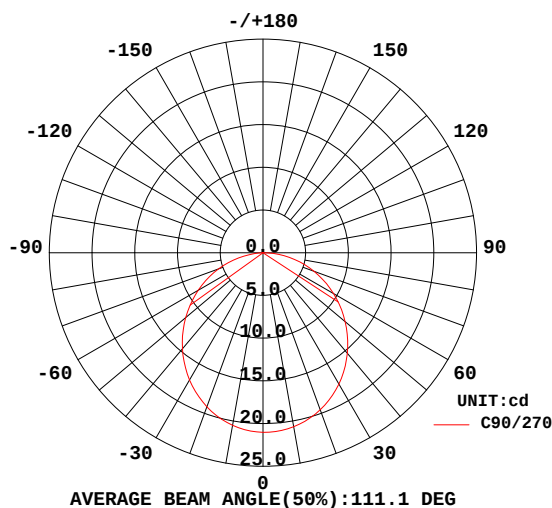


LUMINAIRE PHOTOMETRIC TEST REPORT

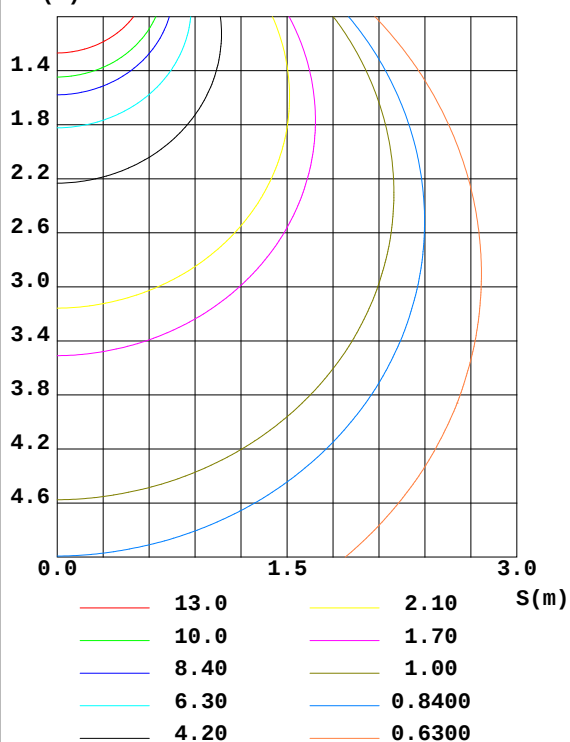
NAME: C-SFR-F15S-HB-D24CC-RGBW(2700K)-56-5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 11.5*21mm	SPEC.:
MFR.:	SUR.:11.5*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.93 lm/W			
MODEL	5050	I _{max} (cd)	21.09	S/MH(C0/180)	1.24
NOMINAL POWER(W)	4.68	LOR(%)	121.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	60.497	η UP, DN(C0-180)	0.0, 58.9
NOMINAL FLUX(lm)	50	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 62.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	121.0	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 G0-2000A_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	20.48	20.38	20.52	20.72	20.63	20.67	20.68	20.68	0- 10	1.985	1.985	3.28, 3.97
20	19.30	19.09	19.20	19.55	19.57	19.62	19.57	19.52	10- 20	5.674	7.658	12.7, 15.3
30	17.44	17.12	17.20	17.71	17.84	17.90	17.75	17.69	20- 30	8.566	16.22	26.8, 32.4
40	15.01	14.63	14.67	15.30	15.52	15.60	15.36	15.28	30- 40	10.29	26.51	43.8, 53
50	12.16	11.74	11.81	12.49	12.75	12.85	12.56	12.46	40- 50	10.66	37.17	61.4, 74.3
60	9.063	8.644	8.746	9.433	9.689	9.802	9.517	9.367	50- 60	9.703	46.87	77.5, 93.7
70	5.799	5.417	5.550	6.223	6.452	6.598	6.364	6.127	60- 70	7.619	54.49	90.1, 109
80	2.384	2.112	2.274	2.917	3.055	3.265	3.146	2.794	70- 80	4.660	59.15	97.8, 118
90	0	0	0.0089	0.1642	0	0.1200	0.1852	0.0340	80- 90	1.329	60.48	100, 121
100	0	0	0	0.0437	0	0	0	0	90-100	0.0180	60.50	100, 121
110	0	0	0	0	0	0	0	0	100-110	0.0009	60.50	100, 121
120	0	0	0	0	0	0	0	0	110-120	0	60.50	100, 121
130	0	0	0	0	0	0	0	0	120-130	0	60.50	100, 121
140	0	0	0	0	0	0	0	0	130-140	0	60.50	100, 121
150	0	0	0	0	0	0	0	0	140-150	0	60.50	100, 121
160	0	0	0	0	0	0	0	0	150-160	0	60.50	100, 121
170	0	0	0	0	0	0	0	0	160-170	0	60.50	100, 121
180	0	0	0	0	0	0	0	0	170-180	0	60.50	100, 121
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

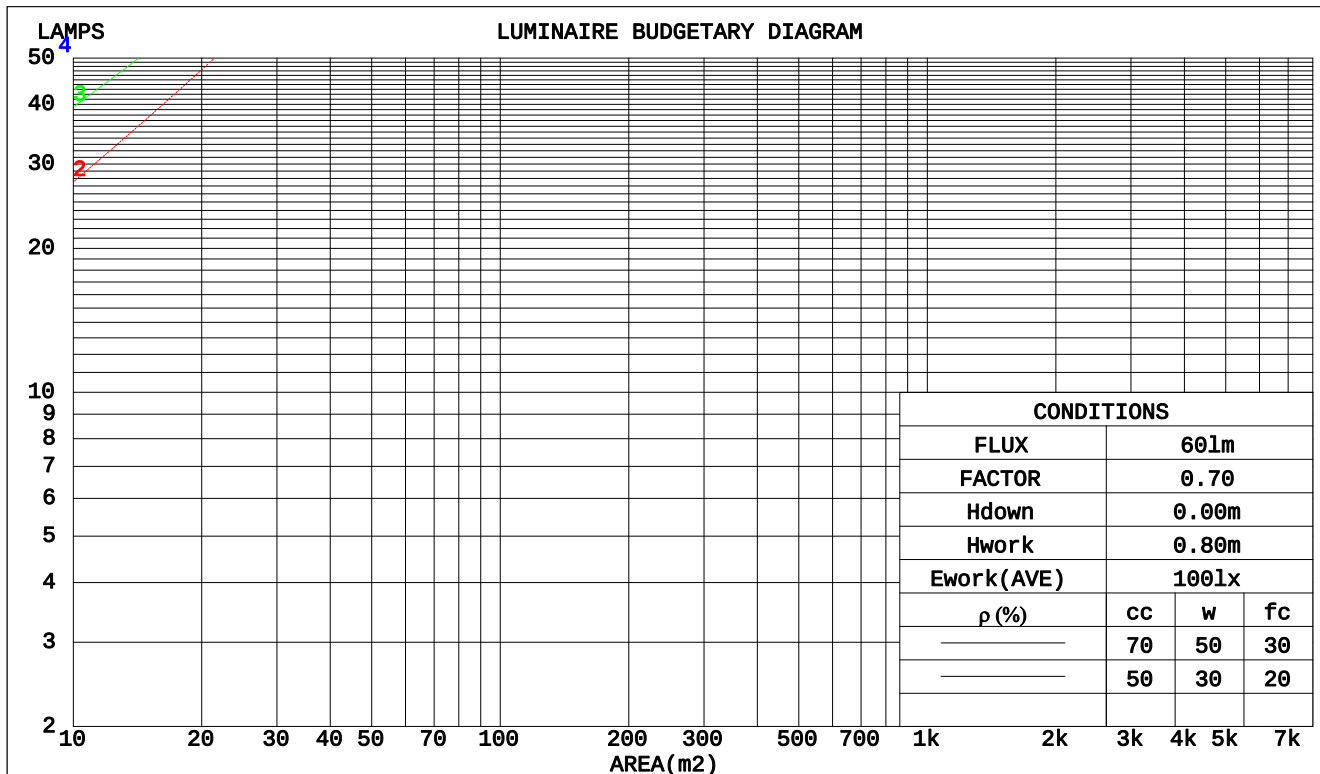
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-28

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE 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(2700K)-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	1.44	1.44	1.44	1.41	1.41	1.41	1.34	1.34	1.34	1.29	1.29	1.29	1.23	1.23	1.23	1.21
1.0	1.25	1.20	1.15	1.22	1.18	1.13	1.17	1.13	1.10	1.13	1.09	1.06	1.08	1.05	1.03	1.00
2.0	1.09	1.00	.93	1.06	.99	.92	1.02	.96	.90	.98	.93	.88	.94	.90	.86	.83
3.0	.95	.85	.77	.93	.84	.76	.90	.82	.75	.86	.80	.74	.83	.77	.72	.70
4.0	.84	.73	.65	.83	.73	.65	.80	.71	.64	.77	.69	.63	.74	.68	.62	.59
5.0	.75	.64	.56	.74	.64	.56	.71	.62	.55	.69	.61	.54	.67	.60	.54	.51
6.0	.68	.57	.49	.67	.56	.49	.64	.55	.48	.62	.54	.48	.60	.53	.47	.45
7.0	.61	.51	.43	.60	.50	.43	.58	.49	.43	.57	.48	.42	.55	.48	.42	.40
8.0	.56	.46	.38	.55	.45	.38	.54	.44	.38	.52	.44	.38	.51	.43	.38	.35
9.0	.51	.41	.35	.51	.41	.34	.49	.40	.34	.48	.40	.34	.47	.39	.34	.32
10.0	.47	.38	.31	.47	.37	.31	.46	.37	.31	.44	.37	.31	.43	.36	.31	.29



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-R	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	.384	.218	.069	.375	.214	.068	.359	.206	.066	.344	.198	.064	.330	.192	.062		
2.0	.359	.197	.060	.351	.194	.060	.337	.188	.058	.324	.182	.057	.312	.176	.056		
3.0	.331	.176	.053	.324	.174	.052	.312	.169	.051	.300	.164	.050	.289	.160	.050		
4.0	.305	.158	.047	.299	.156	.046	.288	.153	.046	.277	.149	.045	.268	.145	.044		
5.0	.281	.143	.042	.276	.142	.041	.266	.139	.041	.257	.136	.040	.248	.133	.040		
6.0	.260	.131	.037	.256	.129	.037	.247	.127	.037	.239	.124	.036	.231	.122	.036		
7.0	.242	.120	.034	.238	.119	.034	.230	.116	.033	.223	.114	.033	.216	.112	.033		
8.0	.226	.110	.031	.222	.109	.031	.215	.107	.031	.209	.106	.030	.202	.104	.030		
9.0	.212	.102	.029	.208	.101	.028	.202	.100	.028	.196	.098	.028	.190	.097	.028		
10.0	.199	.095	.026	.196	.095	.026	.190	.093	.026	.185	.092	.026	.180	.090	.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	.231	.231	.231	.197	.197	.197	.135	.135	.135	.077	.077	.077	.025	.025	.025	
1.0	.219	.189	.162	.187	.162	.140	.128	.112	.097	.074	.065	.056	.024	.021	.018	
2.0	.210	.160	.118	.179	.138	.102	.123	.095	.071	.071	.055	.042	.023	.018	.014	
3.0	.200	.139	.090	.172	.120	.078	.118	.083	.054	.068	.049	.032	.022	.016	.011	
4.0	.191	.123	.070	.164	.106	.061	.113	.074	.043	.065	.043	.025	.021	.014	.008	
5.0	.182	.110	.057	.156	.095	.050	.108	.066	.035	.062	.039	.021	.020	.013	.007	
6.0	.173	.100	.047	.149	.087	.041	.103	.061	.029	.060	.036	.017	.019	.012	.006	
7.0	.165	.092	.040	.142	.079	.035	.098	.056	.025	.057	.033	.015	.018	.011	.005	
8.0	.157	.085	.035	.135	.073	.030	.093	.051	.022	.054	.030	.013	.018	.010	.004	
9.0	.149	.079	.031	.129	.068	.027	.089	.048	.019	.052	.028	.011	.017	.009	.004	
10.0	.142	.073	.027	.123	.064	.024	.085	.045	.017	.050	.026	.010	.016	.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-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		14.3	15.9	14.6	16.1	16.3	14.1	15.7	14.4	15.9	16.1
3H		15.9	17.3	16.2	17.6	17.8	15.7	17.1	16.0	17.3	17.6
4H		16.5	17.9	16.9	18.1	18.4	16.3	17.6	16.6	17.9	18.1
6H		17.0	18.2	17.3	18.5	18.8	16.7	18.0	17.0	18.2	18.5
8H		17.1	18.3	17.4	18.6	18.9	16.8	18.0	17.1	18.3	18.6
12H		17.1	18.3	17.5	18.6	18.9	16.8	18.0	17.2	18.3	18.6
4H 2H		14.9	16.2	15.2	16.5	16.8	14.7	16.1	15.1	16.3	16.6
3H		16.6	17.8	17.0	18.1	18.4	16.4	17.6	16.8	17.9	18.2
4H		17.4	18.5	17.8	18.8	19.1	17.2	18.3	17.6	18.6	18.9
6H		18.0	18.9	18.4	19.3	19.6	17.7	18.7	18.1	19.0	19.4
8H		18.1	19.0	18.5	19.4	19.8	17.8	18.7	18.2	19.1	19.5
12H		18.1	19.0	18.6	19.4	19.8	17.9	18.7	18.3	19.1	19.5
8H 4H		17.6	18.5	18.1	18.9	19.3	17.4	18.3	17.9	18.7	19.1
6H		18.3	19.1	18.8	19.5	19.9	18.1	18.8	18.5	19.2	19.7
8H		18.5	19.2	19.0	19.6	20.1	18.3	18.9	18.7	19.4	19.8
12H		18.6	19.2	19.1	19.6	20.1	18.3	18.9	18.8	19.4	19.8
12H 4H		17.6	18.5	18.1	18.9	19.3	17.4	18.3	17.9	18.7	19.1
6H		18.3	19.0	18.8	19.4	19.9	18.1	18.8	18.6	19.2	19.7
8H		18.6	19.1	19.0	19.6	20.1	18.3	18.9	18.8	19.3	19.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.3					+ 0.1 / - 0.2				
2.0H		+ 0.2 / - 0.3					+ 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:2018-08-28

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

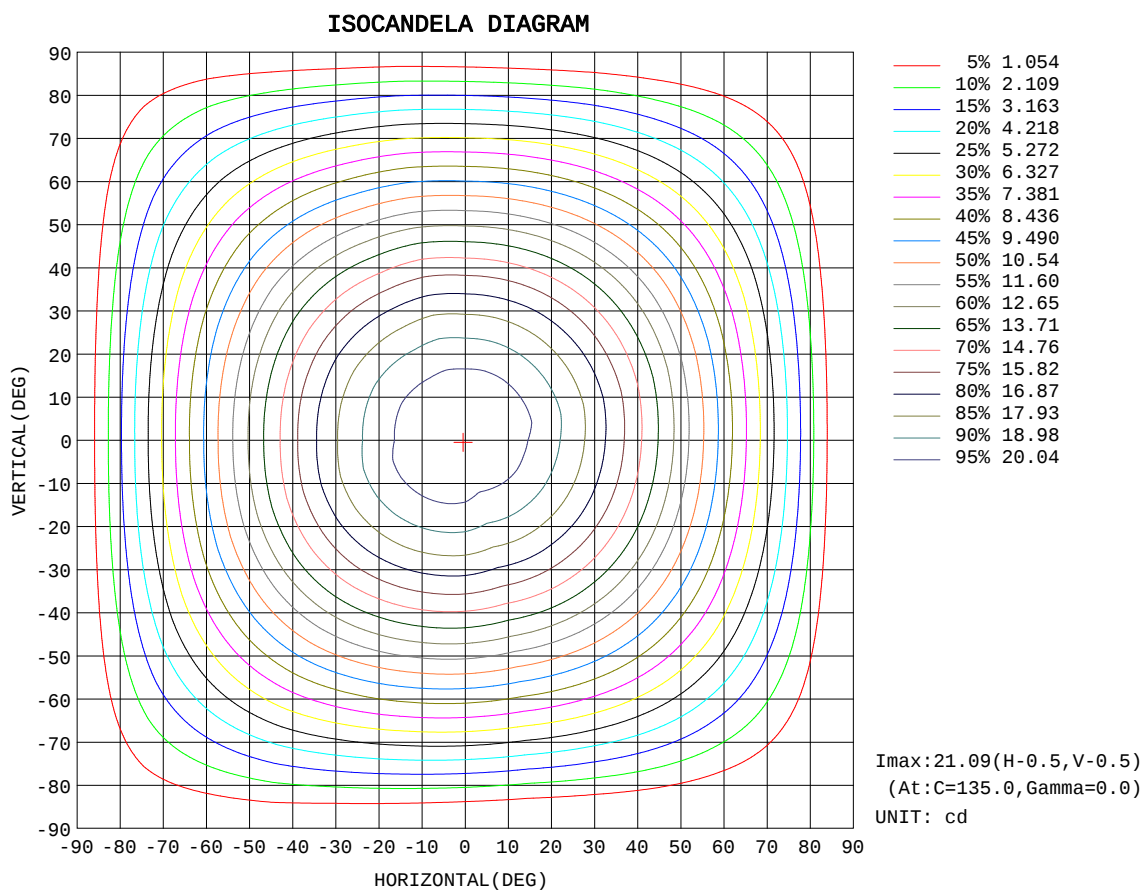
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) × RCR = 5									
k = 0.60	69	55	47	68	55	46	67	54	46	38
0.80	81	67	58	80	66	58	78	65	57	49
1.00	91	78	69	90	77	68	87	79	68	59
1.25	100	87	78	98	86	78	95	84	77	68
1.50	106	94	85	104	93	85	100	90	83	74
2.00	114	104	96	112	102	95	108	100	93	83
2.50	119	109	102	117	108	101	112	105	99	89
3.00	123	115	108	121	113	107	116	109	104	94
4.00	128	121	115	125	119	114	120	115	110	100
5.00	131	125	120	128	123	118	123	118	114	103
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 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(2700K)-56-5050-1M-R	WEIGHT: 0.325Kg/m
DIM.: 11.5*21mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.: 11.5*1000mm	

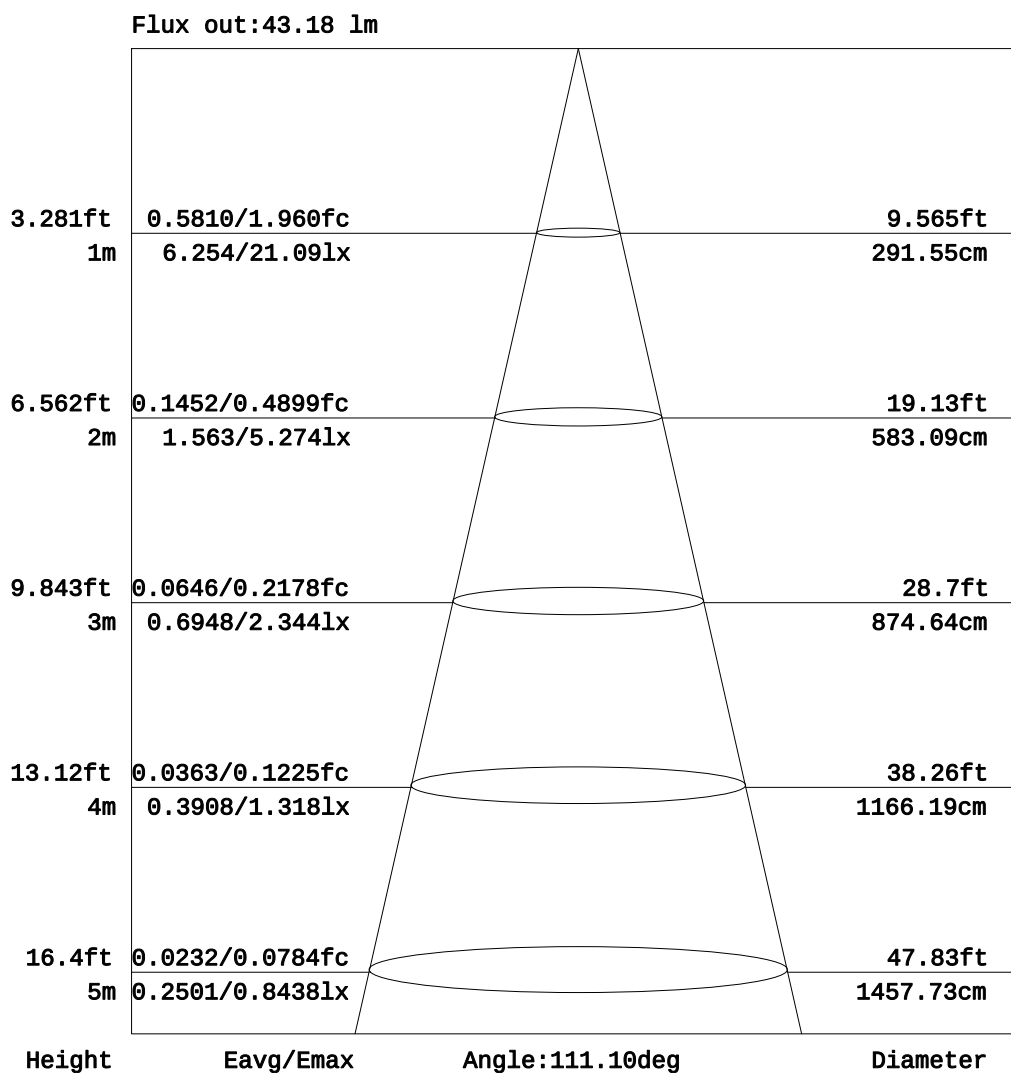


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-28

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:

AAI Figure

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



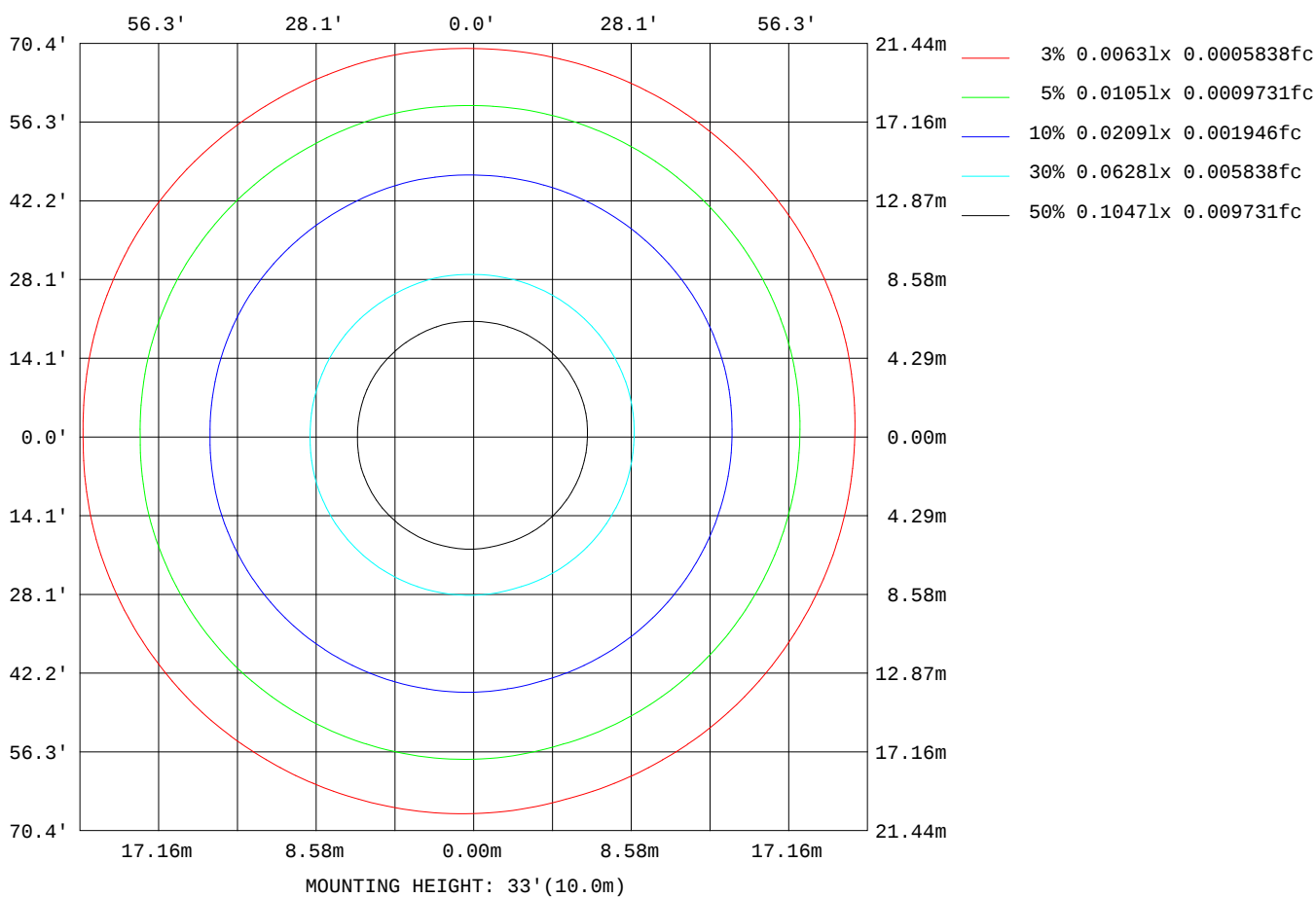
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-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:2018-08-28

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-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	1611	1595	1580	1565	1553	1544	1536	1529	1537	1560	1578	1600	1625	1652	1676	1694	1708	1711	1706
60	1576	1556	1537	1521	1508	1499	1491	1484	1494	1521	1542	1566	1596	1626	1652	1672	1689	1692	1685
65	1531	1508	1486	1467	1455	1446	1438	1431	1443	1472	1498	1527	1561	1597	1628	1650	1669	1672	1665
70	1474	1441	1414	1394	1382	1372	1364	1359	1375	1411	1441	1476	1517	1562	1597	1621	1644	1647	1640
75	1383	1338	1304	1281	1271	1261	1250	1246	1268	1313	1355	1401	1451	1510	1554	1581	1611	1614	1604
80	1194	1146	1103	1070	1060	1050	1039	1034	1069	1139	1200	1264	1335	1422	1482	1513	1557	1555	1530
85	695	643	592	553	560	565	557	549	601	712	815	918	1032	1195	1305	1352	1420	1406	1356

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	1711	200	---	500
Category 2	65 to 90	1672	200	---	500
Category 3	75 to 90	1614	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-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	20.9	20.9	20.9	20.9	20.9	20.8	21.0	21.1	21.1	21.1	21.1	21.1	20.9	20.9	20.9	20.9	20.9	20.8	21.0
5	20.8	20.8	20.8	20.8	20.8	20.7	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9	20.9	20.9	20.9	20.8	21.0
10	20.5	20.4	20.4	20.4	20.3	20.3	20.5	20.6	20.7	20.7	20.7	20.8	20.6	20.6	20.7	20.7	20.6	20.5	20.7
15	20.1	20.0	20.0	20.0	19.9	19.8	20.1	20.2	20.3	20.3	20.4	20.4	20.3	20.3	20.4	20.3	20.3	20.3	20.3
20	19.3	19.2	19.2	19.1	19.0	19.0	19.2	19.3	19.4	19.6	19.6	19.7	19.6	19.6	19.7	19.6	19.6	19.7	19.6
25	18.6	18.5	18.5	18.4	18.3	18.2	18.5	18.6	18.7	18.9	19.0	19.1	18.9	19.0	19.0	19.0	19.0	19.0	18.9
30	17.4	17.3	17.2	17.1	17.1	17.0	17.2	17.3	17.5	17.7	17.9	17.9	17.8	17.9	17.9	17.9	17.9	17.9	17.8
35	16.5	16.4	16.3	16.2	16.1	16.0	16.2	16.4	16.6	16.8	17.0	17.1	17.0	17.0	17.1	17.0	17.0	17.0	16.9
40	15.0	14.9	14.7	14.6	14.5	14.5	14.7	14.9	15.1	15.3	15.5	15.6	15.5	15.6	15.6	15.6	15.5	15.5	15.4
45	13.9	13.8	13.6	13.5	13.4	13.3	13.6	13.7	14.0	14.2	14.4	14.5	14.5	14.6	14.6	14.5	14.4	14.5	14.3
50	12.2	12.0	11.9	11.7	11.7	11.6	11.8	12.0	12.2	12.5	12.7	12.8	12.8	12.9	12.9	12.8	12.7	12.7	12.6
55	10.9	10.8	10.6	10.5	10.4	10.4	10.6	10.8	11.0	11.3	11.5	11.6	11.6	11.7	11.8	11.7	11.6	11.5	11.4
60	9.06	8.89	8.75	8.64	8.58	8.54	8.75	8.93	9.18	9.43	9.61	9.74	9.69	9.84	9.89	9.80	9.69	9.69	9.52
65	7.77	7.60	7.45	7.37	7.30	7.28	7.48	7.67	7.90	8.17	8.34	8.47	8.42	8.57	8.62	8.53	8.43	8.42	8.28
70	5.80	5.61	5.48	5.42	5.37	5.35	5.55	5.73	5.97	6.22	6.37	6.49	6.45	6.64	6.67	6.60	6.51	6.50	6.36
75	4.46	4.26	4.15	4.10	4.05	4.05	4.24	4.43	4.65	4.90	5.04	5.16	5.11	5.30	5.34	5.27	5.21	5.19	5.08
80	2.38	2.25	2.14	2.11	2.07	2.08	2.27	2.46	2.67	2.92	3.02	3.14	3.06	3.28	3.32	3.26	3.22	3.24	3.15
85	1.03	0.92	0.84	0.84	0.82	0.84	1.00	1.17	1.35	1.59	1.69	1.77	1.69	1.91	1.98	1.94	1.92	1.93	1.85
90	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.10	0.16	0.13	0.12	0.00	0.17	0.20	0.12	0.12	0.22	0.19
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.08	0.05	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	0.04	0.02	0.01	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	0.01	0.01	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-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	21.1	21.1	21.1	21.1	21.1													
5	21.0	21.0	21.0	21.0	21.0													
10	20.7	20.7	20.7	20.7	20.7													
15	20.4	20.3	20.3	20.3	20.3													
20	19.6	19.5	19.5	19.5	19.5													
25	18.9	18.9	18.9	18.8	18.8													
30	17.8	17.7	17.7	17.6	17.6													
35	16.8	16.8	16.8	16.7	16.7													
40	15.4	15.3	15.3	15.2	15.2													
45	14.2	14.2	14.2	14.2	14.1													
50	12.5	12.5	12.5	12.4	12.4													
55	11.3	11.3	11.3	11.2	11.2													
60	9.48	9.42	9.37	9.34	9.27													
65	8.22	8.16	8.09	8.04	7.98													
70	6.31	6.24	6.13	6.06	5.98													
75	5.00	4.92	4.81	4.70	4.60													
80	3.05	2.95	2.79	2.67	2.53													
85	1.75	1.65	1.48	1.34	1.18													
90	0.16	0.10	0.03	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 GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
Test Distance:6.950m [K=1.0000]
Remarks: