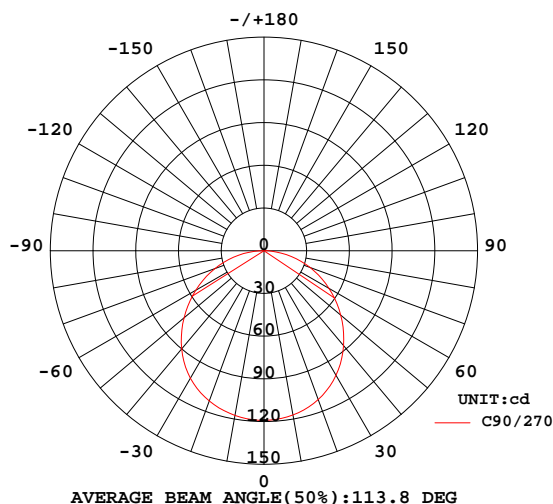


LUMINAIRE PHOTOMETRIC TEST REPORT

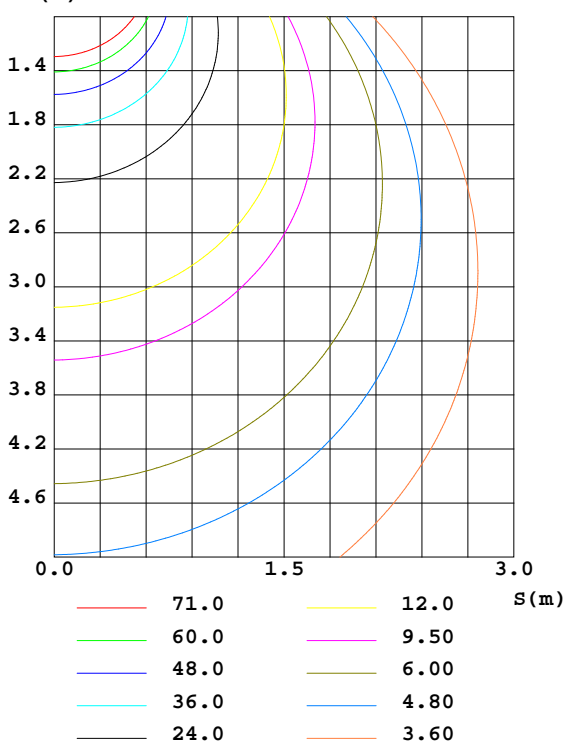
NAME: C-SFR-F22S-VB-D24CC-RGB-84-5050-1M-G	WEIGHT: 325g/m
DIM.:	SPEC.: 16*17
MFR.:	SUR.: 16*1000
	SERIAL No.:
	PROTECTION ANGLE: /

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 51.72 lm/W
MODEL	5050	Imax(cd)	119.2	S/MH(C0/180)	1.24	
NOMINAL POWER(W)	6.9	LOR(%)	148.7	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	356.89	η UP,DN(C0-180)	0.9,74.0	
NOMINAL FLUX(lm)	240	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,72.7	
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	146.6	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: 2018-08-20

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	116.5	116.8	117.5	117.6	117.4	117.4	117.1	116.7	0- 10	11.28	11.28	3.16,4.7
20	109.8	110.8	112.3	112.2	111.4	111.7	111.3	110.3	10- 20	32.37	43.64	12.2,18.2
30	99.19	100.9	103.4	103.1	101.5	101.9	101.1	99.92	20- 30	49.21	92.86	26,38.7
40	85.45	87.56	89.98	90.31	88.37	88.45	86.97	85.99	30- 40	59.46	152.3	42.7,63.5
50	69.45	71.23	73.31	74.28	72.68	72.37	70.38	69.64	40- 50	61.75	214.1	60,89.2
60	51.97	53.52	55.21	56.56	55.34	54.70	52.62	51.97	50- 60	56.31	270.4	75.8,113
70	33.76	35.19	36.80	38.21	37.12	36.40	34.49	33.68	60- 70	44.47	314.8	88.2,131
80	14.93	16.69	18.16	19.54	18.34	17.70	16.07	15.15	70- 80	27.89	342.7	96,143
90	0.7770	1.590	1.986	2.437	1.418	2.042	2.073	2.019	80- 90	9.203	351.9	98.6,147
100	0.7320	1.147	0.9224	0.9276	0.9559	1.336	1.586	1.675	90-100	1.464	353.4	99,147
110	0.6631	0.9329	0.7333	0.7825	0.8568	1.127	1.356	1.412	100-110	1.130	354.5	99.3,148
120	0.5637	0.6880	0.5775	0.6447	0.7905	0.8442	1.032	1.066	110-120	0.8632	355.4	99.6,148
130	0.4337	0.4614	0.3758	0.4537	0.7164	0.5280	0.6969	0.5713	120-130	0.5886	356.0	99.7,148
140	0.3342	0.4283	0.1916	0.4180	0.6222	0.4386	0.3115	0.4309	130-140	0.3569	356.3	99.8,148
150	0.3494	0.4079	0.2554	0.4002	0.5533	0.4079	0.2871	0.3645	140-150	0.2434	356.6	99.9,149
160	0.3621	0.3926	0.3091	0.3951	0.4743	0.4207	0.2964	0.3568	150-160	0.1739	356.8	100,149
170	0.3672	0.3799	0.3346	0.3849	0.4207	0.4130	0.3449	0.3696	160-170	0.1065	356.9	100,149
180	0.3851	0.4028	0.3678	0.3874	0.3876	0.4028	0.3832	0.3849	170-180	0.0364	356.9	100,149
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

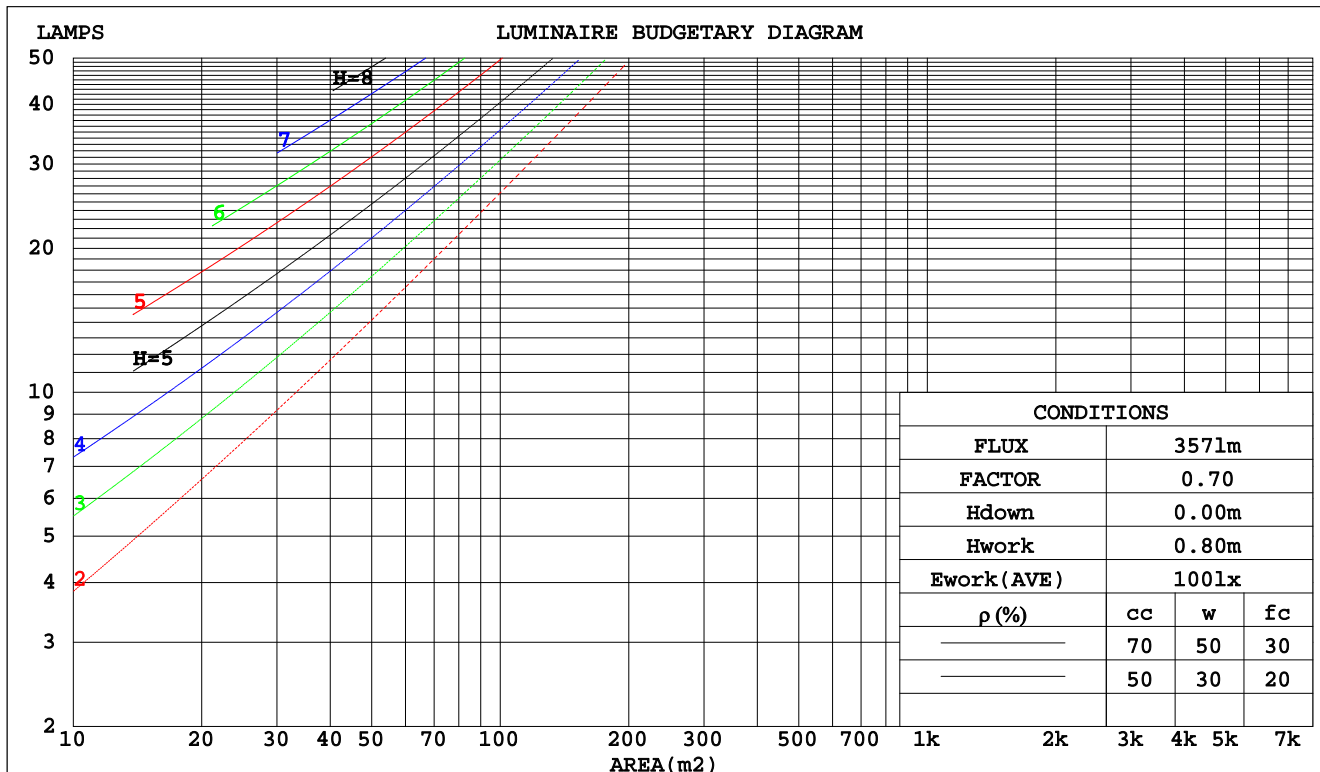
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-20

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-GTYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17
MFR.:	SUR.:16*1000
	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	1.77	1.77	1.77	1.72	1.72	1.72	1.64	1.64	1.64	1.57	1.57	1.57	1.50	1.50	1.50	1.47														
1.0	1.53	1.46	1.40	1.49	1.43	1.38	1.43	1.38	1.33	1.36	1.32	1.29	1.31	1.28	1.24	1.21														
2.0	1.33	1.22	1.14	1.30	1.20	1.12	1.24	1.16	1.09	1.19	1.12	1.06	1.14	1.08	1.04	1.00														
3.0	1.16	1.04	.94	1.14	1.02	.93	1.09	.99	.91	1.05	.96	.89	1.00	.93	.87	.84														
4.0	1.03	.89	.79	1.01	.88	.79	.97	.86	.77	.93	.84	.76	.89	.81	.75	.71														
5.0	.92	.78	.68	.90	.77	.68	.86	.75	.67	.83	.73	.66	.80	.72	.65	.61														
6.0	.82	.69	.59	.81	.68	.59	.78	.67	.58	.75	.65	.58	.73	.64	.57	.54														
7.0	.75	.62	.52	.73	.61	.52	.71	.60	.51	.69	.58	.51	.66	.57	.50	.47														
8.0	.68	.55	.47	.67	.55	.46	.65	.54	.46	.63	.53	.45	.61	.52	.45	.42														
9.0	.62	.50	.42	.62	.50	.42	.60	.49	.41	.58	.48	.41	.56	.47	.41	.38														
10.0	.58	.46	.38	.57	.45	.38	.55	.45	.37	.54	.44	.37	.52	.43	.37	.34														



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-GTYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17
MFR.:	SUR.:16*1000
	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	.479 .272 .086	.468 .267 .085	.447 .256 .082	.427 .246 .079	.410 .237 .077	
2.0	.445 .244 .075	.435 .240 .074	.417 .232 .072	.400 .224 .070	.384 .217 .068	
3.0	.409 .218 .065	.401 .215 .065	.384 .208 .063	.369 .202 .062	.355 .196 .061	
4.0	.376 .195 .057	.368 .193 .057	.354 .188 .056	.340 .183 .055	.327 .178 .054	
5.0	.347 .177 .051	.340 .174 .051	.327 .170 .050	.315 .166 .049	.303 .162 .049	
6.0	.321 .161 .046	.315 .159 .046	.303 .155 .045	.292 .152 .045	.282 .148 .044	
7.0	.298 .147 .042	.293 .146 .042	.282 .143 .041	.272 .140 .041	.263 .137 .040	
8.0	.278 .136 .038	.273 .134 .038	.264 .132 .038	.255 .129 .037	.247 .127 .037	
9.0	.260 .126 .035	.256 .125 .035	.247 .122 .035	.239 .120 .034	.232 .118 .034	
10.0	.245 .117 .033	.241 .116 .032	.233 .114 .032	.226 .112 .032	.219 .110 .032	

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	.299 .299 .299	.256 .256 .256	.174 .174 .174	.100 .100 .100	.032 .032 .032	
1.0	.285 .248 .214	.244 .213 .184	.167 .146 .128	.096 .085 .074	.031 .027 .024	
2.0	.274 .212 .160	.234 .183 .139	.161 .126 .097	.093 .073 .057	.030 .024 .018	
3.0	.262 .186 .125	.225 .161 .109	.154 .112 .076	.089 .065 .045	.029 .021 .015	
4.0	.251 .166 .102	.215 .144 .089	.148 .100 .062	.086 .059 .037	.028 .019 .012	
5.0	.240 .151 .086	.206 .131 .075	.142 .091 .053	.082 .054 .031	.026 .017 .010	
6.0	.229 .139 .074	.197 .120 .064	.136 .084 .046	.079 .049 .027	.025 .016 .009	
7.0	.219 .128 .065	.188 .111 .057	.130 .078 .040	.075 .046 .024	.024 .015 .008	
8.0	.209 .120 .059	.180 .104 .051	.124 .073 .036	.072 .043 .022	.023 .014 .007	
9.0	.200 .113 .054	.172 .098 .047	.119 .069 .033	.069 .041 .020	.022 .013 .007	
10.0	.191 .106 .050	.165 .092 .043	.114 .065 .031	.067 .038 .018	.022 .013 .006	

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-GTYPE:						WEIGHT:325g/m				
DIM.:						SPEC.:16*17		SERIAL No.:		
MFR.:						SUR.:16*1000		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						19.3	20.8	19.6	21.0	21.3
4H						19.6	21.1	19.8	21.3	21.5
6H						20.9	22.3	21.2	22.6	22.8
8H						21.2	22.6	21.6	22.9	23.2
12H						21.6	22.9	21.9	23.2	23.5
4H						22.0	23.3	22.3	23.6	23.9
6H						22.1	23.3	22.4	23.6	23.9
8H						22.2	23.4	22.6	23.8	24.1
12H						22.3	23.5	22.7	23.8	24.1
4H						22.6	23.6	23.0	24.0	24.4
6H						22.9	24.0	23.3	24.3	24.7
8H						23.2	24.2	23.6	24.5	24.9
12H						23.4	24.3	23.8	24.7	25.1
4H						23.5	24.3	24.0	24.8	25.2
6H						23.7	24.6	24.1	25.0	25.4
8H						24.0	24.9	24.4	25.2	25.7
12H						24.2	24.8	24.7	25.2	25.7
4H						24.2	25.0	24.6	25.4	25.8
6H						24.5	25.2	25.0	25.6	26.1
8H						24.8	25.4	25.3	25.9	26.4
12H						24.9	25.7	25.6	26.1	26.4
4H						24.9	25.8	25.7	26.2	26.6
6H						25.1	26.0	25.9	26.5	26.9
8H						25.2	26.1	26.0	26.6	27.0
12H						25.3	26.2	26.1	26.7	27.1
4H						25.4	26.3	26.2	26.8	27.2
6H						25.5	26.4	26.3	26.9	27.3
8H						25.6	26.5	26.4	27.0	27.4
12H						25.7	26.6	26.5	27.1	27.5
Variations with the observer position at spacings:										
S = 1.0H						+ 0.1 / - 0.2				
1.5H						+ 0.2 / - 0.3				
2.0H						+ 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:2018-08-20

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-GTYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17
MFR.:	SUR.:16*1000
	SERIAL No.:
	PROTECTION ANGLE:/

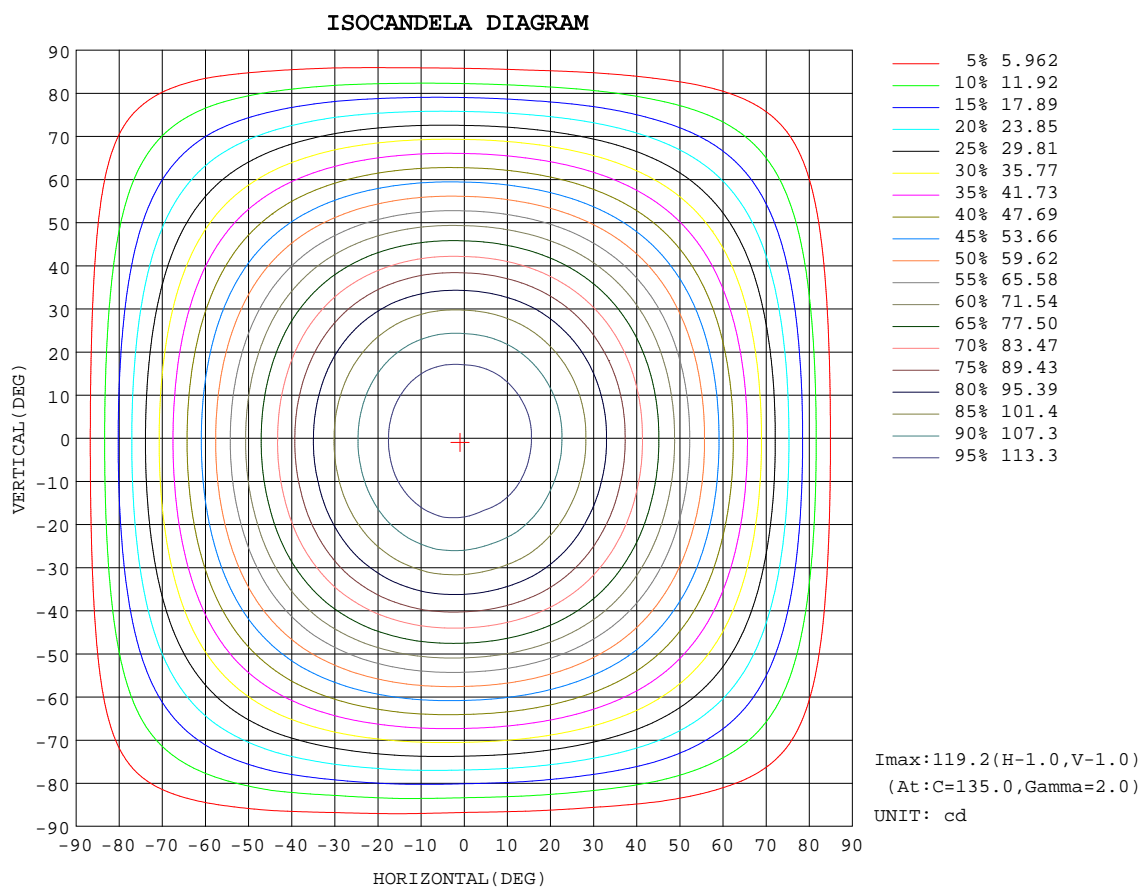
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	84	66	56	83	66	56	81	65	56	46
0.80	99	81	70	97	80	70	94	79	69	59
1.00	111	94	83	109	93	83	106	95	82	71
1.25	122	105	95	119	104	94	115	102	93	81
1.50	129	114	103	126	112	102	122	110	101	89
2.00	139	126	116	136	124	115	131	121	113	100
2.50	145	133	124	142	131	122	136	127	119	106
3.00	150	140	131	147	137	129	141	133	126	113
4.00	156	148	140	153	145	138	146	139	134	120
5.00	160	153	146	156	150	144	149	144	139	125
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-GTYPE:	WEIGHT: 325g/m
DIM.:	SPEC.: 16*17
MFR.:	SUR.: 16*1000
	SERIAL No.:
	PROTECTION ANGLE: /

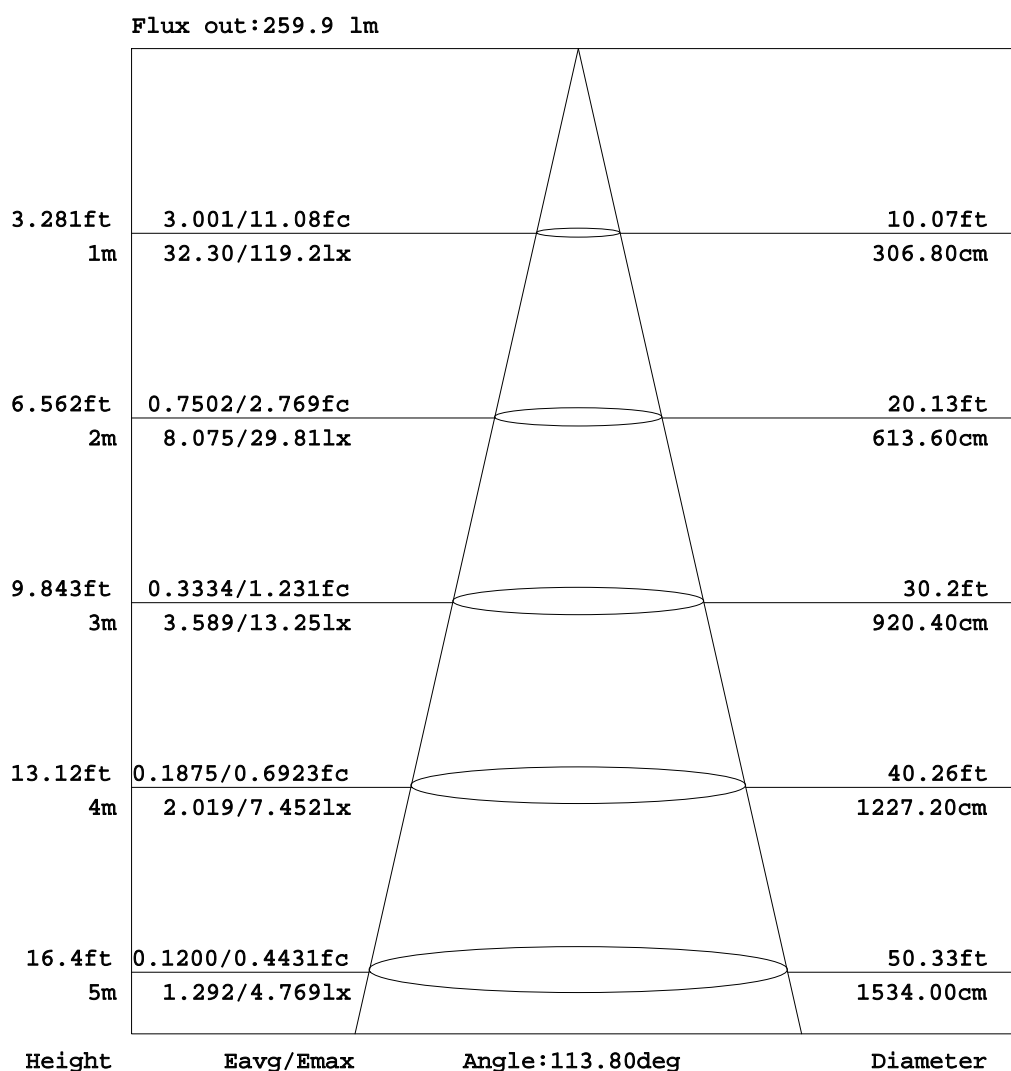


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-20

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-GTYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17
MFR.:	SUR.:16*1000
	PROTECTION ANGLE:/



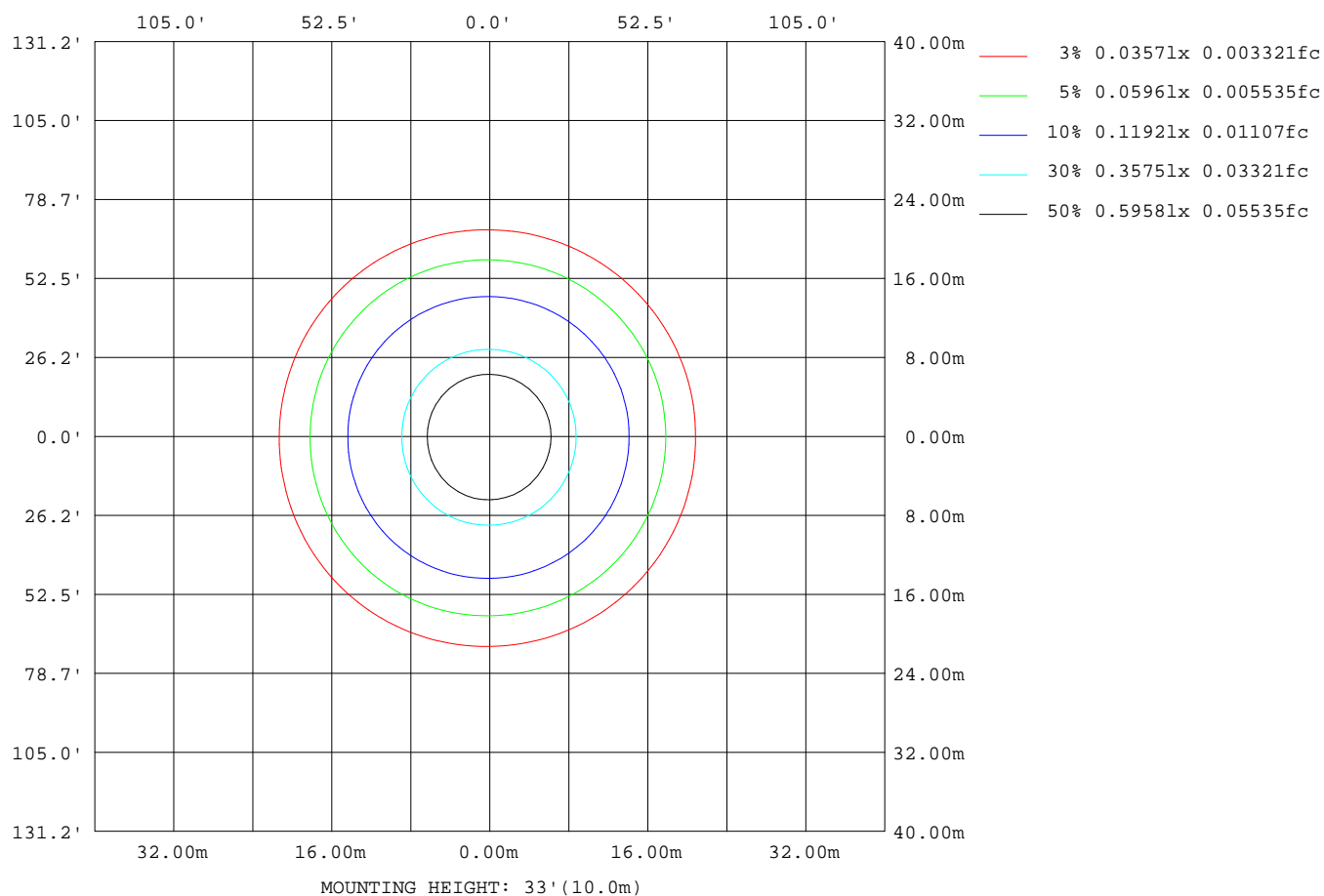
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-GTYPE:	WEIGHT: 325g/m
DIM.:	SPEC.: 16*17
MFR.:	SUR.: 16*1000
	SERIAL No.:
	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-GTYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17
MFR.:	SUR.:16*1000
	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	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	6629	6645	6676	6722	6780	6837	6891	6941	6980	7012	7059	7101	7132	7147	7134	7096	7049	7016	7002
60	6496	6518	6552	6597	6658	6717	6770	6827	6868	6901	6958	7011	7049	7069	7062	7031	6984	6944	6918
65	6348	6378	6418	6467	6532	6596	6656	6721	6770	6807	6875	6936	6980	7010	7009	6977	6928	6884	6854
70	6169	6204	6252	6313	6391	6468	6541	6620	6679	6724	6804	6879	6935	6974	6975	6937	6886	6830	6784
75	5884	5950	6016	6092	6207	6306	6385	6493	6575	6638	6752	6847	6908	6959	6959	6907	6842	6770	6706
80	5372	5490	5602	5725	5914	6062	6164	6323	6445	6537	6719	6856	6927	7012	7012	6922	6821	6707	6601
85	4093	4430	4681	4902	5276	5548	5715	6032	6265	6423	6775	6965	6988	7203	7245	7072	6911	6668	6402

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	7245	200	---	500
Category 2	65 to 90	7245	200	---	500
Category 3	75 to 90	7245	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-GTYPE:	WEIGHT: 325g/m
DIM.:	SPEC.: 16*17
MFR.:	SUR.: 16*1000
	PROTECTION ANGLE: /

Table--1

UNIT: cd

C(°) \ γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119
5	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119
10	117	117	117	117	117	117	117	118	118	118	118	117	117	117	117	117	117	117	117
15	114	114	115	115	115	115	116	116	116	116	116	116	116	116	116	116	116	116	115
20	110	110	110	111	111	112	112	113	112	112	112	112	111	111	112	112	112	112	111
25	106	106	107	107	108	109	109	110	109	109	108	108	108	108	108	108	108	108	108
30	99.2	99.4	100.0	101	102	103	103	104	104	103	102	102	102	102	102	102	102	102	101
35	94.0	94.3	95.0	96.0	97.1	97.9	98.5	98.9	98.8	98.4	97.6	96.9	96.6	96.6	96.8	96.9	96.9	96.6	95.9
40	85.4	85.8	86.5	87.6	88.6	89.4	90.0	90.5	90.6	90.3	89.5	88.7	88.4	88.4	88.5	88.5	88.2	87.8	87.0
45	79.3	79.6	80.3	81.3	82.3	83.1	83.6	84.1	84.4	84.2	83.5	82.7	82.3	82.3	82.4	82.3	81.9	81.4	80.5
50	69.5	69.7	70.3	71.2	72.1	72.8	73.3	73.9	74.3	74.3	73.7	73.0	72.7	72.7	72.6	72.4	71.9	71.3	70.4
55	62.6	62.8	63.4	64.3	65.0	65.7	66.2	66.8	67.3	67.3	66.9	66.2	66.0	65.8	65.8	65.4	65.0	64.3	63.5
60	52.0	52.3	52.8	53.5	54.2	54.8	55.2	55.9	56.4	56.6	56.2	55.7	55.3	55.3	55.1	54.7	54.1	53.4	52.6
65	44.7	45.0	45.5	46.2	46.8	47.5	47.9	48.6	49.0	49.3	49.0	48.5	48.2	48.0	47.8	47.4	46.9	46.2	45.4
70	33.8	34.1	34.5	35.2	35.8	36.4	36.8	37.5	37.9	38.2	38.0	37.5	37.1	37.0	36.8	36.4	35.9	35.2	34.5
75	26.3	26.7	27.1	27.8	28.3	29.0	29.4	30.1	30.5	30.7	30.5	30.1	29.6	29.5	29.4	28.9	28.5	27.8	27.1
80	14.9	15.4	15.9	16.7	17.1	17.8	18.2	18.9	19.2	19.5	19.2	18.8	18.3	18.1	18.1	17.7	17.3	16.6	16.1
85	7.48	8.13	8.61	9.41	9.78	10.4	10.8	11.5	11.5	12.1	11.7	11.4	10.8	10.7	10.7	10.4	9.98	9.38	8.81
90	0.78	1.06	1.32	1.59	1.73	1.88	1.99	2.27	2.32	2.44	2.19	1.84	1.42	1.61	1.90	2.04	2.17	2.17	2.07
95	0.75	0.96	1.17	1.33	1.30	1.18	1.08	1.10	1.19	1.13	1.10	1.02	0.92	1.10	1.38	1.44	1.58	1.76	1.75
100	0.73	0.84	1.02	1.15	1.14	1.01	0.92	0.96	0.98	0.93	0.97	0.93	0.96	0.98	1.20	1.34	1.41	1.43	1.59
105	0.71	0.75	0.95	1.05	1.05	0.94	0.84	0.87	0.88	0.84	0.93	0.87	0.88	0.90	1.15	1.20	1.34	1.33	1.50
110	0.66	0.72	0.83	0.93	0.93	0.83	0.73	0.75	0.75	0.78	0.84	0.80	0.86	0.80	0.99	1.13	1.19	1.19	1.36
115	0.63	0.68	0.68	0.85	0.85	0.75	0.67	0.68	0.68	0.76	0.77	0.78	0.83	0.77	0.87	1.03	1.09	1.11	1.25
120	0.56	0.62	0.58	0.69	0.72	0.65	0.58	0.58	0.57	0.64	0.64	0.75	0.79	0.73	0.67	0.84	0.86	0.98	1.03
125	0.51	0.58	0.55	0.53	0.63	0.56	0.51	0.51	0.50	0.55	0.61	0.73	0.76	0.71	0.62	0.72	0.80	0.87	0.90
130	0.43	0.51	0.49	0.46	0.40	0.41	0.38	0.38	0.39	0.45	0.59	0.69	0.72	0.66	0.57	0.53	0.61	0.62	0.70
135	0.39	0.45	0.45	0.45	0.37	0.27	0.23	0.24	0.32	0.44	0.57	0.66	0.67	0.64	0.55	0.49	0.46	0.49	0.54
140	0.33	0.39	0.43	0.43	0.35	0.25	0.19	0.22	0.31	0.42	0.54	0.62	0.62	0.59	0.51	0.44	0.37	0.31	0.31
145	0.34	0.39	0.42	0.42	0.36	0.27	0.21	0.23	0.31	0.41	0.51	0.59	0.60	0.57	0.49	0.43	0.35	0.29	0.28
150	0.35	0.39	0.40	0.41	0.36	0.30	0.26	0.26	0.33	0.40	0.50	0.54	0.55	0.53	0.48	0.41	0.34	0.28	0.29
155	0.35	0.38	0.39	0.40	0.36	0.31	0.28	0.28	0.33	0.41	0.48	0.52	0.52	0.50	0.47	0.43	0.34	0.29	0.29
160	0.36	0.37	0.38	0.39	0.36	0.34	0.31	0.31	0.34	0.40	0.45	0.47	0.47	0.47	0.44	0.42	0.36	0.31	0.30
165	0.37	0.38	0.39	0.38	0.36	0.35	0.32	0.31	0.36	0.39	0.44	0.45	0.45	0.45	0.43	0.42	0.37	0.33	0.31
170	0.37	0.37	0.37	0.38	0.38	0.37	0.33	0.34	0.37	0.38	0.42	0.43	0.42	0.42	0.41	0.41	0.40	0.35	0.34
175	0.37	0.37	0.37	0.39	0.39	0.38	0.36	0.35	0.37	0.38	0.41	0.41	0.40	0.40	0.40	0.40	0.40	0.38	0.36
180	0.39	0.39	0.39	0.40	0.40	0.40	0.37	0.37	0.38	0.39	0.40	0.40	0.39	0.39	0.40	0.40	0.41	0.40	0.38

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-GTYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17
MFR.:	SUR.:16*1000
	SERIAL No.:
	PROTECTION ANGLE:/

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	119	119	119	119	119														
5	119	119	119	119	119														
10	117	117	117	117	117														
15	115	115	115	114	114														
20	111	111	110	110	110														
25	107	107	107	106	106														
30	101	100	99.9	99.6	99.3														
35	95.3	95.1	94.7	94.4	94.1														
40	86.6	86.3	86.0	85.7	85.6														
45	80.1	79.9	79.7	79.5	79.4														
50	70.0	69.8	69.6	69.5	69.5														
55	63.0	62.8	62.7	62.7	62.7														
60	52.2	52.0	52.0	51.9	52.0														
65	45.0	44.8	44.7	44.7	44.8														
70	34.1	33.9	33.7	33.8	33.8														
75	26.7	26.5	26.3	26.3	26.3														
80	15.6	15.4	15.2	15.1	15.0														
85	8.39	8.20	8.02	7.94	7.81														
90	2.10	2.13	2.02	1.75	1.37														
95	1.81	1.89	1.83	1.61	1.25														
100	1.64	1.73	1.67	1.46	1.10														
105	1.55	1.62	1.58	1.35	0.98														
110	1.37	1.46	1.41	1.19	0.81														
115	1.27	1.34	1.28	1.04	0.76														
120	1.08	1.13	1.07	0.74	0.68														
125	0.95	0.97	0.87	0.66	0.63														
130	0.72	0.72	0.57	0.57	0.54														
135	0.54	0.48	0.50	0.50	0.48														
140	0.32	0.38	0.43	0.43	0.41														
145	0.30	0.36	0.39	0.39	0.38														
150	0.30	0.34	0.36	0.36	0.35														
155	0.30	0.33	0.36	0.35	0.34														
160	0.32	0.33	0.36	0.35	0.35														
165	0.33	0.34	0.36	0.35	0.36														
170	0.35	0.35	0.37	0.36	0.37														
175	0.36	0.36	0.38	0.36	0.38														
180	0.38	0.38	0.38	0.38	0.40														

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: