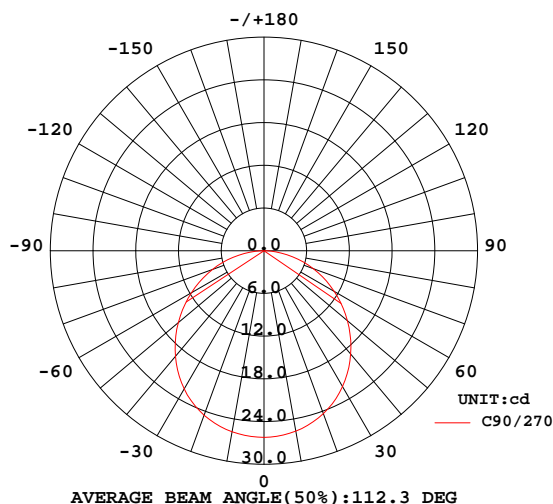


LUMINAIRE PHOTOMETRIC TEST REPORT

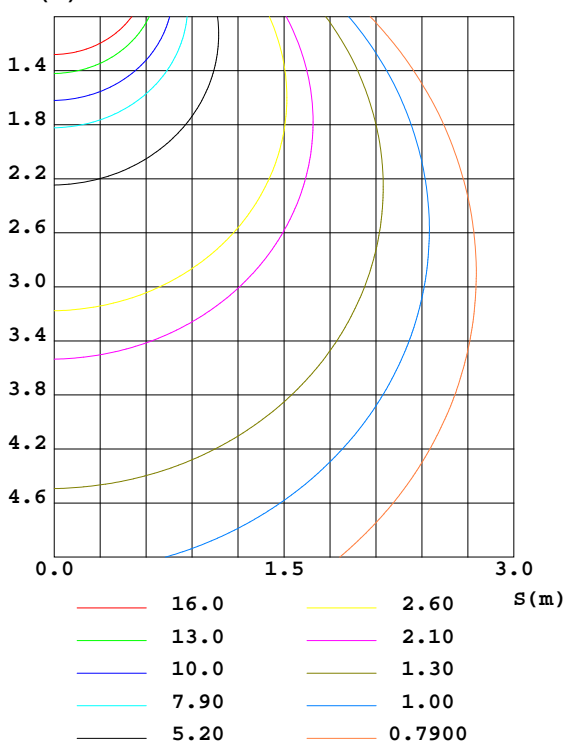
NAME: C-SFR-F22S-VB-D24CC-RGBW(4000K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 10.97 lm/W
MODEL	5050	Imax(cd)	26.23	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	6.92	LOR(%)	189.8	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	75.938	η UP,DN(C0-180)	0.0,95.7	
NOMINAL FLUX(lm)	40	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,94.1	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	189.8	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:2018-08-21

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	$\Phi$ lum, lamp
10	25.59	25.67	25.82	25.93	25.85	25.84	25.72	25.57	0- 10	2.480	2.480	3.27,6.2
20	24.06	24.24	24.59	24.75	24.54	24.57	24.35	24.04	10- 20	7.108	9.588	12.6,24
30	21.68	21.95	22.42	22.70	22.34	22.38	22.05	21.65	20- 30	10.77	20.36	26.8,50.9
40	18.62	18.92	19.35	19.80	19.38	19.41	18.94	18.52	30- 40	12.96	33.33	43.9,83.3
50	15.04	15.30	15.70	16.24	15.88	15.87	15.30	14.90	40- 50	13.41	46.74	61.6,117
60	11.17	11.39	11.75	12.32	11.98	11.94	11.37	10.98	50- 60	12.17	58.91	77.6,147
70	7.115	7.343	7.717	8.256	7.900	7.896	7.389	6.939	60- 70	9.515	68.42	90.1,171
80	2.964	3.270	3.624	4.152	3.701	3.751	3.303	2.865	70- 80	5.835	74.26	97.8,186
90	0	0	0.0404	0.1906	0	0.1462	0.0784	0.0130	80- 90	1.672	75.93	100,190
100	0	0	0	0	0	0	0	0	90-100	0.0090	75.94	100,190
110	0	0	0	0	0	0	0	0	100-110	0.0000	75.94	100,190
120	0	0	0	0	0	0	0	0	110-120	0	75.94	100,190
130	0	0	0	0	0	0	0	0	120-130	0	75.94	100,190
140	0	0	0	0	0	0	0	0	130-140	0	75.94	100,190
150	0	0	0	0	0	0	0	0	140-150	0	75.94	100,190
160	0	0	0	0	0	0	0	0	150-160	0	75.94	100,190
170	0	0	0	0	0	0	0	0	160-170	0	75.94	100,190
180	0	0	0	0	0	0	0	0	170-180	0	75.94	100,190
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

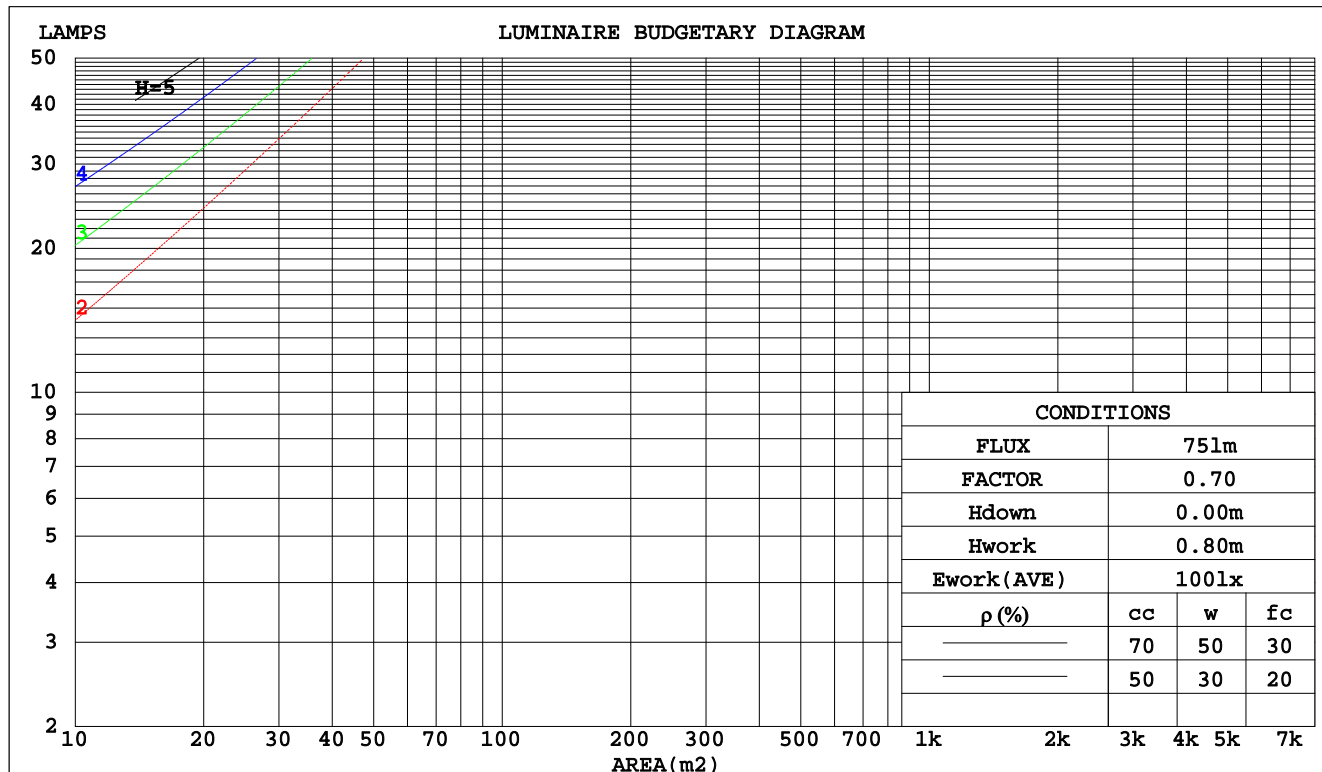
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-21

$\gamma$  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(4000K)-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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	2.26	2.26	2.26	2.21	2.21	2.21	2.11	2.11	2.11	2.02	2.02	2.02	1.94	1.94	1.94	1.90
1.0	1.96	1.88	1.81	1.92	1.85	1.78	1.84	1.78	1.72	1.77	1.71	1.67	1.70	1.66	1.62	1.58
2.0	1.71	1.57	1.46	1.67	1.55	1.45	1.60	1.50	1.41	1.54	1.45	1.38	1.48	1.41	1.35	1.31
3.0	1.50	1.34	1.21	1.47	1.32	1.20	1.41	1.28	1.18	1.36	1.25	1.16	1.31	1.22	1.14	1.10
4.0	1.32	1.15	1.02	1.30	1.14	1.02	1.25	1.11	1.00	1.21	1.09	.99	1.16	1.06	.97	.93
5.0	1.18	1.01	.88	1.16	.90	.88	1.12	.98	.87	1.08	.95	.86	1.05	.94	.85	.81
6.0	1.06	.89	.77	1.04	.88	.76	1.01	.86	.76	.98	.85	.75	.95	.83	.74	.70
7.0	.96	.79	.68	.95	.79	.67	.92	.77	.67	.89	.76	.66	.86	.75	.66	.62
8.0	.88	.72	.60	.87	.71	.60	.84	.70	.60	.82	.69	.59	.79	.68	.59	.55
9.0	.81	.65	.54	.79	.64	.54	.77	.63	.54	.75	.63	.53	.73	.62	.53	.50
10.0	.74	.59	.49	.73	.59	.49	.71	.58	.49	.70	.57	.49	.68	.57	.48	.45



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-21

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(4000K)-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	.602 .342 .108	.588 .336 .107	.563 .323 .103	.540 .311 .100	.518 .300 .097	
2.0	.563 .309 .095	.551 .304 .094	.529 .294 .091	.508 .285 .089	.489 .277 .087	
3.0	.519 .276 .083	.509 .272 .082	.489 .265 .081	.471 .258 .079	.454 .251 .078	
4.0	.478 .248 .073	.469 .245 .072	.451 .239 .071	.435 .234 .070	.420 .228 .069	
5.0	.441 .225 .065	.433 .222 .065	.417 .217 .064	.403 .213 .063	.389 .208 .063	
6.0	.408 .205 .059	.401 .203 .058	.387 .199 .058	.374 .195 .057	.362 .191 .057	
7.0	.380 .188 .053	.373 .186 .053	.361 .182 .053	.349 .179 .052	.338 .176 .052	
8.0	.354 .173 .049	.349 .172 .049	.338 .169 .048	.327 .166 .048	.317 .163 .047	
9.0	.332 .161 .045	.327 .159 .045	.317 .157 .044	.307 .154 .044	.299 .152 .044	
10.0	.312 .150 .042	.307 .148 .041	.298 .146 .041	.290 .144 .041	.282 .142 .041	

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	.362 .362 .362	.309 .309 .309	.211 .211 .211	.121 .121 .121	.039 .039 .039	
1.0	.343 .296 .254	.294 .254 .219	.201 .175 .151	.116 .101 .088	.037 .033 .028	
2.0	.328 .251 .185	.281 .216 .160	.193 .149 .112	.111 .087 .065	.036 .028 .021	
3.0	.314 .217 .140	.269 .187 .122	.185 .130 .085	.107 .076 .050	.034 .025 .016	
4.0	.299 .192 .110	.257 .166 .096	.177 .116 .067	.102 .068 .040	.033 .022 .013	
5.0	.285 .172 .089	.245 .149 .078	.169 .104 .055	.098 .061 .032	.031 .020 .011	
6.0	.271 .156 .074	.233 .135 .064	.161 .095 .046	.093 .056 .027	.030 .018 .009	
7.0	.258 .143 .063	.222 .124 .055	.153 .087 .039	.089 .051 .023	.029 .017 .008	
8.0	.246 .132 .054	.212 .115 .047	.146 .081 .034	.085 .048 .020	.028 .016 .007	
9.0	.234 .123 .048	.202 .107 .042	.140 .075 .030	.081 .044 .018	.026 .015 .006	
10.0	.223 .115 .043	.192 .100 .037	.134 .070 .026	.078 .041 .016	.025 .014 .005	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-21

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(4000K)-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		14.0	15.6	14.3	15.8	16.0	14.2	15.7	14.5	15.9	16.2
3H		15.6	17.0	15.9	17.2	17.5	15.9	17.3	16.2	17.5	17.8
4H		16.2	17.6	16.5	17.8	18.1	16.6	17.9	16.9	18.2	18.4
6H		16.7	18.0	17.0	18.2	18.5	17.1	18.4	17.5	18.7	18.9
8H		16.8	18.0	17.1	18.3	18.6	17.3	18.5	17.7	18.8	19.1
12H		16.8	18.0	17.2	18.3	18.6	17.4	18.6	17.8	18.9	19.2
4H 2H		14.7	16.0	15.0	16.3	16.5	14.8	16.2	15.1	16.4	16.7
3H		16.4	17.6	16.8	17.9	18.2	16.7	17.8	17.0	18.1	18.4
4H		17.2	18.3	17.6	18.6	18.9	17.5	18.6	17.9	18.9	19.2
6H		17.8	18.7	18.2	19.1	19.5	18.2	19.2	18.6	19.5	19.9
8H		17.9	18.8	18.4	19.2	19.6	18.4	19.3	18.9	19.7	20.1
12H		18.0	18.8	18.4	19.2	19.6	18.6	19.4	19.0	19.8	20.2
8H 4H		17.5	18.4	17.9	18.8	19.2	17.8	18.7	18.2	19.0	19.4
6H		18.2	19.0	18.7	19.4	19.8	18.6	19.4	19.1	19.8	20.2
8H		18.5	19.2	18.9	19.6	20.0	19.0	19.6	19.4	20.1	20.5
12H		18.6	19.2	19.1	19.6	20.1	19.2	19.8	19.7	20.2	20.7
12H 4H		17.5	18.4	18.0	18.8	19.2	17.8	18.6	18.2	19.0	19.4
6H		18.3	19.0	18.8	19.4	19.9	18.7	19.3	19.1	19.8	20.2
8H		18.6	19.2	19.1	19.6	20.1	19.1	19.6	19.5	20.1	20.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 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:2018-08-21

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(4000K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:

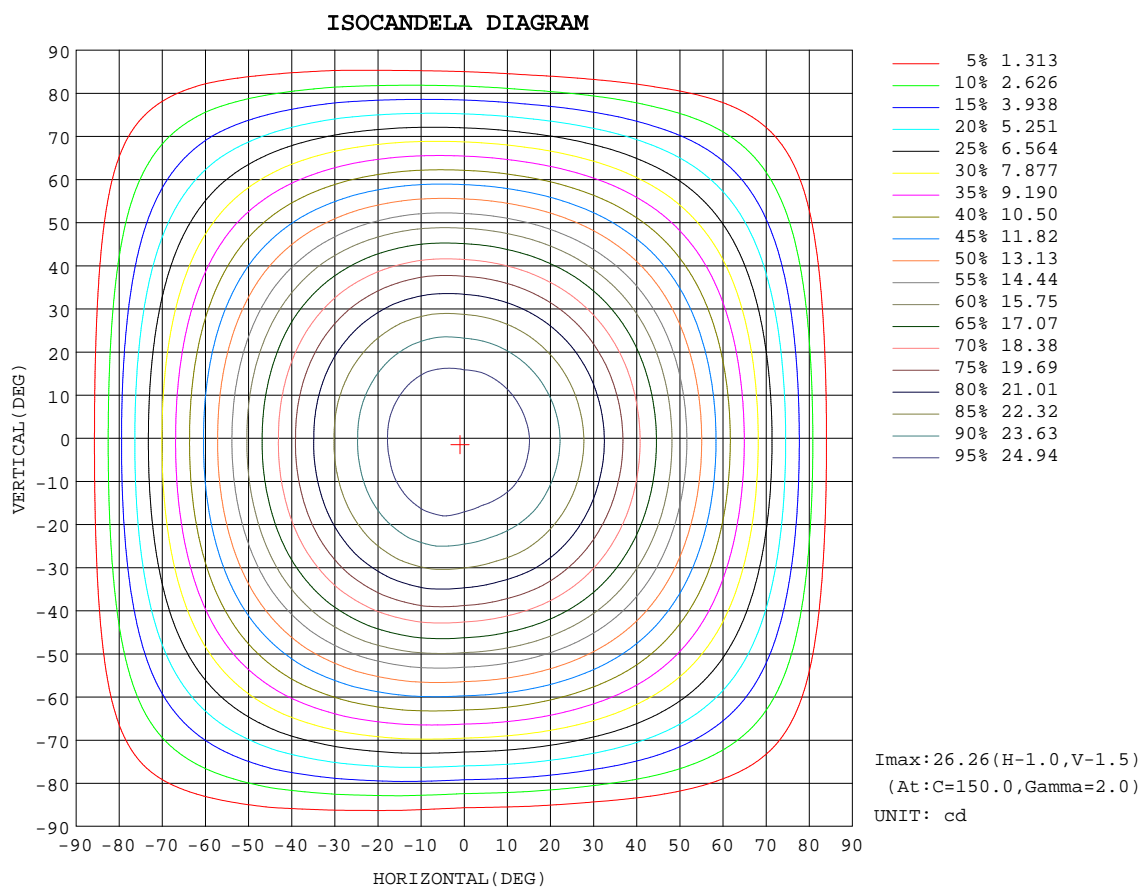
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	109	86	73	107	86	73	105	85	73	60
0.80	127	105	91	125	104	91	122	103	90	77
1.00	143	122	108	141	121	107	137	124	106	93
1.25	157	137	123	154	135	122	149	132	120	106
1.50	166	147	134	163	145	133	157	142	131	116
2.00	179	163	150	176	161	149	169	156	146	131
2.50	187	172	160	183	169	158	176	164	155	139
3.00	193	180	169	189	177	167	181	171	163	147
4.00	201	190	181	197	187	178	188	180	173	156
5.00	206	196	189	201	193	185	192	186	180	162
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:2018-08-21

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(4000K)-84-5050-1M-B	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:16*1000mm	

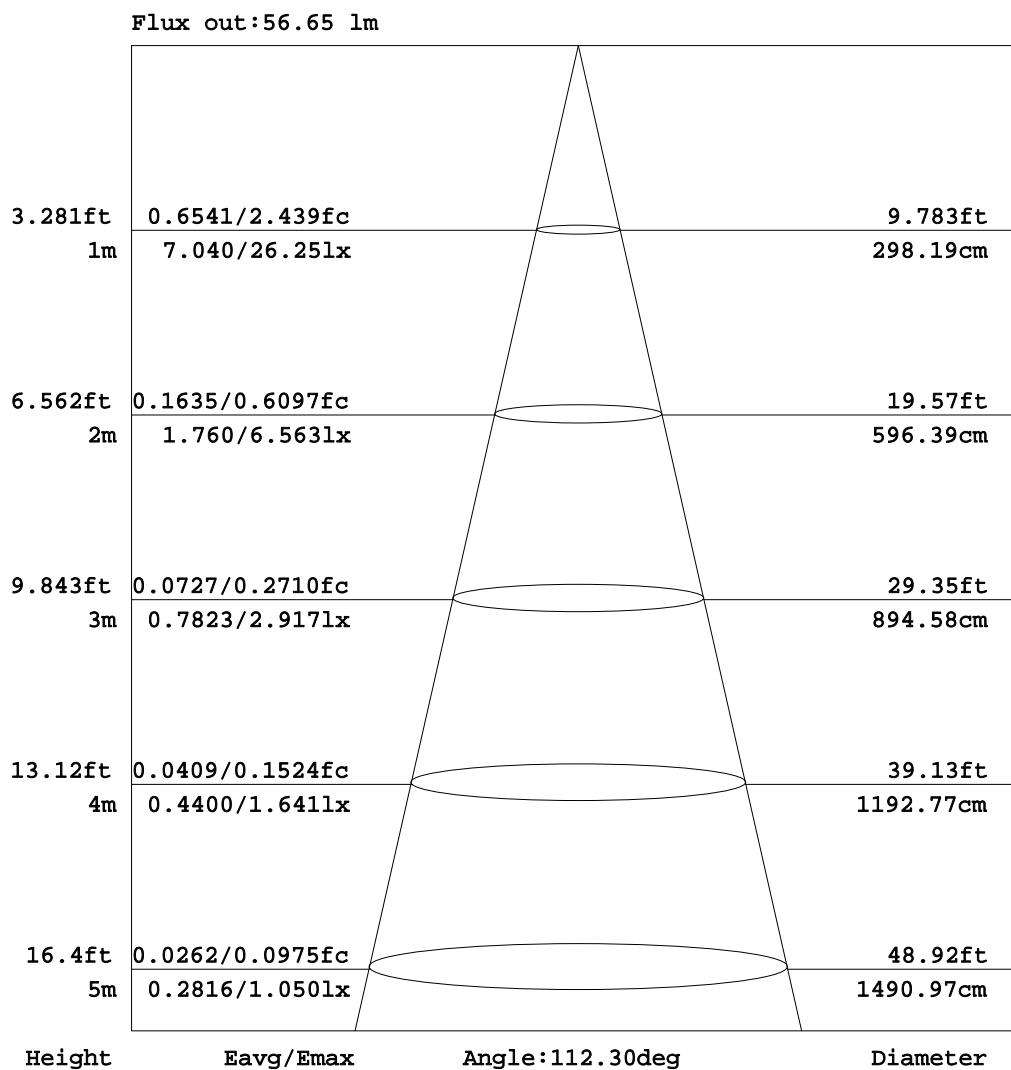


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-21

$\gamma$  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(4000K)-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.

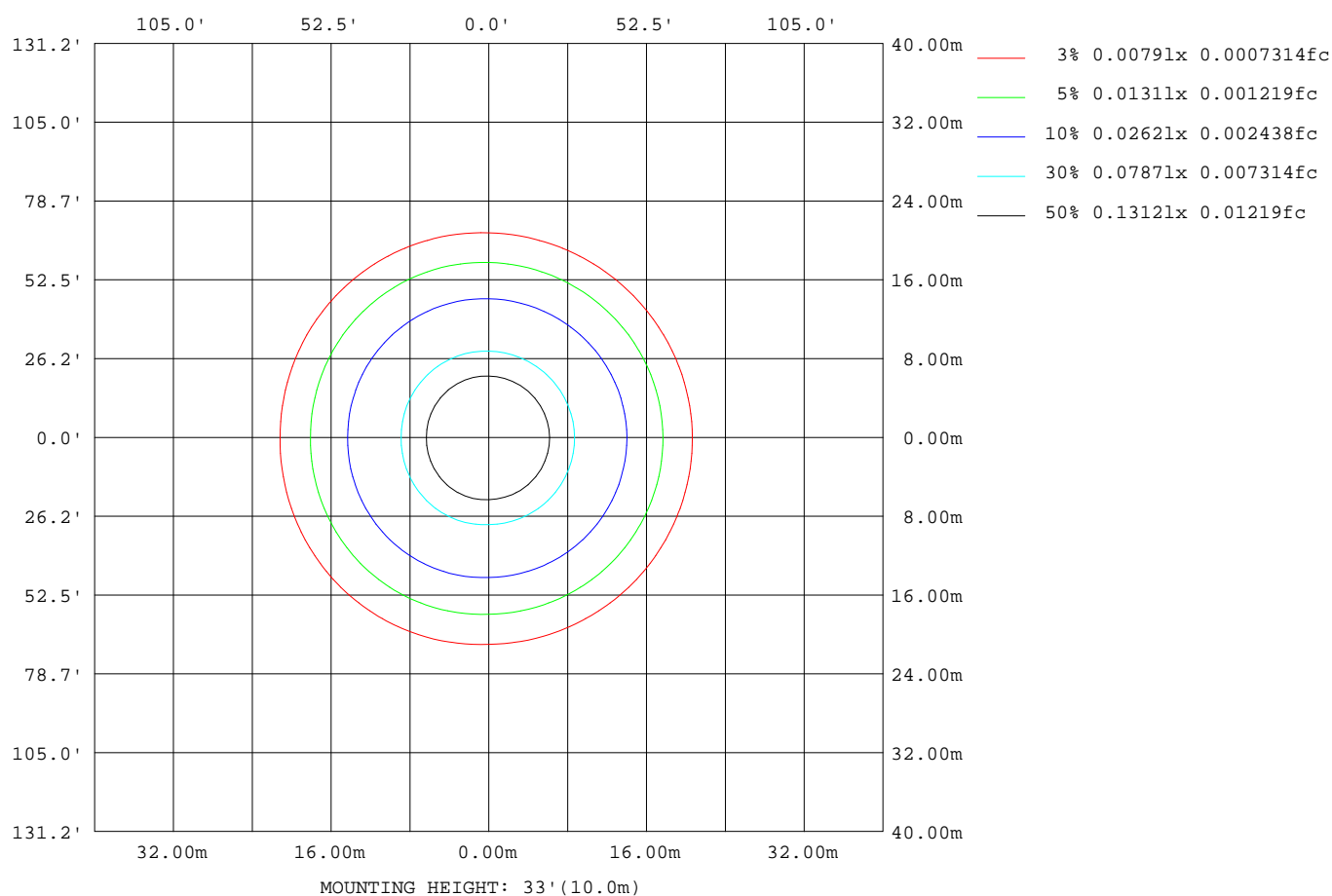
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-21

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(4000K)-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:2018-08-21

$\gamma$  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(4000K)-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	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	1431	1433	1437	1444	1452	1461	1470	1480	1489	1498	1519	1539	1553	1559	1558	1552	1541	1530	1522
60	1396	1398	1402	1409	1418	1429	1439	1451	1459	1468	1493	1516	1532	1539	1539	1532	1521	1508	1497
65	1353	1358	1364	1372	1383	1393	1404	1419	1431	1441	1469	1496	1514	1523	1522	1514	1502	1486	1473
70	1300	1307	1315	1324	1335	1349	1366	1384	1398	1410	1445	1477	1498	1508	1507	1496	1480	1460	1444
75	1218	1231	1243	1255	1273	1291	1310	1336	1354	1371	1419	1461	1485	1499	1494	1475	1455	1429	1405
80	1067	1091	1111	1131	1161	1188	1212	1256	1284	1304	1374	1435	1471	1492	1484	1450	1418	1375	1332
85	636	707	757	797	866	921	965	1045	1097	1137	1275	1392	1453	1489	1466	1393	1328	1237	1147

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	1559	200	---	500
Category 2	65 to 90	1523	200	---	500
Category 3	75 to 90	1499	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:2018-08-21

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(4000K)-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	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
5	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.1
10	25.6	25.6	25.6	25.7	25.7	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.8	25.9	25.8	25.8	25.9	25.8	25.7
15	25.1	25.1	25.1	25.2	25.2	25.3	25.4	25.5	25.6	25.6	25.5	25.5	25.4	25.5	25.4	25.5	25.5	25.4	25.3
20	24.1	24.1	24.1	24.2	24.3	24.4	24.6	24.7	24.8	24.8	24.7	24.6	24.5	24.6	24.6	24.6	24.6	24.5	24.3
25	23.2	23.2	23.3	23.4	23.6	23.7	23.8	24.0	24.1	24.0	24.0	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.5
30	21.7	21.7	21.8	22.0	22.2	22.3	22.4	22.6	22.7	22.7	22.6	22.4	22.3	22.4	22.4	22.4	22.4	22.3	22.0
35	20.5	20.6	20.7	20.8	21.0	21.1	21.3	21.5	21.6	21.6	21.5	21.4	21.2	21.3	21.3	21.3	21.3	21.2	20.9
40	18.6	18.7	18.8	18.9	19.1	19.2	19.4	19.6	19.8	19.8	19.7	19.5	19.4	19.4	19.4	19.4	19.4	19.2	18.9
45	17.2	17.3	17.4	17.5	17.7	17.8	17.9	18.2	18.4	18.4	18.3	18.2	18.0	18.1	18.1	18.0	18.0	17.8	17.5
50	15.0	15.1	15.2	15.3	15.4	15.6	15.7	16.0	16.2	16.2	16.2	16.0	15.9	15.9	15.9	15.9	15.8	15.6	15.3
55	13.5	13.6	13.6	13.8	13.9	14.0	14.1	14.4	14.6	14.7	14.6	14.5	14.4	14.4	14.4	14.3	14.2	14.1	13.8
60	11.2	11.2	11.3	11.4	11.5	11.6	11.7	12.0	12.3	12.3	12.3	12.1	12.0	12.0	12.0	11.9	11.8	11.7	11.4
65	9.55	9.60	9.68	9.79	9.89	10.0	10.1	10.4	10.6	10.7	10.6	10.5	10.4	10.4	10.4	10.3	10.2	10.1	9.79
70	7.11	7.17	7.24	7.34	7.47	7.62	7.72	8.01	8.20	8.26	8.19	8.05	7.90	7.93	7.95	7.90	7.79	7.63	7.39
75	5.46	5.53	5.60	5.72	5.83	5.99	6.09	6.38	6.56	6.62	6.52	6.39	6.23	6.27	6.30	6.24	6.16	5.99	5.76
80	2.96	3.06	3.14	3.27	3.37	3.55	3.62	3.92	4.09	4.15	4.03	3.89	3.70	3.74	3.81	3.75	3.70	3.51	3.30
85	1.30	1.42	1.51	1.65	1.75	1.91	1.99	2.29	2.44	2.49	2.36	2.21	2.00	2.07	2.13	2.10	2.05	1.87	1.69
90	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.15	0.18	0.19	0.12	0.00	0.00	0.00	0.08	0.15	0.16	0.14	0.08
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	0.01	0.02	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:2018-08-21

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(4000K)-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(DEC)	285	300	315	330	345														
γ (DEC)																			
0	26.2	26.2	26.2	26.2	26.2														
5	26.1	26.1	26.1	26.1	26.1														
10	25.6	25.6	25.6	25.6	25.6														
15	25.2	25.1	25.1	25.1	25.1														
20	24.2	24.1	24.0	24.0	24.0														
25	23.4	23.2	23.2	23.2	23.2														
30	21.8	21.7	21.6	21.6	21.6														
35	20.6	20.5	20.5	20.5	20.5														
40	18.7	18.6	18.5	18.5	18.6														
45	17.3	17.2	17.1	17.1	17.2														
50	15.1	14.9	14.9	14.9	15.0														
55	13.5	13.4	13.4	13.4	13.5														
60	11.1	11.0	11.0	11.0	11.1														
65	9.55	9.43	9.38	9.42	9.49														
70	7.13	7.01	6.94	6.99	7.03														
75	5.52	5.39	5.33	5.34	5.40														
80	3.06	2.95	2.87	2.89	2.89														
85	1.46	1.34	1.27	1.29	1.29														
90	0.05	0.06	0.01	0.00	0.00														
95	0.01	0.03	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:2018-08-21

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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