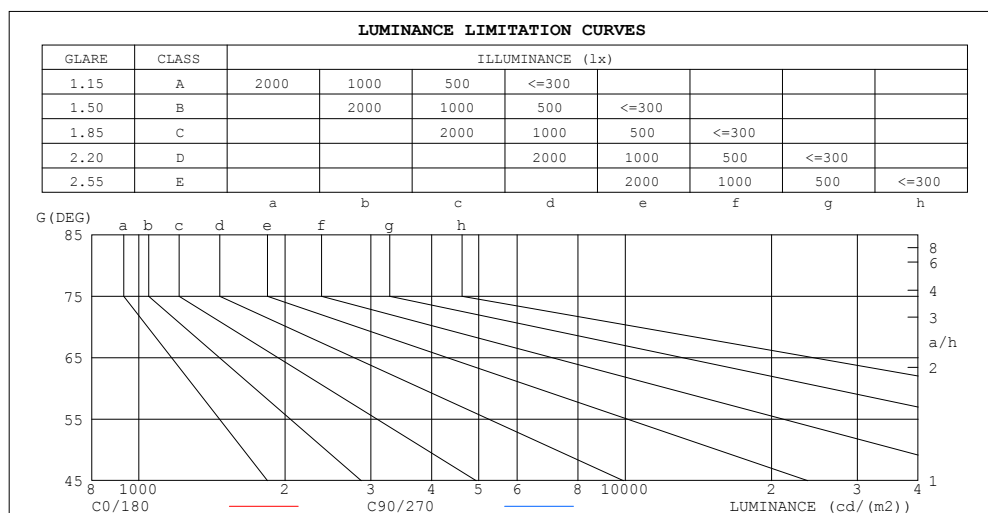
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

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	40.85	40.47	40.01	39.56	40.12	39.91	39.94	39.93	0- 10	3.859	3.859	3.16,3.16
20	38.82	38.45	37.98	37.25	37.51	37.42	37.69	37.87	10- 20	11.04	14.90	12.2,12.2
30	35.40	35.08	34.63	33.69	33.61	33.62	34.15	34.49	20- 30	16.69	31.59	25.9,25.9
40	30.74	30.52	30.18	29.12	28.67	28.80	29.50	29.95	30- 40	20.08	51.66	42.4,42.4
50	25.16	25.04	24.75	23.69	22.97	23.20	24.00	24.46	40- 50	20.82	72.48	59.4,59.4
60	18.93	18.89	18.64	17.63	16.77	17.07	17.86	18.36	50- 60	18.89	91.37	74.9,74.9
70	12.18	12.28	12.02	11.13	10.31	10.64	11.35	11.83	60- 70	14.61	106.0	86.9,86.9
80	5.347	5.552	5.376	4.838	4.094	4.404	4.943	5.231	70- 80	8.626	114.6	94,94
90	0.6809	0.8868	1.170	1.209	0.5328	0.7413	0.8734	0.5479	80- 90	2.727	117.3	96.2,96.2
100	0.3948	0.7584	1.163	1.105	0.3532	0.6268	0.8657	0.4259	90-100	0.8063	118.1	96.9,96.9
110	0.4086	0.7896	1.157	1.101	0.3810	0.6164	0.8519	0.4537	100-110	0.7629	118.9	97.5,97.5
120	0.5056	0.8138	1.094	1.105	0.4156	0.6303	0.8242	0.5090	110-120	0.7310	119.6	98.1,98.1
130	0.5331	0.8207	1.060	1.067	0.4919	0.6336	0.8034	0.5471	120-130	0.6713	120.3	98.6,98.6
140	0.6094	0.8069	0.9835	0.9492	0.5819	0.6510	0.8034	0.6129	130-140	0.5835	120.9	99.1,99.1
150	0.6440	0.7966	0.9279	0.8451	0.6649	0.6787	0.7965	0.6337	140-150	0.4705	121.4	99.5,99.5
160	0.7272	0.7654	0.7757	0.7792	0.7136	0.6926	0.7688	0.6683	150-160	0.3413	121.7	99.8,99.8
170	0.7272	0.7549	0.7757	0.7480	0.7549	0.7203	0.7550	0.7099	160-170	0.2090	121.9	99.9,99.9
180	0.7341	0.7549	0.7757	0.7445	0.7341	0.7307	0.7549	0.7480	170-180	0.0709	122.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	280	300
80	308	310
75	337	334
70	356	352
65	369	364
60	379	373
55	386	380
50	391	385
45	397	390

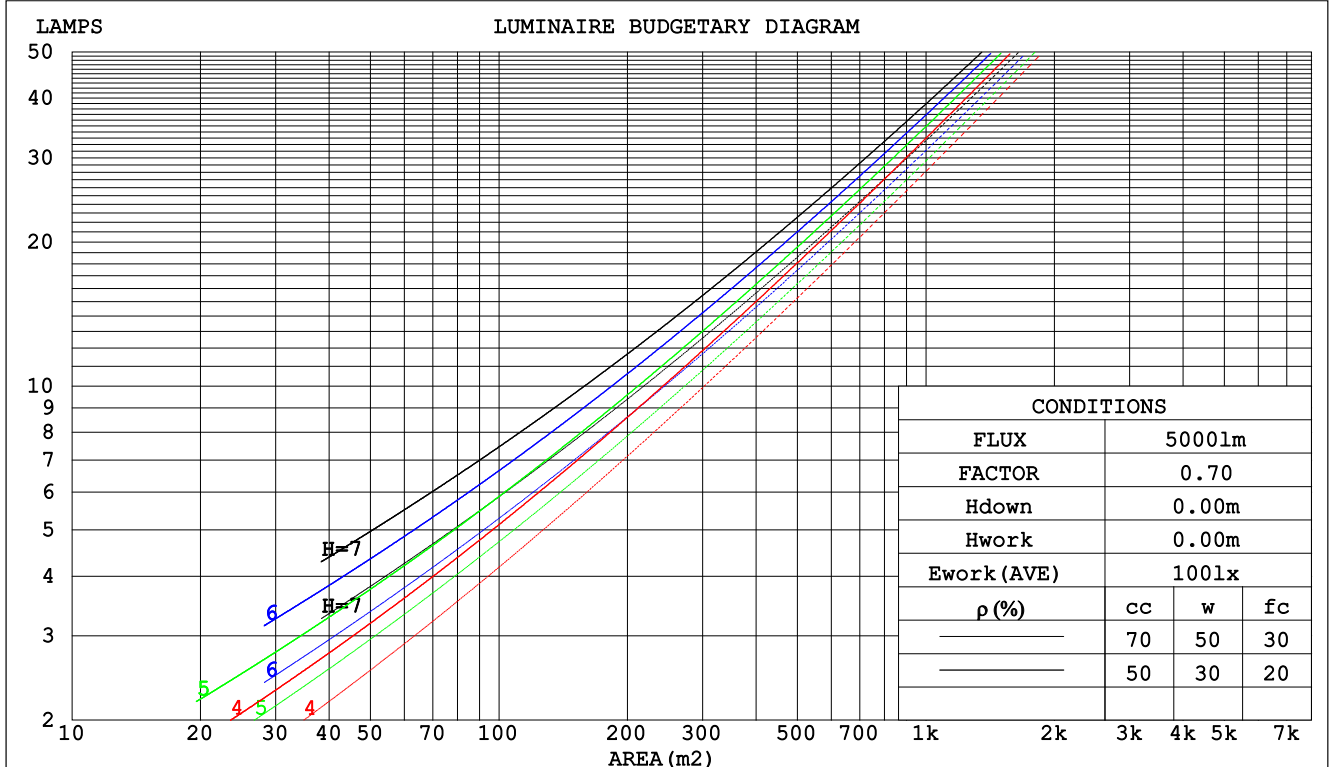
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-01-05

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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	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	.63	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.48	.42	.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	.27	.37	.31	.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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm					
NAME: SF09-24V-3535-84-RGB-总			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	.179	.057	.306	.174	.055	.290	.167	.053	.276	.159	.051	.263	.153	.049	
2.0	.294	.161	.049	.286	.158	.049	.272	.152	.047	.260	.146	.046	.248	.140	.044	
3.0	.271	.144	.043	.264	.142	.043	.252	.137	.042	.241	.132	.040	.230	.127	.039	
4.0	.249	.130	.038	.244	.127	.038	.233	.123	.037	.223	.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	.174	.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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.210	.185	.163	.180	.159	.141	.123	.109	.097	.071	.063	.057	.023	.020	.018	
2.0	.202	.161	.127	.173	.139	.110	.119	.096	.077	.068	.056	.045	.022	.018	.015	
3.0	.194	.144	.104	.167	.124	.090	.114	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.187	.131	.088	.160	.113	.076	.110	.079	.054	.064	.046	.032	.021	.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	.043	.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	.159	.100	.059	.137	.086	.051	.095	.061	.036	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.055	.132	.082	.048	.091	.058	.034	.053	.034	.020	.017	.011	.007	
10.0	.147	.090	.053	.127	.078	.046	.088	.055	.033	.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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm											
NAME: SF09-24V-3535-84-RGB-总					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	9.5	11.0	9.8	11.2	11.5	9.5	10.9	9.8	11.2	11.5	
	3H	11.1	12.5	11.5	12.8	13.1	11.1	12.4	11.4	12.7	13.0
	4H	11.8	13.1	12.1	13.4	13.7	11.7	13.0	12.1	13.3	13.7
	6H	12.2	13.5	12.6	13.8	14.2	12.2	13.4	12.6	13.8	14.1
	8H	12.4	13.6	12.8	13.9	14.3	12.4	13.5	12.8	13.9	14.3
	12H	12.5	13.6	12.9	14.0	14.4	12.5	13.6	12.9	14.0	14.4
4H	2H	10.1	11.4	10.5	11.7	12.1	10.1	11.4	10.5	11.7	12.0
	3H	11.9	13.0	12.3	13.4	13.8	11.9	13.0	12.3	13.4	13.8
	4H	12.7	13.7	13.1	14.1	14.5	12.7	13.7	13.1	14.1	14.5
	6H	13.3	14.2	13.8	14.6	15.1	13.3	14.2	13.8	14.6	15.1
	8H	13.5	14.4	14.0	14.8	15.3	13.5	14.4	14.0	14.8	15.3
	12H	13.7	14.5	14.2	14.9	15.4	13.7	14.5	14.2	14.9	15.4
8H	4H	13.0	13.8	13.5	14.3	14.8	13.0	13.8	13.5	14.3	14.7
	6H	13.8	14.5	14.3	14.9	15.5	13.8	14.5	14.3	15.0	15.5
	8H	14.1	14.7	14.6	15.2	15.7	14.1	14.7	14.6	15.2	15.8
	12H	14.3	14.8	14.8	15.3	15.9	14.4	14.9	14.9	15.4	16.0
12H	4H	13.0	13.8	13.5	14.2	14.7	13.0	13.8	13.5	14.2	14.7
	6H	13.8	14.5	14.4	15.0	15.5	13.8	14.5	14.4	15.0	15.5
	8H	14.2	14.7	14.7	15.2	15.8	14.2	14.8	14.8	15.3	15.8
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 122.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -7.3)

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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

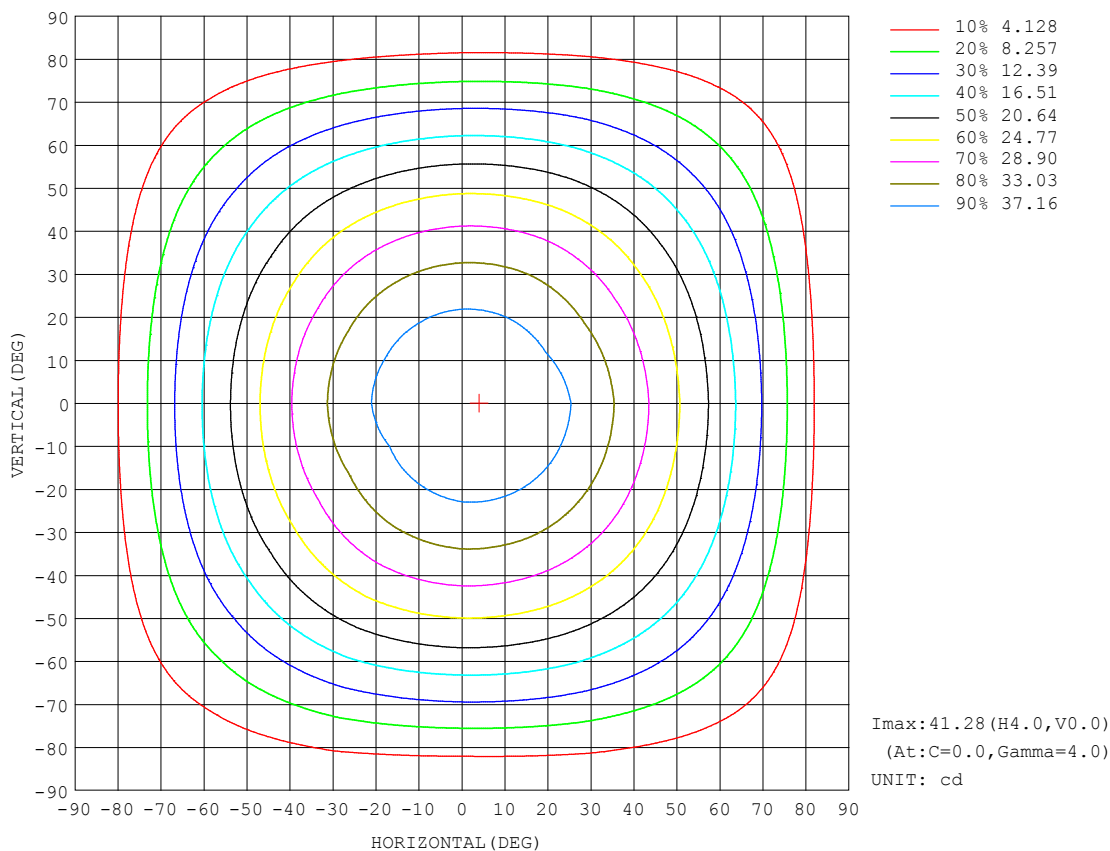
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	70	63	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	80	75	66
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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:

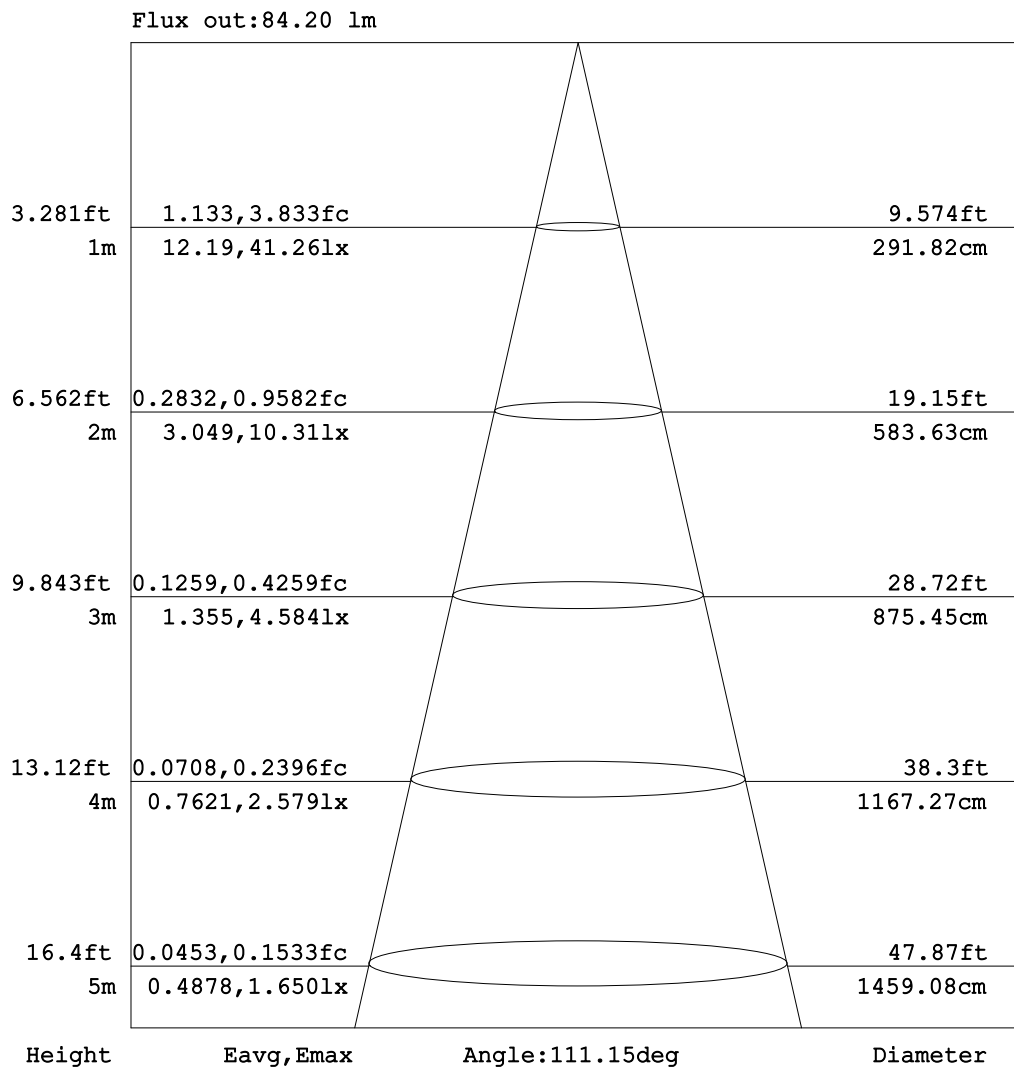


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-01-05

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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



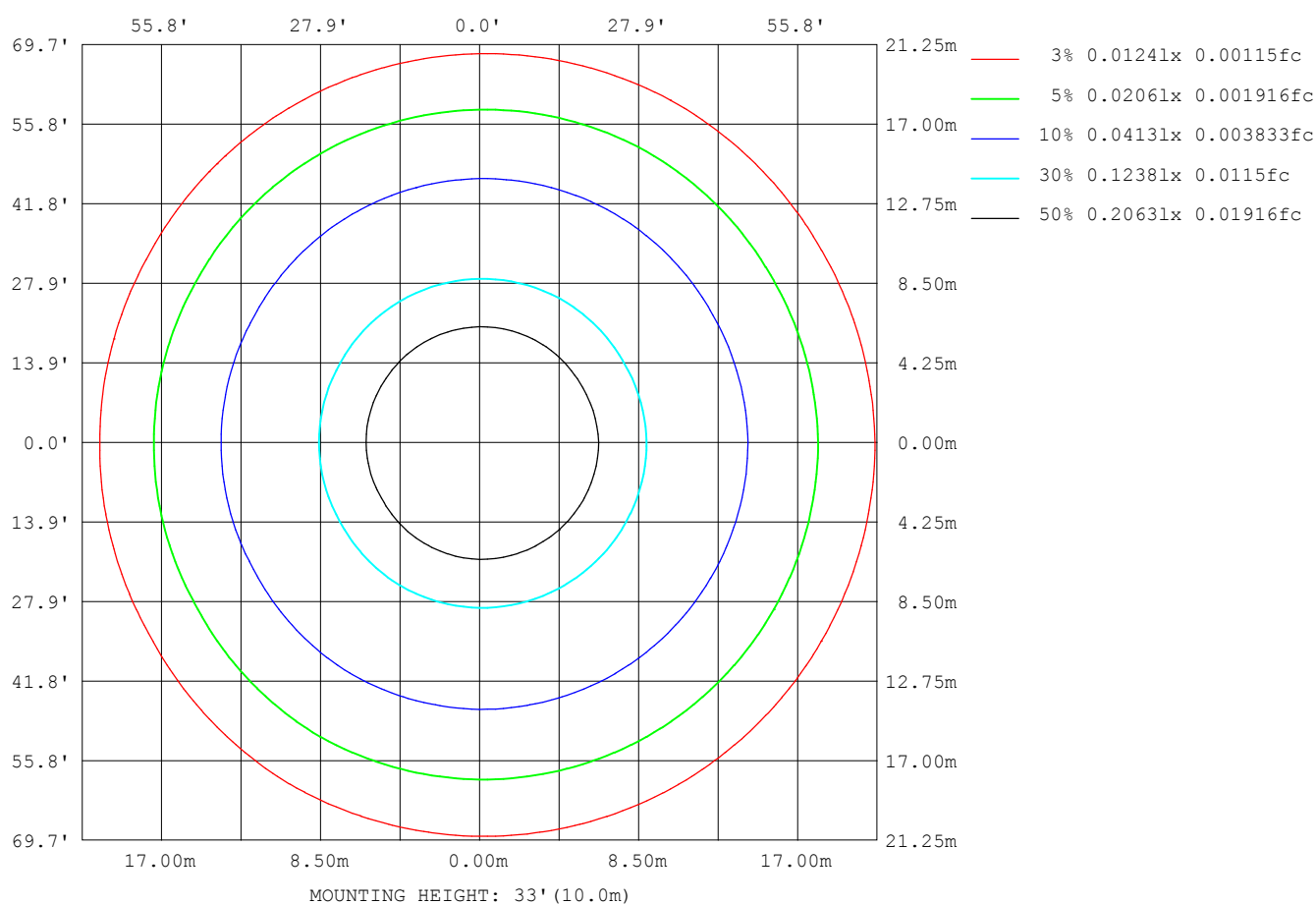
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

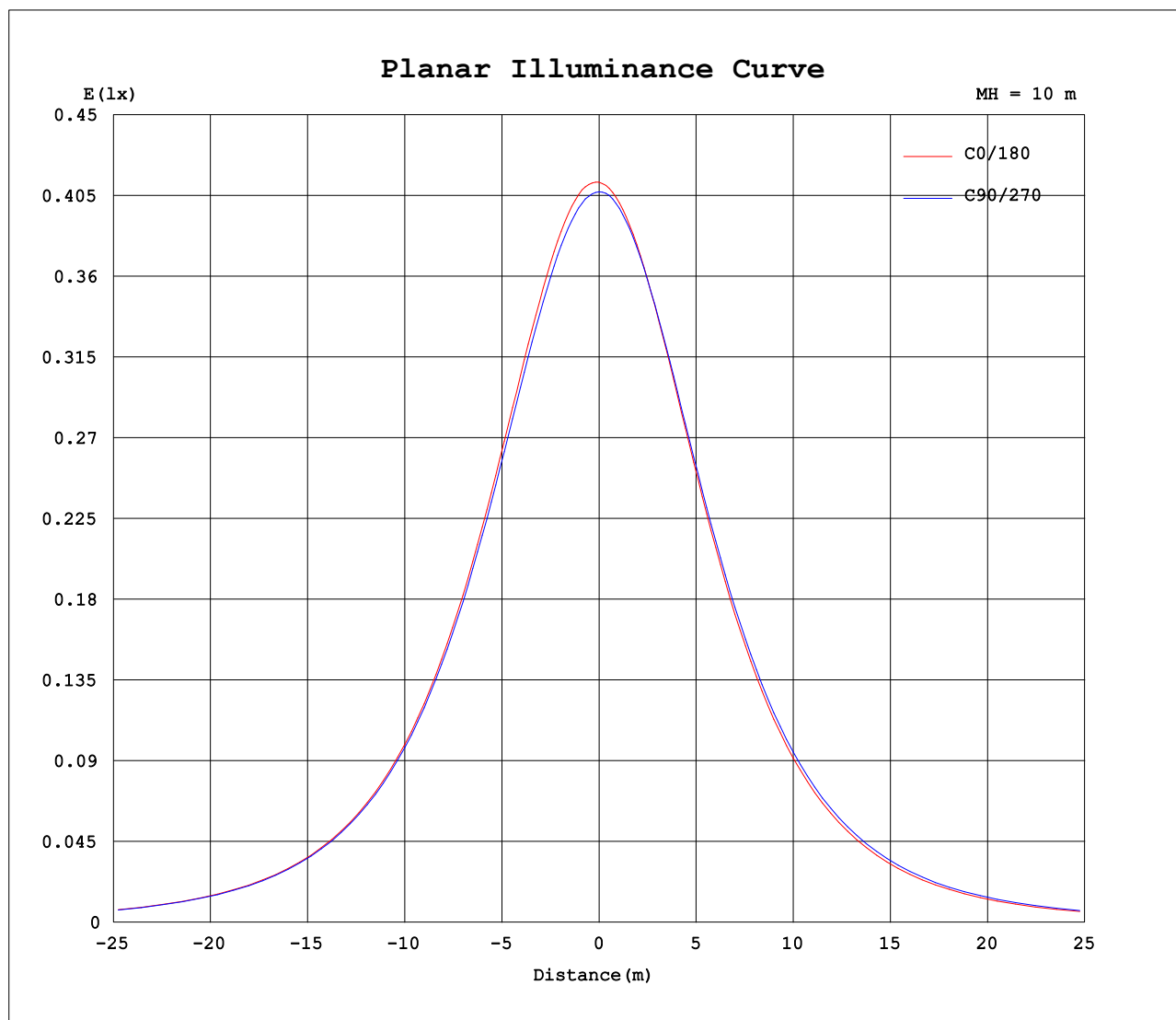
Test:U:24.00V I:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	TYPE: 硅胶	WEIGHT:
DIM.: 16mm*8mm	SPEC.:	SERIAL No.:202301001
MFR.: OLYMPIA	SUR.:1*0.016	PROTECTION ANGLE:



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:

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:0.5509A P:13.22W PF:1.000 Lamp Flux:121.976x1 lm		
NAME: SF09-24V-3535-84-RGB-总	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	41.3	41.1	40.8	40.7	40.5	40.4	41.3	41.1	40.8	40.7	40.5	40.4						
5	41.3	41.0	40.8	40.5	40.4	40.1	40.9	40.7	40.5	40.5	40.4	40.4						
10	40.8	40.6	40.4	40.0	39.7	39.4	40.1	39.9	39.9	39.9	39.9	39.9						
15	40.0	39.8	39.5	39.1	38.8	38.4	39.0	38.8	38.8	39.0	39.1	39.1						
20	38.8	38.6	38.3	38.0	37.5	37.0	37.5	37.3	37.5	37.7	37.8	37.9						
25	37.3	37.1	36.8	36.5	35.9	35.3	35.7	35.5	35.8	36.1	36.3	36.4						
30	35.4	35.2	34.9	34.6	34.0	33.3	33.6	33.5	33.8	34.2	34.4	34.5						
35	33.2	33.0	32.8	32.5	31.9	31.1	31.2	31.1	31.5	32.0	32.3	32.4						
40	30.7	30.6	30.4	30.2	29.6	28.6	28.7	28.6	29.0	29.5	29.9	30.0						
45	28.1	27.9	27.8	27.6	27.0	26.0	25.9	25.9	26.3	26.8	27.2	27.4						
50	25.2	25.1	25.0	24.7	24.3	23.1	23.0	23.0	23.4	24.0	24.4	24.5						
55	22.1	22.1	22.0	21.8	21.3	20.1	19.9	19.9	20.5	21.0	21.4	21.5						
60	18.9	18.9	18.9	18.6	18.2	17.0	16.8	16.8	17.3	17.9	18.3	18.4						
65	15.6	15.6	15.6	15.4	15.0	13.9	13.6	13.6	14.2	14.6	15.1	15.2						
70	12.2	12.2	12.3	12.0	11.7	10.6	10.3	10.4	10.9	11.3	11.8	11.8						
75	8.72	8.82	8.95	8.65	8.39	7.41	7.09	7.13	7.70	8.10	8.49	8.49						
80	5.35	5.44	5.66	5.38	5.28	4.39	4.09	4.20	4.61	4.94	5.26	5.21						
85	2.44	2.44	2.80	2.61	2.74	2.03	1.73	1.85	2.06	2.28	2.36	2.30						
90	0.68	0.62	1.15	1.17	1.56	0.86	0.53	0.73	0.75	0.87	0.60	0.50						
95	0.41	0.44	1.06	1.17	1.49	0.74	0.39	0.59	0.73	0.87	0.57	0.26						
100	0.39	0.46	1.06	1.16	1.47	0.74	0.35	0.53	0.72	0.87	0.60	0.25						
105	0.39	0.48	1.07	1.16	1.45	0.74	0.36	0.51	0.72	0.87	0.62	0.27						
110	0.41	0.51	1.07	1.16	1.45	0.75	0.38	0.51	0.72	0.85	0.63	0.28						
115	0.46	0.55	1.07	1.14	1.45	0.75	0.39	0.51	0.75	0.83	0.66	0.30						
120	0.51	0.57	1.06	1.09	1.45	0.75	0.42	0.51	0.75	0.82	0.66	0.36						
125	0.51	0.60	1.03	1.08	1.41	0.75	0.46	0.51	0.75	0.80	0.67	0.39						
130	0.53	0.62	1.02	1.06	1.39	0.75	0.49	0.53	0.74	0.80	0.69	0.41						
135	0.59	0.66	0.98	1.05	1.29	0.74	0.53	0.54	0.74	0.80	0.70	0.45						
140	0.61	0.66	0.96	0.98	1.16	0.74	0.58	0.56	0.74	0.80	0.71	0.51						
145	0.62	0.70	0.92	0.96	1.04	0.73	0.62	0.62	0.74	0.80	0.72	0.53						
150	0.64	0.71	0.88	0.93	0.95	0.74	0.66	0.62	0.74	0.80	0.72	0.55						
155	0.67	0.73	0.83	0.84	0.87	0.74	0.69	0.62	0.74	0.78	0.72	0.60						
160	0.73	0.73	0.80	0.78	0.82	0.74	0.71	0.64	0.74	0.77	0.73	0.61						
165	0.73	0.73	0.78	0.78	0.78	0.74	0.75	0.69	0.75	0.76	0.75	0.64						
170	0.73	0.73	0.78	0.78	0.77	0.73	0.75	0.71	0.73	0.76	0.75	0.66						
175	0.73	0.73	0.78	0.78	0.77	0.73	0.75	0.71	0.73	0.75	0.75	0.70						
180	0.73	0.73	0.78	0.78	0.77	0.72	0.73	0.73	0.73	0.75	0.75	0.74						

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	41.26	41.06	40.83	40.70	40.52	40.39	41.26	41.06	40.83	40.70
3.0	41.28	41.06	40.84	40.63	40.49	40.24	41.08	40.90	40.71	40.68
6.0	41.22	40.94	40.76	40.47	40.25	39.96	40.76	40.59	40.44	40.45
9.0	40.97	40.69	40.48	40.15	39.88	39.56	40.29	40.13	40.03	40.09
12.0	40.57	40.31	40.05	39.72	39.38	39.00	39.71	39.53	39.50	39.61
15.0	40.03	39.77	39.50	39.15	38.77	38.37	38.98	38.81	38.84	38.99
18.0	39.33	39.09	38.82	38.51	38.03	37.56	38.13	37.98	38.05	38.26
21.0	38.55	38.30	38.03	37.68	37.20	36.68	37.17	37.01	37.17	37.42
24.0	37.62	37.41	37.12	36.82	36.25	35.69	36.09	35.93	36.14	36.43
27.0	36.57	36.37	36.09	35.78	35.19	34.53	34.89	34.77	35.01	35.36
30.0	35.40	35.22	34.95	34.63	34.03	33.34	33.61	33.46	33.79	34.15
33.0	34.11	33.98	33.71	33.43	32.78	32.01	32.22	32.09	32.46	32.86
36.0	32.74	32.59	32.37	32.08	31.43	30.59	30.74	30.63	31.03	31.47
39.0	31.26	31.11	30.94	30.64	30.08	29.14	29.21	29.10	29.55	30.01
42.0	29.70	29.61	29.42	29.15	28.60	27.58	27.59	27.49	27.97	28.44
45.0	28.06	27.93	27.83	27.56	27.01	25.97	25.90	25.86	26.33	26.85
48.0	26.36	26.28	26.16	25.88	25.37	24.28	24.15	24.09	24.61	25.16
51.0	24.57	24.49	24.42	24.18	23.69	22.53	22.38	22.31	22.87	23.43
54.0	22.74	22.68	22.64	22.35	21.89	20.72	20.54	20.50	21.07	21.64
57.0	20.85	20.81	20.77	20.56	20.06	18.91	18.68	18.62	19.23	19.79
60.0	18.93	18.89	18.89	18.64	18.22	17.04	16.77	16.80	17.35	17.86
63.0	16.93	16.91	16.96	16.64	16.32	15.11	14.85	14.86	15.45	16.00
66.0	14.93	14.93	14.97	14.73	14.31	13.22	12.90	12.91	13.52	13.99
69.0	12.87	12.89	12.98	12.69	12.32	11.25	10.95	11.04	11.57	12.02
72.0	10.79	10.83	10.97	10.63	10.33	9.282	9.003	9.072	9.606	10.10
75.0	8.721	8.818	8.949	8.652	8.388	7.413	7.086	7.133	7.702	8.095
78.0	6.656	6.747	6.940	6.650	6.469	5.550	5.257	5.351	5.818	6.232
81.0	4.709	4.794	5.028	4.760	4.702	3.846	3.561	3.661	4.038	4.368
84.0	2.957	3.021	3.310	3.112	3.171	2.407	2.108	2.228	2.495	2.734
87.0	1.536	1.493	1.930	1.819	2.060	1.376	1.071	1.222	1.341	1.541
90.0	0.6809	0.6224	1.151	1.170	1.559	0.8587	0.5328	0.7278	0.7547	0.8734
93.0	0.4506	0.4363	1.060	1.170	1.510	0.7617	0.4153	0.6304	0.6999	0.8657
96.0	0.3949	0.4364	1.060	1.170	1.475	0.7411	0.4014	0.5887	0.7203	0.8657
99.0	0.3948	0.4502	1.060	1.164	1.468	0.7411	0.3532	0.5472	0.7203	0.8657
102.0	0.3948	0.4641	1.060	1.157	1.468	0.7411	0.3532	0.5194	0.7203	0.8657
105.0	0.3948	0.4849	1.067	1.157	1.454	0.7411	0.3601	0.5125	0.7203	0.8657
108.0	0.4085	0.5056	1.067	1.157	1.454	0.7480	0.3603	0.5125	0.7203	0.8657
111.0	0.4086	0.5195	1.067	1.157	1.454	0.7480	0.3878	0.5125	0.7203	0.8450
114.0	0.4570	0.5334	1.067	1.143	1.454	0.7480	0.3810	0.5125	0.7411	0.8380
117.0	0.4845	0.5403	1.067	1.129	1.454	0.7481	0.4018	0.5125	0.7480	0.8380
120.0	0.5056	0.5680	1.060	1.094	1.454	0.7549	0.4156	0.5125	0.7480	0.8242
123.0	0.5056	0.5888	1.039	1.087	1.441	0.7480	0.4501	0.5125	0.7480	0.8104
126.0	0.5056	0.6095	1.018	1.074	1.399	0.7480	0.4710	0.5125	0.7480	0.8034
129.0	0.5194	0.6233	1.018	1.080	1.378	0.7480	0.4917	0.5125	0.7479	0.8034
132.0	0.5333	0.6372	0.9974	1.060	1.337	0.7480	0.5127	0.5264	0.7411	0.8034
135.0	0.5882	0.6579	0.9835	1.053	1.288	0.7409	0.5334	0.5402	0.7411	0.8034
138.0	0.6092	0.6580	0.9697	0.9973	1.240	0.7272	0.5472	0.5540	0.7411	0.8034
141.0	0.6163	0.6649	0.9489	0.9834	1.109	0.7341	0.5888	0.5816	0.7411	0.8034
144.0	0.6233	0.6858	0.9349	0.9626	1.053	0.7341	0.6096	0.6094	0.7411	0.8034
147.0	0.6233	0.6996	0.9006	0.9488	1.011	0.7411	0.6304	0.6164	0.7411	0.8034
150.0	0.6440	0.7135	0.8797	0.9279	0.9490	0.7411	0.6649	0.6164	0.7411	0.7965
153.0	0.6441	0.7272	0.8588	0.8656	0.9004	0.7411	0.6788	0.6164	0.7411	0.7826
156.0	0.6787	0.7411	0.8243	0.8241	0.8590	0.7411	0.7064	0.6233	0.7411	0.7826
159.0	0.7272	0.7479	0.8102	0.7757	0.8243	0.7411	0.7134	0.6440	0.7411	0.7757
162.0	0.7272	0.7341	0.7895	0.7757	0.7761	0.7411	0.7342	0.6579	0.7412	0.7688
165.0	0.7272	0.7341	0.7758	0.7757	0.7757	0.7411	0.7481	0.6856	0.7481	0.7619
168.0	0.7272	0.7341	0.7757	0.7757	0.7757	0.7341	0.7549	0.7064	0.7410	0.7618
171.0	0.7272	0.7341	0.7757	0.7757	0.7688	0.7272	0.7549	0.7133	0.7341	0.7549
174.0	0.7272	0.7341	0.7757	0.7757	0.7688	0.7272	0.7549	0.7134	0.7341	0.7549
177.0	0.7341	0.7341	0.7757	0.7757	0.7688	0.7272	0.7549	0.7202	0.7341	0.7549
180.0	0.7341	0.7341	0.7757	0.7757	0.7688	0.7203	0.7341	0.7272	0.7341	0.7549
G/C	300.0	330.0								
0.0	40.52	40.39								
3.0	40.49	40.40								
6.0	40.33	40.34								
9.0	40.02	40.07								
12.0	39.61	39.65								
15.0	39.05	39.10								
18.0	38.37	38.46								
21.0	37.56	37.64								
24.0	36.65	36.73								
27.0	35.59	35.70								
30.0	34.44	34.54								

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

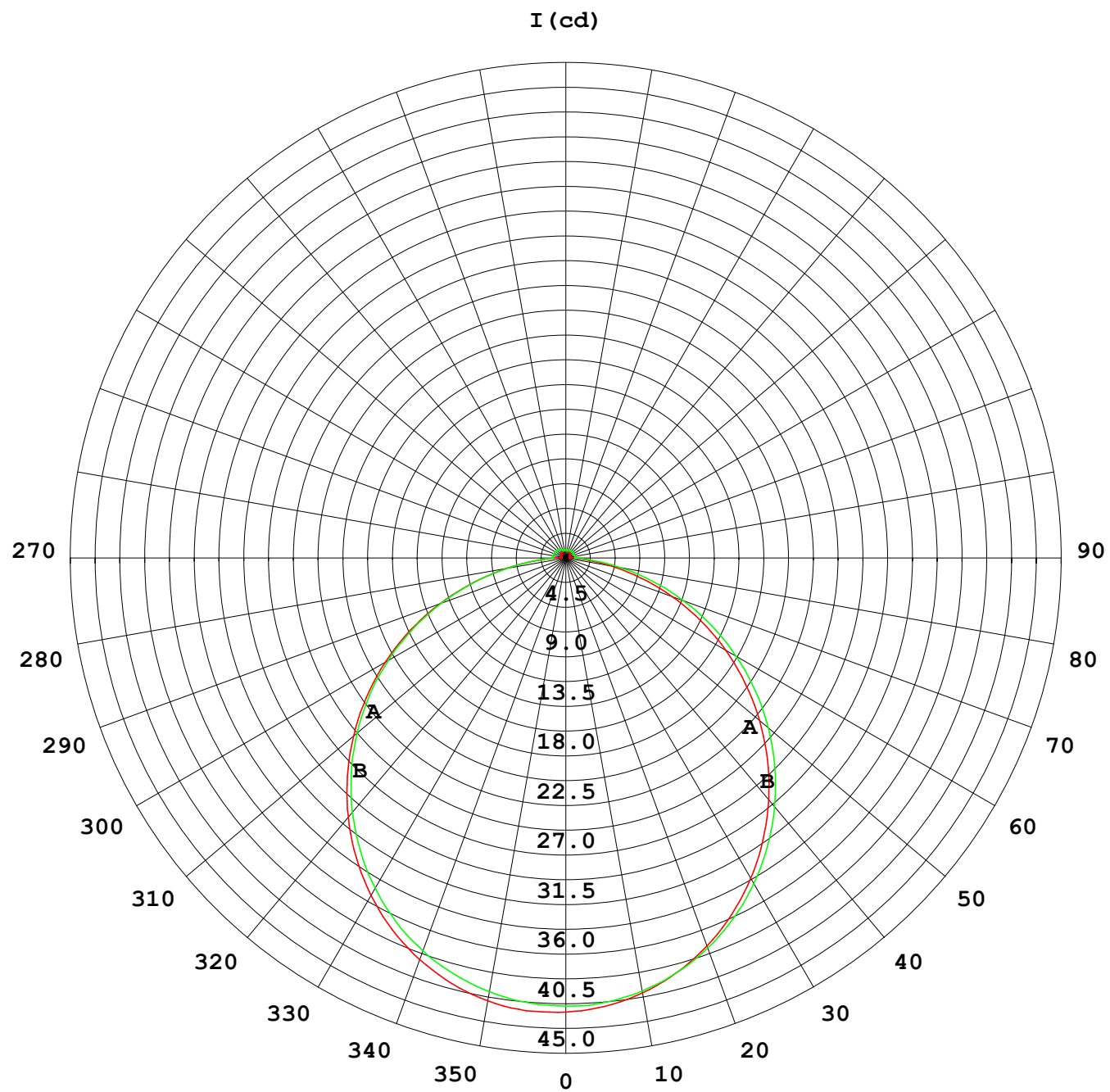
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	33.19	33.28
36.0	31.83	31.94
39.0	30.40	30.49
42.0	28.88	28.95
45.0	27.25	27.35
48.0	25.57	25.68
51.0	23.83	23.93
54.0	22.05	22.15
57.0	20.20	20.30
60.0	18.33	18.39
63.0	16.39	16.48
66.0	14.45	14.52
69.0	12.47	12.51
72.0	10.47	10.51
75.0	8.491	8.490
78.0	6.510	6.474
81.0	4.626	4.583
84.0	2.888	2.824
87.0	1.478	1.375
90.0	0.5954	0.5003
93.0	0.5748	0.2842
96.0	0.5748	0.2494
99.0	0.5888	0.2493
102.0	0.6163	0.2493
105.0	0.6166	0.2701
108.0	0.6303	0.2771
111.0	0.6372	0.2770
114.0	0.6443	0.2977
117.0	0.6511	0.3185
120.0	0.6581	0.3599
123.0	0.6787	0.3878
126.0	0.6856	0.3878
129.0	0.6857	0.4016
132.0	0.6857	0.4293
135.0	0.6996	0.4501
138.0	0.7066	0.5192
141.0	0.7134	0.5194
144.0	0.7203	0.5263
147.0	0.7203	0.5264
150.0	0.7203	0.5471
153.0	0.7203	0.5609
156.0	0.7204	0.6025
159.0	0.7272	0.6095
162.0	0.7273	0.6163
165.0	0.7479	0.6371
168.0	0.7411	0.6510
171.0	0.7549	0.6649
174.0	0.7549	0.7063
177.0	0.7549	0.7202
180.0	0.7549	0.7411

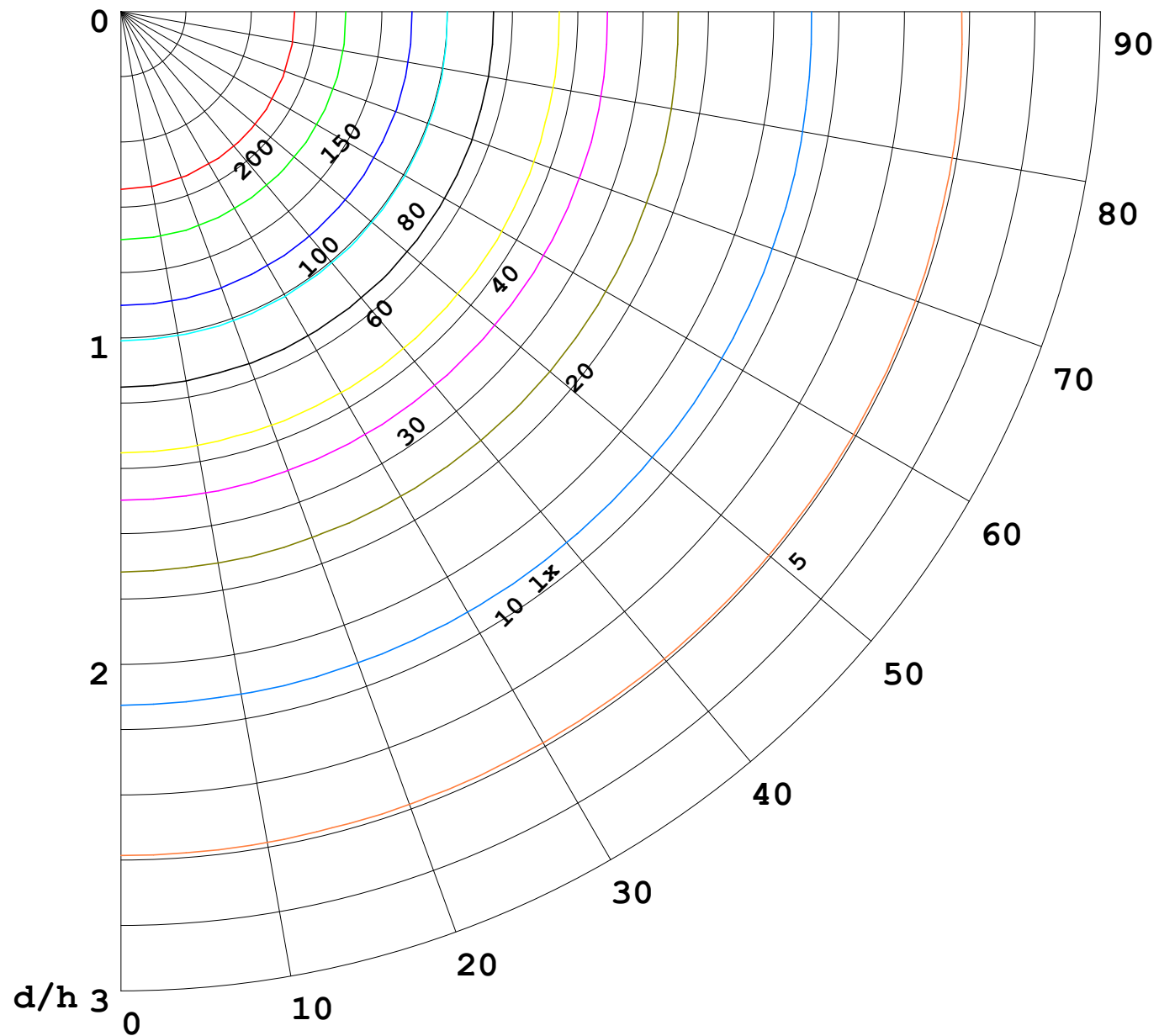
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.800m [K=1.0000]
Remarks:



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

