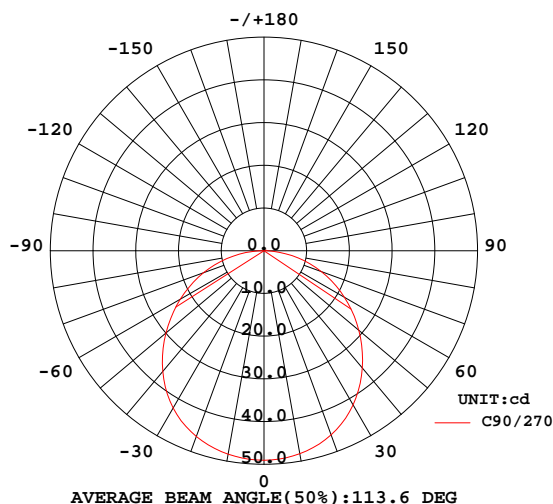


LUMINAIRE PHOTOMETRIC TEST REPORT

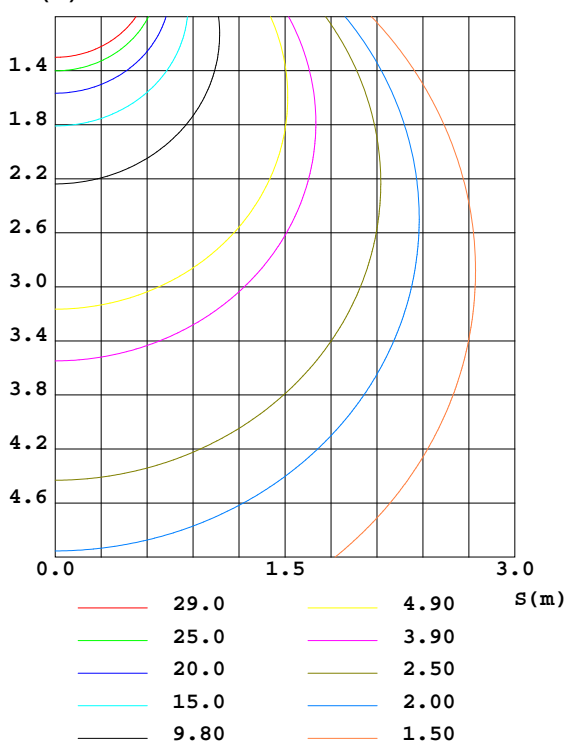
NAME: C-SFR-F22S-VB-D24CC-RGBW(4000K)-84-5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.05 lm/W			
MODEL	5050	Imax(cd)	49.03	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6.88	LOR(%)	160.9	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	144.83	η UP,DN(C0-180)	0.3,80.8
NOMINAL FLUX(lm)	90	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,79.2
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	160.0	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:2018-08-21

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	48.04	48.13	48.35	48.34	48.14	48.26	48.24	48.06	0- 10	4.640	4.640	3.2,5.16
20	45.23	45.68	46.30	46.09	45.49	45.80	45.88	45.41	10- 20	13.32	17.96	12.4,20
30	40.79	41.62	42.52	42.28	41.29	41.74	41.70	41.05	20- 30	20.23	38.19	26.4,42.4
40	35.04	36.00	36.88	36.95	35.77	36.22	35.81	35.21	30- 40	24.39	62.57	43.2,69.5
50	28.37	29.19	29.95	30.39	29.36	29.65	28.96	28.38	40- 50	25.27	87.84	60.7,97.6
60	21.17	21.87	22.58	23.23	22.31	22.48	21.70	21.03	50- 60	23.01	110.8	76.5,123
70	13.64	14.30	15.07	15.77	14.92	15.05	14.28	13.51	60- 70	18.17	129.0	89.1,143
80	5.854	6.614	7.370	8.137	7.198	7.386	6.670	5.812	70- 80	11.35	140.4	96.9,156
90	0.0013	0.4446	0.7088	0.8639	0.2257	0.8346	0.8135	0.6482	80- 90	3.608	144.0	99.4,160
100	0	0.2345	0.2679	0.2078	0.0746	0.3921	0.6051	0.5118	90-100	0.4010	144.4	99.7,160
110	0	0.1305	0.1688	0.1492	0.0666	0.3200	0.4846	0.3599	100-110	0.2566	144.6	99.9,161
120	0	0.0080	0.0644	0.0319	0.0400	0.1547	0.3292	0.1734	110-120	0.1422	144.8	100,161
130	0	0	0	0	0.0133	0.0001	0.1550	0.0000	120-130	0.0481	144.8	100,161
140	0	0	0	0	0	0	0	0	130-140	0.0051	144.8	100,161
150	0	0	0	0	0	0	0	0	140-150	0.0000	144.8	100,161
160	0	0	0	0	0	0	0	0	150-160	0	144.8	100,161
170	0	0	0	0	0	0	0	0	160-170	0	144.8	100,161
180	0	0	0	0	0	0	0	0	170-180	0	144.8	100,161
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

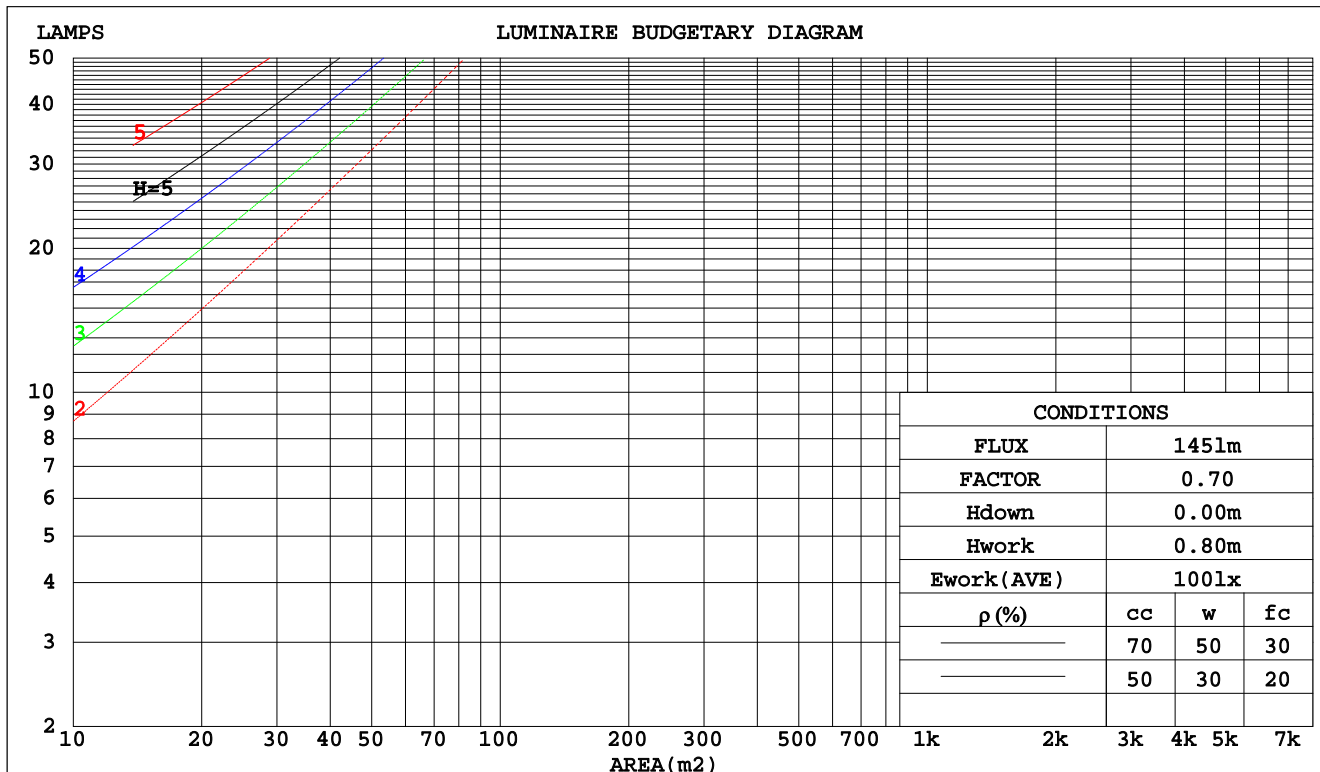
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-21

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-F22S-VB-D24CC-RGBW(4000K)-84-5050-1M-R	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	1.91	1.91	1.91	1.87	1.87	1.87	1.78	1.78	1.78	1.70	1.70	1.70	1.63	1.63	1.63	1.60
1.0	1.66	1.59	1.52	1.62	1.56	1.50	1.55	1.50	1.45	1.49	1.44	1.40	1.43	1.39	1.36	1.32
2.0	1.44	1.33	1.23	1.41	1.31	1.22	1.35	1.26	1.19	1.30	1.22	1.16	1.25	1.18	1.13	1.09
3.0	1.26	1.13	1.02	1.24	1.11	1.01	1.19	1.08	.99	1.14	1.05	.97	1.10	1.02	.95	.92
4.0	1.12	.97	.86	1.09	.96	.85	1.05	.93	.84	1.01	.91	.83	.98	.89	.82	.78
5.0	.90	.85	.74	.98	.84	.73	.94	.82	.73	.91	.80	.72	.88	.78	.71	.67
6.0	.90	.75	.64	.88	.74	.64	.85	.73	.63	.82	.71	.63	.79	.70	.62	.59
7.0	.81	.67	.57	.80	.66	.57	.77	.65	.56	.75	.64	.56	.72	.63	.55	.52
8.0	.74	.60	.51	.73	.60	.50	.71	.59	.50	.69	.58	.50	.67	.57	.49	.46
9.0	.68	.55	.46	.67	.54	.45	.65	.53	.45	.63	.52	.45	.61	.52	.44	.41
10.0	.63	.50	.41	.62	.49	.41	.60	.49	.41	.58	.48	.41	.57	.47	.40	.38



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-R	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 Wall Exitance Coefficients(WEC)					
0.0						
1.0	.517 .294 .093	.505 .288 .091	.483 .277 .088	.463 .267 .086	.444 .257 .083	
2.0	.481 .264 .081	.471 .259 .080	.451 .251 .078	.433 .243 .076	.417 .236 .074	
3.0	.443 .236 .071	.434 .232 .070	.416 .226 .069	.400 .219 .067	.386 .213 .066	
4.0	.407 .211 .062	.399 .209 .062	.384 .203 .061	.369 .198 .060	.356 .194 .059	
5.0	.375 .191 .055	.368 .189 .055	.354 .185 .054	.342 .180 .054	.330 .176 .053	
6.0	.347 .174 .050	.341 .172 .050	.329 .168 .049	.317 .165 .048	.307 .162 .048	
7.0	.323 .160 .045	.317 .158 .045	.306 .155 .045	.296 .152 .044	.286 .149 .044	
8.0	.301 .147 .041	.296 .146 .041	.286 .143 .041	.277 .140 .040	.268 .138 .040	
9.0	.282 .136 .038	.277 .135 .038	.268 .133 .038	.260 .130 .037	.253 .128 .037	
10.0	.265 .127 .035	.261 .126 .035	.253 .124 .035	.245 .122 .035	.238 .120 .034	

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	.314 .314 .314	.268 .268 .268	.183 .183 .183	.105 .105 .105	.034 .034 .034	
1.0	.299 .258 .222	.256 .222 .191	.175 .153 .132	.101 .088 .077	.032 .028 .025	
2.0	.286 .220 .164	.245 .189 .141	.168 .131 .099	.097 .076 .058	.031 .025 .019	
3.0	.274 .191 .126	.235 .165 .109	.161 .115 .076	.093 .067 .045	.030 .022 .015	
4.0	.261 .170 .100	.224 .147 .087	.154 .102 .061	.089 .060 .036	.029 .020 .012	
5.0	.249 .153 .083	.214 .133 .072	.147 .093 .051	.085 .054 .030	.028 .018 .010	
6.0	.238 .140 .070	.204 .121 .061	.141 .085 .043	.082 .050 .026	.026 .016 .008	
7.0	.226 .129 .061	.195 .112 .053	.135 .078 .037	.078 .046 .022	.025 .015 .007	
8.0	.216 .120 .053	.186 .104 .047	.129 .073 .033	.075 .043 .020	.024 .014 .007	
9.0	.206 .112 .048	.177 .097 .042	.123 .068 .030	.072 .040 .018	.023 .013 .006	
10.0	.197 .105 .043	.170 .091 .038	.118 .064 .027	.069 .038 .016	.022 .012 .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-R						WEIGHT:0.325Kg/m				
DIM.: 16*17mm						SPEC.:				
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				
x = 2H y = 2H						Viewed endwise				
3H						16.2	17.8	16.5	18.0	18.2
4H						16.5	18.0	16.8	18.2	18.5
6H						17.8	19.2	18.1	19.5	19.7
8H						18.2	19.6	18.5	19.8	20.1
12H						18.5	19.8	18.8	20.1	20.4
						18.9	20.2	19.3	20.5	20.8
						19.5	20.3	19.2	20.5	20.8
						19.9	20.8	19.8	21.1	21.4
						19.1	20.3	19.4	20.6	20.9
						19.7	21.0	20.1	21.3	21.6
						19.9	21.1	20.2	21.4	21.7
4H 2H						16.9	18.3	17.2	18.5	18.8
4H 3H						17.1	18.4	17.4	18.7	19.0
4H 4H						18.7	19.9	19.0	20.2	20.5
4H 6H						19.0	20.2	19.3	20.5	20.8
4H 8H						19.5	20.6	19.9	20.9	21.2
4H 12H						19.9	20.9	20.2	21.3	21.6
						20.1	21.0	20.5	21.4	21.8
						20.6	21.6	21.0	21.9	22.3
						20.3	21.2	20.7	21.5	21.9
						20.9	21.8	21.3	22.2	22.6
						21.1	21.9	21.5	22.3	22.7
8H 4H						19.8	20.7	20.2	21.1	21.5
8H 6H						20.1	21.0	20.6	21.4	21.8
8H 8H						20.6	21.3	21.0	21.7	22.2
8H 12H						21.0	21.8	21.5	22.2	22.7
						20.8	21.5	21.3	21.9	22.4
						21.4	22.1	21.9	22.5	23.0
						21.7	22.3	22.2	22.8	23.2
12H 4H						19.8	20.7	20.3	21.1	21.5
12H 6H						20.2	21.0	20.6	21.4	21.8
12H 8H						20.6	21.3	21.1	21.8	22.2
						21.1	21.8	21.6	22.2	22.7
						21.5	22.1	22.0	22.6	23.1
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 / - 0.3				

CIE Pub.117 Corrected 90.00 lm Total Lamp Luminous Flux.(8log(F/F0) = -8.4)

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-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:

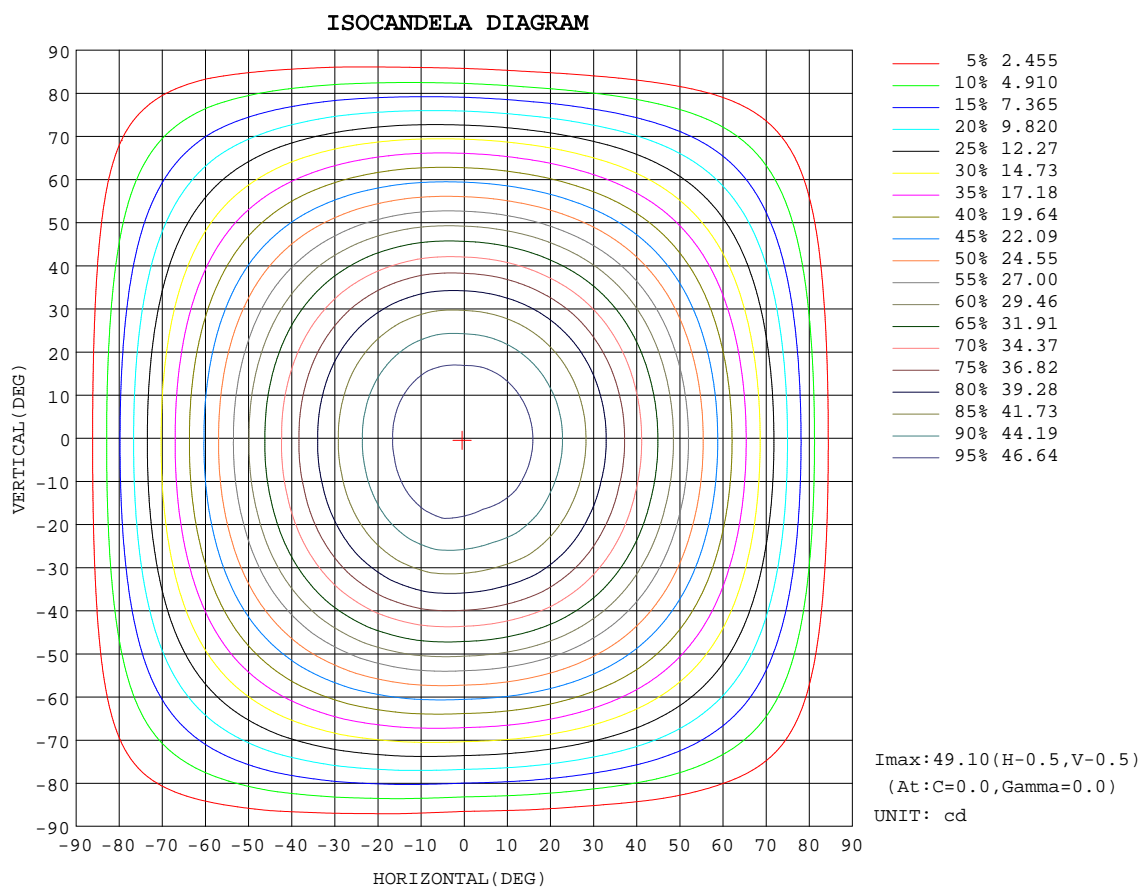
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	91	72	61	90	72	61	88	71	61	50
0.80	107	88	76	106	88	76	103	86	75	64
1.00	121	102	90	119	101	90	115	104	89	77
1.25	132	115	103	130	114	102	125	111	101	89
1.50	140	124	112	137	122	111	132	119	110	97
2.00	151	137	126	148	135	125	142	131	123	110
2.50	158	145	135	154	142	133	148	138	130	116
3.00	163	152	143	160	149	141	153	144	137	123
4.00	170	160	152	166	157	150	159	152	146	131
5.00	174	166	159	170	163	156	162	157	151	136
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-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:16*1000mm	

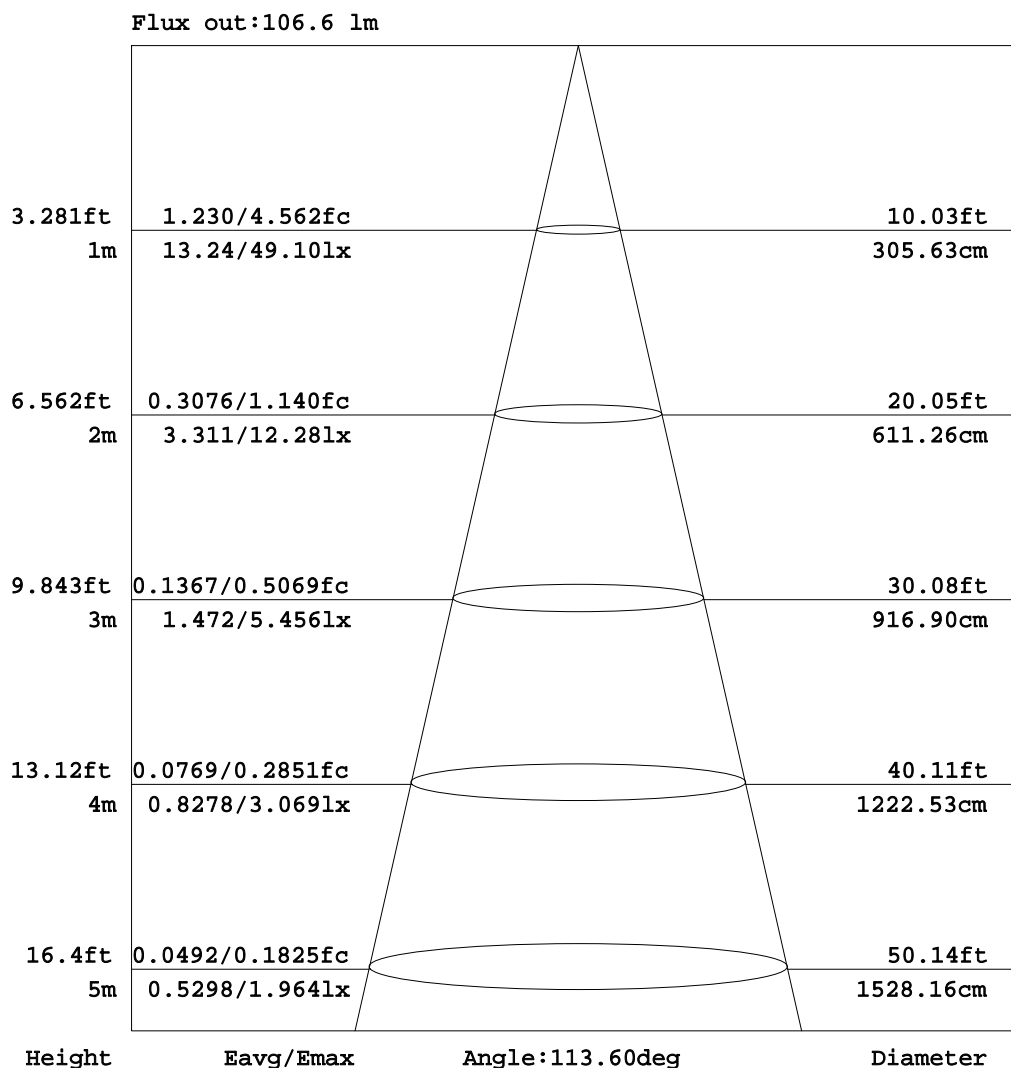


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-21

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-F22S-VB-D24CC-RGBW(4000K)-84-5050-1M-R	5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



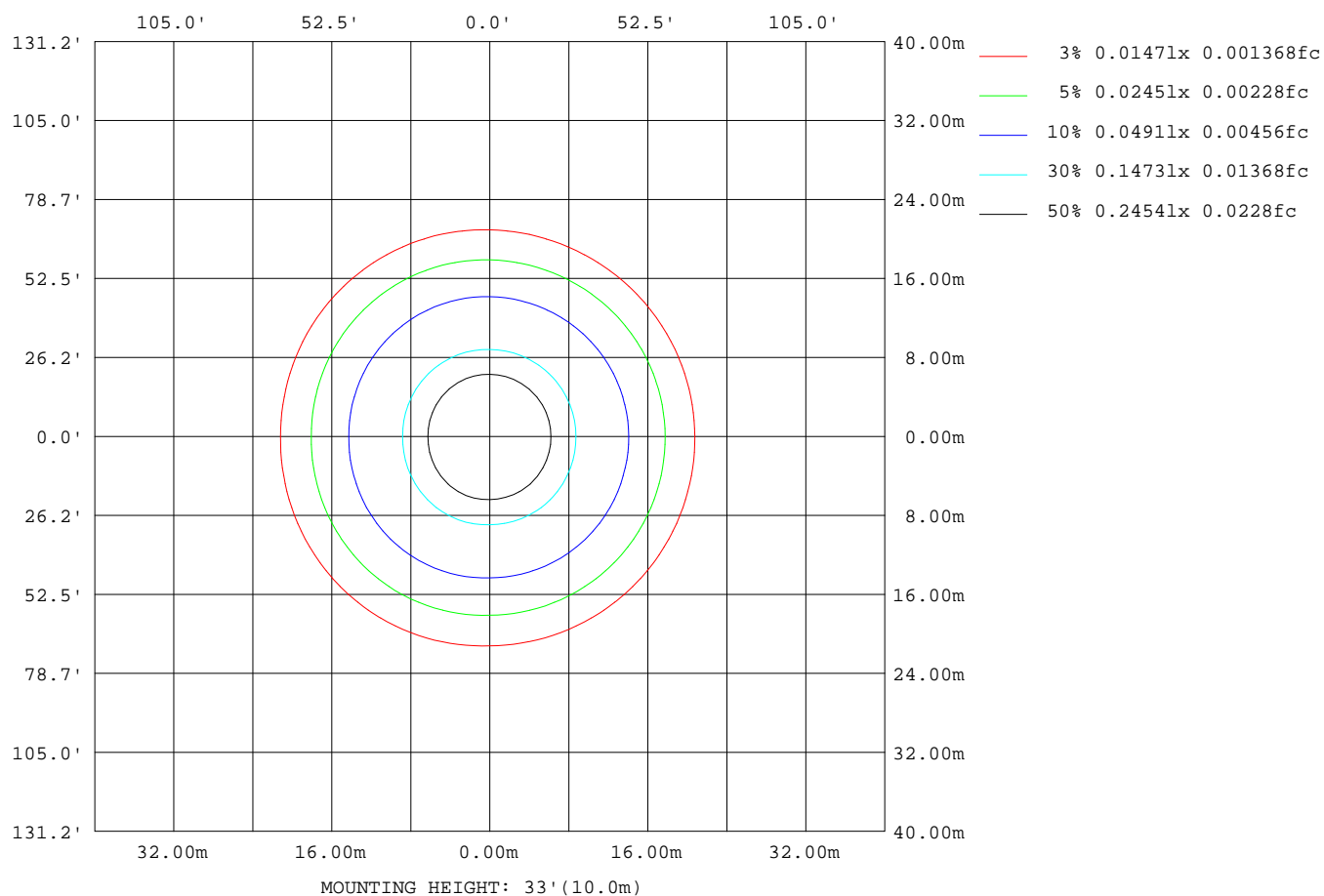
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-R	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

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-F22S-VB-D24CC-RGBW(4000K)-84-5050-1M-R	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	90	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	2703	2710	2725	2748	2773	2800	2826	2844	2855	2865	2894	2920	2934	2933	2918	2895	2866	2841	2825
60	2646	2655	2671	2694	2721	2748	2774	2796	2810	2822	2857	2888	2906	2908	2895	2872	2843	2812	2789
65	2579	2591	2610	2635	2664	2694	2723	2753	2771	2786	2828	2867	2890	2894	2881	2855	2823	2788	2760
70	2492	2509	2533	2563	2596	2632	2670	2707	2732	2754	2807	2855	2884	2887	2872	2844	2805	2761	2726
75	2357	2384	2414	2451	2501	2549	2592	2646	2683	2712	2786	2852	2890	2899	2878	2835	2787	2729	2677
80	2107	2153	2204	2262	2341	2411	2471	2552	2608	2653	2768	2869	2924	2937	2906	2841	2770	2677	2591
85	1428	1561	1666	1766	1932	2067	2170	2340	2455	2534	2761	2947	3039	3075	3009	2862	2729	2548	2373

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	3075	200	---	500
Category 2	65 to 90	3075	200	---	500
Category 3	75 to 90	3075	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-R	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	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
5	48.9	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	48.9	48.9
10	48.0	48.0	48.1	48.1	48.2	48.2	48.4	48.4	48.4	48.3	48.3	48.2	48.1	48.2	48.2	48.3	48.4	48.4	48.2
15	47.1	47.1	47.2	47.3	47.5	47.6	47.7	47.8	47.7	47.6	47.5	47.4	47.3	47.3	47.4	47.5	47.7	47.7	47.5
20	45.2	45.3	45.4	45.7	45.9	46.1	46.3	46.4	46.3	46.1	45.8	45.6	45.5	45.6	45.7	45.8	46.1	46.1	45.9
25	43.6	43.7	43.9	44.2	44.6	44.8	45.0	45.1	45.0	44.8	44.4	44.1	44.0	44.0	44.2	44.4	44.6	44.7	44.4
30	40.8	40.9	41.2	41.6	42.1	42.3	42.5	42.7	42.6	42.3	41.9	41.5	41.3	41.4	41.6	41.7	42.0	42.1	41.7
35	38.6	38.7	39.1	39.6	40.1	40.3	40.5	40.7	40.6	40.3	39.9	39.4	39.2	39.3	39.5	39.7	39.9	39.9	39.5
40	35.0	35.2	35.5	36.0	36.5	36.7	36.9	37.2	37.2	37.0	36.5	36.1	35.8	35.9	36.1	36.2	36.3	36.3	35.8
45	32.5	32.6	32.9	33.4	33.9	34.1	34.2	34.5	34.7	34.4	34.0	33.6	33.3	33.4	33.6	33.7	33.7	33.6	33.1
50	28.4	28.5	28.8	29.2	29.6	29.8	29.9	30.3	30.5	30.4	30.0	29.6	29.4	29.5	29.6	29.6	29.6	29.5	29.0
55	25.5	25.6	25.9	26.3	26.7	26.9	27.0	27.4	27.7	27.6	27.3	26.9	26.6	26.7	26.9	26.8	26.8	26.6	26.1
60	21.2	21.3	21.6	21.9	22.2	22.4	22.6	23.0	23.3	23.2	23.0	22.6	22.3	22.4	22.5	22.5	22.4	22.2	21.7
65	18.2	18.3	18.6	18.9	19.2	19.5	19.6	20.0	20.3	20.3	20.0	19.7	19.4	19.5	19.6	19.5	19.4	19.2	18.8
70	13.6	13.8	14.0	14.3	14.6	14.9	15.1	15.5	15.8	15.8	15.6	15.2	14.9	15.0	15.1	15.1	14.9	14.7	14.3
75	10.5	10.7	10.9	11.2	11.5	11.8	12.0	12.5	12.7	12.7	12.5	12.2	11.8	11.9	12.1	12.0	11.9	11.7	11.2
80	5.85	6.05	6.28	6.61	6.87	7.19	7.37	7.85	8.12	8.14	7.89	7.59	7.20	7.28	7.45	7.39	7.29	7.02	6.67
85	2.73	2.99	3.21	3.53	3.77	4.12	4.29	4.77	5.01	5.05	4.77	4.47	4.07	4.18	4.35	4.32	4.24	3.98	3.65
90	0.00	0.09	0.28	0.44	0.58	0.68	0.71	0.86	0.89	0.86	0.71	0.47	0.23	0.43	0.67	0.83	0.91	0.90	0.81
95	0.00	0.04	0.20	0.29	0.35	0.36	0.34	0.34	0.29	0.29	0.25	0.15	0.07	0.20	0.38	0.51	0.65	0.70	0.67
100	0.00	0.01	0.13	0.23	0.28	0.29	0.27	0.24	0.24	0.21	0.17	0.10	0.07	0.15	0.29	0.39	0.48	0.63	0.61
105	0.00	0.00	0.09	0.19	0.24	0.25	0.22	0.18	0.19	0.18	0.15	0.08	0.07	0.10	0.27	0.38	0.44	0.58	0.57
110	0.00	0.00	0.04	0.13	0.17	0.19	0.17	0.11	0.13	0.15	0.10	0.03	0.07	0.05	0.20	0.32	0.32	0.43	0.48
115	0.00	0.00	0.00	0.09	0.13	0.14	0.12	0.10	0.09	0.11	0.06	0.03	0.06	0.04	0.15	0.25	0.34	0.34	0.43
120	0.00	0.00	0.00	0.01	0.06	0.08	0.06	0.03	0.05	0.03	0.00	0.02	0.04	0.04	0.04	0.15	0.24	0.27	0.33
125	0.00	0.00	0.00	0.00	0.01	0.03	0.02	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.01	0.08	0.15	0.21	0.26
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.05	0.08	0.16
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	0.01	0.01	0.00	0.00	0.00	0.00	0.07
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-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	49.0	49.0	49.0	49.0	49.0														
5	48.9	48.8	48.8	48.8	48.9														
10	48.1	48.1	48.1	48.0	48.0														
15	47.4	47.3	47.2	47.2	47.2														
20	45.7	45.5	45.4	45.3	45.3														
25	44.2	44.0	43.9	43.7	43.7														
30	41.4	41.2	41.1	40.9	40.8														
35	39.2	39.0	38.8	38.7	38.6														
40	35.5	35.3	35.2	35.1	35.1														
45	32.8	32.6	32.5	32.5	32.4														
50	28.6	28.4	28.4	28.3	28.4														
55	25.7	25.5	25.5	25.5	25.5														
60	21.3	21.1	21.0	21.0	21.1														
65	18.3	18.1	18.1	18.1	18.1														
70	13.9	13.6	13.5	13.5	13.5														
75	10.8	10.5	10.5	10.4	10.5														
80	6.21	5.95	5.81	5.82	5.78														
85	3.22	2.97	2.84	2.80	2.74														
90	0.77	0.74	0.65	0.46	0.21														
95	0.67	0.67	0.59	0.41	0.16														
100	0.61	0.60	0.51	0.33	0.09														
105	0.57	0.54	0.46	0.28	0.04														
110	0.48	0.44	0.36	0.19	0.00														
115	0.42	0.38	0.29	0.11	0.00														
120	0.32	0.27	0.17	0.00	0.00														
125	0.25	0.20	0.07	0.00	0.00														
130	0.14	0.07	0.00	0.00	0.00														
135	0.05	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
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Remarks: