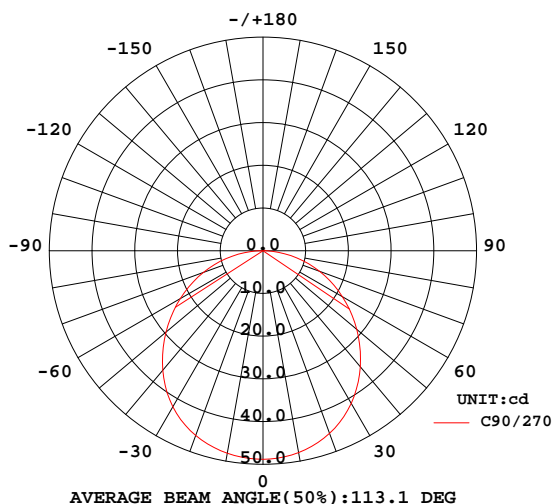


LUMINAIRE PHOTOMETRIC TEST REPORT

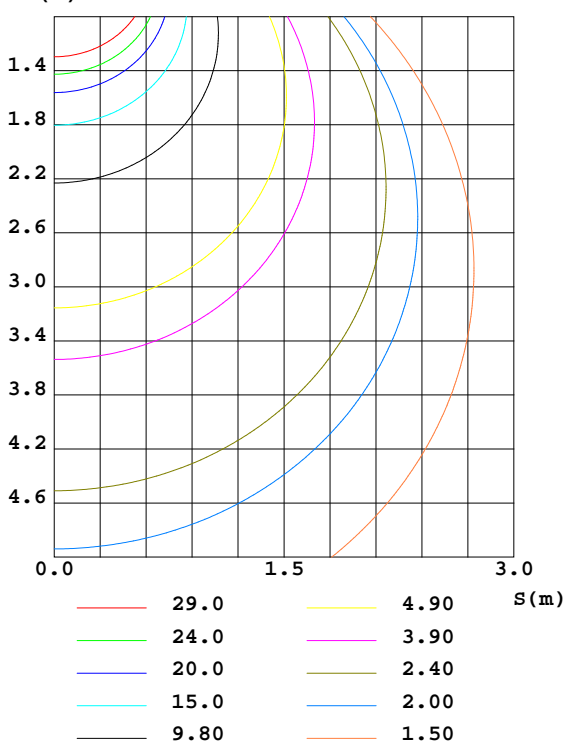
NAME: C-SFR-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 20.86 lm/W			
MODEL	5050	Imax(cd)	48.81	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6.9	LOR(%)	159.9	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	143.90	η UP,DN(C0-180)	0.3,80.2
NOMINAL FLUX(lm)	90	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,78.8
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	159.0	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:2018-08-22

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	47.85	47.97	48.13	48.06	47.96	47.97	47.97	47.88	0- 10	4.619	4.619	3.21,5.13
20	45.09	45.54	46.03	45.77	45.35	45.44	45.50	45.27	10- 20	13.25	17.87	12.4,19.9
30	40.70	41.49	42.20	41.87	41.16	41.31	41.28	41.01	20- 30	20.11	37.98	26.4,42.2
40	35.00	35.90	36.52	36.45	35.66	35.73	35.45	35.28	30- 40	24.23	62.21	43.2,69.1
50	28.34	29.12	29.66	29.88	29.24	29.17	28.68	28.54	40- 50	25.09	87.30	60.7,97
60	21.16	21.82	22.34	22.71	22.22	22.03	21.44	21.27	50- 60	22.83	110.1	76.5,122
70	13.68	14.33	14.90	15.32	14.84	14.64	14.10	13.82	60- 70	18.01	128.1	89.1,142
80	5.979	6.740	7.340	7.794	7.199	7.082	6.639	6.247	70- 80	11.27	139.4	96.9,155
90	0.0729	0.4874	0.7823	0.9233	0.2705	0.6935	0.7797	0.6693	80- 90	3.653	143.1	99.4,159
100	0.0549	0.2630	0.2557	0.2681	0.1152	0.4084	0.5276	0.4846	90-100	0.4171	143.5	99.7,159
110	0.0083	0.1205	0.1430	0.1559	0.0960	0.2878	0.3929	0.3450	100-110	0.2514	143.7	99.9,160
120	0	0	0.0194	0.0164	0.0631	0.1180	0.2307	0.1590	110-120	0.1233	143.9	100,160
130	0	0	0	0	0.0383	0	0.0656	0	120-130	0.0336	143.9	100,160
140	0	0	0	0	0.0055	0	0	0	130-140	0.0024	143.9	100,160
150	0	0	0	0	0	0	0	0	140-150	0.0001	143.9	100,160
160	0	0	0	0	0	0	0	0	150-160	0	143.9	100,160
170	0	0	0	0	0	0	0	0	160-170	0	143.9	100,160
180	0	0	0	0	0	0	0	0	170-180	0	143.9	100,160
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

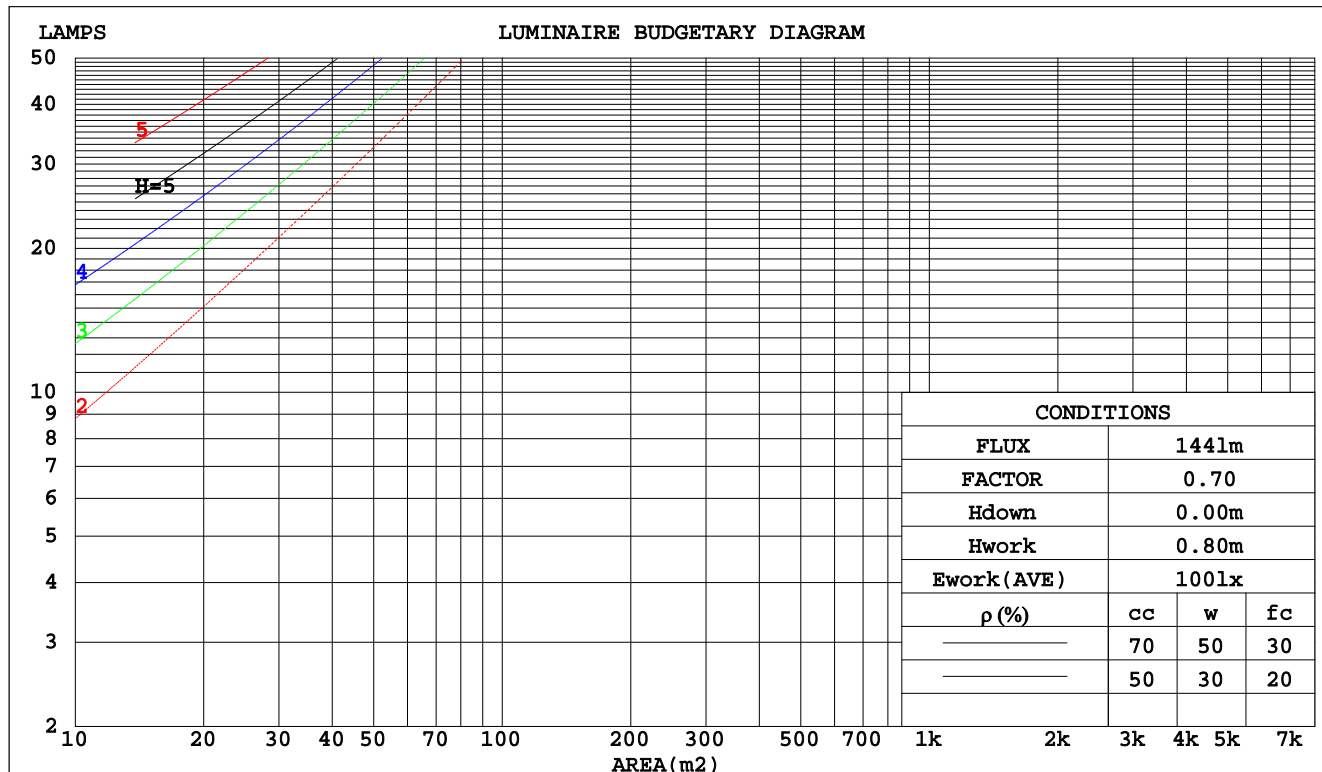
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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(2700K)-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						Coefficients of Utilization(CU)									
0.0	1.90	1.90	1.90	1.86	1.86	1.86	1.77	1.77	1.77	1.69	1.69	1.69	1.62	1.62	1.62	1.59
1.0	1.65	1.58	1.51	1.61	1.55	1.49	1.54	1.49	1.44	1.48	1.43	1.39	1.42	1.38	1.35	1.31
2.0	1.43	1.32	1.22	1.40	1.30	1.21	1.34	1.25	1.18	1.29	1.21	1.15	1.24	1.18	1.12	1.09
3.0	1.25	1.12	1.01	1.23	1.10	1.00	1.18	1.07	.98	1.13	1.04	.97	1.09	1.01	.95	.91
4.0	1.11	.97	.86	1.09	.95	.85	1.04	.93	.84	1.01	.91	.82	.97	.88	.81	.78
5.0	.99	.84	.73	.97	.83	.73	.94	.81	.72	.90	.80	.71	.87	.78	.70	.67
6.0	.89	.74	.64	.87	.74	.64	.84	.72	.63	.82	.71	.62	.79	.69	.62	.58
7.0	.81	.66	.56	.79	.66	.56	.77	.65	.56	.74	.63	.55	.72	.62	.55	.52
8.0	.74	.60	.50	.72	.59	.50	.70	.58	.50	.68	.57	.49	.66	.56	.49	.46
9.0	.67	.54	.45	.66	.54	.45	.65	.53	.45	.63	.52	.44	.61	.51	.44	.41
10.0	.62	.49	.41	.61	.49	.41	.60	.48	.41	.58	.48	.40	.57	.47	.40	.37



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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-R	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	.514 .292 .093	.502 .286 .091	.480 .276 .088	.460 .266 .085	.442 .256 .083	
2.0	.478 .262 .080	.468 .258 .079	.449 .249 .077	.431 .242 .076	.414 .234 .074	
3.0	.440 .234 .070	.431 .231 .069	.414 .224 .068	.398 .218 .067	.383 .212 .066	
4.0	.404 .210 .062	.396 .207 .061	.381 .202 .060	.367 .197 .059	.354 .192 .059	
5.0	.373 .190 .055	.366 .188 .055	.352 .183 .054	.340 .179 .053	.328 .175 .053	
6.0	.345 .173 .050	.339 .171 .049	.327 .167 .049	.315 .164 .048	.305 .160 .048	
7.0	.321 .158 .045	.315 .157 .045	.304 .154 .044	.294 .151 .044	.285 .148 .043	
8.0	.299 .146 .041	.294 .145 .041	.284 .142 .041	.275 .139 .040	.267 .137 .040	
9.0	.280 .135 .038	.275 .134 .038	.267 .132 .037	.259 .130 .037	.251 .127 .037	
10.0	.263 .126 .035	.259 .125 .035	.251 .123 .035	.244 .121 .034	.237 .119 .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	.312 .312 .312	.266 .266 .266	.182 .182 .182	.104 .104 .104	.033 .033 .033	
1.0	.297 .257 .220	.254 .220 .190	.174 .151 .131	.100 .088 .076	.032 .028 .025	
2.0	.284 .218 .162	.243 .188 .140	.167 .130 .098	.096 .076 .057	.031 .024 .019	
3.0	.272 .190 .125	.233 .164 .108	.160 .114 .076	.092 .066 .045	.030 .022 .015	
4.0	.259 .169 .100	.223 .146 .086	.153 .102 .061	.089 .060 .036	.028 .019 .012	
5.0	.247 .152 .082	.212 .132 .071	.146 .092 .050	.085 .054 .030	.027 .018 .010	
6.0	.236 .139 .069	.203 .120 .060	.140 .084 .043	.081 .050 .025	.026 .016 .008	
7.0	.225 .128 .060	.193 .111 .052	.134 .078 .037	.078 .046 .022	.025 .015 .007	
8.0	.214 .119 .053	.184 .103 .046	.128 .072 .033	.074 .043 .019	.024 .014 .006	
9.0	.204 .111 .047	.176 .096 .041	.122 .068 .029	.071 .040 .017	.023 .013 .006	
10.0	.195 .104 .043	.168 .090 .038	.117 .063 .027	.068 .038 .016	.022 .012 .005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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-R						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		16.2	17.8	16.5	18.0	18.2	16.5	18.0	16.7	18.2	18.4
3H		17.8	19.3	18.1	19.5	19.8	18.1	19.6	18.5	19.8	20.1
4H		18.5	19.9	18.8	20.1	20.4	18.9	20.2	19.2	20.5	20.8
6H		19.0	20.3	19.3	20.5	20.8	19.5	20.8	19.8	21.0	21.3
8H		19.1	20.4	19.5	20.7	21.0	19.7	20.9	20.1	21.2	21.5
12H		19.2	20.4	19.6	20.7	21.0	19.9	21.1	20.2	21.4	21.7
4H 2H		16.9	18.3	17.2	18.5	18.8	17.1	18.4	17.4	18.7	19.0
3H		18.7	19.9	19.1	20.2	20.5	19.0	20.1	19.3	20.5	20.8
4H		19.5	20.6	19.9	20.9	21.3	19.8	20.9	20.2	21.3	21.6
6H		20.1	21.1	20.5	21.4	21.8	20.6	21.6	21.0	21.9	22.3
8H		20.3	21.2	20.7	21.6	22.0	20.9	21.8	21.3	22.2	22.6
12H		20.4	21.2	20.9	21.6	22.1	21.1	21.9	21.5	22.3	22.7
8H 4H		19.8	20.7	20.3	21.1	21.5	20.1	21.0	20.6	21.4	21.8
6H		20.6	21.4	21.1	21.8	22.2	21.1	21.8	21.5	22.2	22.7
8H		20.9	21.6	21.4	22.0	22.5	21.4	22.1	21.9	22.6	23.0
12H		21.1	21.7	21.6	22.1	22.6	21.8	22.3	22.2	22.8	23.3
12H 4H		19.9	20.7	20.3	21.1	21.5	20.2	21.0	20.6	21.4	21.8
6H		20.7	21.4	21.2	21.8	22.3	21.1	21.8	21.6	22.2	22.7
8H		21.1	21.6	21.5	22.1	22.6	21.6	22.1	22.1	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:2018-08-22

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

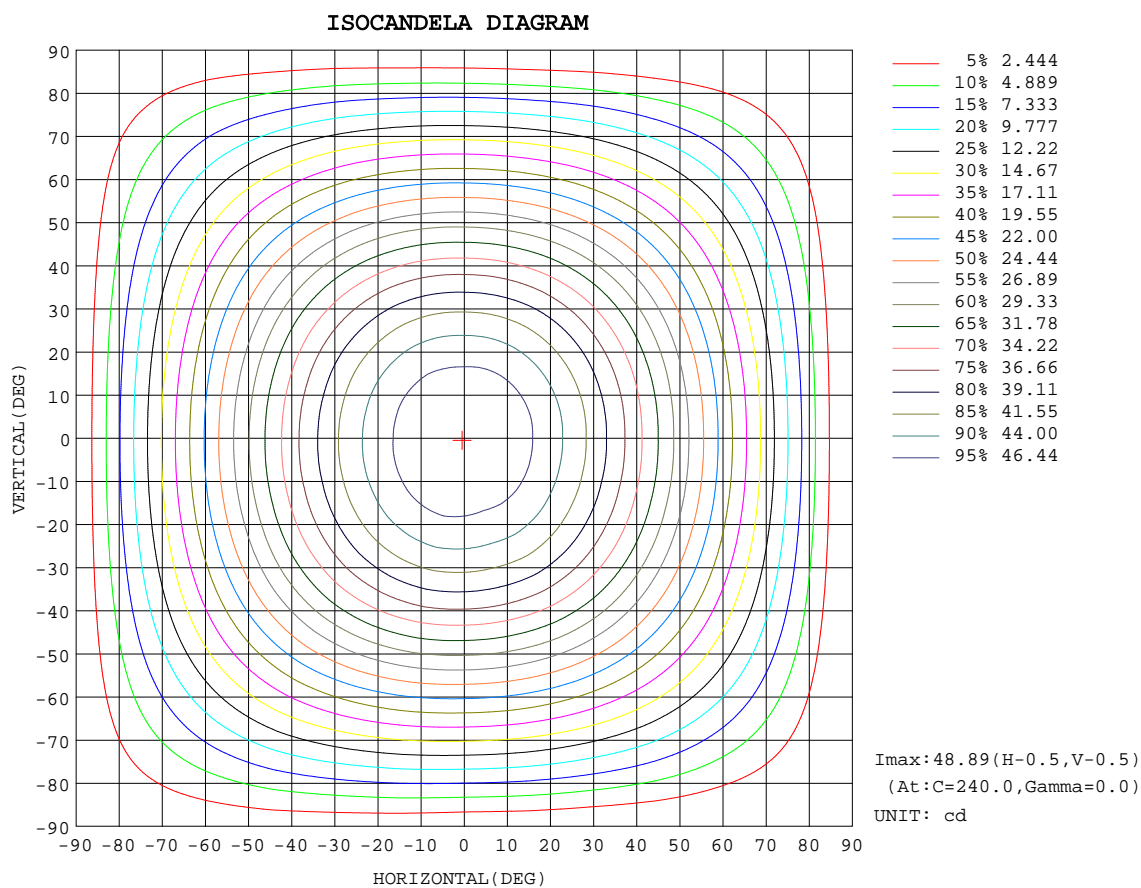
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	91	72	61	90	72	61	88	71	60	50
0.80	107	88	76	105	87	76	102	86	75	64
1.00	120	102	90	118	101	89	114	103	89	77
1.25	131	114	102	129	113	102	124	111	100	88
1.50	139	123	112	137	122	111	132	119	109	97
2.00	150	136	126	147	134	124	142	131	122	109
2.50	157	144	134	153	142	132	147	137	129	116
3.00	162	151	142	159	148	140	152	143	136	122
4.00	169	159	151	165	156	149	158	151	145	130
5.00	173	165	158	169	161	155	161	155	150	135
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:2018-08-22

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-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:16*1000mm	

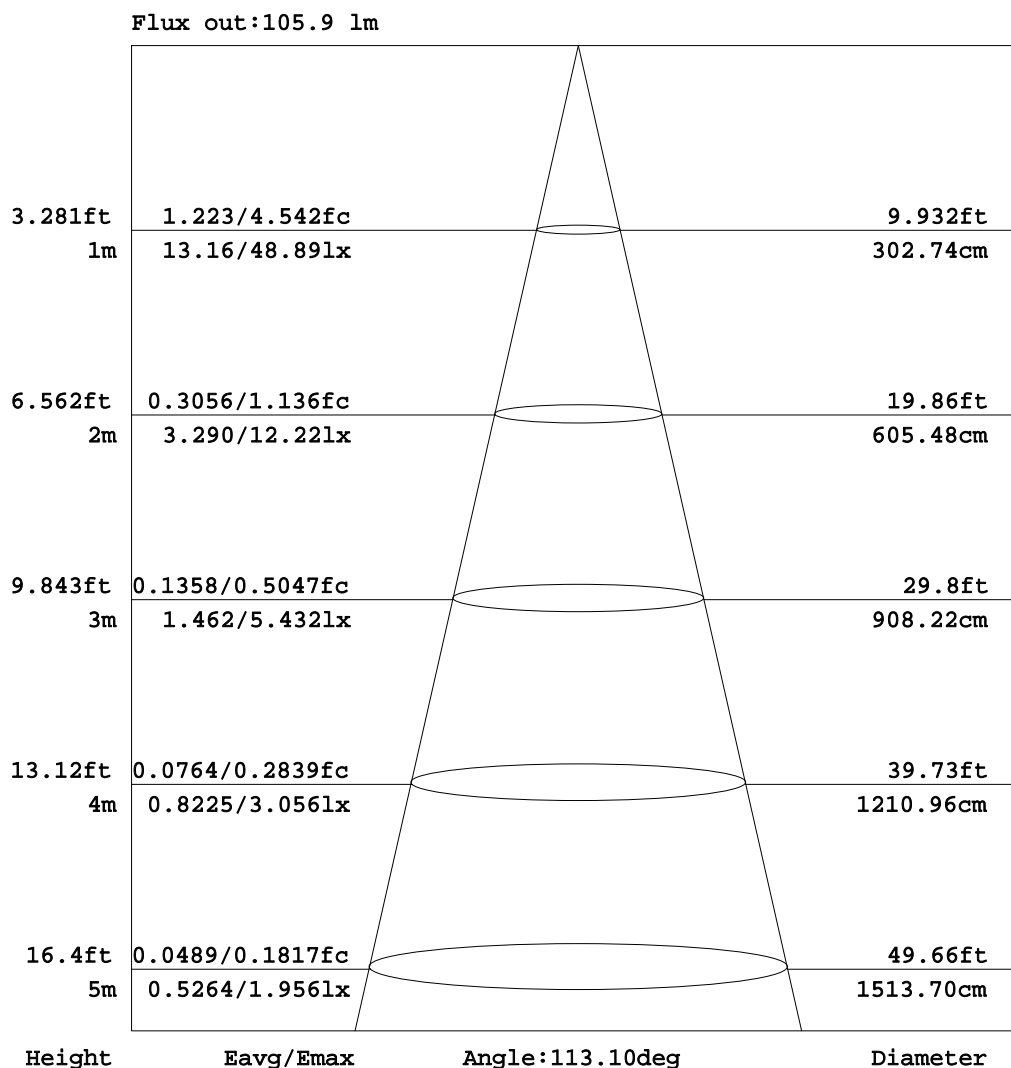


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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



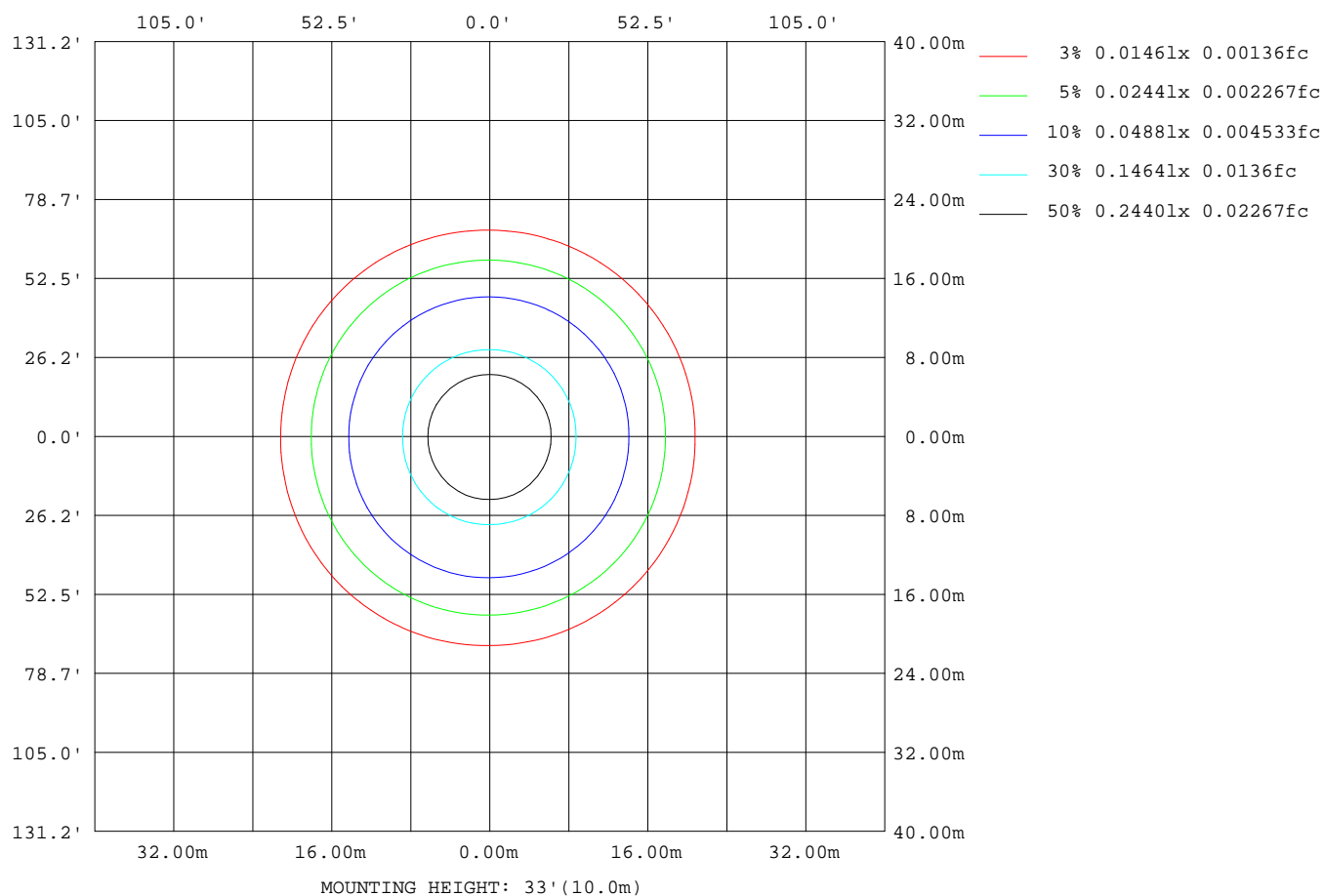
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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-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:2018-08-22

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(2700K)-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	2726	2747	2768	2790	2809	2823	2831	2835	2848	2861	2870	2872	2866	2853	2833	2819	2813
60	2646	2655	2671	2694	2716	2738	2759	2777	2787	2792	2808	2823	2834	2839	2836	2823	2803	2787	2778
65	2582	2596	2613	2635	2662	2687	2708	2734	2748	2753	2776	2795	2806	2815	2813	2799	2779	2760	2746
70	2500	2521	2542	2566	2600	2633	2662	2692	2711	2723	2751	2774	2788	2799	2796	2778	2753	2729	2711
75	2372	2403	2433	2466	2518	2562	2595	2641	2669	2684	2724	2757	2774	2792	2785	2755	2725	2692	2663
80	2152	2202	2252	2309	2387	2455	2507	2574	2616	2642	2705	2754	2779	2802	2793	2749	2697	2641	2591
85	1553	1692	1795	1888	2060	2193	2282	2437	2532	2574	2708	2800	2834	2896	2871	2758	2668	2554	2441

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	2896	200	---	500
Category 2	65 to 90	2896	200	---	500
Category 3	75 to 90	2896	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:2018-08-22

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-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SUR.:16*1000mm	

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	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
10	47.9	47.9	47.9	48.0	48.0	48.1	48.1	48.2	48.1	48.1	48.0	48.0	48.0	47.9	48.0	48.0	48.0	48.0	48.0
15	47.0	47.0	47.1	47.2	47.3	47.4	47.5	47.5	47.4	47.3	47.2	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.2
20	45.1	45.2	45.3	45.5	45.8	45.9	46.0	46.1	45.9	45.8	45.6	45.4	45.3	45.3	45.4	45.4	45.6	45.6	45.5
25	43.5	43.6	43.8	44.1	44.4	44.6	44.7	44.7	44.6	44.4	44.1	43.9	43.9	43.8	43.9	44.0	44.1	44.2	44.0
30	40.7	40.8	41.1	41.5	41.9	42.1	42.2	42.2	42.1	41.9	41.5	41.3	41.2	41.1	41.2	41.3	41.4	41.5	41.3
35	38.6	38.7	39.0	39.4	39.8	40.0	40.1	40.2	40.1	39.9	39.5	39.2	39.1	39.1	39.2	39.2	39.3	39.3	39.1
40	35.0	35.1	35.5	35.9	36.3	36.5	36.5	36.6	36.6	36.4	36.1	35.8	35.7	35.6	35.7	35.7	35.7	35.7	35.5
45	32.4	32.6	32.9	33.3	33.6	33.8	33.9	34.0	34.0	33.9	33.7	33.3	33.2	33.2	33.2	33.2	33.2	33.1	32.8
50	28.3	28.5	28.8	29.1	29.4	29.6	29.7	29.8	29.9	29.9	29.7	29.4	29.2	29.2	29.2	29.2	29.1	28.9	28.7
55	25.5	25.6	25.9	26.2	26.5	26.7	26.8	26.9	27.1	27.1	26.9	26.6	26.5	26.5	26.5	26.4	26.2	26.1	25.8
60	21.2	21.3	21.5	21.8	22.1	22.3	22.3	22.5	22.7	22.7	22.6	22.3	22.2	22.2	22.1	22.0	21.9	21.7	21.4
65	18.2	18.4	18.6	18.9	19.1	19.3	19.4	19.6	19.7	19.8	19.7	19.4	19.3	19.3	19.2	19.1	19.0	18.8	18.5
70	13.7	13.9	14.0	14.3	14.6	14.8	14.9	15.1	15.3	15.3	15.2	15.0	14.8	14.8	14.8	14.6	14.5	14.3	14.1
75	10.6	10.8	11.0	11.3	11.5	11.8	11.9	12.1	12.2	12.3	12.2	12.0	11.8	11.8	11.7	11.6	11.5	11.3	11.1
80	5.98	6.19	6.41	6.74	6.97	7.23	7.34	7.60	7.72	7.79	7.64	7.42	7.20	7.13	7.23	7.08	7.01	6.78	6.64
85	2.92	3.20	3.39	3.74	3.93	4.24	4.34	4.61	4.70	4.80	4.60	4.41	4.15	4.17	4.23	4.14	4.04	3.83	3.69
90	0.07	0.19	0.34	0.49	0.62	0.73	0.78	0.91	0.95	0.92	0.74	0.51	0.27	0.39	0.57	0.69	0.79	0.78	0.78
95	0.07	0.14	0.26	0.36	0.39	0.39	0.36	0.39	0.41	0.37	0.31	0.19	0.09	0.23	0.39	0.49	0.56	0.58	0.60
100	0.05	0.07	0.18	0.26	0.30	0.30	0.26	0.29	0.31	0.27	0.21	0.14	0.12	0.18	0.30	0.41	0.43	0.48	0.53
105	0.04	0.03	0.12	0.21	0.25	0.24	0.20	0.24	0.24	0.21	0.17	0.10	0.11	0.12	0.26	0.31	0.39	0.43	0.49
110	0.01	0.01	0.02	0.12	0.16	0.18	0.14	0.17	0.13	0.16	0.12	0.07	0.10	0.08	0.19	0.29	0.32	0.32	0.39
115	0.00	0.00	0.00	0.07	0.11	0.12	0.09	0.09	0.09	0.11	0.04	0.07	0.08	0.07	0.13	0.21	0.22	0.27	0.35
120	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.01	0.03	0.02	0.01	0.06	0.06	0.06	0.03	0.12	0.16	0.17	0.23
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.06	0.05	0.01	0.03	0.10	0.12	0.18
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.03	0.00	0.00	0.00	0.01	0.07
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	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	0.01	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:2018-08-22

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

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	48.8	48.8	48.8	48.8	48.8														
5	48.6	48.6	48.6	48.6	48.6														
10	47.9	47.9	47.9	47.9	47.9														
15	47.1	47.1	47.1	47.0	47.0														
20	45.4	45.4	45.3	45.2	45.1														
25	43.9	43.9	43.7	43.6	43.5														
30	41.2	41.1	41.0	40.9	40.8														
35	39.0	39.0	38.9	38.8	38.6														
40	35.4	35.3	35.3	35.2	35.1														
45	32.7	32.7	32.7	32.6	32.5														
50	28.6	28.6	28.5	28.5	28.4														
55	25.7	25.7	25.7	25.7	25.6														
60	21.3	21.3	21.3	21.2	21.2														
65	18.4	18.4	18.3	18.3	18.3														
70	14.0	13.9	13.8	13.8	13.7														
75	11.0	10.9	10.8	10.7	10.7														
80	6.46	6.40	6.25	6.19	6.02														
85	3.53	3.46	3.32	3.22	3.07														
90	0.77	0.76	0.67	0.49	0.27														
95	0.61	0.62	0.56	0.41	0.21														
100	0.53	0.55	0.48	0.33	0.14														
105	0.49	0.50	0.44	0.28	0.07														
110	0.41	0.41	0.34	0.20	0.01														
115	0.34	0.34	0.28	0.12	0.01														
120	0.24	0.25	0.16	0.00	0.00														
125	0.16	0.16	0.06	0.00	0.00														
130	0.05	0.02	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
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
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