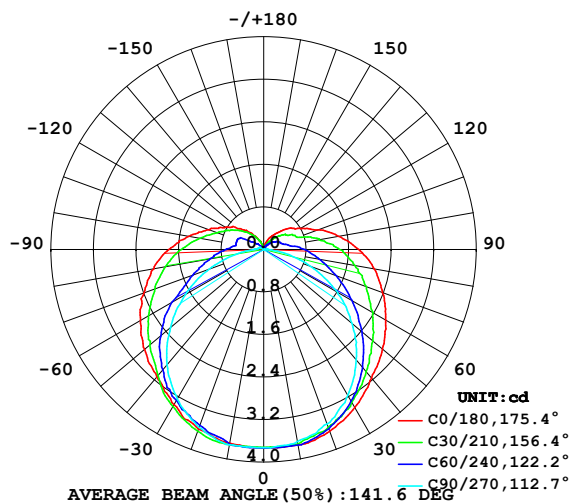


LUMINAIRE PHOTOMETRIC TEST REPORT

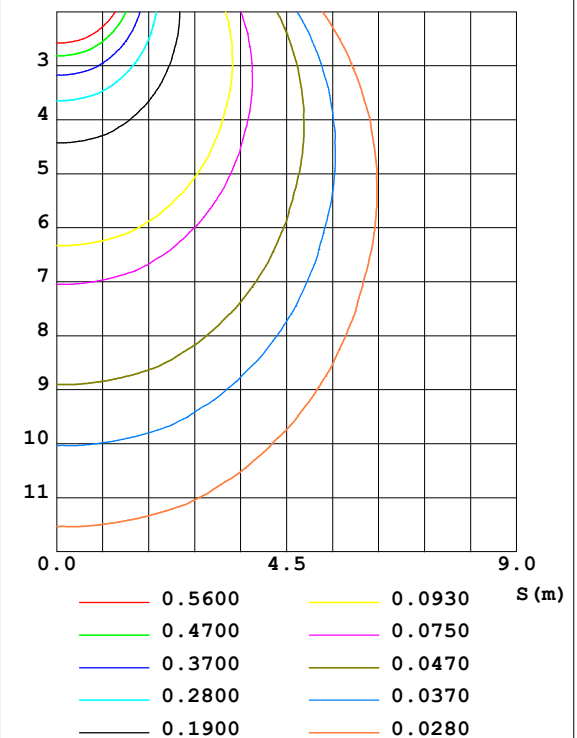
Test:U:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 2.95 lm/W
MODEL	5050	I _{max} (cd)	3.740	S/MH (C0/180)	1.37	
NOMINAL POWER (W)	4.25	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	17.158	η UP, DN (C0-180)	8.7, 41.0	
NOMINAL FLUX (lm)	17.1579	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	8.8, 41.5	
LAMPS INSIDE	1	η up (%)	17.5	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	12.0	η down (%)	82.5	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



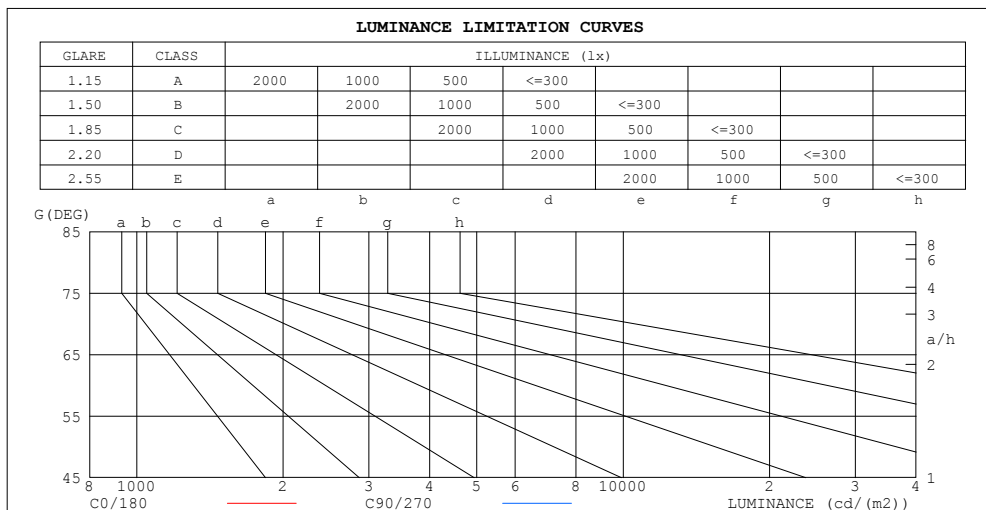
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-02-23

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	3.733	3.726	3.671	3.716	3.698	3.722	3.726	3.709	0- 10	0.3552	0.3552	2.07,2.07
20	3.636	3.570	3.491	3.588	3.594	3.577	3.560	3.563	10- 20	1.033	1.388	8.09,8.09
30	3.429	3.304	3.165	3.304	3.373	3.349	3.249	3.321	20- 30	1.594	2.982	17.4,17.4
40	3.158	2.947	2.708	2.951	3.130	3.027	2.833	2.968	30- 40	1.974	4.956	28.9,28.9
50	2.916	2.545	2.167	2.573	2.923	2.663	2.286	2.576	40- 50	2.148	7.104	41.4,41.4
60	2.653	2.147	1.599	2.199	2.680	2.247	1.697	2.150	50- 60	2.134	9.238	53.8,53.8
70	2.376	1.756	0.9414	1.804	2.396	1.801	1.095	1.742	60- 70	1.943	11.18	65.2,65.2
80	2.113	1.403	0.3734	1.465	2.098	1.454	0.5198	1.385	70- 80	1.650	12.83	74.8,74.8
90	1.787	1.101	0.0623	1.150	1.786	1.129	0.1871	1.094	80- 90	1.321	14.15	82.5,82.5
100	1.434	0.7689	0.0207	0.8864	1.433	0.8763	0.1177	0.7897	90-100	1.017	15.17	88.4,88.4
110	1.074	0.5091	0	0.6856	1.087	0.7308	0.0970	0.5265	100-110	0.7401	15.91	92.7,92.7
120	0.7967	0.4224	0	0.5264	0.8379	0.5332	0.0831	0.4087	110-120	0.5317	16.44	95.8,95.8
130	0.6236	0.3082	0	0.3914	0.6094	0.3568	0.0416	0.3186	120-130	0.3552	16.80	97.9,97.9
140	0.4226	0.1973	0	0.2424	0.4224	0.2252	0.0207	0.1663	130-140	0.2119	17.01	99.1,99.1
150	0.2772	0.1107	0	0.1454	0.2628	0.1247	0	0.0866	140-150	0.1033	17.11	99.7,99.7
160	0.1526	0.0415	0	0.0450	0.0900	0.0624	0	0.0312	150-160	0.0392	17.15	100,100
170	0.0348	0.0104	0	0.0035	0	0.0104	0	0.0104	160-170	0.0078	17.16	100,100
180	0	0	0	0	0	0	0	0	170-180	0.0005	17.16	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	225	16
80	122	22
75	87	25
70	69	28
65	60	30
60	53	32
55	49	33
50	45	34
45	43	35

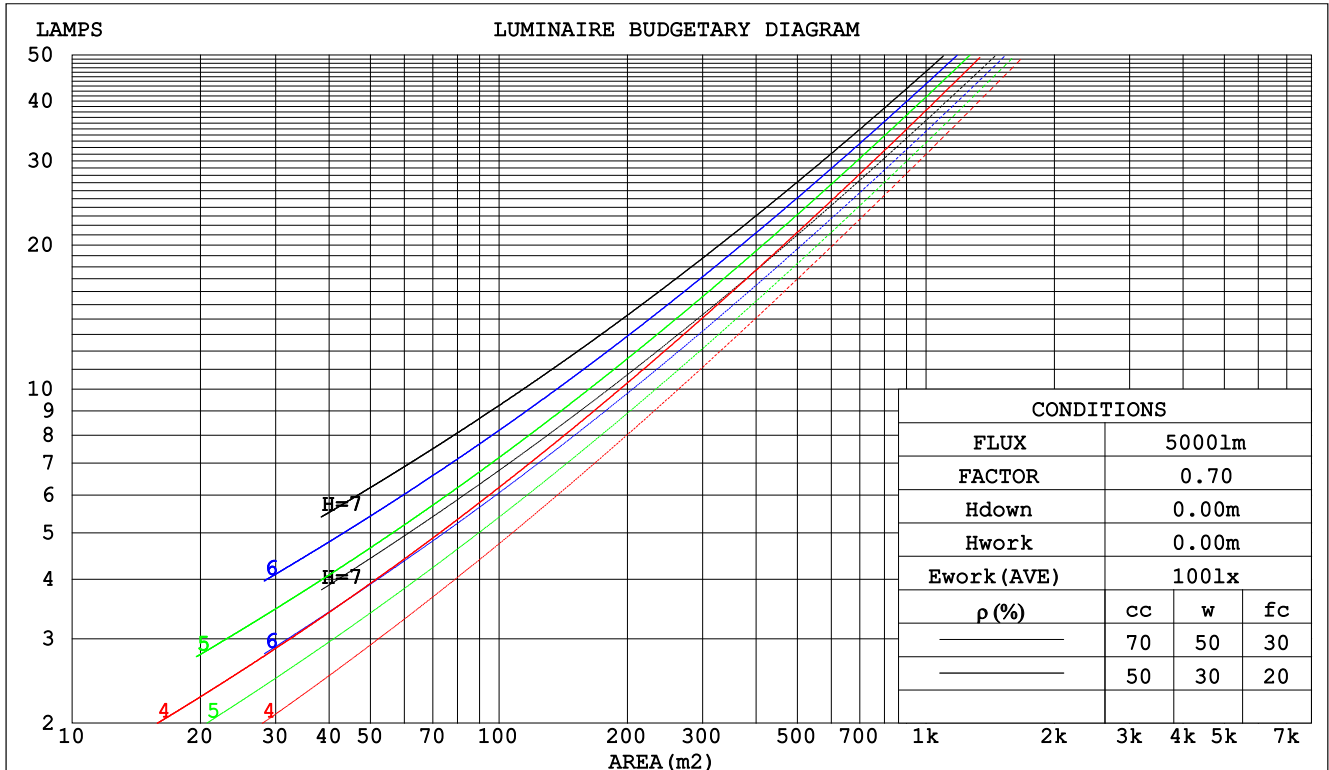
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	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	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.82
1.0	.96	.90	.85	.92	.87	.82	.84	.80	.76	.77	.74	.71	.71	.68	.66	.62
2.0	.82	.74	.67	.78	.71	.65	.72	.66	.61	.66	.61	.57	.60	.56	.53	.50
3.0	.71	.62	.55	.68	.60	.53	.62	.55	.50	.57	.52	.47	.52	.48	.44	.41
4.0	.62	.53	.46	.60	.51	.44	.55	.48	.42	.50	.44	.39	.46	.41	.37	.34
5.0	.55	.46	.39	.53	.44	.38	.49	.41	.36	.45	.39	.34	.41	.36	.32	.29
6.0	.49	.40	.33	.48	.39	.33	.44	.36	.31	.41	.34	.29	.37	.32	.28	.25
7.0	.45	.36	.29	.43	.34	.28	.40	.32	.27	.37	.30	.26	.34	.29	.24	.22
8.0	.41	.32	.26	.39	.31	.25	.36	.29	.24	.34	.27	.23	.31	.26	.22	.19
9.0	.37	.29	.23	.36	.28	.22	.33	.26	.21	.31	.25	.20	.29	.23	.19	.17
10.0	.34	.26	.21	.33	.25	.20	.31	.24	.19	.29	.23	.18	.27	.21	.18	.16



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	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	.388	.220	.070	.375	.214	.068	.352	.202	.064	.330	.190	.061	.310	.180	.058		
2.0	.335	.183	.056	.323	.178	.055	.302	.168	.052	.282	.158	.050	.264	.150	.047		
3.0	.297	.158	.047	.287	.154	.046	.268	.145	.044	.250	.137	.042	.233	.129	.040		
4.0	.267	.139	.041	.258	.135	.040	.240	.128	.038	.224	.120	.036	.209	.114	.035		
5.0	.243	.124	.036	.234	.120	.035	.219	.114	.033	.204	.108	.032	.190	.102	.031		
6.0	.222	.111	.032	.215	.108	.031	.200	.103	.030	.187	.097	.029	.174	.092	.027		
7.0	.205	.101	.029	.198	.099	.028	.185	.093	.027	.172	.088	.026	.161	.084	.025		
8.0	.190	.093	.026	.184	.090	.026	.172	.086	.024	.160	.081	.023	.150	.077	.022		
9.0	.177	.086	.024	.171	.083	.023	.160	.079	.022	.150	.075	.021	.140	.071	.021		
10.0	.166	.079	.022	.160	.077	.022	.150	.074	.021	.140	.070	.020	.131	.066	.019		

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	.324	.324	.324	.277	.277	.277	.189	.189	.189	.109	.109	.109	.035	.035	.035	
1.0	.320	.290	.263	.274	.249	.226	.187	.171	.156	.108	.099	.091	.035	.032	.029	
2.0	.313	.267	.228	.269	.230	.197	.184	.159	.138	.106	.093	.081	.034	.030	.026	
3.0	.306	.251	.207	.262	.216	.179	.180	.150	.126	.104	.088	.074	.033	.028	.024	
4.0	.298	.238	.192	.256	.206	.167	.176	.143	.118	.102	.084	.070	.033	.027	.023	
5.0	.290	.228	.183	.249	.198	.159	.172	.138	.112	.100	.081	.067	.032	.026	.022	
6.0	.283	.220	.176	.243	.191	.153	.168	.134	.108	.097	.079	.064	.031	.026	.021	
7.0	.276	.214	.170	.237	.185	.149	.164	.130	.105	.095	.077	.063	.031	.025	.021	
8.0	.269	.208	.166	.232	.181	.145	.160	.127	.103	.093	.075	.061	.030	.025	.020	
9.0	.263	.203	.163	.226	.177	.143	.157	.124	.101	.091	.073	.060	.030	.024	.020	
10.0	.257	.199	.161	.222	.173	.140	.154	.122	.100	.090	.072	.060	.029	.024	.020	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WFW
 Test Date:2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm										
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B					TYPE:硅胶			WEIGHT:		
DIM.: 28MM*11.5MM					SPEC.:			SERIAL No.:20230223		
MFR.: OLYMPIA					SUR.:0.5*0.018			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	1.5	2.9	2.0	3.4	3.9	-0.4	1.0	0.1	1.5	2.1
3H	4.3	5.5	4.8	6.1	6.7	1.1	2.4	1.7	2.9	3.5
4H	5.8	7.0	6.4	7.6	8.2	1.7	2.9	2.3	3.5	4.1
6H	7.6	8.7	8.1	9.3	9.9	2.2	3.3	2.7	3.9	4.5
8H	8.5	9.6	9.1	10.2	10.9	2.3	3.4	2.9	4.0	4.6
12H	9.6	10.7	10.2	11.3	12.0	2.3	3.4	2.9	4.0	4.7
4H 2H	2.0	3.3	2.6	3.8	4.4	0.7	1.9	1.2	2.4	3.1
3H	5.1	6.1	5.6	6.7	7.4	2.5	3.5	3.1	4.1	4.8
4H	6.8	7.8	7.4	8.4	9.1	3.3	4.3	3.9	4.9	5.6
6H	8.8	9.6	9.4	10.3	11.0	4.0	4.9	4.6	5.5	6.2
8H	9.8	10.7	10.5	11.3	12.1	4.2	5.0	4.9	5.7	6.4
12H	11.1	11.9	11.8	12.5	13.3	4.4	5.1	5.0	5.8	6.6
8H 4H	7.1	8.0	7.8	8.6	9.4	4.4	5.2	5.0	5.8	6.6
6H	9.4	10.1	10.1	10.8	11.6	5.4	6.1	6.1	6.8	7.6
8H	10.7	11.3	11.4	12.0	12.8	5.9	6.5	6.6	7.2	8.0
12H	12.2	12.8	12.9	13.5	14.3	6.3	6.8	7.0	7.6	8.4
12H 4H	7.2	7.9	7.8	8.6	9.4	4.7	5.5	5.4	6.1	6.9
6H	9.5	10.1	10.2	10.8	11.6	6.0	6.7	6.7	7.4	8.2
8H	10.9	11.5	11.6	12.2	13.0	6.7	7.2	7.4	8.0	8.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 17.16 lm Total Lamp Luminous Flux. (8log(F/F0) = -14.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

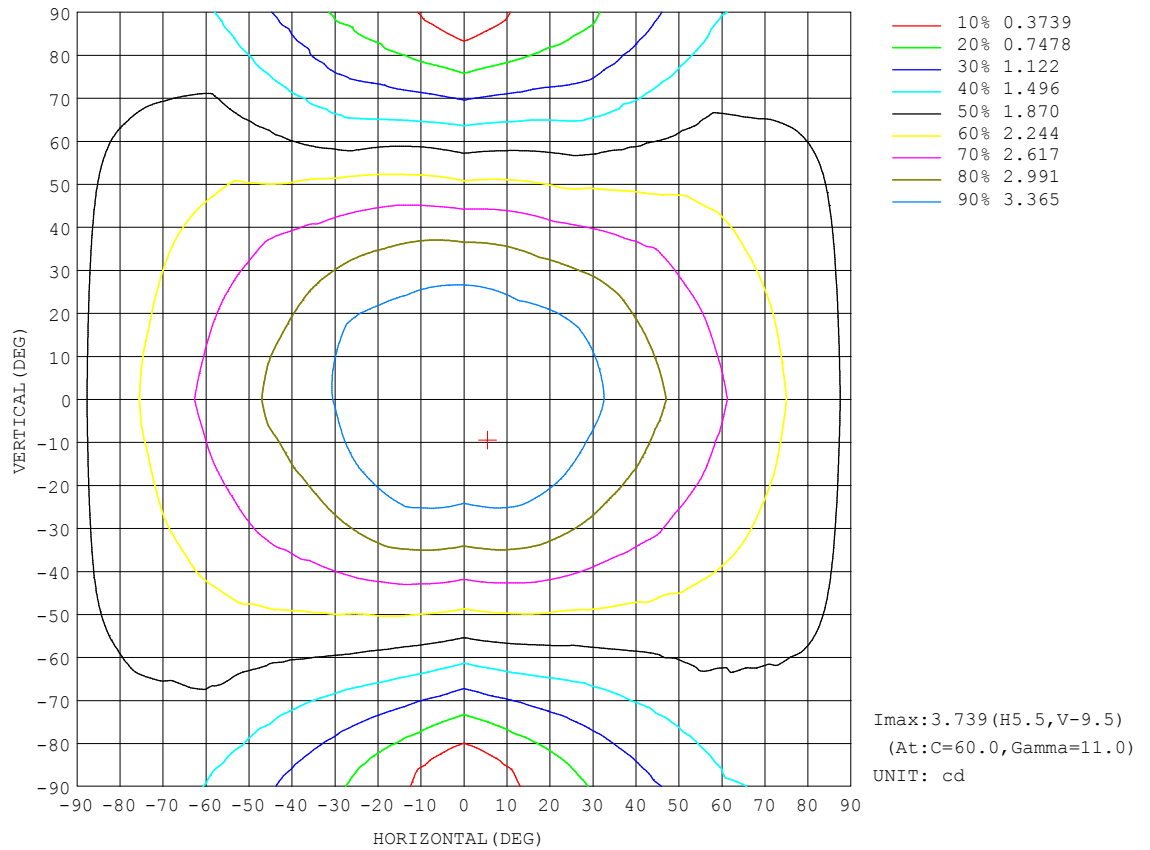
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	28	21
0.80	57	44	36	55	43	36	53	42	35	27
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	50	69	58	50	65	55	48	38
1.50	77	64	56	74	63	55	69	60	53	42
2.00	84	73	64	81	71	63	75	67	60	49
2.50	88	78	70	85	76	68	79	71	65	53
3.00	92	83	75	89	80	73	82	75	69	56
4.00	97	89	82	93	86	80	86	80	75	61
5.00	100	93	87	96	90	84	88	83	79	64
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:2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

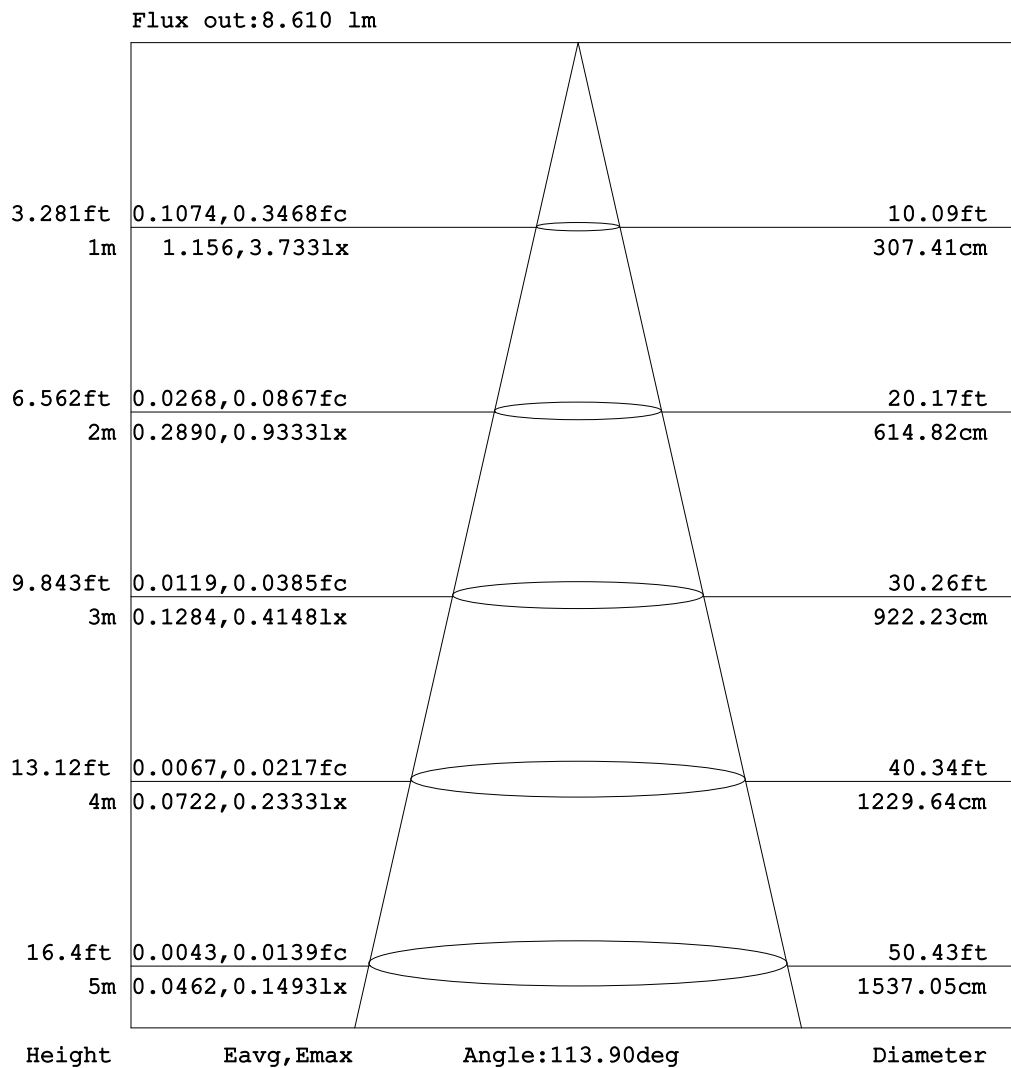


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WFW
Test Date: 2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:



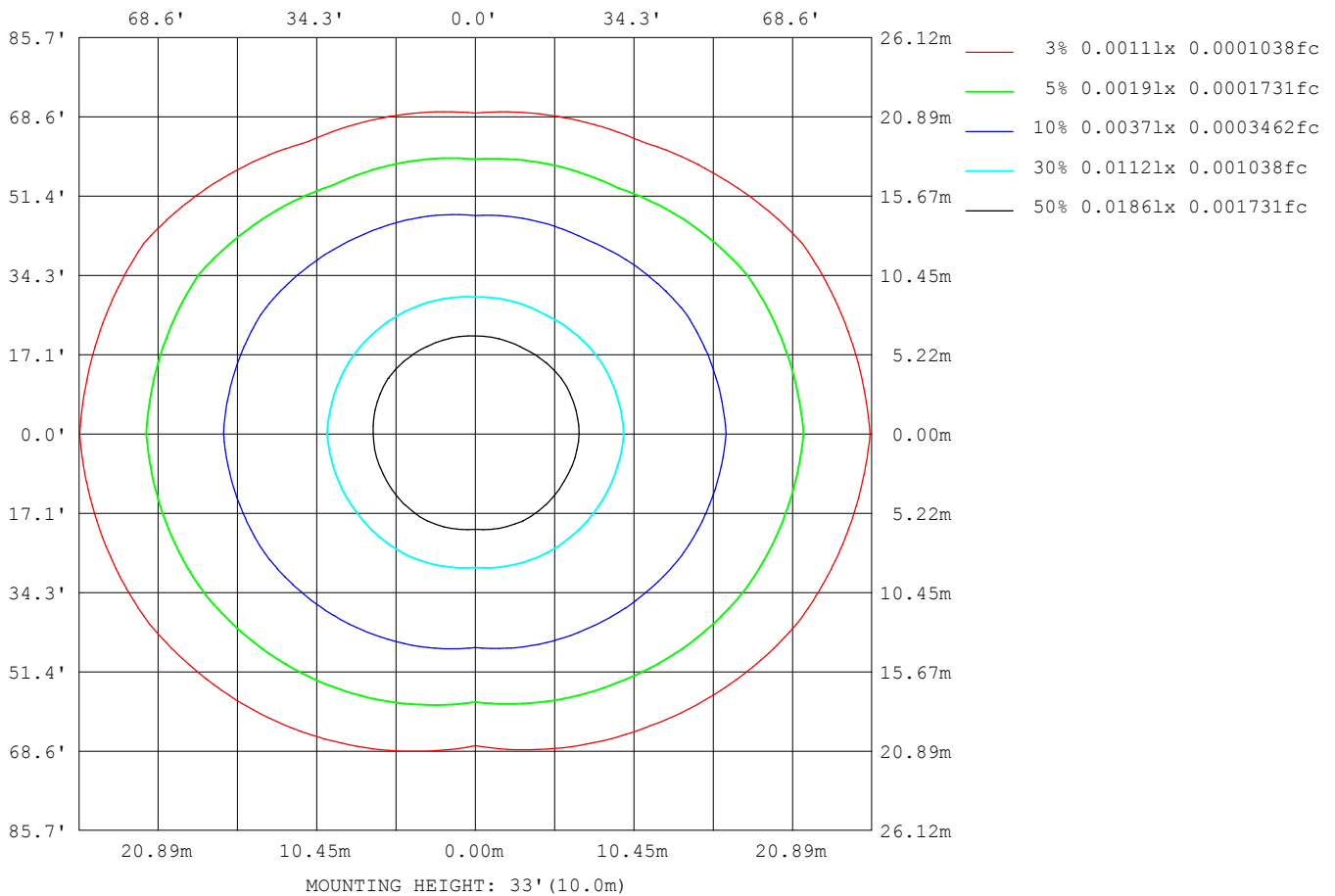
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

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

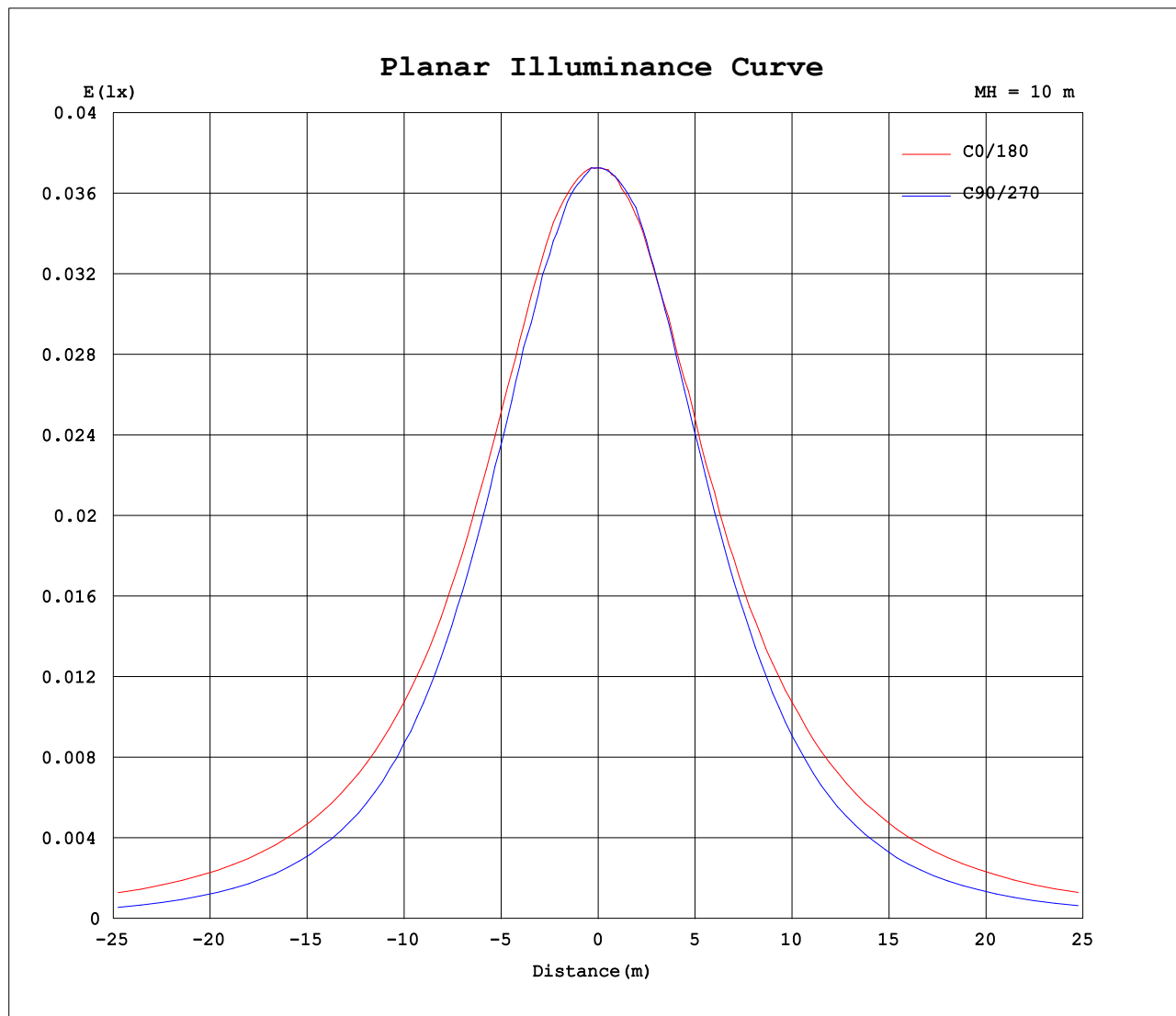
Test:U:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

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: 2023-02-23

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:12.00V I:0.4841A P:5.809W PF:1.000 Lamp Flux:17.1579x1 lm		
NAME: SF21-12V-5050-60-W12-SPI4-3000K-B	TYPE: 硅胶	WEIGHT:
DIM.: 28MM*11.5MM	SPEC.:	SERIAL No.:20230223
MFR.: OLYMPIA	SUR.:0.5*0.018	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3.73	3.72	3.73	3.73	3.72	3.73	3.73	3.72	3.73	3.73	3.72	3.73						
5	3.73	3.72	3.73	3.71	3.72	3.73	3.73	3.72	3.73	3.73	3.72	3.73						
10	3.73	3.72	3.73	3.67	3.72	3.71	3.70	3.73	3.72	3.73	3.68	3.73						
15	3.71	3.64	3.68	3.60	3.69	3.63	3.65	3.71	3.61	3.66	3.59	3.71						
20	3.64	3.55	3.59	3.49	3.59	3.58	3.59	3.64	3.52	3.56	3.50	3.62						
25	3.55	3.47	3.45	3.34	3.46	3.46	3.52	3.53	3.41	3.41	3.39	3.53						
30	3.43	3.32	3.29	3.16	3.30	3.31	3.37	3.41	3.28	3.25	3.25	3.39						
35	3.30	3.16	3.10	2.95	3.12	3.15	3.25	3.29	3.17	3.05	3.07	3.24						
40	3.16	3.00	2.90	2.71	2.91	2.99	3.13	3.10	2.96	2.83	2.85	3.08						
45	3.04	2.82	2.66	2.47	2.68	2.85	3.04	2.93	2.75	2.57	2.64	2.91						
50	2.92	2.68	2.41	2.17	2.44	2.71	2.92	2.80	2.53	2.29	2.40	2.76						
55	2.78	2.51	2.17	1.90	2.20	2.58	2.82	2.66	2.29	2.02	2.15	2.59						
60	2.65	2.38	1.91	1.60	1.98	2.42	2.68	2.50	1.99	1.70	1.88	2.42						
65	2.52	2.19	1.68	1.27	1.76	2.26	2.54	2.34	1.65	1.41	1.63	2.25						
70	2.38	2.06	1.45	0.94	1.52	2.09	2.40	2.18	1.42	1.09	1.38	2.11						
75	2.24	1.92	1.24	0.64	1.30	1.95	2.26	2.03	1.21	0.79	1.16	1.95						
80	2.11	1.75	1.06	0.37	1.11	1.82	2.10	1.88	1.03	0.52	0.98	1.79						
85	1.96	1.59	0.90	0.14	0.94	1.65	1.95	1.72	0.86	0.31	0.82	1.64						
90	1.79	1.43	0.78	0.06	0.81	1.49	1.79	1.55	0.71	0.19	0.71	1.48						
95	1.61	1.25	0.64	0.06	0.69	1.31	1.60	1.39	0.61	0.16	0.53	1.33						
100	1.43	1.06	0.48	0.02	0.62	1.15	1.43	1.22	0.53	0.12	0.41	1.17						
105	1.27	0.92	0.39	0.00	0.56	1.00	1.27	1.06	0.53	0.10	0.33	0.87						
110	1.07	0.67	0.35	0.00	0.51	0.87	1.09	0.93	0.53	0.10	0.28	0.78						
115	0.93	0.63	0.33	0.00	0.45	0.75	0.94	0.82	0.50	0.08	0.27	0.69						
120	0.80	0.54	0.30	0.00	0.39	0.66	0.84	0.73	0.34	0.08	0.21	0.60						
125	0.70	0.51	0.25	0.00	0.33	0.59	0.73	0.64	0.24	0.06	0.20	0.53						
130	0.62	0.39	0.22	0.00	0.28	0.51	0.61	0.55	0.17	0.04	0.17	0.47						
135	0.53	0.33	0.17	0.00	0.21	0.39	0.52	0.47	0.12	0.03	0.09	0.39						
140	0.42	0.26	0.13	0.00	0.17	0.32	0.42	0.38	0.07	0.02	0.03	0.30						
145	0.33	0.18	0.10	0.00	0.13	0.26	0.33	0.31	0.05	0.01	0.00	0.22						
150	0.28	0.14	0.08	0.00	0.10	0.19	0.26	0.24	0.01	0.00	0.00	0.17						
155	0.22	0.06	0.06	0.00	0.06	0.10	0.17	0.17	0.00	0.00	0.00	0.11						
160	0.15	0.04	0.04	0.00	0.03	0.06	0.09	0.12	0.00	0.00	0.00	0.06						
165	0.10	0.00	0.03	0.00	0.01	0.00	0.04	0.06	0.00	0.00	0.00	0.03						
170	0.03	0.00	0.02	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.02						
175	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-02-23

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	3.726	3.719	3.733	3.726	3.719	3.733	3.726	3.719	3.733	3.726
3.0	3.733	3.719	3.733	3.719	3.719	3.733	3.733	3.719	3.733	3.726
6.0	3.733	3.719	3.733	3.705	3.719	3.712	3.719	3.719	3.733	3.726
9.0	3.733	3.712	3.733	3.691	3.719	3.712	3.705	3.726	3.733	3.726
12.0	3.733	3.664	3.719	3.636	3.719	3.677	3.691	3.726	3.650	3.712
15.0	3.712	3.636	3.678	3.601	3.692	3.629	3.650	3.712	3.608	3.657
18.0	3.671	3.601	3.629	3.525	3.629	3.595	3.601	3.671	3.560	3.602
21.0	3.616	3.532	3.553	3.483	3.567	3.539	3.567	3.615	3.497	3.532
24.0	3.560	3.470	3.477	3.373	3.484	3.477	3.511	3.560	3.421	3.442
27.0	3.498	3.401	3.394	3.276	3.394	3.393	3.449	3.491	3.379	3.352
30.0	3.429	3.317	3.290	3.165	3.297	3.310	3.373	3.415	3.283	3.249
33.0	3.352	3.234	3.193	3.040	3.193	3.227	3.289	3.345	3.206	3.131
36.0	3.269	3.144	3.069	2.915	3.076	3.130	3.213	3.249	3.116	3.006
39.0	3.179	3.040	2.937	2.756	2.958	3.026	3.151	3.131	2.992	2.875
42.0	3.110	2.936	2.799	2.611	2.819	2.936	3.089	3.027	2.874	2.729
45.0	3.041	2.819	2.660	2.472	2.681	2.853	3.040	2.930	2.749	2.570
48.0	2.971	2.729	2.515	2.278	2.542	2.777	2.964	2.861	2.631	2.404
51.0	2.888	2.645	2.362	2.105	2.390	2.701	2.915	2.743	2.479	2.231
54.0	2.812	2.542	2.203	1.946	2.238	2.604	2.826	2.687	2.379	2.064
57.0	2.743	2.452	2.064	1.772	2.113	2.500	2.749	2.584	2.167	1.878
60.0	2.653	2.382	1.912	1.599	1.981	2.417	2.680	2.500	1.993	1.697
63.0	2.570	2.257	1.774	1.392	1.857	2.313	2.611	2.397	1.772	1.531
66.0	2.500	2.161	1.635	1.198	1.711	2.223	2.507	2.300	1.599	1.344
69.0	2.417	2.071	1.490	1.024	1.566	2.140	2.431	2.203	1.481	1.150
72.0	2.327	1.987	1.365	0.8305	1.434	2.050	2.341	2.133	1.329	0.9702
75.0	2.244	1.918	1.240	0.6368	1.303	1.953	2.264	2.030	1.212	0.7901
78.0	2.175	1.814	1.136	0.4911	1.178	1.863	2.168	1.939	1.094	0.6238
81.0	2.078	1.710	1.032	0.3043	1.067	1.766	2.084	1.849	0.9761	0.4782
84.0	1.995	1.620	0.9354	0.1591	0.9631	1.696	1.987	1.753	0.8998	0.3398
87.0	1.884	1.530	0.8522	0.0693	0.8798	1.586	1.897	1.656	0.8235	0.2358
90.0	1.787	1.426	0.7759	0.0623	0.8106	1.489	1.786	1.552	0.7064	0.1871
93.0	1.683	1.323	0.6926	0.0623	0.7413	1.371	1.669	1.448	0.6301	0.1731
96.0	1.586	1.198	0.5893	0.0554	0.6789	1.281	1.599	1.358	0.5815	0.1387
99.0	1.476	1.094	0.4988	0.0414	0.6236	1.177	1.468	1.254	0.5333	0.1178
102.0	1.378	1.025	0.4573	0.0069	0.5888	1.087	1.364	1.157	0.5333	0.1108
105.0	1.275	0.9206	0.3950	0	0.5611	1.004	1.267	1.060	0.5333	0.1039
108.0	1.178	0.7477	0.3672	0	0.5335	0.9278	1.156	0.9837	0.5333	0.0970
111.0	1.032	0.6648	0.3463	0	0.4919	0.8448	1.080	0.9143	0.5264	0.0901
114.0	0.9559	0.6508	0.3325	0	0.4573	0.8030	0.9830	0.8382	0.5124	0.0832
117.0	0.8731	0.6095	0.3117	0	0.4296	0.7202	0.9205	0.7829	0.4911	0.0831
120.0	0.7967	0.5401	0.3047	0	0.3949	0.6578	0.8379	0.7273	0.3390	0.0831
123.0	0.7138	0.4987	0.2634	0	0.3533	0.6025	0.7685	0.6651	0.2632	0.0761
126.0	0.6789	0.4708	0.2493	0	0.3324	0.5539	0.7341	0.6166	0.2076	0.0554
129.0	0.6443	0.4222	0.2218	0	0.2980	0.5056	0.6300	0.5681	0.1731	0.0416
132.0	0.5820	0.3878	0.2009	0	0.2426	0.4913	0.5883	0.5058	0.1661	0.0348
135.0	0.5265	0.3253	0.1664	0	0.2079	0.3947	0.5192	0.4710	0.1176	0.0277
138.0	0.4505	0.2701	0.1456	0	0.1801	0.3599	0.4912	0.4157	0.0899	0.0139
141.0	0.4020	0.2422	0.1247	0	0.1594	0.3115	0.4151	0.3603	0.0691	0.0071
144.0	0.3603	0.1938	0.1039	0	0.1454	0.2700	0.3598	0.3257	0.0485	0.0069
147.0	0.3119	0.1593	0.0970	0	0.1110	0.2077	0.3045	0.2772	0.0414	0
150.0	0.2772	0.1382	0.0831	0	0.1039	0.1869	0.2628	0.2356	0.0138	0
153.0	0.2493	0.0830	0.0625	0	0.0625	0.1590	0.1937	0.1941	0	0
156.0	0.2079	0.0485	0.0623	0	0.0554	0.0969	0.1662	0.1594	0	0
159.0	0.1732	0.0416	0.0485	0	0.0347	0.0623	0.0969	0.1386	0	0
162.0	0.1317	0	0.0484	0	0.0345	0.0482	0.0691	0.1040	0	0
165.0	0.0972	0	0.0277	0	0.0140	0	0.0412	0.0623	0	0
168.0	0.0625	0	0.0208	0	0.0071	0	0	0.0416	0	0
171.0	0.0278	0	0.0139	0	0.0069	0	0	0.0208	0	0
174.0	0.0139	0	0.0069	0	0.0069	0	0	0.0070	0	0
177.0	0.0071	0	0.0001	0	0.0069	0	0	0.0069	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	330.0								
0.0	3.719	3.733								
3.0	3.719	3.733								
6.0	3.719	3.733								
9.0	3.705	3.733								
12.0	3.643	3.726								
15.0	3.594	3.705								
18.0	3.539	3.657								
21.0	3.484	3.602								
24.0	3.414	3.546								
27.0	3.338	3.470								
30.0	3.248	3.394								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-02-23

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:

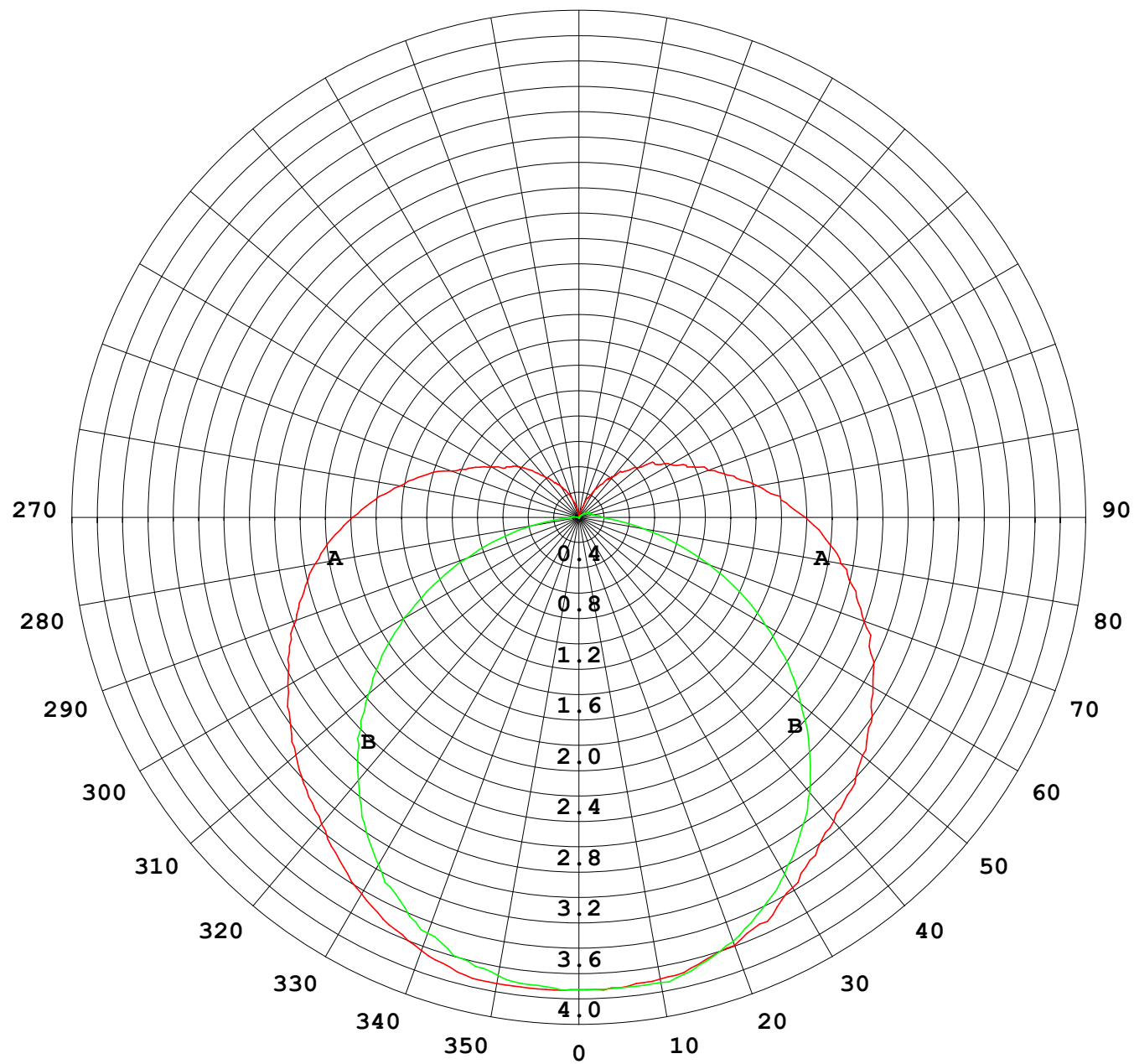
Photometric Data Table [cd]

33.0	3.144	3.318
36.0	3.033	3.214
39.0	2.901	3.096
42.0	2.770	3.006
45.0	2.638	2.909
48.0	2.493	2.819
51.0	2.347	2.715
54.0	2.188	2.632
57.0	2.049	2.514
60.0	1.883	2.417
63.0	1.731	2.320
66.0	1.599	2.217
69.0	1.433	2.140
72.0	1.288	2.043
75.0	1.163	1.946
78.0	1.052	1.863
81.0	0.9417	1.766
84.0	0.8447	1.676
87.0	0.7616	1.579
90.0	0.7061	1.482
93.0	0.6160	1.392
96.0	0.5329	1.289
99.0	0.4360	1.205
102.0	0.3877	1.074
105.0	0.3323	0.8730
108.0	0.2908	0.8314
111.0	0.2770	0.7620
114.0	0.2838	0.7273
117.0	0.2490	0.6582
120.0	0.2146	0.6027
123.0	0.2008	0.5542
126.0	0.1868	0.5126
129.0	0.1731	0.4712
132.0	0.1382	0.4365
135.0	0.0899	0.3949
138.0	0.0485	0.3464
141.0	0.0346	0.2772
144.0	0.0137	0.2355
147.0	0	0.2010
150.0	0	0.1732
153.0	0	0.1386
156.0	0	0.1039
159.0	0	0.0694
162.0	0	0.0555
165.0	0	0.0278
168.0	0	0.0208
171.0	0	0.0139
174.0	0	0.0069
177.0	0	0.0069
180.0	0	0

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WFW
 Test Date: 2023-02-23

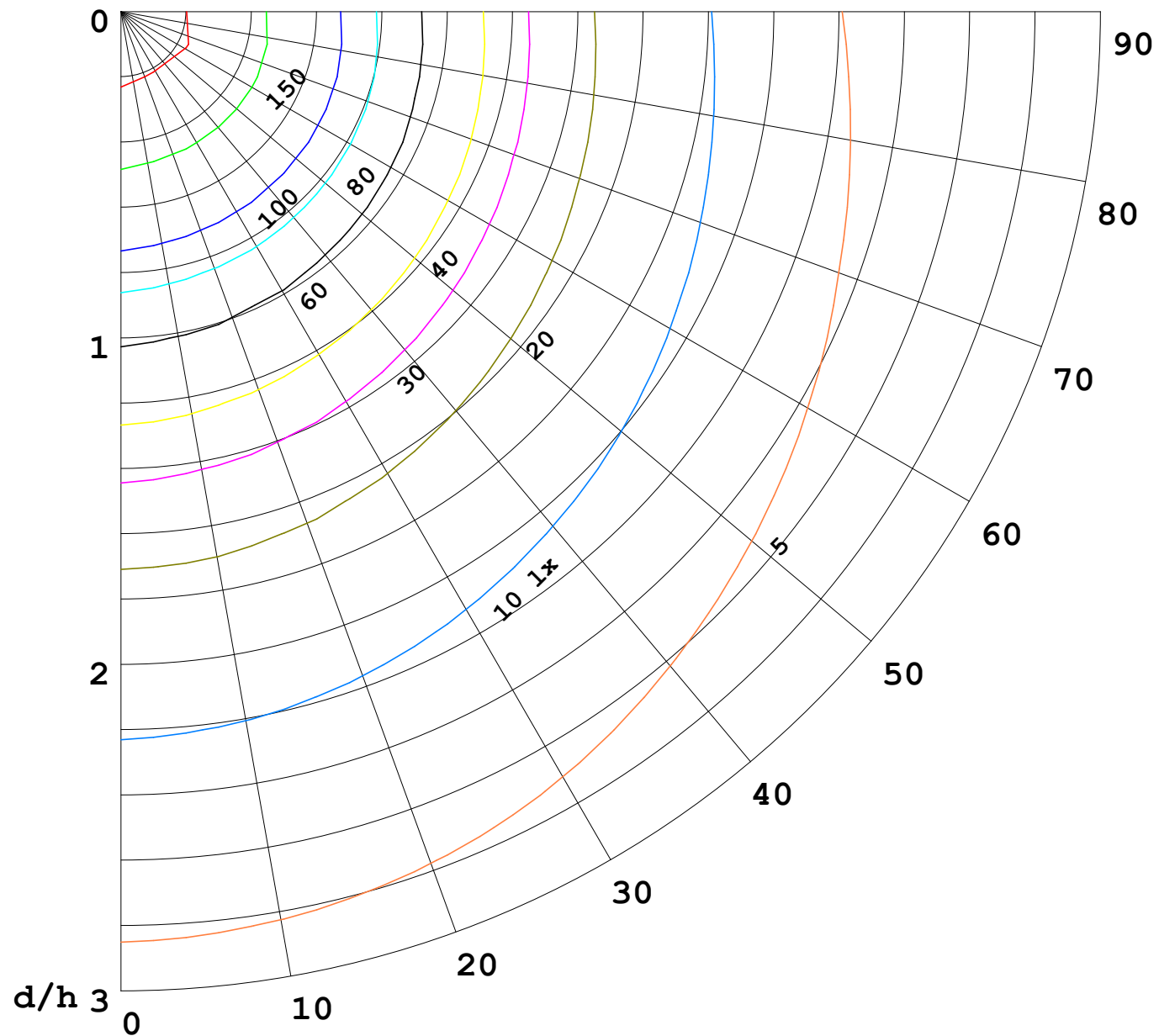
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.800m [K=1.0000]
 Remarks:

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

