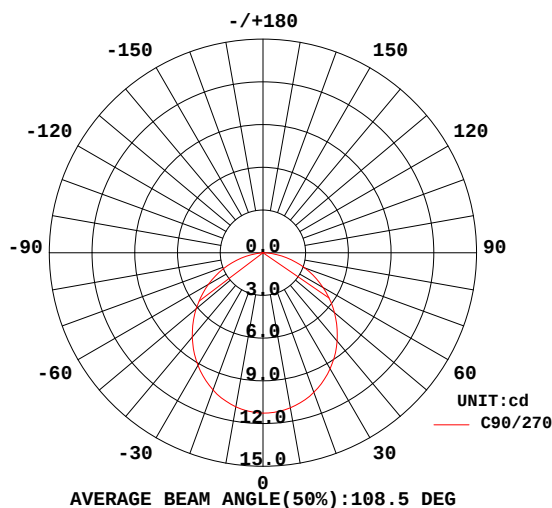


LUMINAIRE PHOTOMETRIC TEST REPORT

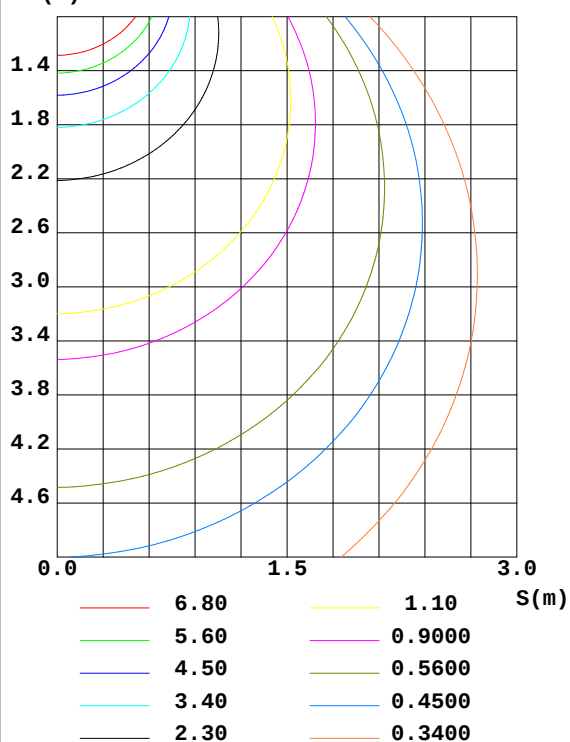
NAME: C-SFR-F15S-HB-D24CC-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.:
MFR.:	SUR.:11.5*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.64 lm/W
MODEL	5050	I _{max} (cd)	11.29	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	4.7	LOR(%)	124.8	S/MH(C90/270)	1.21	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	31.207	η UP, DN(C0-180)	0.0, 60.8	
NOMINAL FLUX(lm)	25	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 64.0	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	124.8	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:2018-08-28

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	11.00	10.97	10.99	11.06	11.10	11.12	11.06	11.03	0- 10	1.064	1.064	3.41, 4.26
20	10.33	10.25	10.26	10.44	10.53	10.55	10.44	10.37	10- 20	3.037	4.101	13.1, 16.4
30	9.305	9.150	9.139	9.406	9.565	9.590	9.419	9.344	20- 30	4.571	8.671	27.8, 34.7
40	7.966	7.760	7.730	8.066	8.281	8.314	8.105	8.025	30- 40	5.459	14.13	45.3, 56.5
50	6.400	6.144	6.131	6.500	6.755	6.789	6.566	6.466	40- 50	5.605	19.74	63.2, 78.9
60	4.682	4.436	4.419	4.791	5.050	5.093	4.877	4.748	50- 60	5.025	24.76	79.3, 99
70	2.897	2.651	2.644	3.013	3.249	3.305	3.129	2.963	60- 70	3.831	28.59	91.6, 114
80	1.049	0.8659	0.8694	1.205	1.404	1.494	1.344	1.138	70- 80	2.183	30.77	98.6, 123
90	0	0	0	0	0	0.0003	0	0	80- 90	0.4326	31.21	100, 125
100	0	0	0	0	0	0	0	0	90-100	0.0000	31.21	100, 125
110	0	0	0	0	0	0	0	0	100-110	0	31.21	100, 125
120	0	0	0	0	0	0	0	0	110-120	0	31.21	100, 125
130	0	0	0	0	0	0	0	0	120-130	0	31.21	100, 125
140	0	0	0	0	0	0	0	0	130-140	0	31.21	100, 125
150	0	0	0	0	0	0	0	0	140-150	0	31.21	100, 125
160	0	0	0	0	0	0	0	0	150-160	0	31.21	100, 125
170	0	0	0	0	0	0	0	0	160-170	0	31.21	100, 125
180	0	0	0	0	0	0	0	0	170-180	0	31.21	100, 125
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

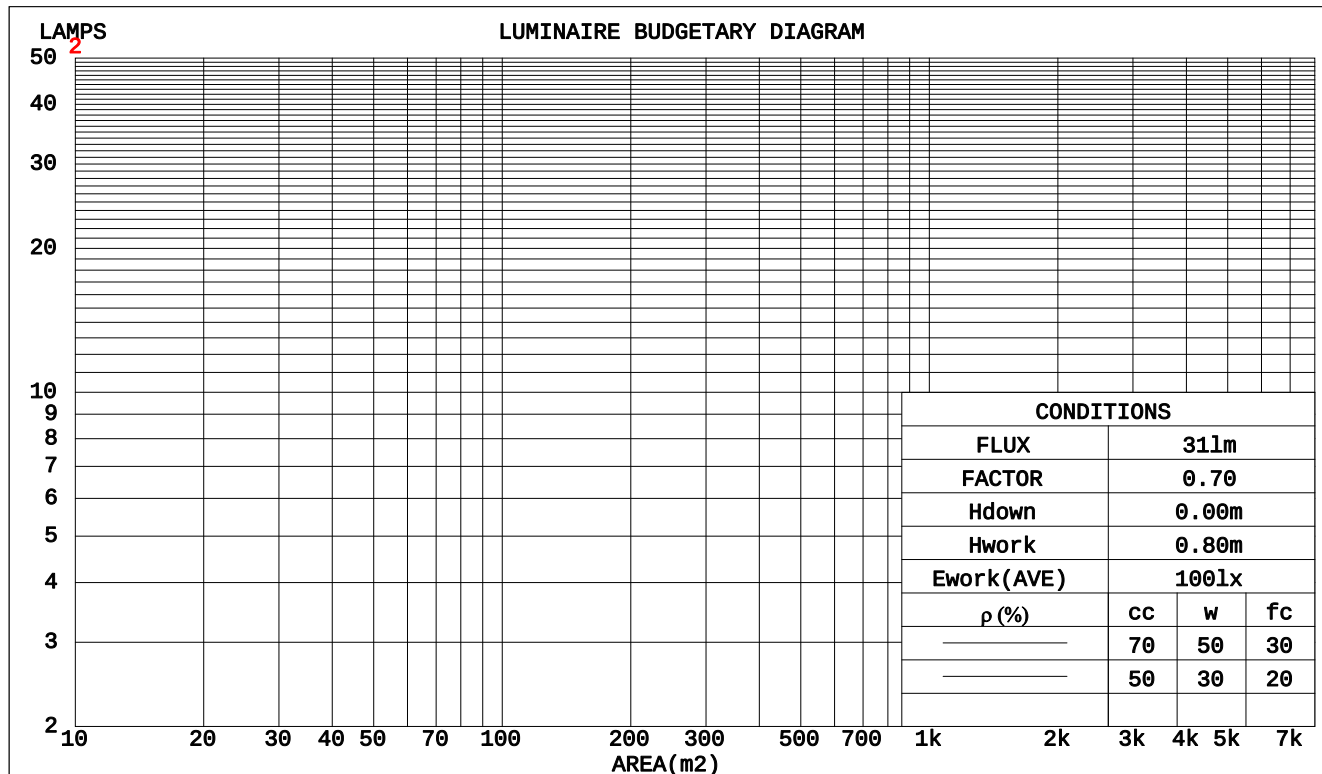
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-28

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(2700K)-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	1.49	1.49	1.49	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	1.13	1.10	1.08	1.05
2.0	1.13	1.05	.98	1.11	1.03	.97	1.07	.90	.94	1.02	.97	.92	.99	.94	.90	.87
3.0	.90	.89	.81	.98	.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	.66	.63
5.0	.79	.68	.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	.48
7.0	.64	.53	.46	.63	.53	.46	.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	.42	.36	.34
10.0	.50	.40	.33	.49	.40	.33	.48	.39	.33	.47	.39	.33	.46	.38	.33	.31



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-28

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:

WEC AND CCEC

NAME: C-SFR-F15S-HB-D24CC-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)										
0.0																	
1.0	.379	.216	.068	.371	.211	.067	.354	.203	.065	.339	.195	.063	.325	.188	.061		
2.0	.360	.197	.061	.352	.194	.060	.338	.188	.058	.324	.182	.057	.312	.176	.056		
3.0	.334	.178	.053	.327	.175	.053	.314	.170	.052	.303	.166	.051	.291	.161	.050		
4.0	.309	.161	.047	.303	.158	.047	.291	.155	.046	.281	.151	.045	.271	.147	.045		
5.0	.286	.146	.042	.281	.144	.042	.270	.141	.041	.261	.138	.041	.252	.135	.040		
6.0	.265	.133	.038	.261	.132	.038	.252	.129	.038	.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	.207	.106	.031		
9.0	.216	.105	.029	.213	.104	.029	.207	.102	.029	.200	.100	.029	.195	.099	.029		
10.0	.204	.098	.027	.200	.097	.027	.195	.095	.027	.189	.094	.027	.184	.093	.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	.225	.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	.176	.123	.081	.121	.085	.057	.070	.050	.033	.022	.016	.011	
4.0	.195	.126	.073	.168	.109	.064	.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	.103	.049	.152	.089	.043	.105	.062	.030	.061	.037	.018	.020	.012	.006	
7.0	.169	.094	.042	.145	.081	.036	.100	.057	.026	.058	.034	.015	.019	.011	.005	
8.0	.161	.087	.036	.138	.075	.031	.096	.053	.022	.056	.031	.013	.018	.010	.004	
9.0	.153	.081	.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	.017	.009	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-28

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(2700K) -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	12.3	13.8	14.0	11.8	13.3	12.1	13.5	13.7	
	3H	13.5	14.9	13.8	15.2	15.4	13.2	14.6	13.5	14.8	15.1
	4H	14.1	15.4	14.4	15.7	15.9	13.7	15.0	14.0	15.3	15.6
	6H	14.5	15.7	14.8	16.0	16.3	14.0	15.2	14.3	15.5	15.8
	8H	14.5	15.7	14.8	16.0	16.3	14.0	15.2	14.3	15.5	15.8
	12H	14.5	15.6	14.8	15.9	16.2	14.0	15.1	14.3	15.4	15.7
4H	2H	12.6	13.9	12.9	14.2	14.4	12.4	13.7	12.7	14.0	14.3
	3H	14.3	15.4	14.6	15.7	16.0	14.0	15.1	14.3	15.4	15.7
	4H	14.9	16.0	15.3	16.3	16.6	14.6	15.6	15.0	16.0	16.3
	6H	15.4	16.3	15.8	16.7	17.0	14.9	15.9	15.3	16.2	16.6
	8H	15.4	16.3	15.8	16.7	17.1	15.0	15.8	15.4	16.2	16.6
	12H	15.4	16.2	15.8	16.6	17.0	14.9	15.7	15.4	16.1	16.5
8H	4H	15.1	16.0	15.5	16.4	16.7	14.8	15.7	15.2	16.0	16.4
	6H	15.6	16.4	16.1	16.8	17.2	15.2	16.0	15.7	16.4	16.8
	8H	15.7	16.4	16.2	16.8	17.3	15.3	15.9	15.7	16.4	16.8
	12H	15.7	16.3	16.2	16.7	17.2	15.3	15.8	15.7	16.3	16.7
12H	4H	15.1	15.9	15.5	16.3	16.7	14.8	15.6	15.2	16.0	16.4
	6H	15.6	16.3	16.1	16.7	17.2	15.2	15.9	15.7	16.3	16.8
	8H	15.7	16.3	16.2	16.7	17.2	15.3	15.9	15.8	16.3	16.8
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					+ 0.3 / - 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:2018-08-28

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(2700K) -56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:

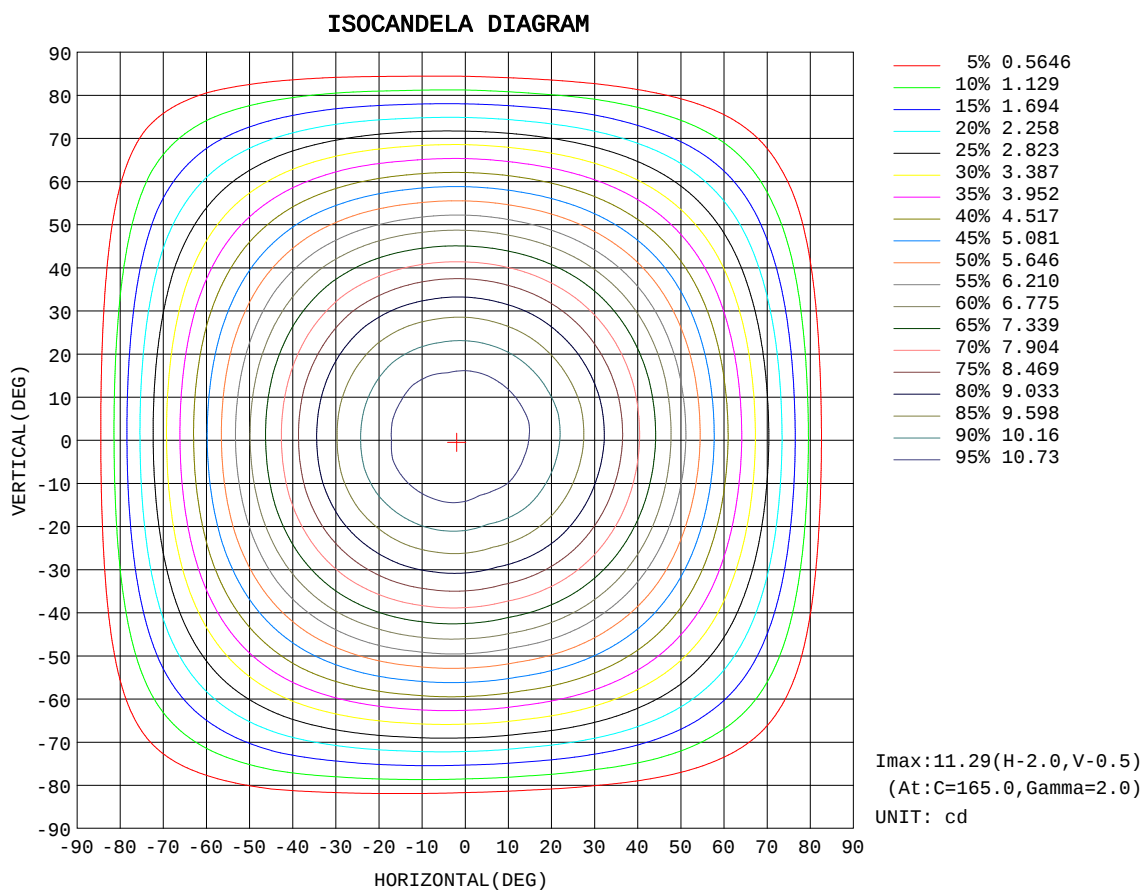
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	72	58	49	71	58	49	70	57	49	41
0.80	85	70	61	84	70	61	81	69	61	52
1.00	95	82	72	94	81	72	91	83	71	63
1.25	104	91	82	102	90	82	99	88	81	72
1.50	110	98	89	108	97	89	105	95	88	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	120	113	125	118	111	120	114	109	98
4.00	133	126	120	130	124	119	125	120	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										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-28

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(2700K)-56-5050-1M-B	WEIGHT: 0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.: 11.5*1000mm	

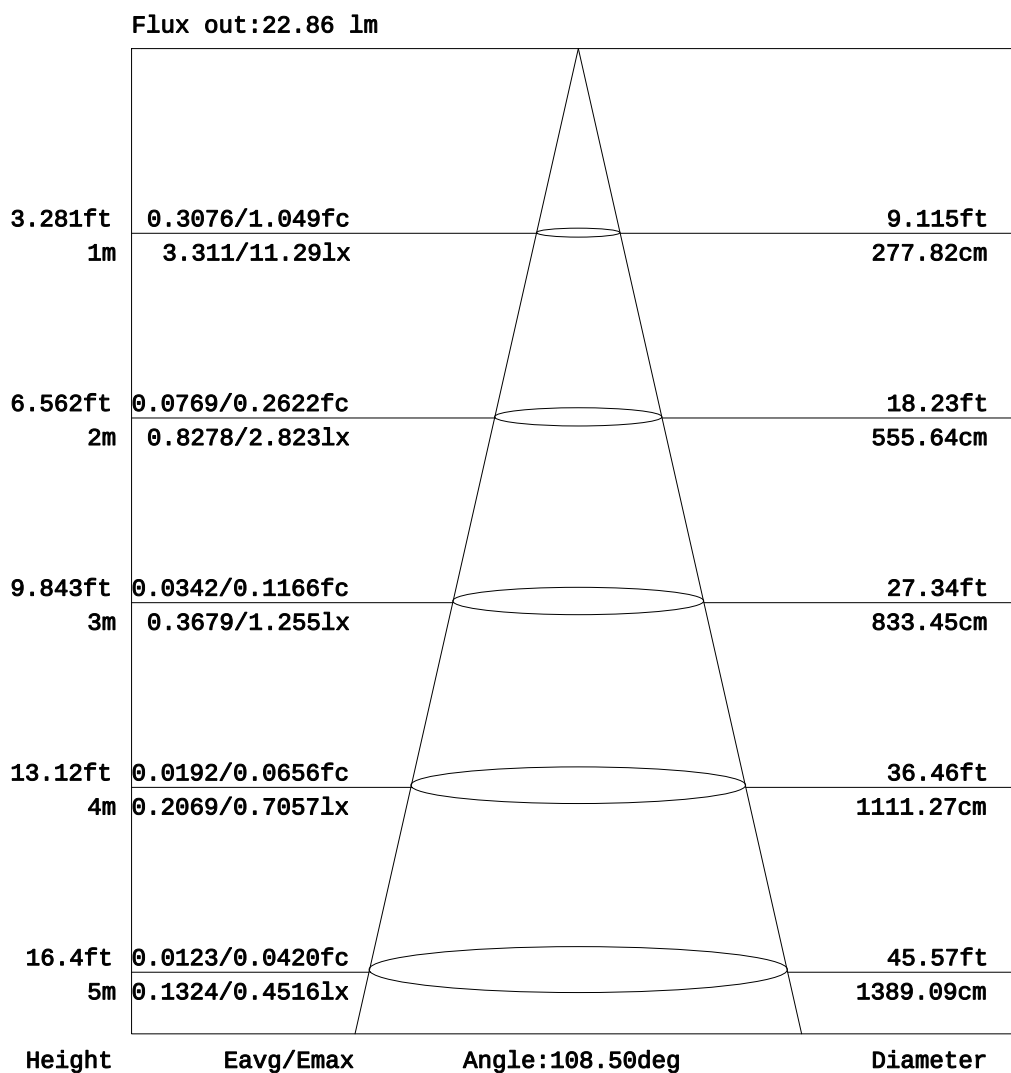


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-28

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:

AAI Figure

NAME: C-SFR-F15S-HB-D24CC-RGBW(2700K)-56-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:



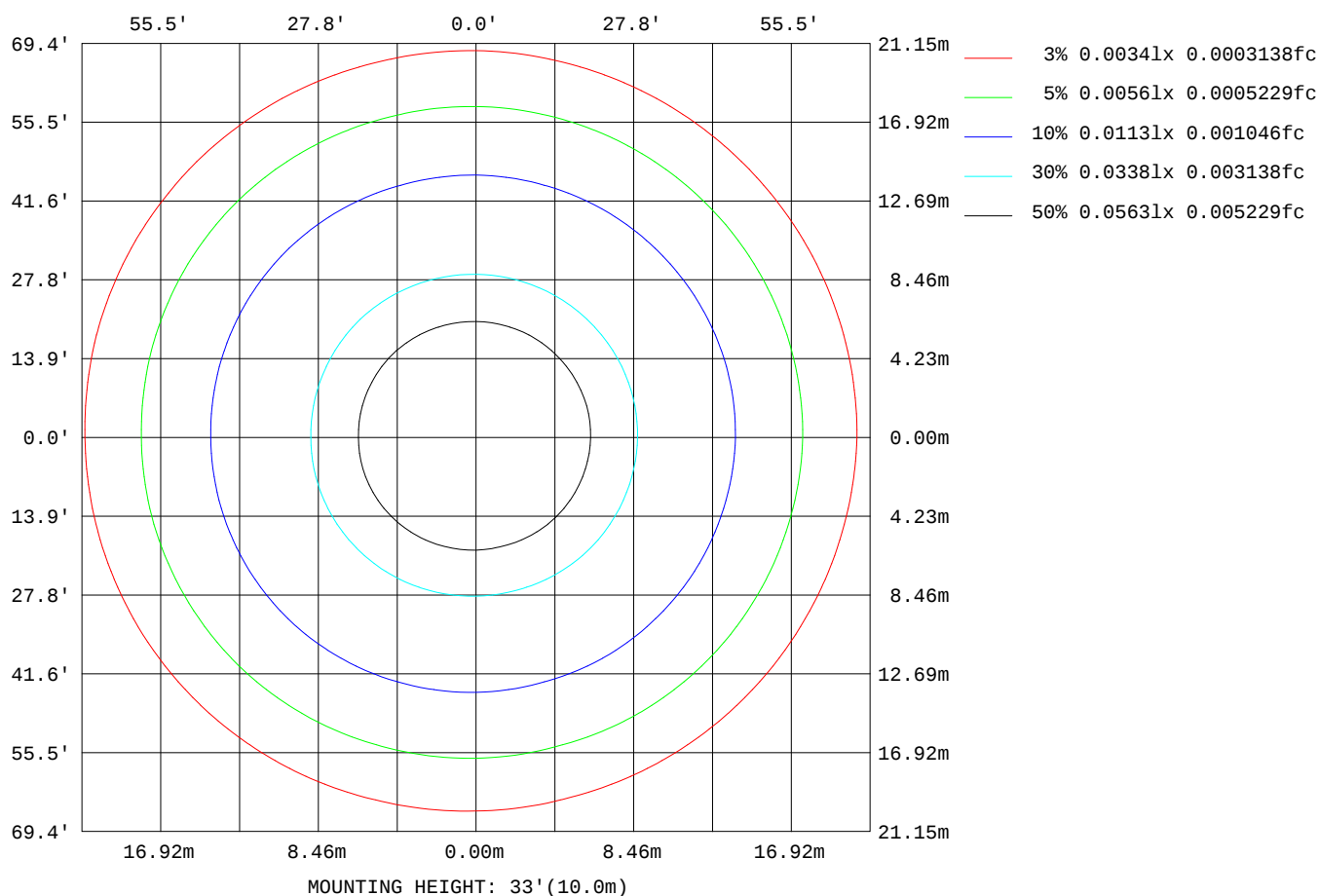
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-28

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(2700K)-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:2018-08-28

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(2700K)-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	842	830	821	813	806	801	797	792	793	801	808	819	834	850	864	875	885	891	896
60	814	801	790	781	774	769	764	758	760	769	777	790	807	825	840	852	864	873	878
65	781	765	752	742	733	726	722	717	719	727	738	754	774	794	812	827	839	848	855
70	737	716	700	687	677	671	666	660	662	672	686	705	729	754	775	791	805	816	826
75	663	639	619	604	594	586	578	573	576	589	608	632	660	693	718	735	757	773	783
80	525	491	464	444	437	425	410	409	417	435	464	497	534	581	617	638	664	684	703
85	134	108	88	73	63	51	40	42	49	63	88	119	163	255	321	352	405	441	468

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	896	200	---	500
Category 2	65 to 90	855	200	---	500
Category 3	75 to 90	783	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:2018-08-28

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(2700K) -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	11.3	11.3	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.2	11.2	11.3
5	11.2	11.2	11.2	11.2	11.2	11.1	11.2	11.2	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.3	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	11.1
15	10.8	10.7	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	10.9	10.9
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	10.6	10.5	10.5	10.4
25	9.96	9.91	9.87	9.85	9.80	9.78	9.85	9.91	9.99	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.1	10.1
30	9.30	9.25	9.18	9.15	9.11	9.07	9.14	9.21	9.30	9.41	9.50	9.56	9.56	9.60	9.60	9.59	9.53	9.46	9.42
35	8.80	8.73	8.66	8.62	8.58	8.53	8.60	8.67	8.79	8.90	9.01	9.07	9.09	9.12	9.13	9.11	9.05	8.97	8.93
40	7.97	7.89	7.81	7.76	7.70	7.67	7.73	7.81	7.94	8.07	8.18	8.26	8.28	8.33	8.32	8.31	8.23	8.16	8.10
45	7.36	7.28	7.19	7.13	7.08	7.04	7.11	7.19	7.33	7.46	7.58	7.67	7.70	7.74	7.75	7.72	7.64	7.56	7.50
50	6.40	6.30	6.21	6.14	6.11	6.05	6.13	6.20	6.36	6.50	6.62	6.71	6.76	6.80	6.81	6.79	6.71	6.62	6.57
55	5.72	5.62	5.54	5.47	5.43	5.38	5.45	5.53	5.67	5.82	5.95	6.02	6.09	6.14	6.17	6.13	6.05	5.95	5.91
60	4.68	4.58	4.49	4.44	4.39	4.35	4.42	4.50	4.64	4.79	4.90	5.00	5.05	5.11	5.12	5.09	5.00	4.92	4.88
65	3.97	3.87	3.78	3.72	3.68	3.66	3.71	3.80	3.94	4.08	4.20	4.28	4.34	4.41	4.42	4.39	4.32	4.23	4.19
70	2.90	2.78	2.70	2.65	2.62	2.59	2.64	2.73	2.87	3.01	3.11	3.19	3.25	3.35	3.34	3.31	3.25	3.17	3.13
75	2.16	2.06	1.98	1.93	1.90	1.88	1.93	2.02	2.15	2.29	2.38	2.46	2.51	2.61	2.61	2.58	2.52	2.45	2.41
80	1.05	0.95	0.89	0.87	0.82	0.82	0.87	0.96	1.07	1.20	1.27	1.35	1.40	1.52	1.52	1.49	1.45	1.38	1.34
85	0.31	0.24	0.19	0.16	0.12	0.13	0.17	0.25	0.35	0.49	0.54	0.62	0.66	0.77	0.79	0.77	0.72	0.66	0.63
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:2018-08-28

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(2700K)-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	11.1	11.0	11.0	11.0	11.0													
15	10.8	10.8	10.8	10.8	10.8													
20	10.4	10.4	10.4	10.4	10.4													
25	10.0	10.0	10.00	10.00	10.0													
30	9.39	9.37	9.34	9.34	9.35													
35	8.88	8.87	8.84	8.84	8.83													
40	8.06	8.04	8.03	8.01	8.02													
45	7.45	7.43	7.42	7.40	7.40													
50	6.51	6.48	6.47	6.46	6.45													
55	5.84	5.82	5.78	5.78	5.77													
60	4.81	4.77	4.75	4.73	4.71													
65	4.12	4.08	4.04	4.02	4.00													
70	3.06	3.03	2.96	2.92	2.89													
75	2.34	2.30	2.24	2.18	2.15													
80	1.27	1.23	1.14	1.07	1.01													
85	0.57	0.51	0.43	0.35	0.29													
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:2018-08-28

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: