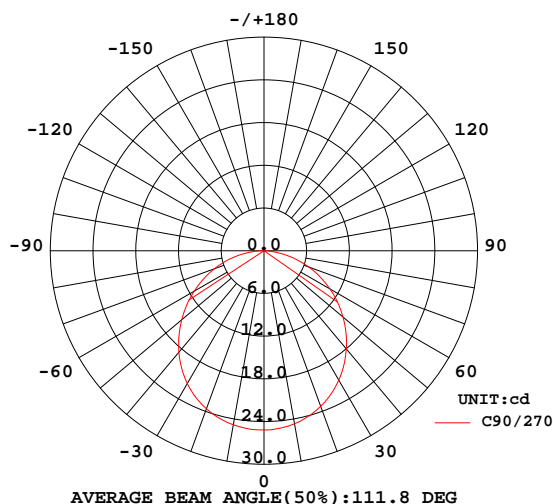


LUMINAIRE PHOTOMETRIC TEST REPORT

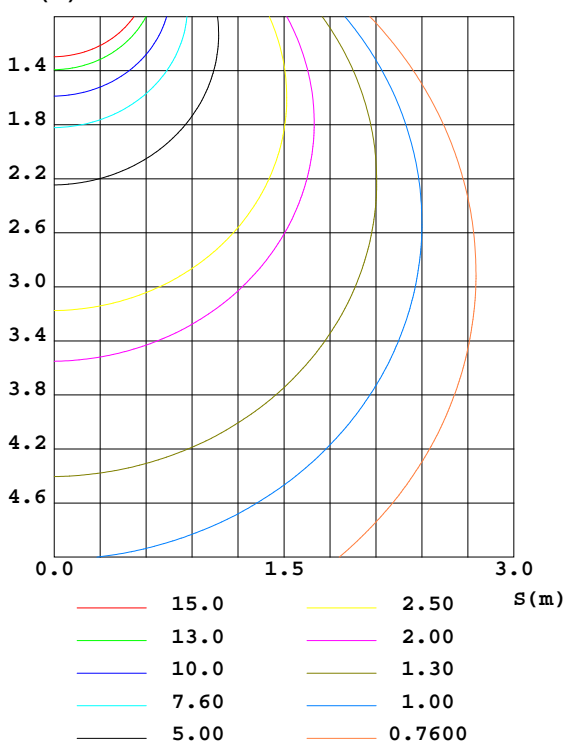
NAME: C-SFR-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 10.57 lm/W			
MODEL	5050	Imax(cd)	25.22	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6.89	LOR(%)	182.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	72.799	η UP,DN(C0-180)	0.0,92.0
NOMINAL FLUX(lm)	40	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,90.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	182.0	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:2018-08-23

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	24.62	24.70	24.83	24.92	24.88	24.85	24.67	24.59	0- 10	2.384	2.384	3.27,5.96
20	23.16	23.34	23.64	23.80	23.63	23.59	23.27	23.11	10- 20	6.830	9.214	12.7,23
30	20.87	21.13	21.55	21.81	21.53	21.46	21.02	20.81	20- 30	10.35	19.56	26.9,48.9
40	17.91	18.19	18.60	19.01	18.68	18.58	18.00	17.82	30- 40	12.44	32.00	44,80
50	14.47	14.70	15.10	15.58	15.30	15.14	14.51	14.34	40- 50	12.86	44.86	61.6,112
60	10.72	10.94	11.31	11.80	11.53	11.36	10.67	10.57	50- 60	11.66	56.52	77.6,141
70	6.829	7.070	7.443	7.877	7.603	7.470	6.722	6.714	60- 70	9.095	65.61	90.1,164
80	2.863	3.187	3.553	3.956	3.573	3.524	2.677	2.827	70- 80	5.564	71.18	97.8,178
90	0	0	0.1011	0.2692	0	0.0750	0	0.0102	80- 90	1.615	72.79	100,182
100	0	0	0	0	0	0	0	0	90-100	0.0061	72.80	100,182
110	0	0	0	0	0	0	0	0	100-110	0	72.80	100,182
120	0	0	0	0	0	0	0	0	110-120	0	72.80	100,182
130	0	0	0	0	0	0	0	0	120-130	0	72.80	100,182
140	0	0	0	0	0	0	0	0	130-140	0	72.80	100,182
150	0	0	0	0	0	0	0	0	140-150	0	72.80	100,182
160	0	0	0	0	0	0	0	0	150-160	0	72.80	100,182
170	0	0	0	0	0	0	0	0	160-170	0	72.80	100,182
180	0	0	0	0	0	0	0	0	170-180	0	72.80	100,182
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

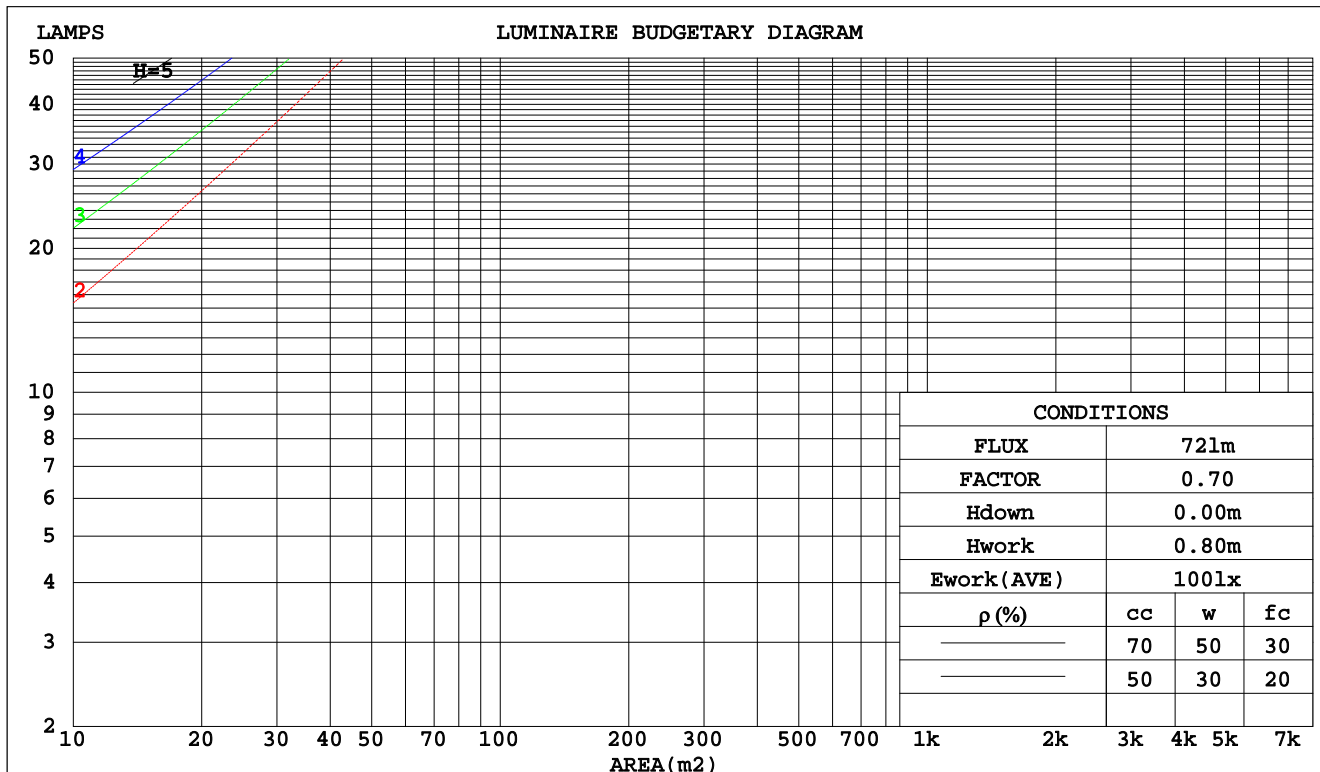
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	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	Coefficients of Utilization(CU)															
0.0	2.17	2.17	2.17	2.12	2.12	2.12	2.02	2.02	2.02	1.94	1.94	1.94	1.86	1.86	1.86	1.82
1.0	1.88	1.80	1.73	1.84	1.77	1.70	1.76	1.70	1.65	1.69	1.64	1.60	1.63	1.59	1.55	1.51
2.0	1.64	1.51	1.40	1.60	1.49	1.39	1.54	1.44	1.35	1.48	1.39	1.32	1.42	1.35	1.29	1.25
3.0	1.43	1.28	1.16	1.41	1.27	1.15	1.35	1.23	1.13	1.30	1.20	1.11	1.25	1.17	1.09	1.05
4.0	1.27	1.11	.98	1.25	1.09	.98	1.20	1.07	.96	1.16	1.04	.95	1.12	1.02	.94	.90
5.0	1.13	.97	.84	1.11	.96	.84	1.07	.94	.83	1.04	.92	.82	1.00	.90	.81	.77
6.0	1.02	.85	.74	1.00	.85	.73	.97	.83	.73	.94	.81	.72	.91	.80	.71	.68
7.0	.92	.76	.65	.91	.76	.65	.88	.74	.64	.85	.73	.64	.83	.72	.63	.60
8.0	.84	.69	.58	.83	.68	.58	.81	.67	.57	.78	.66	.57	.76	.65	.57	.53
9.0	.77	.62	.52	.76	.62	.52	.74	.61	.52	.72	.60	.51	.70	.59	.51	.48
10.0	.71	.57	.47	.70	.56	.47	.69	.56	.47	.67	.55	.47	.65	.54	.46	.43



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm 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	.577 .328 .104	.564 .321 .102	.539 .309 .099	.517 .298 .096	.497 .288 .093	
2.0	.539 .296 .091	.528 .291 .090	.507 .282 .088	.487 .273 .085	.469 .265 .084	
3.0	.497 .265 .079	.487 .261 .079	.468 .254 .077	.451 .247 .076	.435 .241 .074	
4.0	.458 .238 .070	.449 .235 .069	.432 .229 .068	.417 .224 .068	.402 .219 .067	
5.0	.423 .215 .062	.415 .213 .062	.400 .208 .061	.386 .204 .061	.373 .199 .060	
6.0	.391 .196 .056	.384 .194 .056	.371 .190 .055	.359 .186 .055	.347 .183 .054	
7.0	.364 .180 .051	.358 .178 .051	.346 .175 .050	.335 .172 .050	.324 .169 .050	
8.0	.340 .166 .047	.334 .164 .046	.323 .162 .046	.313 .159 .046	.304 .156 .045	
9.0	.318 .154 .043	.313 .153 .043	.304 .150 .043	.295 .148 .042	.286 .145 .042	
10.0	.299 .143 .040	.294 .142 .040	.286 .140 .039	.278 .138 .039	.270 .136 .039	

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	.347 .347 .347	.296 .296 .296	.202 .202 .202	.116 .116 .116	.037 .037 .037	
1.0	.329 .284 .244	.282 .244 .210	.193 .168 .145	.111 .097 .084	.036 .031 .027	
2.0	.315 .240 .177	.270 .207 .153	.185 .143 .107	.107 .083 .063	.034 .027 .020	
3.0	.301 .208 .134	.258 .180 .117	.177 .125 .082	.102 .073 .048	.033 .024 .016	
4.0	.287 .184 .106	.246 .159 .092	.169 .111 .065	.098 .065 .038	.031 .021 .013	
5.0	.273 .165 .085	.234 .143 .074	.162 .100 .052	.094 .059 .031	.030 .019 .010	
6.0	.260 .150 .071	.223 .130 .062	.154 .091 .044	.089 .053 .026	.029 .017 .009	
7.0	.247 .137 .060	.213 .119 .053	.147 .083 .037	.085 .049 .022	.028 .016 .007	
8.0	.235 .127 .052	.203 .110 .045	.140 .077 .032	.082 .046 .019	.026 .015 .006	
9.0	.224 .118 .046	.193 .102 .040	.134 .072 .028	.078 .042 .017	.025 .014 .006	
10.0	.214 .110 .041	.184 .095 .036	.128 .067 .025	.075 .040 .015	.024 .013 .005	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B						WEIGHT:0.325Kg/m					
DIM.: 16*17mm						SPEC.:		SERIAL No.:			
MFR.:						SUR.:16*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		13.9	15.4	14.2	15.6	15.8	14.1	15.6	14.3	15.8	16.0
3H		15.5	16.9	15.8	17.1	17.3	15.7	17.1	16.0	17.4	17.6
4H		16.1	17.4	16.4	17.7	18.0	16.4	17.8	16.8	18.0	18.3
6H		16.5	17.8	16.9	18.1	18.4	17.0	18.3	17.3	18.6	18.8
8H		16.7	17.9	17.0	18.2	18.5	17.2	18.4	17.5	18.7	19.0
12H		16.7	17.9	17.1	18.2	18.5	17.3	18.5	17.7	18.8	19.1
4H 2H		14.5	15.9	14.9	16.1	16.4	14.7	16.0	15.0	16.3	16.5
3H		16.3	17.5	16.6	17.8	18.1	16.5	17.7	16.9	18.0	18.3
4H		17.1	18.1	17.4	18.5	18.8	17.4	18.4	17.7	18.8	19.1
6H		17.6	18.6	18.0	19.0	19.3	18.1	19.0	18.5	19.4	19.7
8H		17.8	18.7	18.2	19.1	19.5	18.3	19.2	18.7	19.6	20.0
12H		17.9	18.7	18.3	19.1	19.5	18.5	19.3	18.9	19.7	20.1
8H 4H		17.4	18.3	17.8	18.6	19.0	17.6	18.5	18.1	18.9	19.3
6H		18.1	18.9	18.5	19.3	19.7	18.5	19.2	18.9	19.7	20.1
8H		18.4	19.0	18.8	19.5	19.9	18.9	19.5	19.3	19.9	20.4
12H		18.5	19.1	19.0	19.5	20.0	19.1	19.7	19.6	20.1	20.6
12H 4H		17.4	18.2	17.8	18.6	19.0	17.7	18.5	18.1	18.9	19.3
6H		18.2	18.8	18.6	19.3	19.7	18.6	19.2	19.0	19.7	20.1
8H		18.5	19.1	19.0	19.5	20.0	19.0	19.5	19.4	20.0	20.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 40.00 lm Total Lamp Luminous Flux.(8log(F/F0) = -11.2)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:

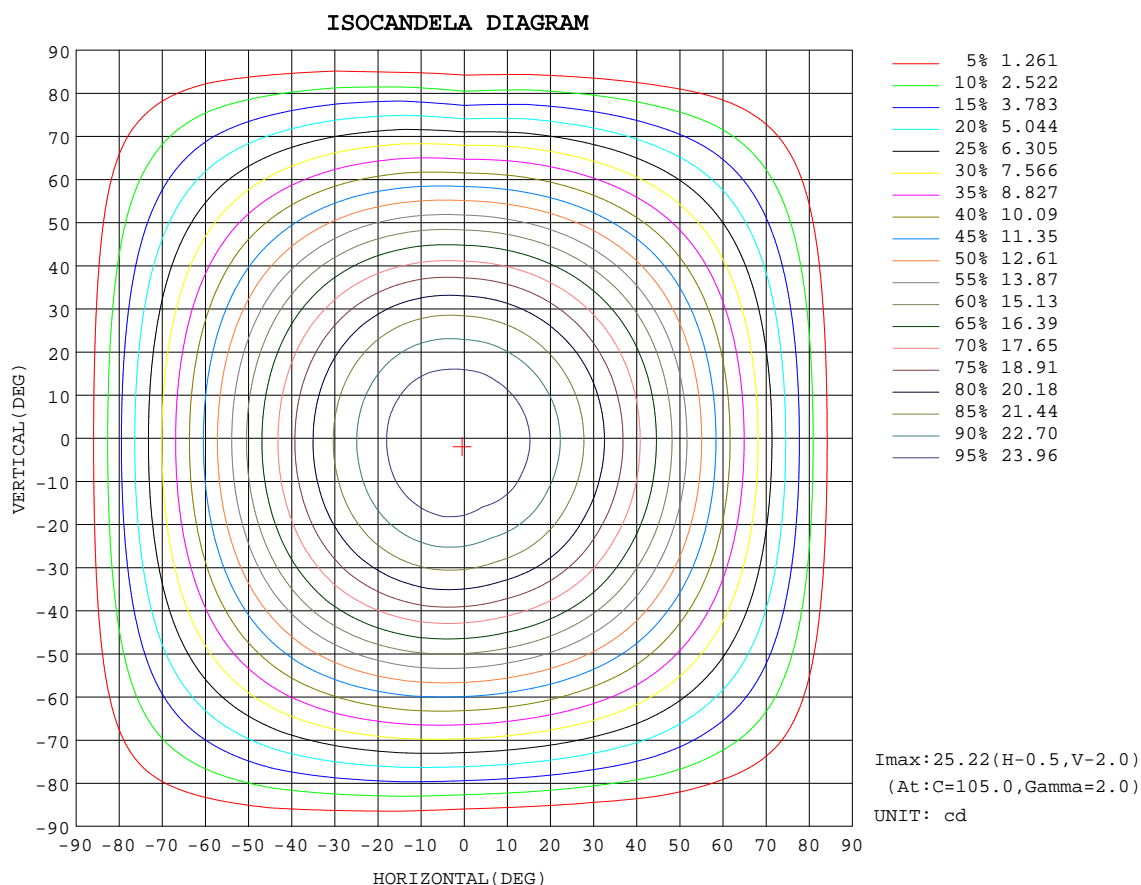
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	104	83	70	103	82	70	101	82	70	58
0.80	122	101	87	120	100	87	117	99	86	74
1.00	137	117	104	135	116	103	131	119	102	89
1.25	150	131	118	148	130	117	143	127	116	102
1.50	159	141	128	156	140	127	151	136	125	112
2.00	172	156	144	169	154	143	162	150	140	126
2.50	179	165	154	175	162	152	168	157	149	133
3.00	185	173	162	181	170	160	174	164	156	141
4.00	193	182	174	188	179	171	181	173	166	150
5.00	197	188	181	193	185	178	185	178	172	156
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHR <sub>NOM</sub> = 1.25										

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:16*1000mm	

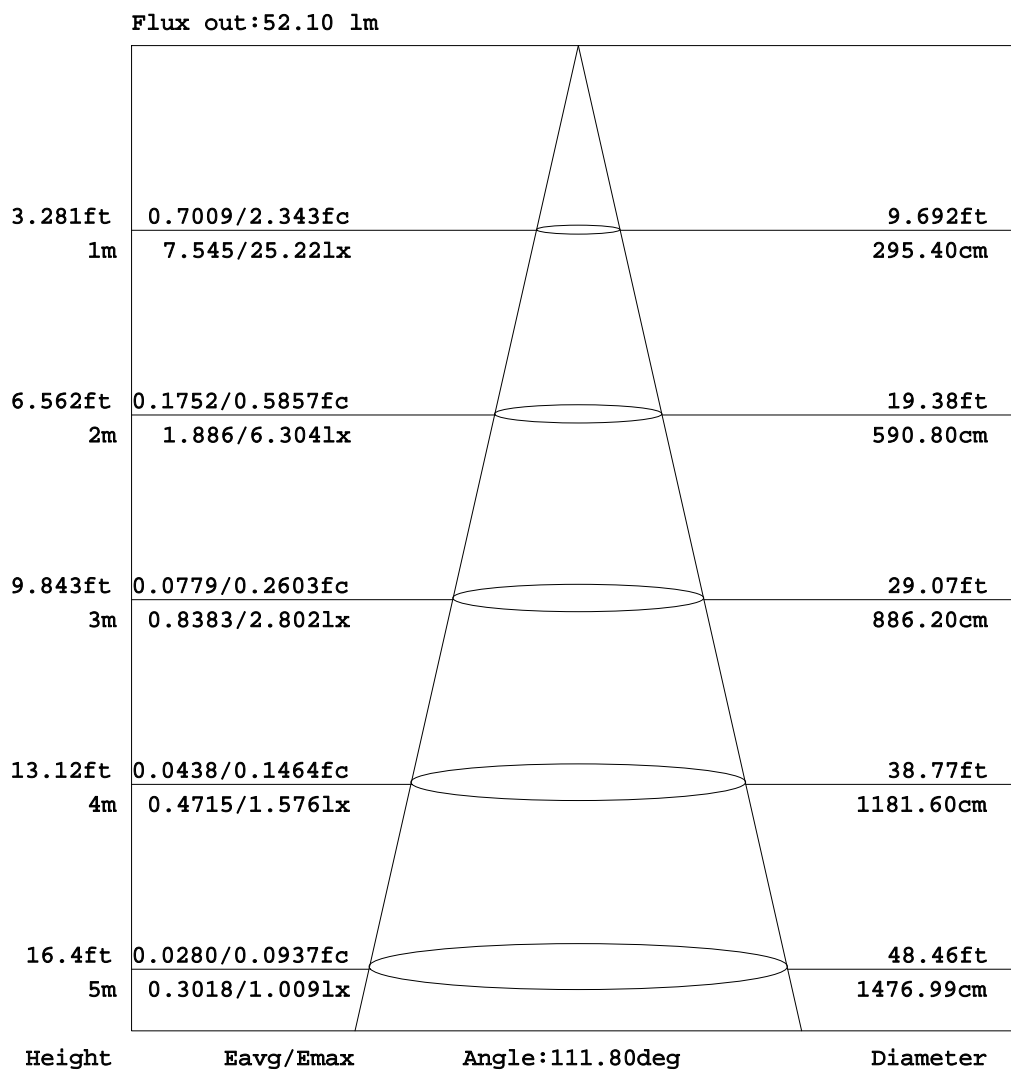


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



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

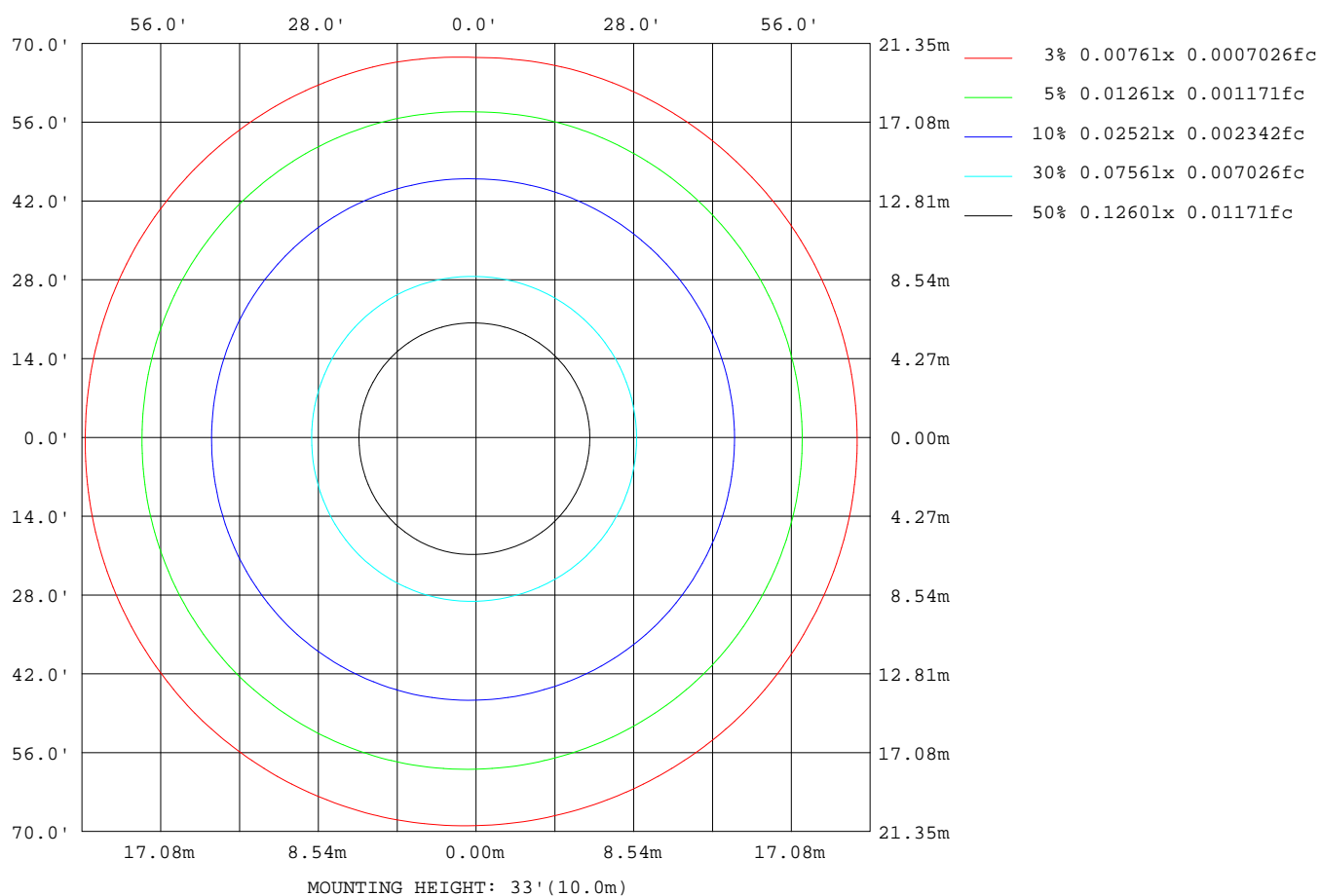
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	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	40	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.016	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	1376	1379	1381	1385	1394	1403	1409	1415	1426	1442	1459	1474	1485	1492	1494	1489	1480	1472	1466
60	1340	1345	1348	1352	1362	1370	1376	1385	1397	1414	1435	1452	1464	1473	1474	1468	1459	1449	1441
65	1299	1306	1309	1313	1327	1337	1343	1353	1368	1387	1411	1431	1444	1454	1455	1448	1439	1427	1416
70	1248	1256	1260	1265	1283	1297	1305	1319	1338	1360	1390	1413	1428	1437	1438	1429	1417	1403	1389
75	1173	1186	1193	1199	1224	1243	1253	1275	1299	1326	1365	1395	1412	1426	1425	1410	1394	1373	1352
80	1031	1060	1073	1082	1125	1156	1170	1202	1238	1279	1336	1378	1398	1420	1415	1387	1363	1327	1286
85	664	732	765	786	870	927	953	1019	1091	1168	1284	1362	1394	1433	1421	1358	1309	1236	1157

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	1494	200	---	500
Category 2	65 to 90	1455	200	---	500
Category 3	75 to 90	1433	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:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*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	25.2	25.2	25.2	25.2	25.2	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.1	25.2
5	25.1	25.1	25.1	25.1	25.1	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.1	25.0	25.1
10	24.6	24.6	24.6	24.7	24.7	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.8	24.7	24.7
15	24.1	24.2	24.2	24.3	24.3	24.3	24.4	24.5	24.6	24.6	24.5	24.5	24.5	24.5	24.5	24.4	24.4	24.3	24.2
20	23.2	23.2	23.2	23.3	23.4	23.4	23.6	23.8	23.8	23.8	23.7	23.7	23.6	23.6	23.6	23.6	23.5	23.4	23.3
25	22.3	22.4	22.4	22.6	22.6	22.7	22.9	23.1	23.1	23.1	23.0	22.9	22.9	22.9	22.9	22.8	22.8	22.6	22.5
30	20.9	20.9	21.0	21.1	21.3	21.3	21.6	21.7	21.8	21.8	21.7	21.6	21.5	21.5	21.5	21.5	21.4	21.2	21.0
35	19.8	19.8	19.9	20.0	20.2	20.2	20.5	20.7	20.8	20.8	20.7	20.6	20.5	20.4	20.4	20.4	20.3	20.1	19.9
40	17.9	18.0	18.0	18.2	18.3	18.4	18.6	18.8	19.0	19.0	18.9	18.8	18.7	18.7	18.6	18.6	18.4	18.3	18.0
45	16.6	16.6	16.7	16.9	16.9	17.0	17.3	17.5	17.6	17.7	17.6	17.5	17.4	17.4	17.3	17.3	17.1	16.9	16.7
50	14.5	14.5	14.6	14.7	14.8	14.9	15.1	15.4	15.5	15.6	15.5	15.4	15.3	15.3	15.2	15.1	15.0	14.8	14.5
55	13.0	13.0	13.1	13.2	13.3	13.4	13.6	13.8	14.0	14.1	14.0	13.9	13.8	13.8	13.8	13.7	13.5	13.3	13.0
60	10.7	10.8	10.8	10.9	11.0	11.1	11.3	11.6	11.7	11.8	11.7	11.6	11.5	11.5	11.5	11.4	11.2	11.0	10.7
65	9.18	9.24	9.27	9.40	9.47	9.58	9.77	10.0	10.2	10.2	10.2	10.1	9.97	9.95	9.92	9.81	9.67	9.46	9.09
70	6.83	6.89	6.92	7.07	7.14	7.27	7.44	7.68	7.81	7.88	7.82	7.72	7.60	7.58	7.55	7.47	7.35	7.14	6.72
75	5.25	5.33	5.36	5.51	5.58	5.72	5.88	6.12	6.24	6.31	6.23	6.13	5.99	5.97	5.98	5.88	5.79	5.58	5.06
80	2.86	2.97	3.01	3.19	3.25	3.39	3.55	3.78	3.88	3.96	3.85	3.75	3.57	3.55	3.61	3.52	3.44	3.23	2.68
85	1.31	1.44	1.49	1.65	1.71	1.86	2.01	2.25	2.33	2.40	2.29	2.17	2.00	2.00	2.06	1.99	1.92	1.71	1.32
90	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.21	0.27	0.27	0.16	0.05	0.00	0.00	0.04	0.07	0.04	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:2018-08-23

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-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	25.2	25.2	25.2	25.2	25.2														
5	25.1	25.1	25.1	25.1	25.1														
10	24.6	24.6	24.6	24.6	24.6														
15	24.2	24.1	24.1	24.1	24.1														
20	23.2	23.2	23.1	23.1	23.1														
25	22.4	22.3	22.3	22.3	22.3														
30	20.9	20.9	20.8	20.8	20.8														
35	19.8	19.7	19.7	19.7	19.7														
40	17.9	17.9	17.8	17.8	17.9														
45	16.6	16.5	16.5	16.5	16.5														
50	14.4	14.4	14.3	14.4	14.4														
55	12.9	12.9	12.9	12.9	13.0														
60	10.6	10.6	10.6	10.6	10.7														
65	9.12	9.06	9.03	9.09	9.13														
70	6.82	6.75	6.71	6.76	6.79														
75	5.26	5.20	5.16	5.19	5.21														
80	2.94	2.89	2.83	2.86	2.84														
85	1.44	1.39	1.33	1.34	1.33														
90	0.03	0.03	0.01	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:2018-08-23

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]  
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