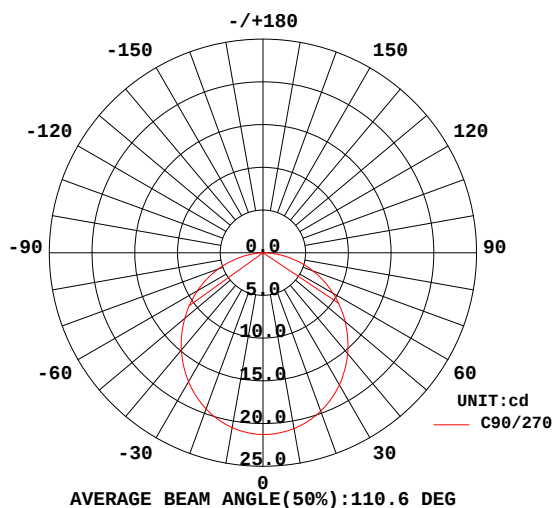


LUMINAIRE PHOTOMETRIC TEST REPORT

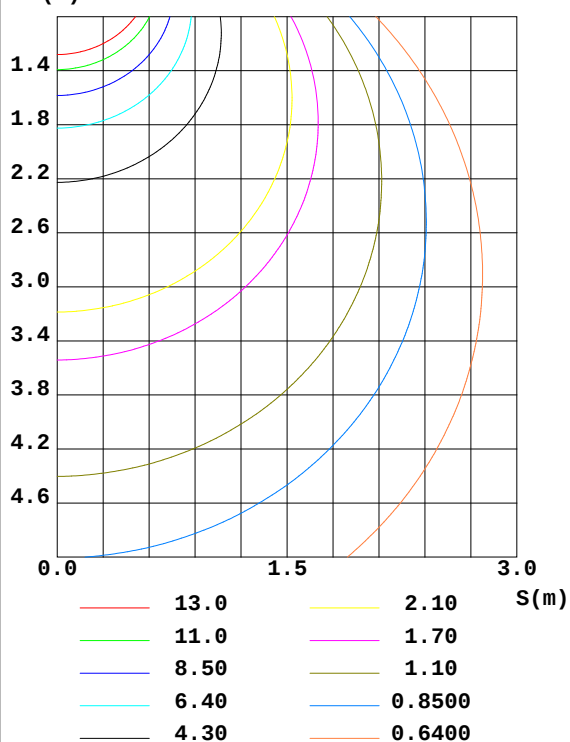
NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.:
MFR.:	SUR.:11.5*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.87 lm/W			
MODEL	5050	I _{max} (cd)	21.37	S/MH(C0/180)	1.24
NOMINAL POWER(W)	4.75	LOR(%)	122.2	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	61.115	η UP, DN(C0-180)	0.0, 59.9
NOMINAL FLUX(lm)	50	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 62.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	122.2	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	20.87	20.82	20.79	20.99	21.01	21.04	20.90	20.93	0- 10	2.016	2.016	3.3,4.03
20	19.68	19.52	19.46	19.82	19.94	19.96	19.74	19.72	10- 20	5.763	7.780	12.7,15.6
30	17.79	17.52	17.44	17.93	18.15	18.19	17.87	17.85	20- 30	8.696	16.48	27,33
40	15.33	14.99	14.88	15.47	15.80	15.83	15.43	15.39	30- 40	10.43	26.91	44,53.8
50	12.44	12.06	11.97	12.58	12.98	13.02	12.56	12.51	40- 50	10.80	37.71	61.7,75.4
60	9.280	8.921	8.848	9.480	9.859	9.923	9.463	9.342	50- 60	9.818	47.52	77.8,95
70	5.963	5.626	5.594	6.207	6.558	6.661	6.253	6.036	60- 70	7.687	55.21	90.3,110
80	2.476	2.238	2.258	2.821	3.104	3.256	2.950	2.615	70- 80	4.659	59.87	98,120
90	0.0000	0.0055	0.0000	0	0.0027	0.1341	0	0.0004	80- 90	1.243	61.11	100,122
100	0	0	0	0	0	0	0	0	90-100	0.0029	61.12	100,122
110	0	0	0	0	0	0	0	0	100-110	0	61.12	100,122
120	0	0	0	0	0	0	0	0	110-120	0	61.12	100,122
130	0	0	0	0	0	0	0	0	120-130	0	61.12	100,122
140	0	0	0	0	0	0	0	0	130-140	0	61.12	100,122
150	0	0	0	0	0	0	0	0	140-150	0	61.12	100,122
160	0	0	0	0	0	0	0	0	150-160	0	61.12	100,122
170	0	0	0	0	0	0	0	0	160-170	0	61.12	100,122
180	0	0	0	0	0	0	0	0	170-180	0	61.12	100,122
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

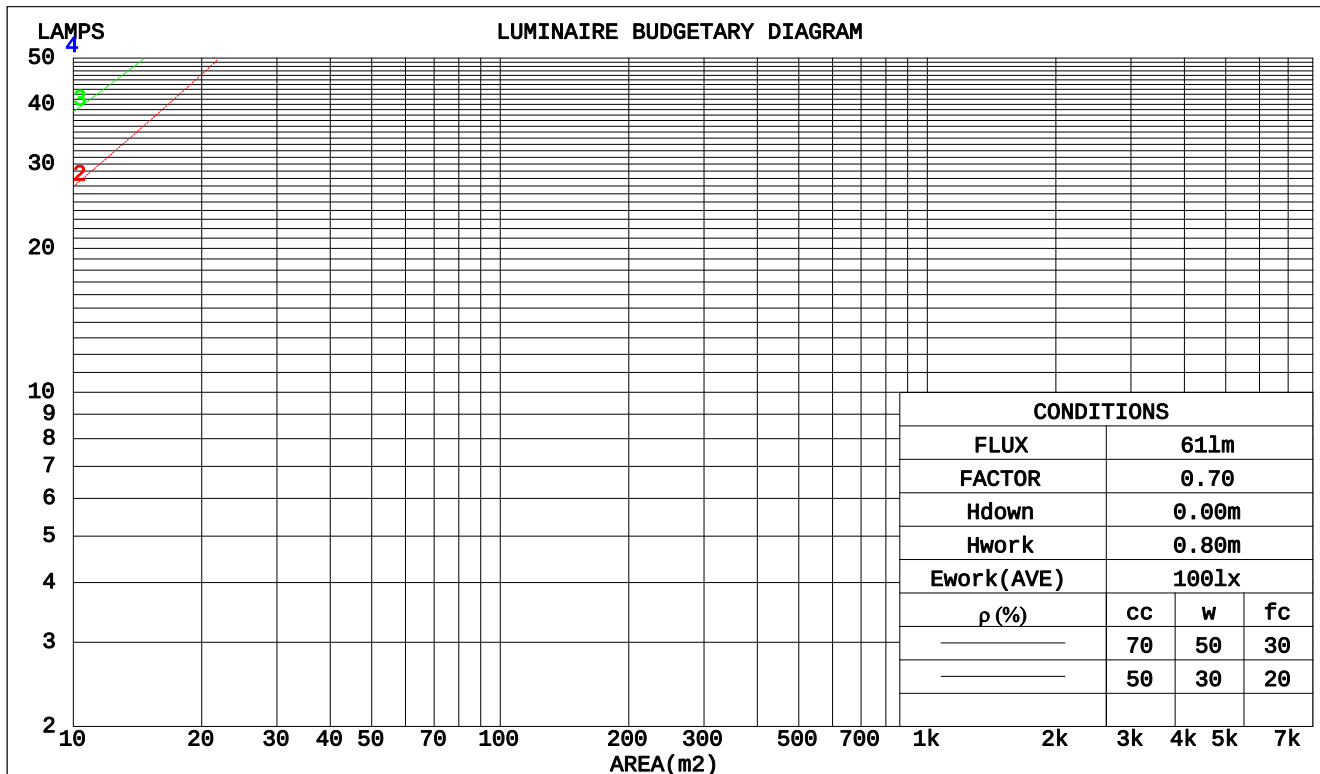
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-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-R	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	1.46	1.46	1.46	1.42	1.42	1.42	1.36	1.36	1.36	1.30	1.30	1.30	1.25	1.25	1.25	1.22
1.0	1.27	1.21	1.16	1.24	1.19	1.15	1.19	1.15	1.11	1.14	1.11	1.08	1.09	1.07	1.04	1.02
2.0	1.10	1.02	.94	1.08	.99	.93	1.03	.97	.91	.99	.94	.89	.96	.91	.87	.84
3.0	.96	.86	.78	.95	.85	.77	.91	.83	.76	.87	.81	.75	.84	.78	.73	.71
4.0	.85	.74	.66	.84	.74	.66	.81	.72	.65	.78	.70	.64	.75	.68	.63	.60
5.0	.76	.65	.57	.75	.64	.57	.72	.63	.56	.70	.62	.55	.67	.60	.55	.52
6.0	.69	.57	.50	.67	.57	.49	.65	.56	.49	.63	.55	.48	.61	.54	.48	.45
7.0	.62	.51	.44	.61	.51	.44	.59	.50	.43	.57	.49	.43	.56	.48	.43	.40
8.0	.57	.46	.39	.56	.46	.39	.54	.45	.39	.53	.44	.38	.51	.44	.38	.36
9.0	.52	.42	.35	.51	.42	.35	.50	.41	.35	.49	.40	.35	.47	.40	.34	.32
10.0	.48	.38	.32	.47	.38	.32	.46	.37	.32	.45	.37	.31	.44	.37	.31	.29



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:

WEC AND CCEC

NAME: C-SFR-F15S-HB-D24CC-RGBW(4000K)-56-5050-1M-R	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	.385	.219	.069	.376	.215	.068	.360	.207	.066	.345	.199	.064	.331	.192	.062		
2.0	.361	.198	.061	.354	.195	.060	.339	.189	.059	.326	.183	.057	.314	.177	.056		
3.0	.333	.177	.053	.327	.175	.053	.314	.170	.052	.302	.166	.051	.291	.161	.050		
4.0	.307	.160	.047	.301	.158	.047	.290	.154	.046	.279	.150	.045	.270	.147	.045		
5.0	.283	.144	.042	.278	.143	.042	.268	.140	.041	.259	.137	.041	.250	.134	.040		
6.0	.263	.132	.038	.258	.130	.037	.249	.128	.037	.241	.125	.037	.233	.123	.036		
7.0	.244	.121	.034	.240	.120	.034	.232	.117	.034	.225	.115	.034	.218	.113	.033		
8.0	.228	.111	.031	.224	.110	.031	.217	.108	.031	.210	.107	.031	.204	.105	.031		
9.0	.213	.103	.029	.210	.102	.029	.204	.101	.029	.198	.099	.028	.192	.098	.028		
10.0	.201	.096	.027	.198	.095	.027	.192	.094	.026	.186	.093	.026	.181	.091	.026		

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	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025	
1.0	.221	.191	.164	.189	.164	.141	.129	.113	.097	.074	.065	.057	.024	.021	.018	
2.0	.211	.161	.119	.181	.139	.103	.124	.096	.072	.071	.056	.042	.023	.018	.014	
3.0	.202	.140	.090	.173	.121	.078	.119	.084	.055	.069	.049	.032	.022	.016	.011	
4.0	.192	.124	.071	.165	.107	.062	.114	.074	.043	.066	.044	.026	.021	.014	.008	
5.0	.183	.111	.057	.157	.096	.050	.108	.067	.035	.063	.039	.021	.020	.013	.007	
6.0	.174	.101	.048	.150	.087	.042	.103	.061	.029	.060	.036	.017	.019	.012	.006	
7.0	.166	.092	.040	.143	.080	.035	.099	.056	.025	.057	.033	.015	.019	.011	.005	
8.0	.158	.085	.035	.136	.074	.031	.094	.052	.022	.055	.031	.013	.018	.010	.004	
9.0	.151	.079	.031	.130	.069	.027	.090	.048	.019	.052	.028	.011	.017	.009	.004	
10.0	.144	.074	.027	.124	.064	.024	.086	.045	.017	.050	.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-R						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	14.5	16.0	14.7	16.2	16.4	14.3	15.8	14.5	16.0	16.2	
	3H	16.1	17.5	16.4	17.7	18.0	15.8	17.2	16.1	17.5	17.7
	4H	16.7	18.1	17.0	18.3	18.6	16.4	17.8	16.7	18.0	18.3
	6H	17.2	18.4	17.5	18.7	19.0	16.8	18.1	17.2	18.4	18.7
	8H	17.3	18.5	17.6	18.8	19.1	16.9	18.2	17.3	18.4	18.7
	12H	17.3	18.5	17.7	18.8	19.1	16.9	18.1	17.3	18.4	18.7
4H	2H	15.1	16.4	15.4	16.7	16.9	14.9	16.3	15.2	16.5	16.8
	3H	16.8	18.0	17.2	18.3	18.6	16.6	17.8	17.0	18.1	18.4
	4H	17.6	18.7	18.0	19.0	19.3	17.3	18.4	17.7	18.8	19.1
	6H	18.2	19.1	18.6	19.5	19.8	17.9	18.8	18.3	19.2	19.6
	8H	18.3	19.2	18.7	19.6	20.0	18.0	18.9	18.4	19.3	19.7
	12H	18.4	19.2	18.8	19.6	20.0	18.0	18.9	18.5	19.3	19.7
8H	4H	17.8	18.7	18.3	19.1	19.5	17.6	18.5	18.0	18.9	19.3
	6H	18.5	19.3	19.0	19.7	20.1	18.3	19.0	18.7	19.4	19.8
	8H	18.7	19.4	19.2	19.8	20.3	18.5	19.1	18.9	19.5	20.0
	12H	18.8	19.4	19.3	19.9	20.3	18.5	19.1	19.0	19.6	20.0
12H	4H	17.8	18.7	18.3	19.1	19.5	17.6	18.5	18.1	18.8	19.2
	6H	18.6	19.2	19.0	19.7	20.1	18.3	19.0	18.8	19.4	19.9
	8H	18.8	19.4	19.3	19.8	20.3	18.5	19.1	19.0	19.5	20.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 50.00 lm Total Lamp Luminous Flux.(8log(F/F0) = -10.4)

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-R	WEIGHT: 0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.: 11.5*1000mm PROTECTION ANGLE:

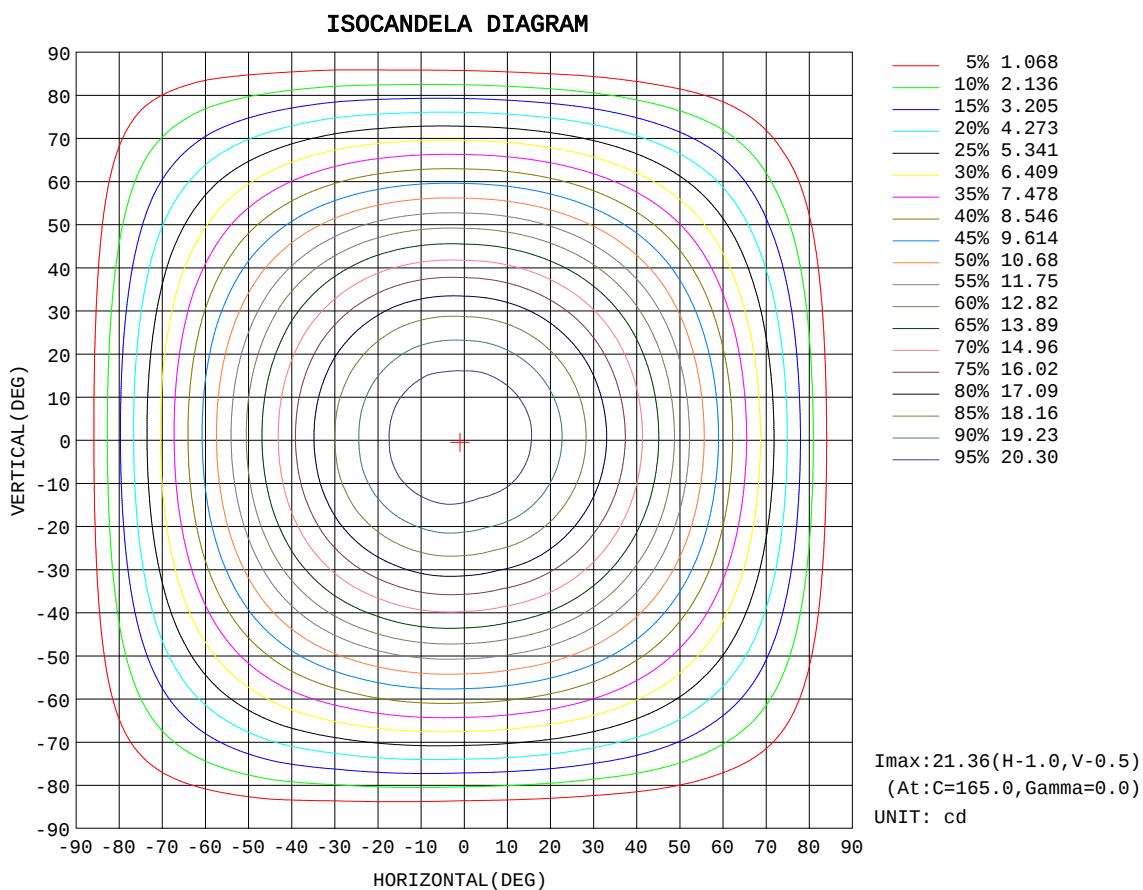
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	70	56	47	69	55	47	68	55	47	39
0.80	82	68	59	81	67	59	79	66	58	50
1.00	92	79	70	91	78	69	88	80	69	60
1.25	101	88	79	99	87	79	96	85	78	69
1.50	107	95	86	105	94	86	101	92	84	75
2.00	116	105	97	113	104	96	109	101	94	85
2.50	120	111	103	118	109	102	113	106	100	90
3.00	125	116	109	122	114	108	117	111	105	95
4.00	130	122	117	127	120	115	121	116	112	101
5.00	133	127	122	130	124	120	124	120	116	105
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: 2018-08-29

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:

ISOCANDELA DIAGRAM

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

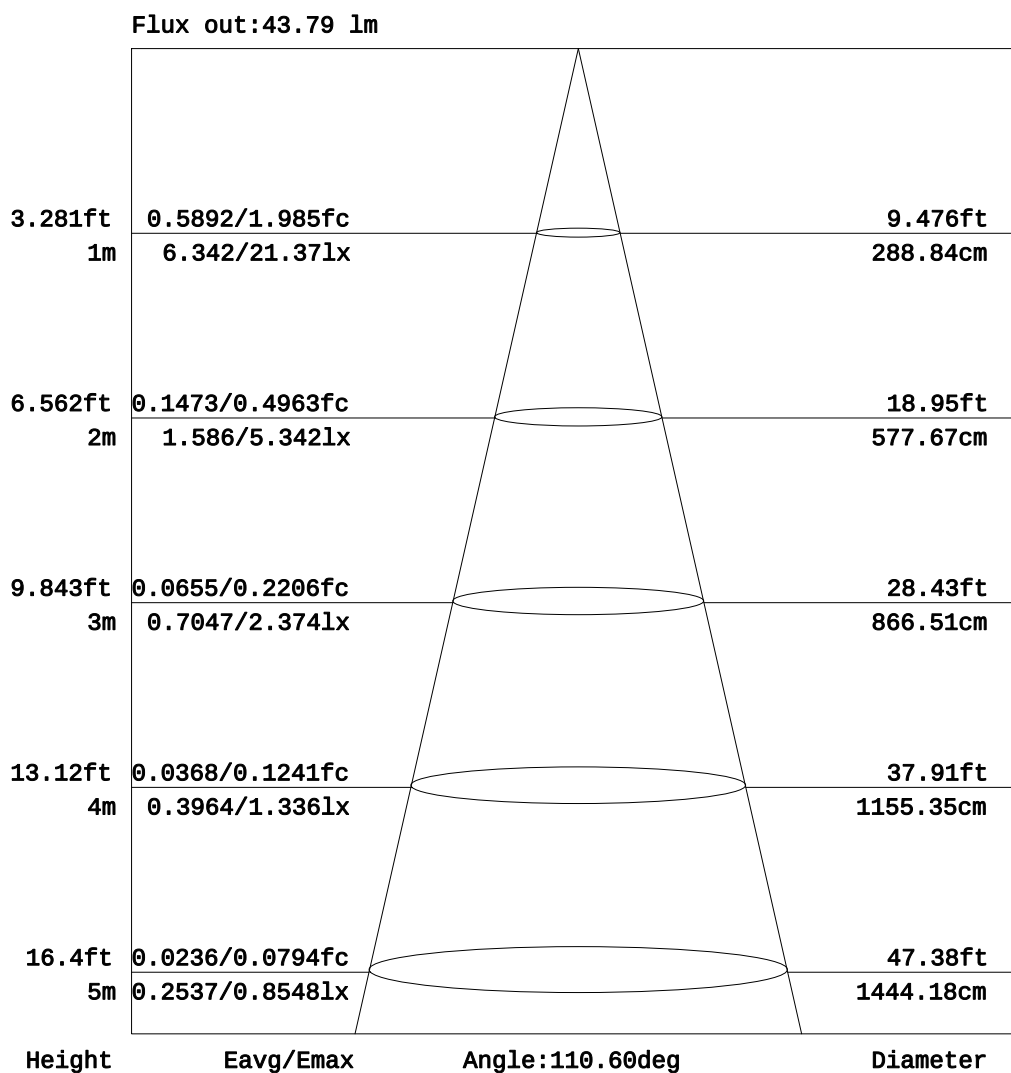


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-29

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE 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(4000K)-56-5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.: SERIAL No.:
MFR.:	SUR.:11.5*1000mm PROTECTION ANGLE:



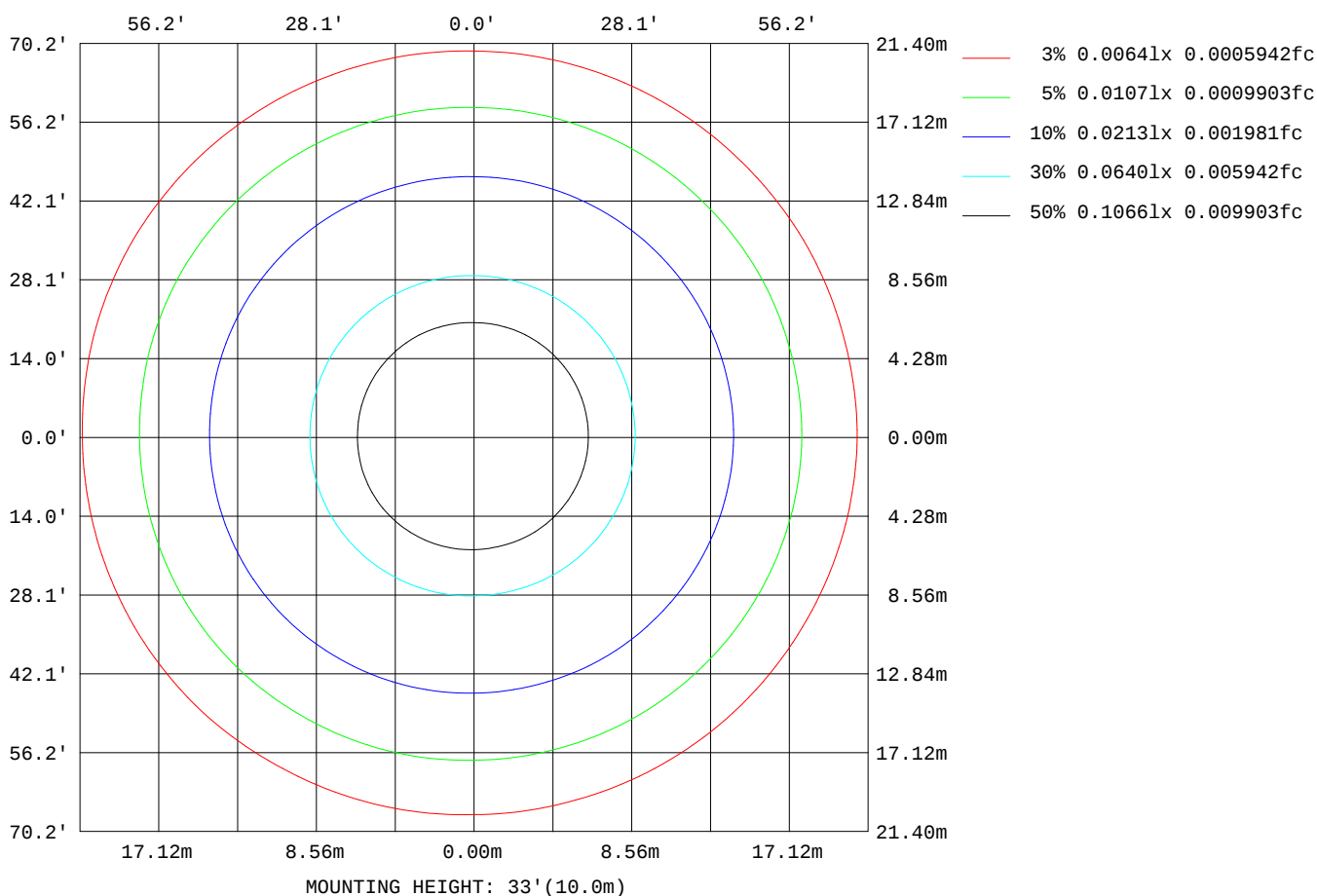
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-R	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-R	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	50	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	1651	1637	1623	1610	1599	1590	1583	1575	1573	1581	1598	1617	1638	1664	1688	1707	1719	1728	1737
60	1614	1599	1585	1570	1557	1547	1540	1532	1531	1539	1558	1580	1603	1634	1661	1681	1696	1706	1715
65	1571	1554	1535	1515	1505	1496	1487	1481	1481	1489	1512	1536	1561	1599	1631	1652	1670	1683	1694
70	1516	1492	1469	1447	1435	1425	1416	1412	1413	1422	1450	1480	1510	1556	1594	1618	1637	1652	1667
75	1426	1393	1362	1335	1327	1317	1305	1304	1307	1318	1354	1392	1429	1490	1537	1564	1587	1607	1629
80	1240	1203	1163	1128	1122	1111	1095	1098	1109	1131	1181	1229	1278	1370	1435	1464	1496	1523	1554
85	745	715	671	629	633	626	602	603	614	641	718	801	891	1054	1164	1205	1257	1300	1353

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	1737	200	---	500
Category 2	65 to 90	1694	200	---	500
Category 3	75 to 90	1629	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-R	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	21.3	21.3	21.3	21.3	21.3	21.2	21.3	21.3	21.3	21.4	21.4	21.4	21.3	21.3	21.3	21.3	21.3	21.2	21.3
5	21.2	21.2	21.2	21.2	21.2	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2	21.2
10	20.9	20.9	20.8	20.8	20.8	20.7	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.1	21.0	21.0	20.9	20.9
15	20.5	20.5	20.4	20.4	20.3	20.3	20.4	20.5	20.5	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.6	20.5
20	19.7	19.6	19.6	19.5	19.5	19.4	19.5	19.6	19.7	19.8	19.9	20.0	19.9	20.0	20.0	20.0	19.9	19.8	19.7
25	19.0	18.9	18.9	18.8	18.7	18.6	18.7	18.9	19.0	19.1	19.2	19.3	19.3	19.3	19.4	19.3	19.3	19.2	19.1
30	17.8	17.7	17.6	17.5	17.5	17.4	17.4	17.6	17.7	17.9	18.1	18.2	18.2	18.2	18.2	18.2	18.1	18.0	17.9
35	16.9	16.8	16.7	16.6	16.5	16.4	16.5	16.6	16.8	17.0	17.2	17.3	17.3	17.3	17.4	17.3	17.2	17.1	16.9
40	15.3	15.2	15.1	15.0	14.9	14.8	14.9	15.1	15.2	15.5	15.6	15.8	15.8	15.9	15.9	15.8	15.7	15.6	15.4
45	14.2	14.1	14.0	13.9	13.8	13.7	13.8	13.9	14.1	14.4	14.5	14.7	14.7	14.8	14.8	14.7	14.6	14.5	14.3
50	12.4	12.3	12.2	12.1	12.0	11.9	12.0	12.1	12.3	12.6	12.8	12.9	13.0	13.1	13.1	13.0	12.9	12.7	12.6
55	11.2	11.1	10.9	10.8	10.8	10.7	10.7	10.9	11.1	11.4	11.6	11.7	11.8	11.9	11.9	11.8	11.7	11.5	11.3
60	9.28	9.16	9.03	8.92	8.85	8.80	8.85	9.03	9.22	9.48	9.67	9.78	9.86	9.99	10.0	9.92	9.78	9.62	9.46
65	7.97	7.85	7.70	7.62	7.56	7.52	7.56	7.74	7.92	8.19	8.36	8.49	8.56	8.70	8.72	8.63	8.50	8.33	8.19
70	5.96	5.82	5.69	5.63	5.57	5.55	5.59	5.77	5.94	6.21	6.36	6.47	6.56	6.74	6.75	6.66	6.55	6.38	6.25
75	4.59	4.45	4.31	4.28	4.23	4.22	4.26	4.43	4.60	4.86	5.00	5.10	5.18	5.37	5.40	5.30	5.22	5.07	4.95
80	2.48	2.36	2.25	2.24	2.19	2.20	2.26	2.41	2.55	2.82	2.92	3.02	3.10	3.30	3.34	3.26	3.19	3.05	2.95
85	1.08	1.02	0.93	0.93	0.88	0.91	0.94	1.08	1.22	1.46	1.54	1.63	1.70	1.91	1.96	1.90	1.85	1.70	1.61
90	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.13	0.09	0.01	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	0.01	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-R	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	21.3	21.3	21.4	21.4	21.4														
5	21.3	21.3	21.3	21.3	21.3														
10	20.9	20.9	20.9	20.9	20.9														
15	20.6	20.5	20.5	20.5	20.5														
20	19.8	19.7	19.7	19.7	19.7														
25	19.1	19.0	19.0	19.0	19.0														
30	17.9	17.9	17.9	17.8	17.8														
35	16.9	16.9	16.9	16.9	16.9														
40	15.4	15.4	15.4	15.4	15.4														
45	14.3	14.3	14.3	14.3	14.2														
50	12.5	12.5	12.5	12.5	12.5														
55	11.3	11.3	11.3	11.3	11.2														
60	9.42	9.37	9.34	9.35	9.30														
65	8.13	8.09	8.04	8.03	7.96														
70	6.19	6.12	6.04	5.99	5.92														
75	4.85	4.77	4.67	4.60	4.51														
80	2.85	2.75	2.62	2.53	2.38														
85	1.51	1.42	1.27	1.16	0.99														
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
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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%
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