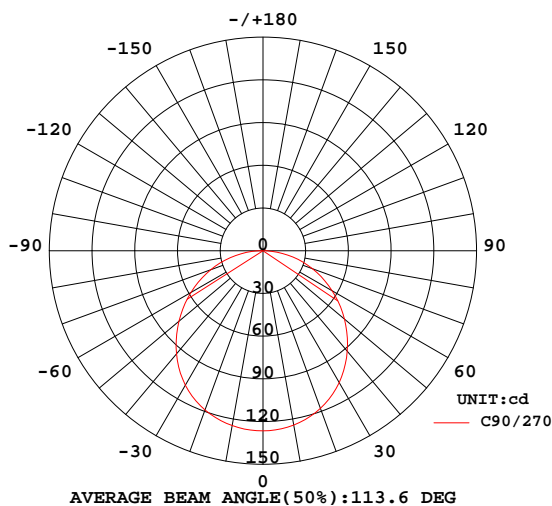


LUMINAIRE PHOTOMETRIC TEST REPORT

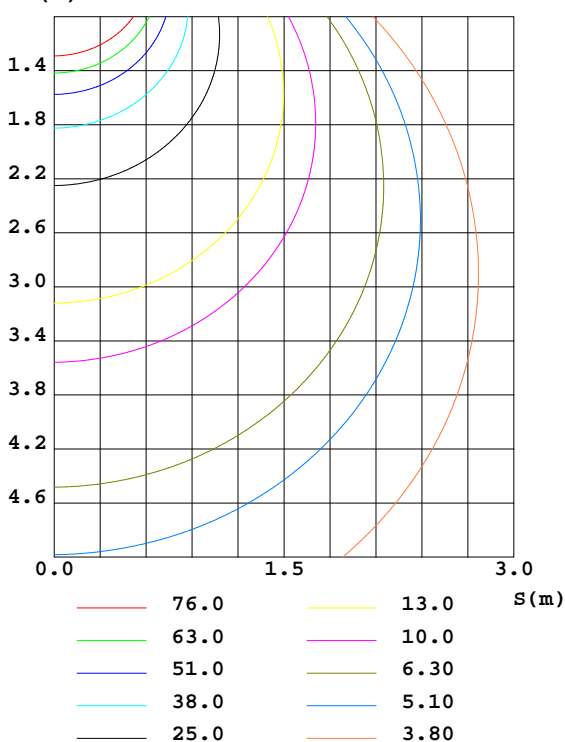
NAME: C-SFR-F22S-VB-D24CC-RGBW(4000K)-84-5050-1M-G	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.: SERIAL No.:
MFR.:	SUR.:16*1000mm PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 54.99 lm/W			
MODEL	5050	Imax(cd)	126.5	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6.89	LOR(%)	157.9	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	378.87	η UP,DN(C0-180)	1.0,78.5
NOMINAL FLUX(lm)	240	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,77.0
LAMPS INSIDE	1	η up(%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	155.6	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	123.7	124.0	124.7	125.0	124.6	124.6	124.3	123.6	0- 10	11.97	11.97	3.16,4.99
20	116.4	117.4	119.0	119.3	118.2	118.4	117.9	116.5	10- 20	34.34	46.31	12.2,19.3
30	105.1	106.7	109.0	109.5	107.6	108.0	107.0	105.1	20- 30	52.13	98.44	26,41
40	90.43	92.27	94.52	95.82	93.58	93.86	92.04	90.25	30- 40	62.88	161.3	42.6,67.2
50	73.37	75.01	77.03	78.92	76.97	77.00	74.67	72.92	40- 50	65.27	226.6	59.8,94.4
60	54.91	56.38	58.30	60.42	58.62	58.45	56.04	54.28	50- 60	59.59	286.2	75.5,119
70	35.66	37.16	39.13	41.16	39.42	39.21	37.04	35.08	60- 70	47.22	333.4	88,139
80	15.85	17.68	19.62	21.66	19.58	19.65	17.65	15.60	70- 80	29.85	363.2	95.9,151
90	0.5272	1.750	2.427	2.878	1.424	2.698	2.534	2.168	80- 90	10.08	373.3	98.5,156
100	0.5333	1.175	1.235	1.141	1.019	1.629	2.005	1.836	90-100	1.684	375.0	99,156
110	0.5147	0.9382	1.007	1.010	0.9573	1.427	1.713	1.442	100-110	1.295	376.3	99.3,157
120	0.4694	0.6368	0.7713	0.7406	0.8800	1.032	1.365	0.9785	110-120	0.9610	377.3	99.6,157
130	0.3149	0.3652	0.4665	0.4610	0.7892	0.6242	0.9712	0.4802	120-130	0.6302	377.9	99.7,157
140	0.2613	0.3599	0.2115	0.4557	0.6986	0.5012	0.4440	0.3811	130-140	0.3704	378.3	99.8,158
150	0.2960	0.3732	0.2891	0.4478	0.6159	0.4772	0.3401	0.3997	140-150	0.2566	378.5	99.9,158
160	0.3520	0.3893	0.3400	0.4424	0.5412	0.4745	0.3481	0.4157	150-160	0.1909	378.7	100,158
170	0.4053	0.4159	0.3855	0.4370	0.4693	0.4559	0.3909	0.4157	160-170	0.1188	378.8	100,158
180	0.4373	0.4425	0.4203	0.4264	0.4320	0.4399	0.4203	0.4184	170-180	0.0406	378.9	100,158
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

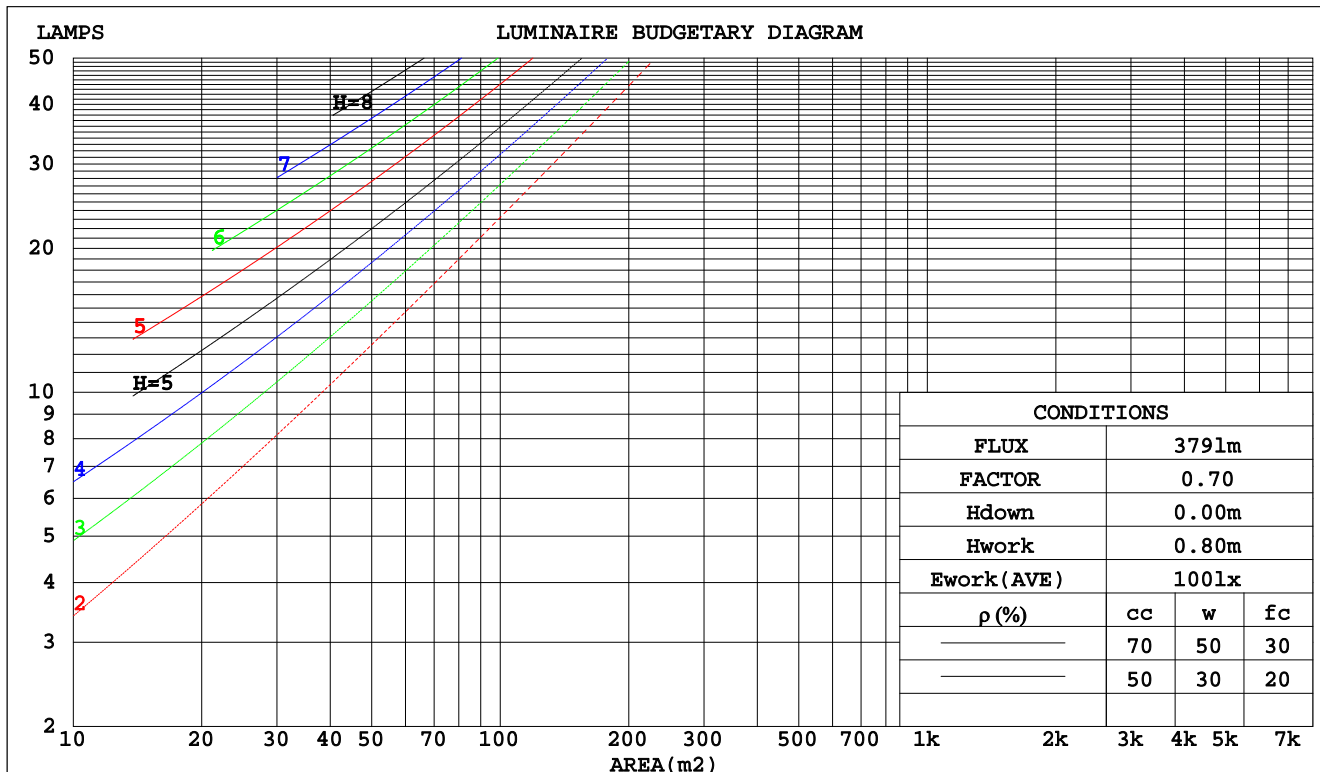
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-21

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-G	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	1.87	1.87	1.87	1.83	1.83	1.83	1.74	1.74	1.74	1.66	1.66	1.66	1.59	1.59	1.59	1.56
1.0	1.62	1.55	1.49	1.58	1.52	1.46	1.51	1.46	1.41	1.45	1.40	1.36	1.39	1.35	1.32	1.28
2.0	1.41	1.30	1.20	1.38	1.27	1.19	1.32	1.23	1.16	1.26	1.19	1.13	1.21	1.15	1.10	1.06
3.0	1.23	1.10	.99	1.21	1.08	.98	1.16	1.05	.96	1.11	1.02	.94	1.06	.99	.92	.89
4.0	1.09	.95	.84	1.07	.94	.83	1.02	.91	.82	.98	.89	.80	.95	.86	.79	.76
5.0	.97	.83	.72	.95	.82	.72	.92	.80	.71	.88	.78	.70	.85	.76	.69	.65
6.0	.87	.73	.63	.86	.72	.62	.83	.71	.62	.80	.69	.61	.77	.68	.60	.57
7.0	.79	.65	.55	.78	.65	.55	.75	.63	.55	.73	.62	.54	.70	.61	.53	.50
8.0	.72	.59	.49	.71	.58	.49	.69	.57	.49	.67	.56	.48	.65	.55	.48	.45
9.0	.66	.53	.44	.65	.53	.44	.63	.52	.44	.61	.51	.43	.60	.50	.43	.40
10.0	.61	.49	.40	.60	.48	.40	.58	.47	.40	.57	.47	.39	.55	.46	.39	.36



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-G	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	.510 .290 .092	.498 .284 .090	.476 .273 .087	.455 .263 .084	.436 .253 .082	
2.0	.474 .260 .080	.463 .255 .079	.443 .246 .077	.425 .238 .075	.408 .231 .073	
3.0	.435 .232 .069	.426 .228 .069	.408 .221 .067	.392 .215 .066	.377 .209 .065	
4.0	.400 .208 .061	.391 .205 .061	.376 .199 .060	.361 .194 .059	.348 .189 .058	
5.0	.368 .188 .054	.361 .185 .054	.347 .181 .053	.334 .176 .052	.322 .172 .052	
6.0	.341 .171 .049	.334 .169 .049	.322 .165 .048	.310 .161 .047	.299 .158 .047	
7.0	.317 .157 .044	.311 .155 .044	.300 .151 .044	.289 .148 .043	.279 .145 .043	
8.0	.295 .144 .041	.290 .143 .040	.280 .140 .040	.271 .137 .040	.262 .134 .039	
9.0	.276 .134 .037	.272 .132 .037	.263 .130 .037	.254 .127 .036	.246 .125 .036	
10.0	.260 .124 .035	.255 .123 .034	.247 .121 .034	.239 .119 .034	.232 .117 .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	.318 .318 .318	.272 .272 .272	.186 .186 .186	.107 .107 .107	.034 .034 .034	
1.0	.304 .264 .228	.260 .227 .196	.178 .156 .136	.102 .090 .079	.033 .029 .026	
2.0	.292 .226 .171	.250 .195 .148	.171 .135 .103	.099 .078 .060	.032 .025 .020	
3.0	.279 .198 .134	.240 .171 .116	.164 .119 .081	.095 .069 .048	.031 .023 .016	
4.0	.267 .178 .109	.229 .153 .095	.158 .107 .067	.091 .063 .040	.029 .020 .013	
5.0	.255 .161 .092	.219 .140 .080	.151 .097 .056	.088 .057 .033	.028 .019 .011	
6.0	.244 .148 .079	.210 .128 .069	.145 .090 .049	.084 .053 .029	.027 .017 .010	
7.0	.233 .137 .070	.200 .119 .061	.138 .083 .043	.080 .049 .026	.026 .016 .009	
8.0	.223 .128 .063	.192 .111 .055	.133 .078 .039	.077 .046 .023	.025 .015 .008	
9.0	.213 .120 .058	.183 .104 .050	.127 .073 .036	.074 .043 .021	.024 .014 .007	
10.0	.204 .114 .054	.176 .099 .047	.122 .069 .033	.071 .041 .020	.023 .013 .007	

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-G						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		19.5	21.0	19.8	21.2	21.5	19.7	21.2	20.0	21.5	21.7
3H		21.1	22.5	21.4	22.8	23.0	21.4	22.8	21.7	23.1	23.3
4H		21.8	23.1	22.1	23.4	23.7	22.2	23.5	22.5	23.8	24.1
6H		22.3	23.5	22.6	23.8	24.1	22.8	24.0	23.1	24.3	24.7
8H		22.4	23.6	22.8	23.9	24.3	23.0	24.2	23.4	24.5	24.9
12H		22.5	23.7	22.9	24.0	24.3	23.2	24.4	23.6	24.7	25.0
4H 2H		20.1	21.5	20.5	21.8	22.0	20.3	21.7	20.6	21.9	22.2
3H		21.9	23.1	22.3	23.4	23.8	22.2	23.4	22.6	23.7	24.0
4H		22.7	23.8	23.1	24.2	24.5	23.1	24.2	23.5	24.5	24.9
6H		23.4	24.3	23.8	24.7	25.1	23.9	24.8	24.3	25.2	25.6
8H		23.6	24.5	24.0	24.9	25.3	24.2	25.1	24.6	25.5	25.9
12H		23.7	24.5	24.2	24.9	25.4	24.4	25.2	24.8	25.6	26.1
8H 4H		23.1	24.0	23.5	24.4	24.8	23.4	24.3	23.8	24.7	25.1
6H		23.9	24.6	24.4	25.1	25.5	24.3	25.1	24.8	25.5	26.0
8H		24.2	24.9	24.7	25.3	25.8	24.7	25.4	25.2	25.9	26.3
12H		24.4	25.0	24.9	25.4	25.9	25.1	25.6	25.6	26.1	26.6
12H 4H		23.1	23.9	23.6	24.4	24.8	23.4	24.2	23.9	24.6	25.1
6H		24.0	24.6	24.5	25.1	25.6	24.4	25.1	24.9	25.5	26.0
8H		24.3	24.9	24.8	25.4	25.9	24.9	25.4	25.4	25.9	26.4
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 240.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.0)

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

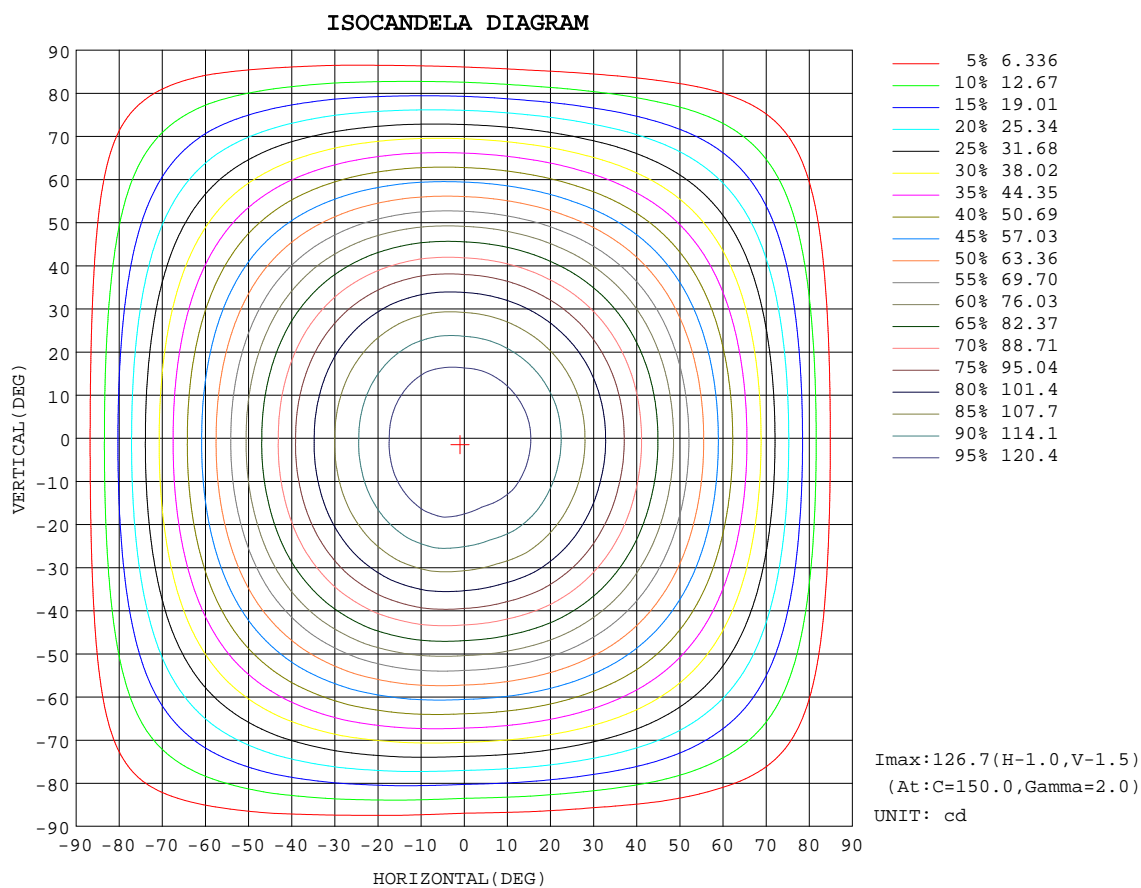
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	89	70	59	88	70	59	86	69	59	49
0.80	105	86	74	103	85	74	100	84	73	62
1.00	118	100	88	116	99	87	112	101	87	75
1.25	129	112	100	126	111	99	122	108	98	86
1.50	137	121	109	134	119	108	129	116	107	94
2.00	148	134	123	145	132	122	139	128	119	106
2.50	154	141	131	151	139	130	144	134	127	113
3.00	159	148	139	156	145	137	149	141	133	119
4.00	166	157	149	162	154	146	155	148	142	127
5.00	170	162	155	166	159	152	158	153	147	132
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-G	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:16*1000mm	

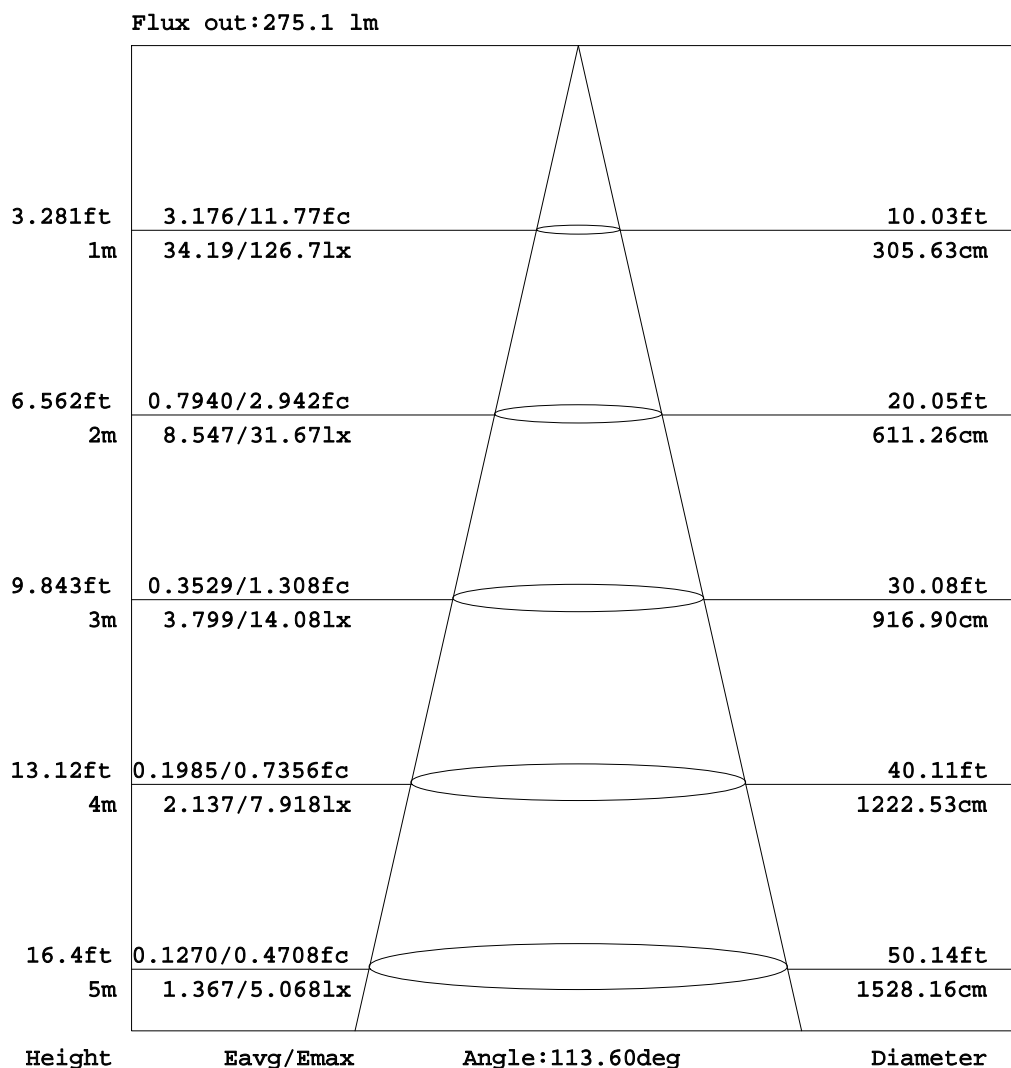


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-21

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



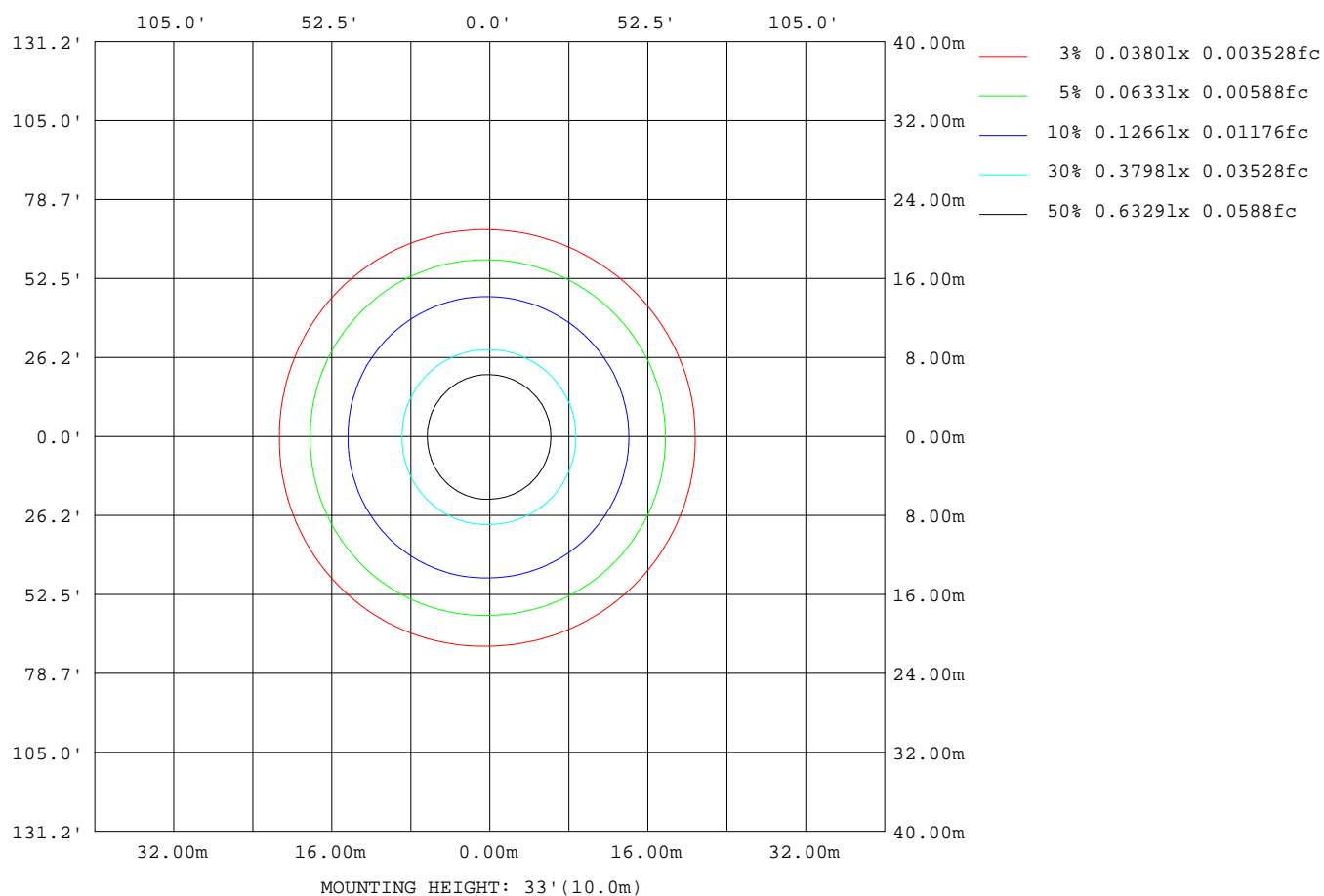
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-G	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-G	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	240	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	7003	7021	7051	7091	7141	7202	7265	7312	7346	7383	7467	7548	7602	7613	7597	7561	7502	7447	7411
60	6864	6890	6922	6962	7017	7081	7146	7206	7248	7288	7383	7476	7540	7557	7541	7503	7443	7378	7328
65	6708	6743	6781	6826	6891	6961	7033	7107	7160	7208	7322	7431	7503	7523	7507	7464	7401	7327	7264
70	6517	6559	6609	6669	6748	6835	6926	7016	7085	7150	7286	7419	7511	7529	7506	7455	7374	7280	7204
75	6227	6302	6371	6447	6565	6680	6788	6925	7021	7098	7285	7459	7572	7604	7566	7478	7381	7255	7139
80	5704	5845	5960	6073	6266	6438	6581	6783	6936	7062	7346	7597	7750	7805	7747	7599	7442	7239	7046
85	4317	4653	4909	5144	5545	5883	6148	6550	6828	7038	7614	8099	8358	8460	8321	7994	7704	7290	6872

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	8460	200	---	500
Category 2	65 to 90	8460	200	---	500
Category 3	75 to 90	8460	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-G	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
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	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
5	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
10	124	124	124	124	124	124	125	125	125	125	125	125	125	125	125	125	125	125	124
15	121	121	122	122	122	122	123	123	123	123	123	123	123	123	123	123	123	123	122
20	116	117	117	117	118	118	119	120	120	119	119	118	118	118	118	118	119	119	118
25	112	112	113	114	114	115	116	116	116	116	115	115	114	114	115	115	115	115	114
30	105	105	106	107	108	108	109	110	110	110	109	108	108	108	108	108	108	108	107
35	99.6	99.8	100	101	103	103	104	105	105	104	104	103	102	102	103	103	103	103	101
40	90.4	90.7	91.3	92.3	93.4	93.9	94.5	95.6	96.0	95.8	95.1	94.2	93.6	93.7	93.9	93.9	93.8	93.4	92.0
45	83.9	84.1	84.8	85.6	86.7	87.3	87.8	88.9	89.5	89.4	88.7	87.8	87.2	87.3	87.4	87.3	87.2	86.7	85.3
50	73.4	73.6	74.2	75.0	76.0	76.5	77.0	78.2	79.0	78.9	78.4	77.6	77.0	77.1	77.1	77.0	76.7	76.0	74.7
55	66.1	66.4	66.9	67.6	68.6	69.1	69.6	70.8	71.6	71.7	71.2	70.4	69.9	69.9	70.0	69.7	69.3	68.6	67.4
60	54.9	55.2	55.7	56.4	57.2	57.9	58.3	59.5	60.3	60.4	60.0	59.3	58.6	58.7	58.7	58.5	58.0	57.3	56.0
65	47.3	47.7	48.1	48.8	49.5	50.2	50.7	51.8	52.7	52.8	52.4	51.7	51.0	51.1	51.1	50.8	50.4	49.7	48.5
70	35.7	36.0	36.5	37.2	37.9	38.6	39.1	40.3	41.1	41.2	40.8	40.1	39.4	39.4	39.6	39.2	38.9	38.2	37.0
75	27.8	28.2	28.7	29.4	30.1	30.9	31.3	32.5	33.3	33.4	32.9	32.3	31.5	31.6	31.7	31.5	31.1	30.3	29.3
80	15.8	16.4	16.9	17.7	18.3	19.1	19.6	20.8	21.5	21.7	21.1	20.4	19.6	19.6	19.9	19.6	19.4	18.5	17.7
85	7.94	8.57	9.08	9.89	10.5	11.3	11.8	12.9	13.6	13.7	13.1	12.4	11.5	11.8	12.0	11.8	11.5	10.8	9.95
90	0.53	0.90	1.33	1.75	2.05	2.32	2.43	2.80	2.93	2.88	2.57	2.01	1.42	1.87	2.39	2.70	2.83	2.77	2.53
95	0.52	0.76	1.10	1.34	1.46	1.47	1.41	1.40	1.32	1.35	1.33	1.13	0.97	1.26	1.64	1.94	2.18	2.26	2.18
100	0.53	0.64	0.95	1.18	1.30	1.30	1.23	1.17	1.18	1.14	1.14	1.02	1.02	1.14	1.43	1.63	1.79	2.09	2.01
105	0.51	0.57	0.87	1.07	1.19	1.19	1.14	1.05	1.07	1.10	1.07	0.97	0.99	1.03	1.35	1.55	1.66	1.98	1.91
110	0.51	0.55	0.75	0.94	1.05	1.05	1.01	0.88	0.94	1.01	0.96	0.85	0.89	1.18	1.43	1.43	1.41	1.73	1.71
115	0.50	0.54	0.59	0.85	0.95	0.95	0.91	0.85	0.87	0.91	0.86	0.83	0.93	0.87	1.04	1.26	1.44	1.42	1.58
120	0.47	0.51	0.50	0.64	0.79	0.80	0.77	0.69	0.76	0.74	0.65	0.80	0.88	0.83	0.80	1.03	1.18	1.22	1.37
125	0.43	0.47	0.46	0.48	0.67	0.70	0.67	0.59	0.63	0.58	0.63	0.79	0.85	0.80	0.70	0.87	1.00	1.10	1.22
130	0.31	0.39	0.41	0.37	0.39	0.46	0.47	0.42	0.42	0.46	0.62	0.75	0.79	0.76	0.65	0.62	0.76	0.82	0.97
135	0.27	0.35	0.37	0.36	0.33	0.30	0.28	0.25	0.31	0.46	0.59	0.71	0.75	0.72	0.63	0.53	0.58	0.61	0.76
140	0.26	0.32	0.36	0.36	0.32	0.25	0.21	0.24	0.32	0.46	0.58	0.66	0.70	0.67	0.59	0.50	0.42	0.38	0.44
145	0.27	0.32	0.35	0.37	0.34	0.28	0.24	0.27	0.35	0.46	0.54	0.63	0.67	0.65	0.58	0.48	0.40	0.32	0.33
150	0.30	0.33	0.36	0.37	0.36	0.33	0.29	0.30	0.36	0.45	0.54	0.59	0.62	0.61	0.56	0.48	0.40	0.34	0.34
155	0.32	0.34	0.37	0.38	0.37	0.35	0.30	0.33	0.37	0.46	0.52	0.56	0.59	0.58	0.54	0.49	0.40	0.35	0.36
160	0.35	0.37	0.38	0.39	0.39	0.37	0.34	0.35	0.38	0.44	0.49	0.53	0.54	0.54	0.50	0.47	0.43	0.37	0.35
165	0.37	0.38	0.39	0.40	0.40	0.38	0.36	0.37	0.40	0.44	0.47	0.50	0.51	0.51	0.49	0.46	0.43	0.37	0.36
170	0.41	0.41	0.41	0.42	0.42	0.41	0.39	0.39	0.41	0.44	0.46	0.47	0.47	0.48	0.46	0.46	0.44	0.39	0.39
175	0.41	0.42	0.42	0.42	0.43	0.41	0.41	0.41	0.41	0.43	0.45	0.46	0.45	0.45	0.45	0.45	0.43	0.42	0.41
180	0.44	0.44	0.44	0.44	0.44	0.43	0.42	0.42	0.41	0.43	0.43	0.43	0.43	0.44	0.43	0.44	0.44	0.43	0.42

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

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	126	126	126	126	126													
5	126	126	126	126	126													
10	124	124	124	124	124													
15	122	121	121	121	121													
20	117	117	116	116	116													
25	113	113	112	112	112													
30	106	105	105	105	105													
35	100	99.8	99.5	99.5	99.4													
40	91.1	90.4	90.2	90.2	90.4													
45	84.3	83.6	83.5	83.6	83.8													
50	73.6	73.0	72.9	73.1	73.3													
55	66.3	65.7	65.6	65.8	66.0													
60	55.0	54.3	54.3	54.4	54.7													
65	47.4	46.8	46.7	46.8	47.1													
70	35.9	35.3	35.1	35.3	35.5													
75	28.3	27.5	27.4	27.5	27.7													
80	16.5	15.9	15.6	15.8	15.8													
85	8.90	8.23	8.03	8.06	8.06													
90	2.40	2.36	2.17	1.81	1.34													
95	2.19	2.21	2.02	1.68	1.21													
100	2.00	2.02	1.84	1.49	1.05													
105	1.89	1.89	1.69	1.37	0.92													
110	1.67	1.65	1.44	1.11	0.68													
115	1.53	1.49	1.27	0.90	0.58													
120	1.31	1.24	0.98	0.55	0.41													
125	1.15	1.08	0.77	0.42	0.36													
130	0.89	0.79	0.48	0.39	0.34													
135	0.68	0.59	0.40	0.38	0.35													
140	0.39	0.41	0.38	0.39	0.36													
145	0.33	0.39	0.39	0.40	0.36													
150	0.35	0.38	0.40	0.40	0.38													
155	0.36	0.38	0.41	0.41	0.38													
160	0.38	0.38	0.42	0.41	0.41													
165	0.39	0.40	0.41	0.42	0.42													
170	0.41	0.41	0.42	0.42	0.42													
175	0.42	0.41	0.41	0.42	0.43													
180	0.42	0.43	0.42	0.43	0.44													

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: