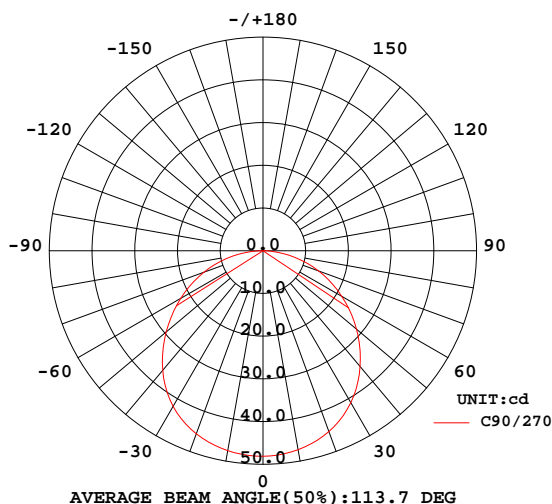


LUMINAIRE PHOTOMETRIC TEST REPORT

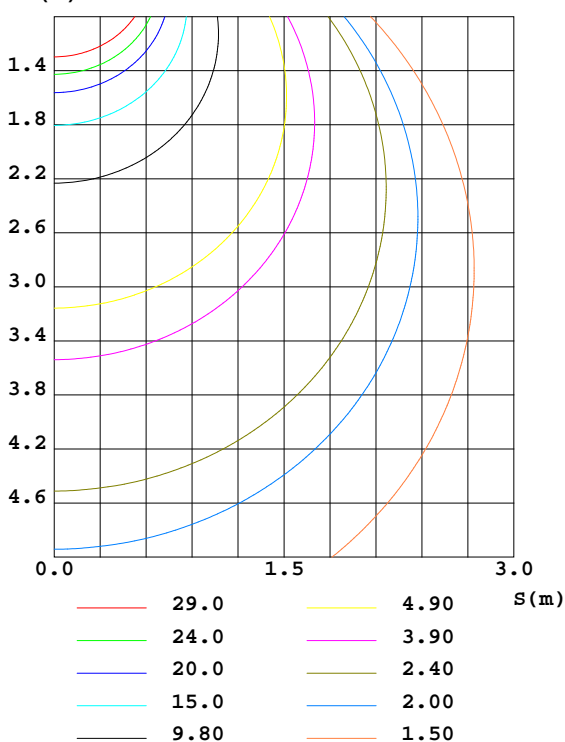
NAME: C-SFR-F22S-VB-D24CC-RGB-84-5050-1M-R	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 20.60 lm/W			
MODEL	5050	Imax(cd)	48.11	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6.89	LOR(%)	157.7	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	141.94	η UP,DN(C0-180)	0.2,79.3
NOMINAL FLUX(lm)	90	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,77.7
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	157.0	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:2018-08-20

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	47.13	47.27	47.51	47.46	47.26	47.31	47.29	47.13	0- 10	4.553	4.553	3.21,5.06
20	44.42	44.94	45.60	45.30	44.68	44.93	45.06	44.61	10- 20	13.07	17.63	12.4,19.6
30	40.11	41.06	42.09	41.64	40.56	41.03	41.09	40.46	20- 30	19.90	37.53	26.4,41.7
40	34.48	35.59	36.53	36.41	35.14	35.63	35.36	34.81	30- 40	24.04	61.56	43.4,68.4
50	27.95	28.85	29.59	29.90	28.81	29.14	28.56	28.10	40- 50	24.91	86.47	60.9,96.1
60	20.88	21.55	22.21	22.74	21.87	22.01	21.27	20.83	50- 60	22.64	109.1	76.9,121
70	13.48	14.04	14.73	15.32	14.55	14.61	13.86	13.32	60- 70	17.80	126.9	89.4,141
80	5.785	6.371	7.111	7.736	6.919	6.996	6.254	5.669	70- 80	11.01	137.9	97.2,153
90	0.1246	0.3639	0.5441	0.7159	0.1993	0.6234	0.5638	0.5575	80- 90	3.389	141.3	99.6,157
100	0.1443	0.2265	0.1337	0.0954	0.0480	0.2672	0.3733	0.4313	90-100	0.3132	141.6	99.8,157
110	0.1042	0.1402	0.0627	0.0518	0.0347	0.2402	0.2615	0.3194	100-110	0.1877	141.8	99.9,158
120	0.0668	0.0296	0.0028	0	0.0293	0.0757	0.1606	0.1775	110-120	0.0993	141.9	100,158
130	0.0161	0	0	0	0	0	0.0298	0.0001	120-130	0.0280	141.9	100,158
140	0	0	0	0	0	0	0	0	130-140	0.0010	141.9	100,158
150	0	0	0	0	0	0	0	0	140-150	0	141.9	100,158
160	0	0	0	0	0	0	0	0	150-160	0	141.9	100,158
170	0	0	0	0	0	0	0	0	160-170	0	141.9	100,158
180	0	0	0	0	0	0	0	0	170-180	0	141.9	100,158
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

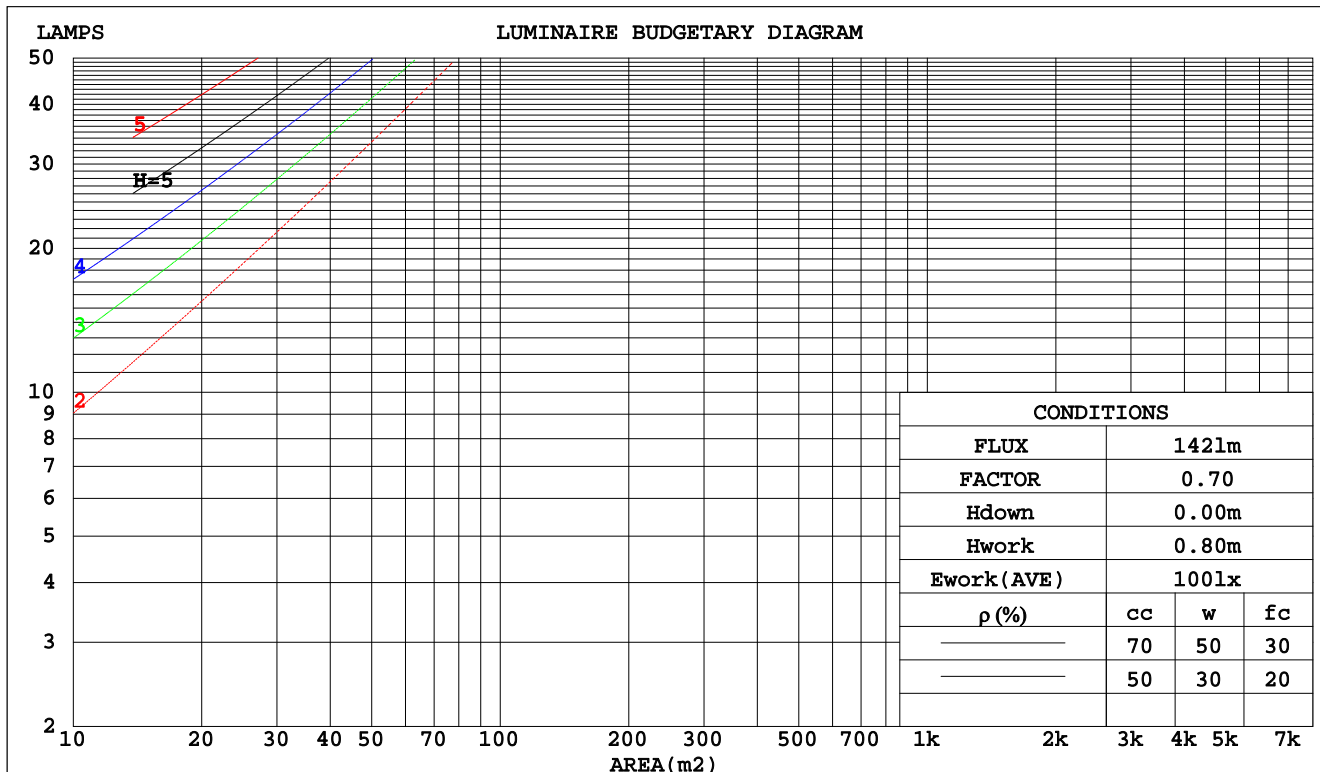
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-RGB-84-5050-1M-RTYPE:	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	Coefficients of Utilization(CU)															
0.0	1.88	1.88	1.88	1.83	1.83	1.83	1.75	1.75	1.75	1.67	1.67	1.67	1.60	1.60	1.60	1.57
1.0	1.63	1.56	1.50	1.59	1.53	1.47	1.52	1.47	1.42	1.46	1.42	1.38	1.40	1.37	1.33	1.30
2.0	1.41	1.30	1.21	1.38	1.28	1.20	1.33	1.24	1.17	1.27	1.20	1.14	1.22	1.16	1.11	1.08
3.0	1.24	1.11	1.00	1.21	1.09	.99	1.16	1.06	.97	1.12	1.03	.96	1.08	1.00	.94	.90
4.0	1.10	.95	.85	1.07	.94	.84	1.03	.92	.83	.99	.90	.81	.96	.87	.80	.77
5.0	.98	.83	.73	.96	.82	.72	.92	.80	.71	.89	.79	.70	.86	.77	.70	.66
6.0	.88	.74	.63	.86	.73	.63	.83	.71	.62	.81	.70	.62	.78	.69	.61	.58
7.0	.80	.66	.56	.78	.65	.56	.76	.64	.55	.73	.63	.55	.71	.62	.54	.51
8.0	.73	.59	.50	.72	.59	.50	.69	.58	.49	.67	.57	.49	.65	.56	.48	.45
9.0	.67	.54	.45	.66	.53	.45	.64	.52	.44	.62	.52	.44	.60	.51	.44	.41
10.0	.61	.49	.40	.61	.49	.40	.59	.48	.40	.57	.47	.40	.56	.47	.40	.37



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-RGB-84-5050-1M-RTYPE:	WEIGHT:0.325Kg/m	
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

pcc	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 Coefficients(WEC)										
0.0																	
1.0	.504	.287	.091	.493	.281	.089	.471	.270	.086	.452	.260	.084	.433	.251	.081		
2.0	.470	.258	.079	.460	.253	.078	.441	.245	.076	.424	.238	.074	.408	.231	.073		
3.0	.433	.230	.069	.424	.227	.068	.407	.221	.067	.392	.215	.066	.377	.209	.065		
4.0	.398	.207	.061	.390	.204	.060	.376	.199	.059	.362	.194	.059	.349	.190	.058		
5.0	.367	.187	.054	.360	.185	.054	.347	.181	.053	.335	.177	.053	.323	.173	.052		
6.0	.340	.170	.049	.334	.169	.049	.322	.165	.048	.311	.162	.048	.301	.158	.047		
7.0	.316	.156	.044	.311	.155	.044	.300	.152	.044	.290	.149	.043	.281	.146	.043		
8.0	.295	.144	.041	.290	.143	.040	.280	.140	.040	.272	.138	.040	.263	.135	.039		
9.0	.276	.134	.037	.272	.132	.037	.263	.130	.037	.255	.128	.037	.248	.126	.036		
10.0	.259	.124	.035	.255	.123	.034	.248	.121	.034	.241	.119	.034	.234	.118	.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	.306	.306	.306	.261	.261	.261	.178	.178	.178	.102	.102	.102	.033	.033	.033	
1.0	.291	.251	.216	.249	.216	.186	.170	.148	.129	.098	.086	.075	.031	.028	.024	
2.0	.278	.213	.159	.238	.184	.137	.163	.127	.096	.094	.074	.056	.030	.024	.018	
3.0	.266	.186	.122	.228	.160	.105	.157	.111	.074	.091	.065	.044	.029	.021	.014	
4.0	.254	.165	.097	.218	.142	.084	.150	.099	.059	.087	.058	.035	.028	.019	.011	
5.0	.242	.149	.079	.208	.128	.069	.143	.090	.049	.083	.053	.029	.027	.017	.010	
6.0	.231	.135	.067	.198	.117	.058	.137	.082	.041	.079	.048	.024	.026	.016	.008	
7.0	.220	.124	.058	.189	.108	.050	.131	.076	.036	.076	.045	.021	.025	.015	.007	
8.0	.210	.115	.051	.181	.100	.044	.125	.070	.031	.073	.041	.019	.024	.014	.006	
9.0	.200	.108	.045	.172	.093	.039	.119	.066	.028	.070	.039	.017	.023	.013	.006	
10.0	.191	.101	.041	.165	.088	.036	.114	.062	.025	.067	.036	.015	.022	.012	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-RGB-84-5050-1M-RTYPE:						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				
x = 2H y = 2H						Viewed endwise				
3H						16.3	17.8	16.5	18.0	18.2
4H						16.5	18.0	16.7	18.2	18.4
6H						17.9	19.3	18.2	19.5	19.8
8H						18.1	19.5	18.4	19.8	20.0
12H						18.5	19.9	18.8	20.1	20.4
						18.8	20.2	19.2	20.4	20.7
4H						19.0	20.3	19.3	20.5	20.8
6H						19.4	20.7	19.8	21.0	21.3
8H						19.1	20.4	19.5	20.7	21.0
12H						19.6	20.9	20.0	21.1	21.4
						19.2	20.4	19.5	20.7	21.0
						19.8	20.9	20.1	21.2	21.6
4H						16.9	18.3	17.2	18.5	18.8
6H						17.1	18.4	17.4	18.7	18.9
8H						18.7	19.9	19.1	20.2	20.5
12H						18.9	20.1	19.3	20.4	20.7
						19.5	20.6	19.9	20.9	21.3
4H						19.8	20.9	20.2	21.2	21.5
6H						20.1	21.1	20.5	21.4	21.8
8H						20.5	21.5	20.9	21.8	22.2
12H						20.3	21.2	20.7	21.6	22.0
						20.8	21.7	21.2	22.0	22.4
4H						20.4	21.2	20.8	21.6	22.0
6H						20.9	21.8	21.4	22.2	22.6
8H						19.8	20.7	20.2	21.1	21.5
12H						20.1	21.0	20.5	21.3	21.7
						20.6	21.3	21.0	21.7	22.2
4H						20.8	21.5	21.3	21.9	22.4
6H						21.3	22.0	21.8	22.4	22.9
8H						21.0	21.6	21.5	22.0	22.5
12H						21.6	22.1	22.1	22.6	23.1
4H						19.8	20.7	20.3	21.1	21.5
6H						20.1	20.9	20.5	21.3	21.7
8H						20.7	21.3	21.1	21.8	22.2
12H						21.0	21.7	21.5	22.1	22.6
						21.4	22.0	21.9	22.4	22.9
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 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:2018-08-20

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-RGB-84-5050-1M-RTYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm PROTECTION ANGLE:

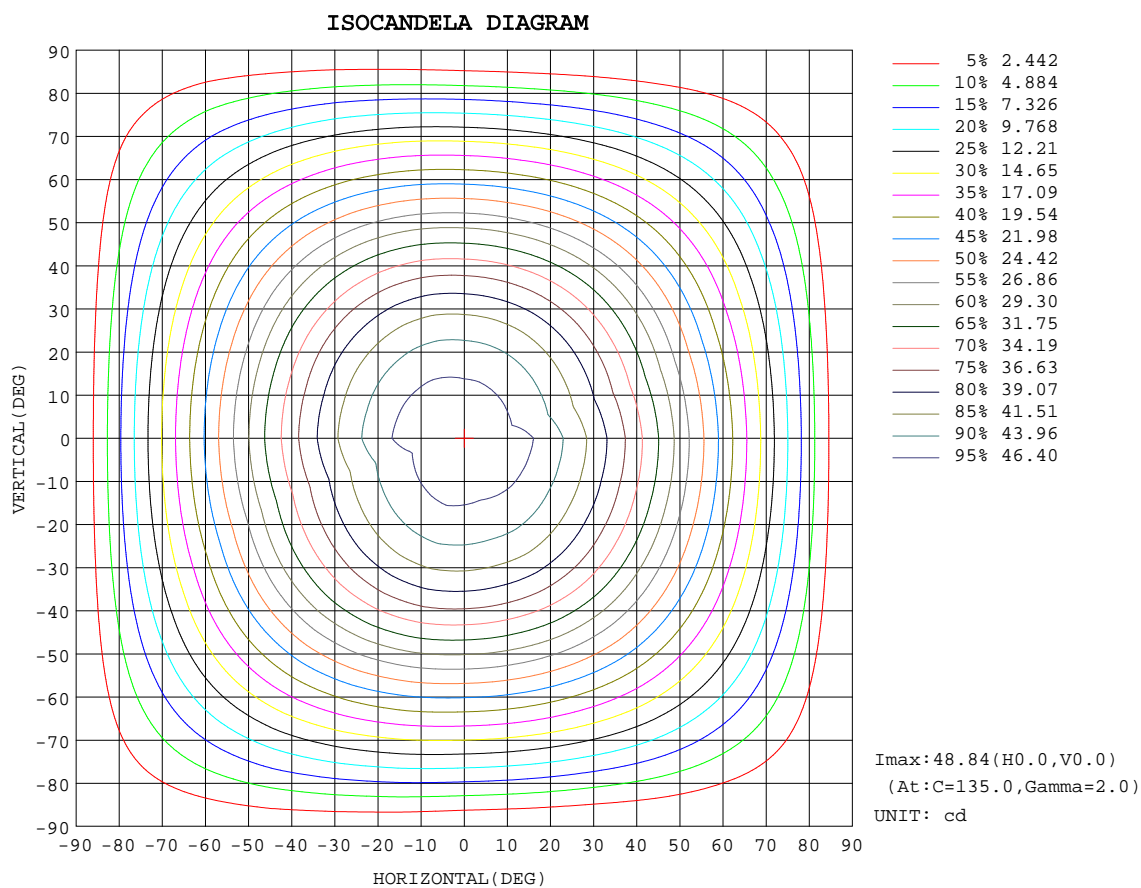
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	90	71	60	88	71	60	87	70	60	49
0.80	105	87	75	104	86	75	101	85	74	63
1.00	118	101	89	117	100	89	113	102	88	76
1.25	130	113	101	127	112	101	123	109	99	88
1.50	138	122	110	135	120	109	130	117	108	96
2.00	148	135	124	146	133	123	140	129	121	108
2.50	155	142	132	151	140	131	145	136	128	114
3.00	160	149	140	157	146	138	150	142	135	121
4.00	167	157	150	163	154	147	156	149	143	129
5.00	171	163	156	167	160	153	159	154	149	134
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:2018-08-20

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-RGB-84-5050-1M-RTYPE:	WEIGHT:0.325Kg/m	
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

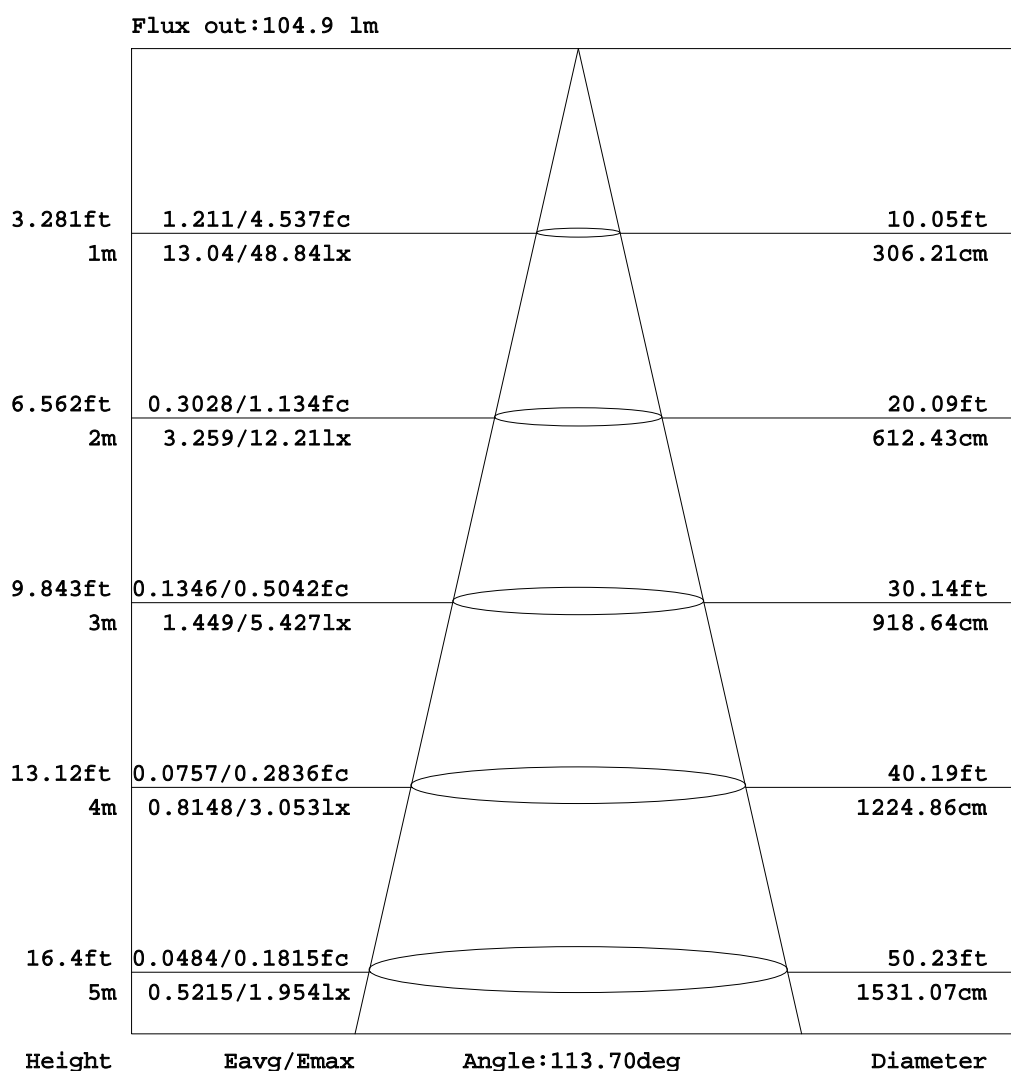


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-RGB-84-5050-1M-RTYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm PROTECTION ANGLE:



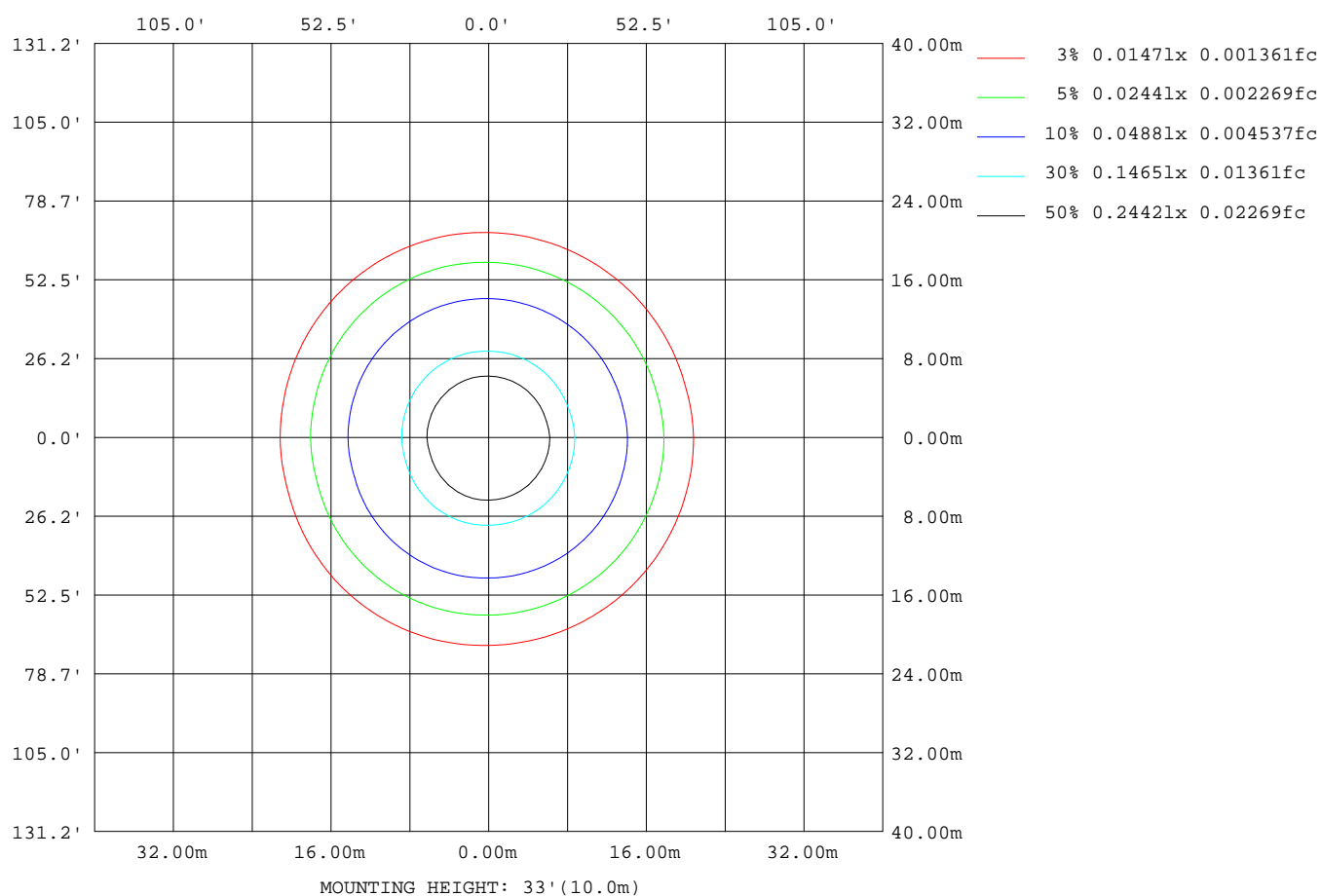
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-RGB-84-5050-1M-RTYPE:	WEIGHT:0.325Kg/m	
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-RGB-84-5050-1M-RTYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*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	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 deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	2665	2672	2687	2710	2737	2761	2780	2797	2811	2823	2847	2869	2881	2879	2864	2838	2809	2784	2770
60	2610	2618	2633	2654	2681	2703	2721	2744	2762	2776	2804	2829	2844	2846	2833	2808	2779	2751	2733
65	2545	2556	2572	2593	2619	2643	2664	2692	2714	2733	2768	2799	2816	2820	2808	2783	2752	2722	2701
70	2464	2475	2493	2517	2550	2578	2602	2635	2664	2691	2734	2771	2794	2802	2790	2761	2724	2686	2659
75	2328	2349	2372	2400	2445	2481	2511	2560	2601	2637	2700	2751	2778	2788	2771	2732	2690	2640	2599
80	2082	2118	2155	2199	2262	2315	2359	2434	2500	2559	2654	2727	2765	2787	2763	2699	2639	2563	2490
85	1484	1586	1654	1713	1842	1940	2007	2150	2277	2386	2576	2723	2792	2817	2764	2647	2535	2384	2241

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum	specified	maximum	specified
		calculated	maximum	measured	maximum
Category 1	55 to 90	2881	200	---	500
Category 2	65 to 90	2820	200	---	500
Category 3	75 to 90	2817	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:2018-08-20

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-RGB-84-5050-1M-RTYPE:	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	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
5	47.9	47.9	47.9	48.0	47.9	48.0	48.0	48.0	48.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
10	47.1	47.2	47.2	47.3	47.3	47.4	47.5	47.6	47.5	47.5	47.4	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.3
15	46.3	46.3	46.4	46.5	46.6	46.8	46.9	47.0	46.9	46.8	46.6	46.5	46.4	46.4	46.5	46.6	46.7	46.7	46.6
20	44.4	44.5	44.7	44.9	45.2	45.4	45.6	45.7	45.5	45.3	45.0	44.8	44.7	44.7	44.8	44.9	45.1	45.3	45.1
25	42.9	43.0	43.2	43.6	44.0	44.2	44.4	44.5	44.3	44.0	43.6	43.4	43.2	43.2	43.4	43.6	43.8	43.9	43.7
30	40.1	40.2	40.5	41.1	41.6	41.9	42.1	42.2	42.0	41.6	41.1	40.7	40.6	40.6	40.8	41.0	41.3	41.4	41.1
35	38.0	38.1	38.5	39.0	39.6	39.9	40.1	40.3	40.1	39.7	39.2	38.8	38.5	38.6	38.8	39.0	39.3	39.3	39.0
40	34.5	34.6	35.0	35.6	36.1	36.3	36.5	36.8	36.7	36.4	35.9	35.4	35.1	35.2	35.4	35.6	35.8	35.7	35.4
45	32.0	32.1	32.5	33.0	33.4	33.7	33.9	34.1	34.2	33.9	33.5	33.0	32.7	32.8	33.0	33.1	33.2	33.1	32.7
50	27.9	28.1	28.4	28.8	29.2	29.4	29.6	29.9	30.0	29.9	29.5	29.1	28.8	28.9	29.1	29.1	29.1	29.0	28.6
55	25.2	25.3	25.6	26.0	26.3	26.5	26.6	27.0	27.2	27.1	26.8	26.3	26.1	26.2	26.3	26.4	26.3	26.1	25.7
60	20.9	21.0	21.2	21.5	21.8	22.0	22.2	22.5	22.7	22.7	22.5	22.1	21.9	21.9	22.0	22.0	21.9	21.7	21.3
65	17.9	18.1	18.3	18.5	18.8	19.0	19.2	19.6	19.8	19.8	19.6	19.2	19.0	19.0	19.1	19.1	19.0	18.7	18.3
70	13.5	13.6	13.8	14.0	14.2	14.5	14.7	15.1	15.3	15.3	15.1	14.8	14.5	14.6	14.7	14.6	14.5	14.2	13.9
75	10.4	10.5	10.7	11.0	11.2	11.5	11.7	12.1	12.3	12.3	12.1	11.8	11.5	11.5	11.6	11.6	11.4	11.2	10.8
80	5.79	5.94	6.11	6.37	6.55	6.87	7.11	7.50	7.68	7.74	7.50	7.24	6.92	6.93	7.06	7.00	6.89	6.60	6.25
85	2.76	2.97	3.10	3.39	3.53	3.83	4.06	4.46	4.65	4.67	4.45	4.19	3.87	3.91	4.06	3.97	3.87	3.61	3.26
90	0.12	0.20	0.31	0.36	0.41	0.48	0.54	0.71	0.79	0.72	0.58	0.38	0.20	0.33	0.51	0.62	0.67	0.63	0.56
95	0.14	0.20	0.26	0.28	0.26	0.24	0.21	0.24	0.19	0.20	0.14	0.08	0.04	0.13	0.28	0.32	0.43	0.46	0.46
100	0.14	0.14	0.20	0.23	0.20	0.17	0.13	0.17	0.17	0.10	0.08	0.04	0.05	0.09	0.22	0.27	0.31	0.35	0.37
105	0.11	0.09	0.17	0.18	0.16	0.13	0.10	0.12	0.10	0.07	0.08	0.03	0.04	0.06	0.19	0.21	0.27	0.31	0.34
110	0.10	0.08	0.11	0.14	0.11	0.08	0.06	0.03	0.07	0.05	0.04	0.01	0.03	0.02	0.13	0.24	0.25	0.25	0.26
115	0.09	0.08	0.06	0.11	0.08	0.06	0.03	0.01	0.03	0.03	0.02	0.01	0.03	0.01	0.08	0.17	0.17	0.22	0.22
120	0.07	0.06	0.02	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.08	0.13	0.14	0.16
125	0.05	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.07	0.12	0.11
130	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
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:2018-08-20

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-RGB-84-5050-1M-RTYPE:	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	48.1	48.1	48.1	48.1	48.1														
5	47.9	47.9	47.9	47.9	47.9														
10	47.2	47.2	47.1	47.1	47.1														
15	46.5	46.4	46.3	46.2	46.2														
20	44.9	44.8	44.6	44.5	44.4														
25	43.5	43.3	43.1	43.0	42.9														
30	40.9	40.7	40.5	40.3	40.1														
35	38.7	38.6	38.3	38.2	38.0														
40	35.1	35.0	34.8	34.6	34.5														
45	32.5	32.3	32.2	32.1	32.0														
50	28.3	28.2	28.1	28.0	28.0														
55	25.4	25.3	25.2	25.2	25.2														
60	21.0	20.9	20.8	20.8	20.8														
65	18.0	17.9	17.9	17.8	17.9														
70	13.5	13.4	13.3	13.3	13.4														
75	10.5	10.4	10.3	10.3	10.3														
80	5.94	5.79	5.67	5.69	5.66														
85	3.01	2.87	2.74	2.73	2.69														
90	0.64	0.62	0.56	0.42	0.26														
95	0.54	0.55	0.49	0.37	0.21														
100	0.47	0.48	0.43	0.30	0.15														
105	0.43	0.44	0.39	0.27	0.11														
110	0.35	0.37	0.32	0.20	0.04														
115	0.30	0.32	0.27	0.14	0.03														
120	0.22	0.23	0.18	0.03	0.01														
125	0.16	0.16	0.08	0.00	0.01														
130	0.07	0.05	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:2018-08-20

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: