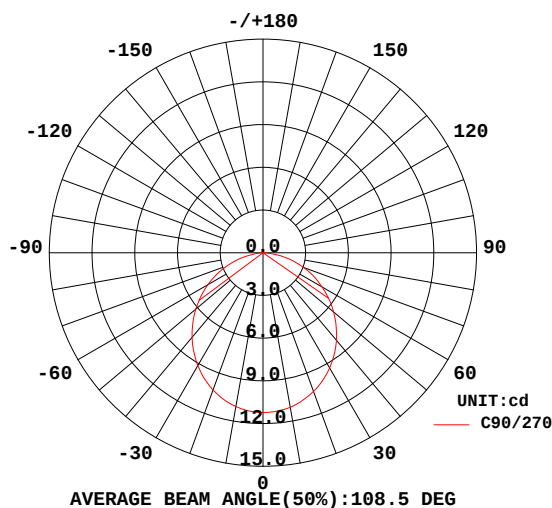


LUMINAIRE PHOTOMETRIC TEST REPORT

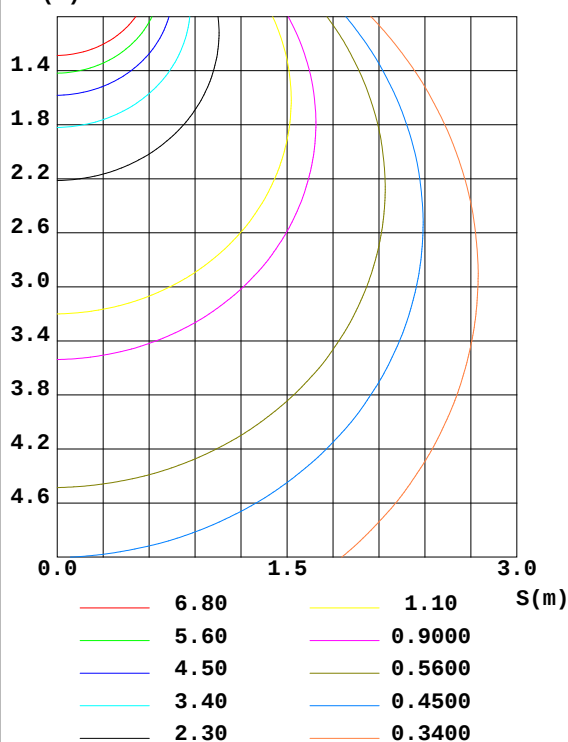
NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.:
MFR.:	SUR.:11.5*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.59 lm/W
MODEL	5050	I _{max} (cd)	11.28	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	4.72	LOR(%)	124.7	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	31.185	η UP, DN(C0-180)	0.0, 61.1	
NOMINAL FLUX(lm)	25	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 63.6	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	124.7	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	11.01	10.98	10.97	11.07	11.10	11.10	11.02	11.02	0- 10	1.063	1.063	3.41,4.25
20	10.35	10.28	10.26	10.45	10.53	10.52	10.36	10.35	10- 20	3.036	4.099	13.1,16.4
30	9.328	9.176	9.155	9.415	9.571	9.553	9.355	9.314	20- 30	4.568	8.667	27.8,34.7
40	7.990	7.788	7.752	8.077	8.279	8.265	8.027	7.993	30- 40	5.455	14.12	45.3,56.5
50	6.424	6.195	6.165	6.494	6.745	6.746	6.473	6.427	40- 50	5.600	19.72	63.2,78.9
60	4.715	4.482	4.459	4.798	5.036	5.053	4.784	4.711	50- 60	5.022	24.74	79.3,99
70	2.932	2.703	2.697	3.022	3.240	3.281	3.055	2.929	60- 70	3.831	28.58	91.6,114
80	1.087	0.9012	0.9113	1.207	1.405	1.465	1.269	1.093	70- 80	2.185	30.76	98.6,123
90	0	0	0	0	0	0.0001	0	0	80- 90	0.4238	31.18	100,125
100	0	0	0	0	0	0	0	0	90-100	0.0000	31.18	100,125
110	0	0	0	0	0	0	0	0	100-110	0	31.18	100,125
120	0	0	0	0	0	0	0	0	110-120	0	31.18	100,125
130	0	0	0	0	0	0	0	0	120-130	0	31.18	100,125
140	0	0	0	0	0	0	0	0	130-140	0	31.18	100,125
150	0	0	0	0	0	0	0	0	140-150	0	31.18	100,125
160	0	0	0	0	0	0	0	0	150-160	0	31.18	100,125
170	0	0	0	0	0	0	0	0	160-170	0	31.18	100,125
180	0	0	0	0	0	0	0	0	170-180	0	31.18	100,125
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

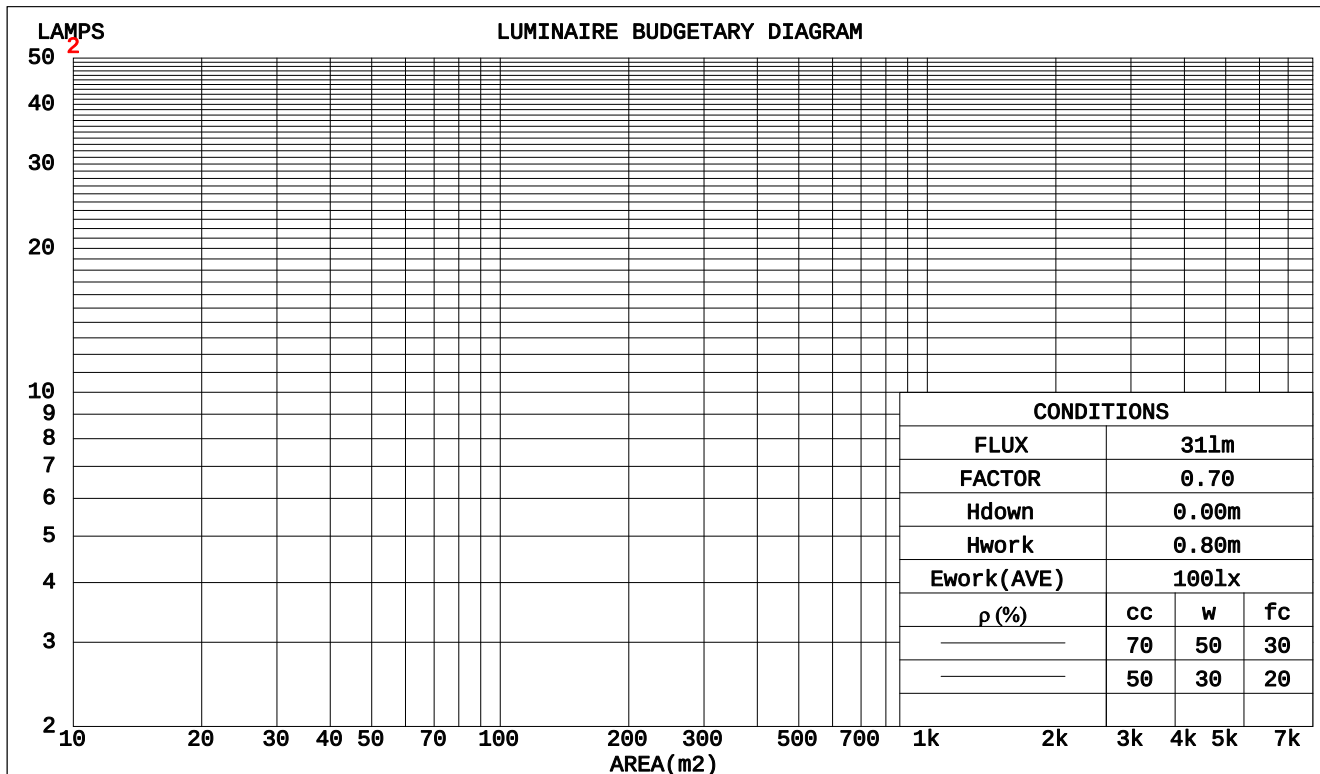
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm 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	1.48	1.48	1.48	1.45	1.45	1.45	1.39	1.39	1.39	1.33	1.33	1.33	1.27	1.27	1.27	1.25
1.0	1.30	1.25	1.20	1.27	1.22	1.18	1.22	1.18	1.14	1.17	1.14	1.11	1.12	1.10	1.07	1.05
2.0	1.13	1.05	.98	1.11	1.03	.97	1.06	.90	.94	1.02	.97	.92	.99	.94	.90	.87
3.0	.99	.89	.81	.97	.88	.80	.94	.86	.79	.90	.83	.78	.87	.81	.76	.74
4.0	.88	.77	.69	.86	.76	.68	.83	.74	.67	.80	.73	.66	.78	.71	.65	.63
5.0	.79	.67	.59	.77	.67	.59	.75	.65	.58	.72	.64	.58	.70	.63	.57	.54
6.0	.71	.60	.52	.70	.59	.51	.67	.58	.51	.65	.57	.51	.63	.56	.50	.47
7.0	.64	.53	.46	.63	.53	.45	.61	.52	.45	.60	.51	.45	.58	.50	.44	.42
8.0	.59	.48	.41	.58	.48	.41	.56	.47	.40	.55	.46	.40	.53	.46	.40	.37
9.0	.54	.44	.37	.53	.43	.37	.52	.43	.36	.50	.42	.36	.49	.41	.36	.34
10.0	.50	.40	.33	.49	.40	.33	.48	.39	.33	.47	.39	.33	.45	.38	.33	.31



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.379	.215	.068	.370	.211	.067	.354	.203	.065	.338	.195	.063	.324	.188	.061		
2.0	.360	.197	.060	.352	.194	.060	.337	.188	.058	.324	.182	.057	.311	.176	.056		
3.0	.334	.178	.053	.327	.175	.053	.314	.170	.052	.302	.166	.051	.291	.161	.050		
4.0	.309	.160	.047	.303	.158	.047	.291	.154	.046	.281	.151	.045	.271	.147	.045		
5.0	.286	.146	.042	.280	.144	.042	.270	.141	.041	.261	.138	.041	.252	.135	.040		
6.0	.265	.133	.038	.260	.132	.038	.251	.129	.037	.243	.126	.037	.235	.124	.037		
7.0	.247	.122	.035	.243	.121	.034	.235	.119	.034	.227	.116	.034	.220	.114	.034		
8.0	.231	.113	.032	.227	.112	.032	.220	.110	.031	.213	.108	.031	.206	.106	.031		
9.0	.216	.105	.029	.213	.104	.029	.206	.102	.029	.200	.100	.029	.195	.099	.029		
10.0	.203	.098	.027	.200	.097	.027	.194	.095	.027	.189	.094	.027	.184	.092	.027		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.238	.238	.238	.203	.203	.203	.139	.139	.139	.080	.080	.080	.025	.025	.025	
1.0	.224	.195	.168	.192	.167	.145	.131	.115	.100	.076	.067	.058	.024	.021	.019	
2.0	.214	.165	.123	.184	.142	.106	.126	.098	.074	.073	.057	.043	.023	.018	.014	
3.0	.205	.143	.093	.175	.123	.081	.120	.085	.057	.070	.050	.033	.022	.016	.011	
4.0	.195	.126	.073	.167	.109	.063	.115	.076	.045	.067	.044	.026	.021	.014	.009	
5.0	.186	.113	.059	.160	.098	.051	.110	.068	.036	.064	.040	.022	.021	.013	.007	
6.0	.177	.102	.049	.152	.089	.043	.105	.062	.030	.061	.037	.018	.020	.012	.006	
7.0	.168	.094	.042	.145	.081	.036	.100	.057	.026	.058	.034	.015	.019	.011	.005	
8.0	.160	.087	.036	.138	.075	.031	.096	.053	.022	.056	.031	.013	.018	.010	.004	
9.0	.153	.080	.032	.132	.070	.028	.091	.049	.020	.053	.029	.012	.017	.010	.004	
10.0	.146	.075	.028	.126	.065	.024	.087	.046	.017	.051	.027	.010	.016	.009	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B						WEIGHT:0.325Kg/m					
DIM.: 11.5*21mm						SPEC.:		SERIAL No.:			
MFR.:						SUR.:11.5*1000mm		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	12.1	13.6	12.4	13.8	14.0	11.9	13.4	12.2	13.6	13.8	
	3H	13.6	15.0	13.9	15.3	15.5	13.3	14.7	13.6	14.9	15.2
	4H	14.2	15.5	14.5	15.8	16.0	13.8	15.2	14.1	15.4	15.7
	6H	14.6	15.8	14.9	16.1	16.4	14.1	15.4	14.5	15.7	15.9
	8H	14.6	15.8	15.0	16.1	16.4	14.1	15.4	14.5	15.6	15.9
	12H	14.6	15.7	14.9	16.0	16.3	14.1	15.3	14.5	15.6	15.9
4H	2H	12.7	14.0	13.0	14.3	14.5	12.5	13.8	12.8	14.1	14.3
	3H	14.3	15.5	14.7	15.8	16.1	14.1	15.2	14.4	15.5	15.8
	4H	15.0	16.1	15.4	16.4	16.7	14.7	15.8	15.1	16.1	16.4
	6H	15.5	16.4	15.9	16.8	17.1	15.1	16.0	15.5	16.4	16.8
	8H	15.6	16.4	16.0	16.8	17.2	15.1	16.0	15.5	16.4	16.8
	12H	15.5	16.3	16.0	16.7	17.1	15.1	15.9	15.5	16.3	16.7
8H	4H	15.2	16.1	15.6	16.5	16.8	14.9	15.8	15.3	16.2	16.6
	6H	15.8	16.5	16.2	16.9	17.3	15.4	16.1	15.9	16.5	17.0
	8H	15.9	16.5	16.3	16.9	17.4	15.5	16.1	15.9	16.5	17.0
	12H	15.9	16.4	16.3	16.9	17.3	15.5	16.0	15.9	16.5	16.9
12H	4H	15.2	16.0	15.6	16.4	16.8	14.9	15.7	15.4	16.1	16.5
	6H	15.8	16.4	16.2	16.8	17.3	15.4	16.1	15.9	16.5	16.9
	8H	15.9	16.4	16.4	16.9	17.4	15.5	16.0	16.0	16.5	17.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 25.00 lm Total Lamp Luminous Flux.(8log(F/F0) = -12.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K) -56-5050-1M-B	WEIGHT: 0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:

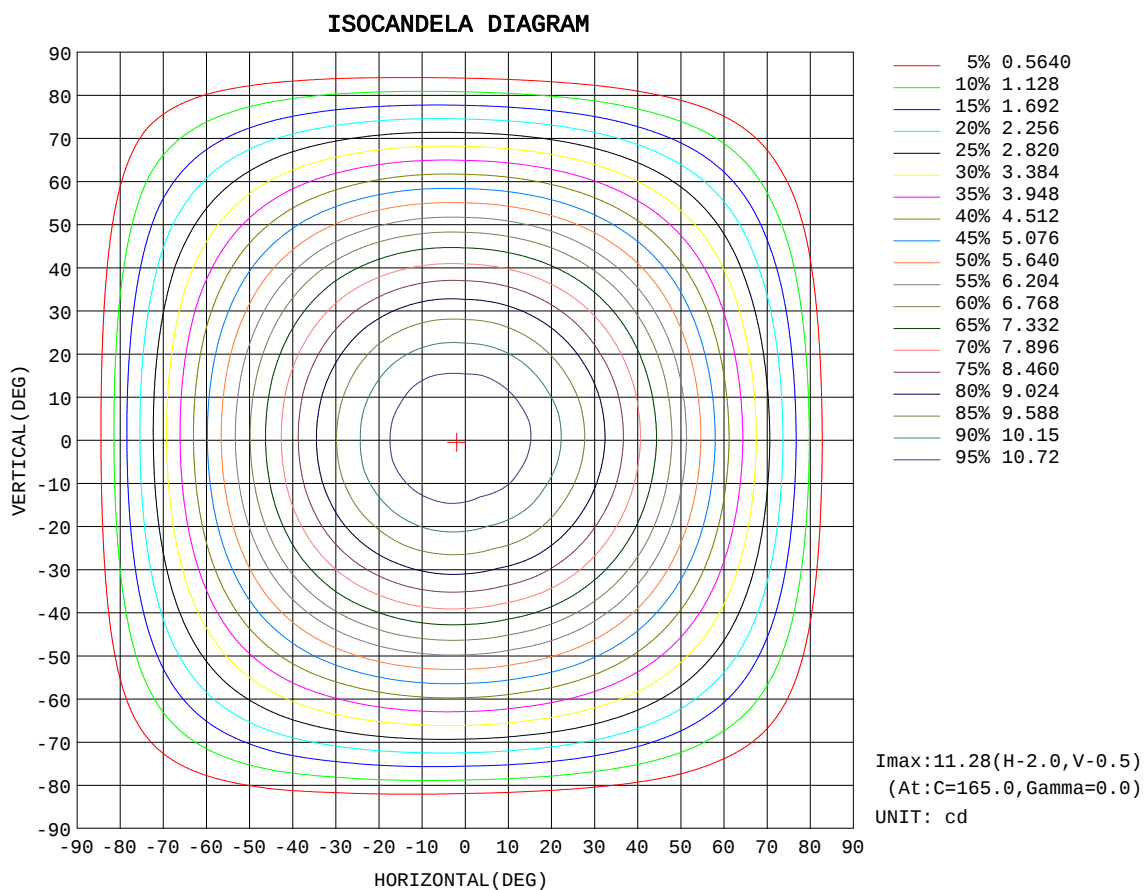
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	72	58	49	71	58	49	70	57	49	41
0.80	85	70	61	83	70	61	81	69	61	52
1.00	95	81	72	94	81	72	91	82	71	63
1.25	104	91	82	102	90	82	99	88	81	72
1.50	110	98	89	108	97	89	104	95	87	78
2.00	119	108	100	117	107	99	112	104	98	88
2.50	124	114	107	121	112	106	116	109	103	93
3.00	128	119	113	125	118	111	120	114	109	98
4.00	133	126	120	130	124	118	125	119	115	104
5.00	136	130	125	133	128	123	127	123	119	108
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity: 45.0%
Test Distance: 6.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:11.5*1000mm	

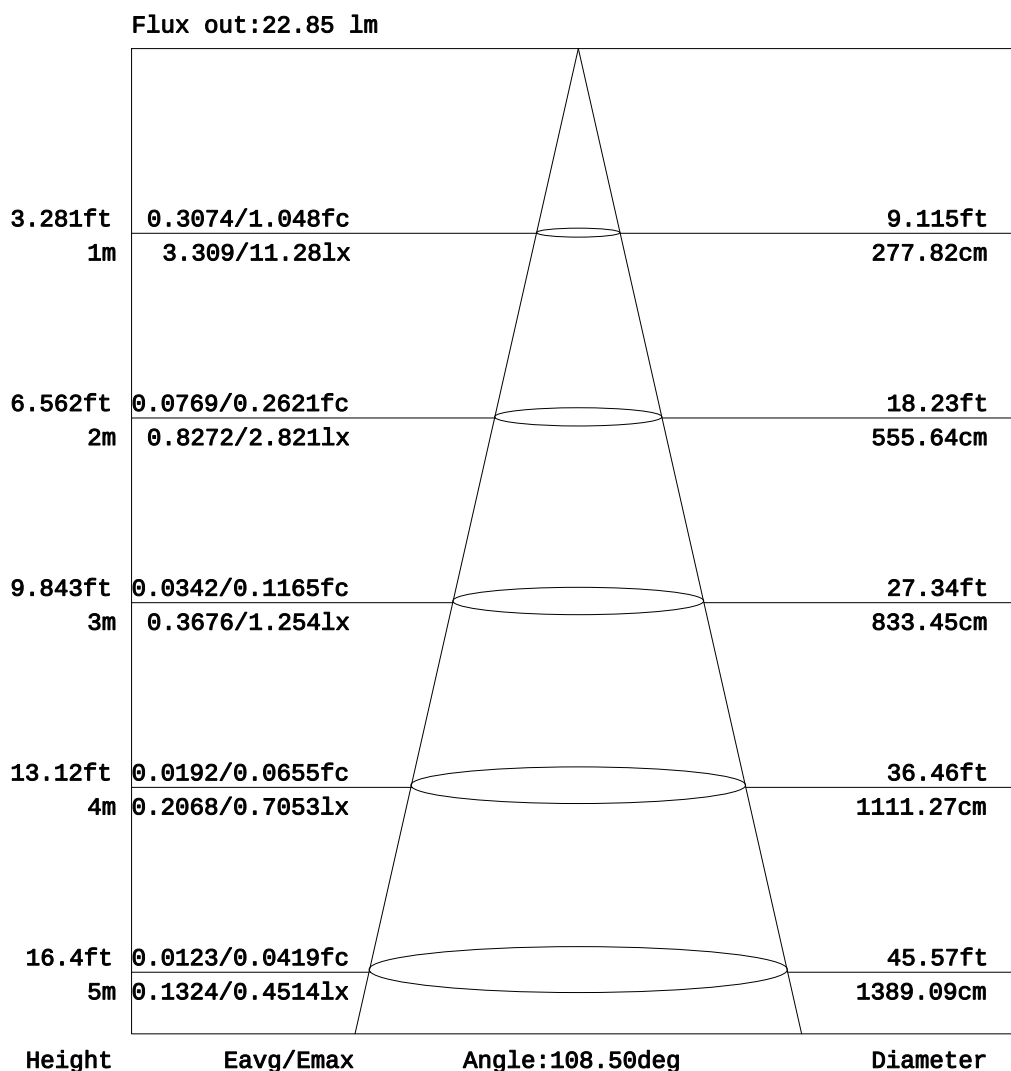


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

AAI Figure

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:



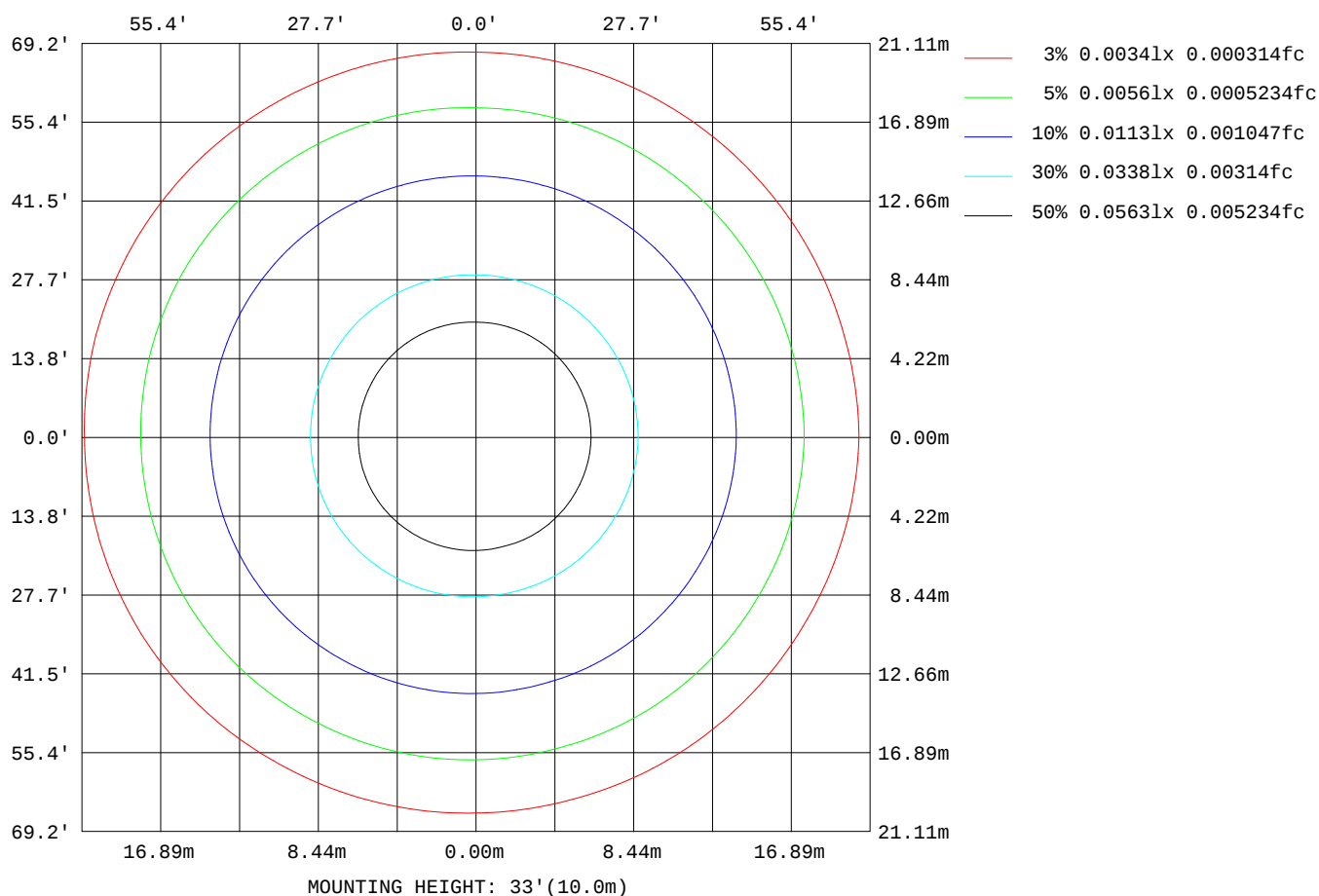
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	25	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.0115	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	845	837	827	818	812	808	805	801	801	806	814	825	836	851	865	877	885	892	897
60	820	809	798	788	782	777	773	768	769	775	785	796	809	826	842	855	864	870	876
65	789	776	762	750	744	739	734	729	730	737	747	760	776	796	814	829	840	847	853
70	746	729	713	698	690	685	681	677	678	686	699	715	734	757	778	795	808	817	824
75	675	653	633	616	609	603	597	596	597	604	622	642	665	696	722	742	759	772	785
80	544	512	483	460	453	446	438	437	443	456	482	509	539	583	620	646	669	686	704
85	148	126	100	77	82	77	61	64	69	76	97	124	161	243	312	355	397	428	461

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	897	200	---	500
Category 2	65 to 90	853	200	---	500
Category 3	75 to 90	785	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K) -56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	11.3	11.3	11.2	11.3	11.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.3	11.2	11.2	11.2
5	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2
10	11.0	11.0	11.0	11.0	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.0	11.0
15	10.8	10.8	10.7	10.7	10.7	10.7	10.7	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8	10.8
20	10.3	10.3	10.3	10.3	10.2	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.4	10.4
25	9.98	9.94	9.89	9.87	9.85	9.81	9.86	9.93	10.0	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.1	10.1	10.0
30	9.33	9.27	9.21	9.18	9.15	9.09	9.16	9.24	9.32	9.41	9.50	9.56	9.57	9.58	9.57	9.55	9.49	9.44	9.35
35	8.82	8.77	8.69	8.64	8.62	8.57	8.61	8.71	8.81	8.91	9.01	9.07	9.09	9.10	9.09	9.07	9.01	8.94	8.85
40	7.99	7.92	7.83	7.79	7.75	7.70	7.75	7.85	7.95	8.08	8.19	8.26	8.28	8.31	8.29	8.27	8.20	8.11	8.03
45	7.39	7.31	7.23	7.17	7.13	7.09	7.13	7.22	7.33	7.47	7.58	7.66	7.69	7.72	7.71	7.68	7.60	7.52	7.42
50	6.42	6.34	6.25	6.19	6.16	6.11	6.17	6.25	6.37	6.49	6.62	6.70	6.75	6.78	6.78	6.75	6.67	6.57	6.47
55	5.75	5.66	5.57	5.51	5.48	5.45	5.49	5.57	5.69	5.83	5.96	6.04	6.09	6.12	6.12	6.08	6.00	5.90	5.82
60	4.71	4.62	4.53	4.48	4.45	4.41	4.46	4.54	4.65	4.80	4.91	4.99	5.04	5.09	5.10	5.05	4.97	4.89	4.78
65	4.01	3.92	3.83	3.78	3.75	3.72	3.75	3.84	3.95	4.09	4.21	4.29	4.33	4.40	4.40	4.35	4.27	4.19	4.10
70	2.93	2.84	2.75	2.70	2.68	2.66	2.70	2.78	2.89	3.02	3.12	3.20	3.24	3.33	3.32	3.28	3.20	3.13	3.05
75	2.20	2.11	2.01	1.99	1.96	1.95	1.98	2.06	2.16	2.29	2.40	2.46	2.52	2.61	2.59	2.56	2.49	2.42	2.34
80	1.09	0.99	0.92	0.90	0.87	0.88	0.91	0.99	1.08	1.21	1.29	1.36	1.41	1.51	1.49	1.47	1.41	1.34	1.27
85	0.34	0.27	0.20	0.21	0.16	0.18	0.19	0.27	0.35	0.47	0.55	0.61	0.65	0.77	0.76	0.73	0.68	0.61	0.56
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	11.3	11.3	11.3	11.3	11.3														
5	11.2	11.2	11.2	11.2	11.2														
10	11.0	11.0	11.0	11.0	11.0														
15	10.8	10.8	10.8	10.8	10.8														
20	10.4	10.4	10.3	10.3	10.4														
25	10.0	9.99	9.97	9.98	10.00														
30	9.34	9.33	9.31	9.32	9.34														
35	8.84	8.82	8.81	8.81	8.83														
40	8.00	7.99	7.99	7.99	8.00														
45	7.39	7.38	7.38	7.38	7.38														
50	6.46	6.44	6.43	6.43	6.43														
55	5.78	5.76	5.75	5.76	5.75														
60	4.76	4.73	4.71	4.71	4.71														
65	4.06	4.03	4.00	3.99	3.98														
70	3.00	2.97	2.93	2.90	2.87														
75	2.29	2.25	2.20	2.16	2.14														
80	1.21	1.17	1.09	1.06	1.00														
85	0.50	0.44	0.37	0.32	0.26														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks: