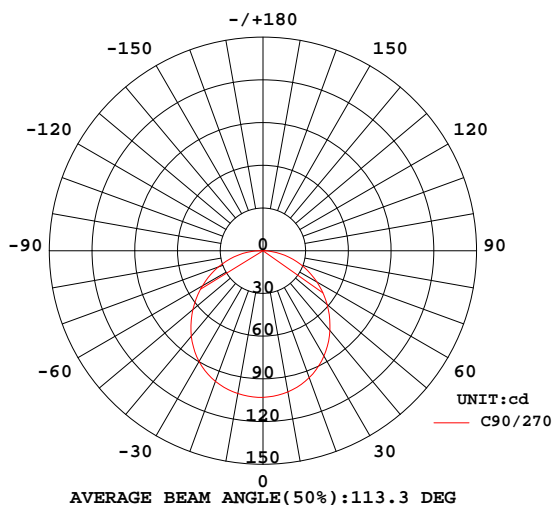


LUMINAIRE PHOTOMETRIC TEST REPORT

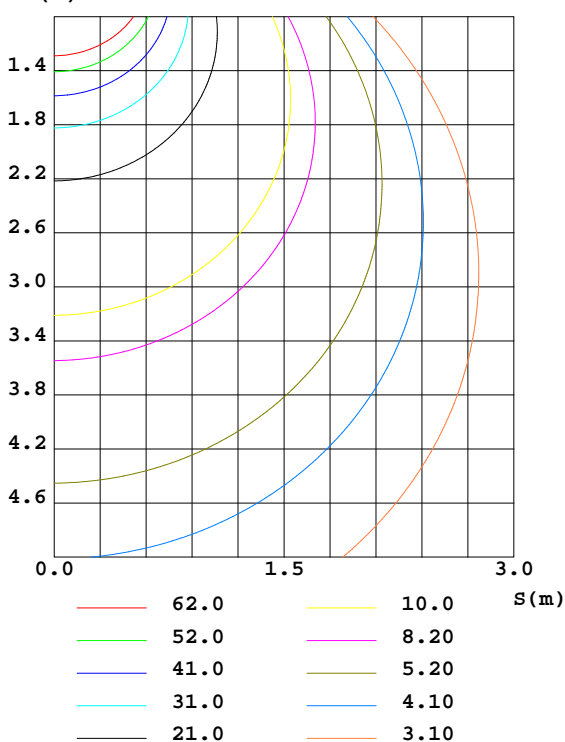
NAME: C-SFR-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-RGB	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 32.28 lm/W			
MODEL	5050	Imax(cd)	103.2	S/MH(C0/180)	1.24
NOMINAL POWER(W)	9.56	LOR(%)	100.2	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	308.55	η UP,DN(C0-180)	0.7,50.7
NOMINAL FLUX(lm)	307.94	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,48.0
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.7	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:2018-08-27

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	100.9	101.5	101.9	102.0	101.6	101.3	100.7	100.7	0- 10	9.754	9.754	3.16,3.17
20	95.06	96.43	97.64	97.60	96.40	95.79	94.90	94.69	10- 20	27.98	37.73	12.2,12.3
30	85.85	87.99	89.84	89.78	87.80	86.87	85.55	85.34	20- 30	42.46	80.19	26,26
40	73.92	76.45	78.31	78.72	76.31	74.98	73.09	73.10	30- 40	51.19	131.4	42.6,42.7
50	60.00	62.43	64.26	65.05	62.78	60.98	58.83	58.92	40- 50	53.11	184.5	59.8,59.9
60	44.90	47.20	49.00	49.99	47.73	45.76	43.59	43.65	50- 60	48.45	232.9	75.5,75.6
70	29.22	31.52	33.37	34.32	32.06	30.17	28.15	28.10	60- 70	38.34	271.3	87.9,88.1
80	13.19	15.76	17.67	18.54	15.94	14.33	12.60	12.36	70- 80	24.24	295.5	95.8,96
90	0.8976	1.969	3.245	3.619	1.257	1.849	1.903	1.820	80- 90	8.482	304.0	98.5,98.7
100	0.8057	1.122	1.026	1.146	0.8807	1.230	1.466	1.480	90-100	1.523	305.5	99,99.2
110	0.6742	0.8349	0.7843	0.8428	0.8082	1.090	0.9720	1.190	100-110	1.073	306.6	99.4,99.6
120	0.4514	0.5099	0.5454	0.6334	0.7410	0.7522	0.8321	0.8301	110-120	0.7764	307.4	99.6,99.8
130	0.1990	0.3168	0.2609	0.3973	0.6631	0.4138	0.5069	0.4084	120-130	0.4850	307.9	99.8,100
140	0.1664	0.3088	0.0913	0.3652	0.5691	0.3706	0.1879	0.3303	130-140	0.2675	308.1	99.9,100
150	0.2416	0.2900	0.1611	0.3330	0.4805	0.3357	0.2019	0.2954	140-150	0.1876	308.3	99.9,100
160	0.2658	0.2578	0.2014	0.3088	0.3839	0.3142	0.1907	0.2551	150-160	0.1322	308.5	100,100
170	0.2524	0.2524	0.2335	0.2819	0.3033	0.2900	0.2336	0.2390	160-170	0.0756	308.5	100,100
180	0.2819	0.2793	0.2658	0.2605	0.2766	0.2873	0.2631	0.2605	170-180	0.0250	308.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

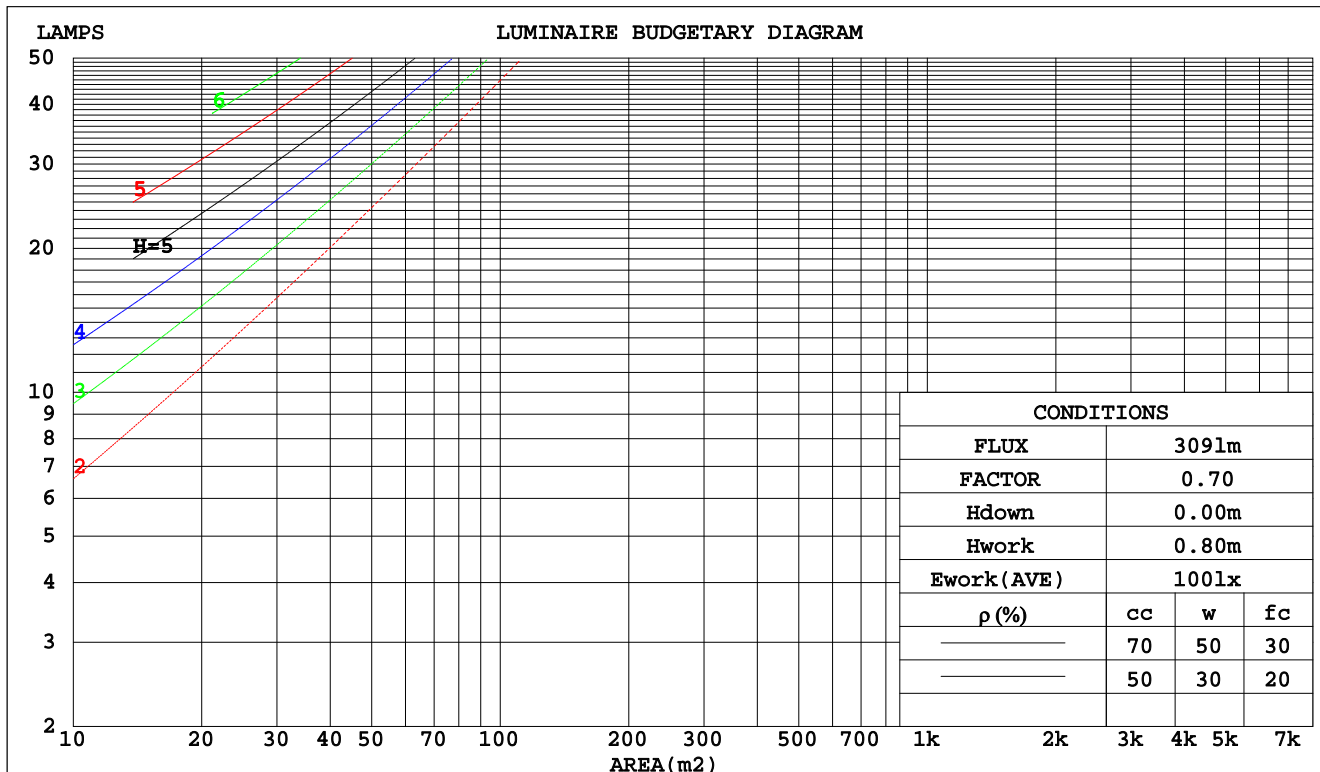
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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-RGB	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.98	.94	1.01	.96	.93	.96	.93	.90	.92	.89	.86	.88	.86	.84	.81
2.0	.89	.82	.76	.87	.81	.75	.84	.78	.73	.80	.75	.71	.77	.73	.70	.67
3.0	.78	.70	.63	.77	.69	.62	.73	.67	.61	.70	.65	.60	.68	.63	.59	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.46	.40	.54	.46	.40	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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-RGB	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	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	Wall Exitance Coefficients(WEC)					
0.0	RCR:Room Cavity Ratio					
1.0	.324 .185 .058	.317 .181 .057	.303 .174 .055	.290 .167 .054	.278 .161 .052	
2.0	.301 .165 .051	.294 .162 .050	.282 .157 .049	.270 .151 .047	.259 .147 .046	
3.0	.276 .147 .044	.270 .145 .044	.259 .140 .043	.249 .136 .042	.239 .133 .041	
4.0	.254 .132 .039	.249 .130 .038	.239 .127 .038	.229 .123 .037	.221 .120 .037	
5.0	.234 .119 .035	.229 .118 .034	.220 .115 .034	.212 .112 .033	.204 .109 .033	
6.0	.216 .108 .031	.212 .107 .031	.204 .105 .030	.197 .102 .030	.190 .100 .030	
7.0	.201 .099 .028	.197 .098 .028	.190 .096 .028	.184 .094 .027	.177 .092 .027	
8.0	.187 .092 .026	.184 .091 .026	.178 .089 .025	.172 .087 .025	.166 .085 .025	
9.0	.175 .085 .024	.172 .084 .024	.167 .082 .023	.161 .081 .023	.156 .079 .023	
10.0	.165 .079 .022	.162 .078 .022	.157 .077 .022	.152 .075 .021	.147 .074 .021	

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	Ceiling Cavity Exitance Coefficients(CCEC)					
0.0	RCR:Room Cavity Ratio					
1.0	.202 .202 .202	.173 .173 .173	.118 .118 .118	.068 .068 .068	.022 .022 .022	
2.0	.193 .168 .145	.165 .144 .125	.113 .099 .086	.065 .057 .050	.021 .018 .016	
3.0	.185 .144 .109	.159 .124 .094	.109 .085 .065	.063 .050 .038	.020 .016 .013	
4.0	.177 .126 .085	.152 .109 .074	.104 .076 .052	.060 .044 .031	.019 .014 .010	
5.0	.170 .113 .069	.146 .097 .060	.100 .068 .042	.058 .040 .025	.019 .013 .008	
6.0	.162 .102 .058	.139 .089 .051	.096 .062 .036	.056 .036 .021	.018 .012 .007	
7.0	.155 .094 .050	.133 .082 .044	.092 .057 .031	.053 .034 .018	.017 .011 .006	
8.0	.148 .087 .045	.127 .076 .039	.088 .053 .028	.051 .031 .016	.017 .010 .005	
9.0	.141 .081 .040	.122 .071 .035	.084 .050 .025	.049 .029 .015	.016 .010 .005	
10.0	.135 .076 .037	.117 .066 .032	.081 .047 .023	.047 .028 .014	.015 .009 .005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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-RGB						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		18.8	20.4	19.1	20.6	20.8	19.2	20.7	19.5	20.9	21.2
3H		20.5	21.9	20.8	22.1	22.4	20.9	22.4	21.3	22.6	22.9
4H		21.1	22.5	21.5	22.8	23.1	21.7	23.1	22.1	23.4	23.6
6H		21.7	22.9	22.0	23.2	23.5	22.4	23.7	22.8	24.0	24.3
8H		21.8	23.0	22.2	23.4	23.7	22.7	23.9	23.1	24.2	24.6
12H		21.9	23.1	22.3	23.4	23.7	22.9	24.1	23.3	24.4	24.8
4H 2H		19.5	20.9	19.9	21.2	21.5	19.8	21.1	20.1	21.4	21.7
3H		21.4	22.5	21.7	22.9	23.2	21.8	22.9	22.1	23.3	23.6
4H		22.2	23.2	22.6	23.6	24.0	22.7	23.8	23.1	24.1	24.5
6H		22.8	23.8	23.2	24.2	24.6	23.5	24.5	24.0	24.9	25.3
8H		23.1	23.9	23.5	24.3	24.8	23.9	24.8	24.3	25.2	25.6
12H		23.2	24.0	23.6	24.4	24.9	24.2	25.0	24.7	25.4	25.9
8H 4H		22.5	23.4	23.0	23.8	24.3	23.0	23.9	23.4	24.3	24.7
6H		23.4	24.1	23.8	24.6	25.0	24.0	24.8	24.5	25.2	25.7
8H		23.7	24.4	24.2	24.8	25.3	24.5	25.2	25.0	25.6	26.1
12H		23.9	24.5	24.4	25.0	25.5	24.9	25.5	25.4	26.0	26.5
12H 4H		22.6	23.4	23.0	23.8	24.3	23.0	23.8	23.5	24.3	24.7
6H		23.5	24.2	24.0	24.6	25.1	24.1	24.8	24.6	25.2	25.7
8H		23.9	24.5	24.4	24.9	25.4	24.6	25.2	25.1	25.7	26.2
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 307.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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

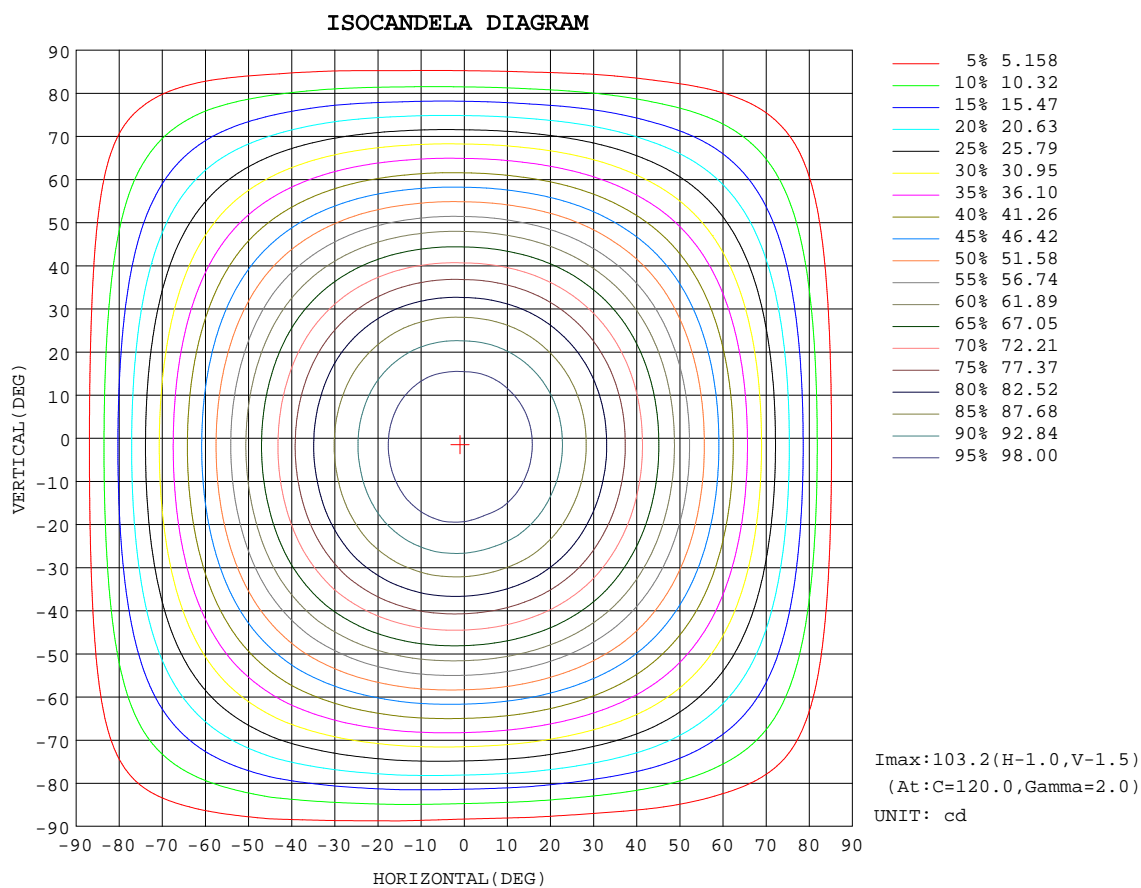
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	55	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	83	96	88	82	92	85	80	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	98	105	101	97	100	97	93	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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

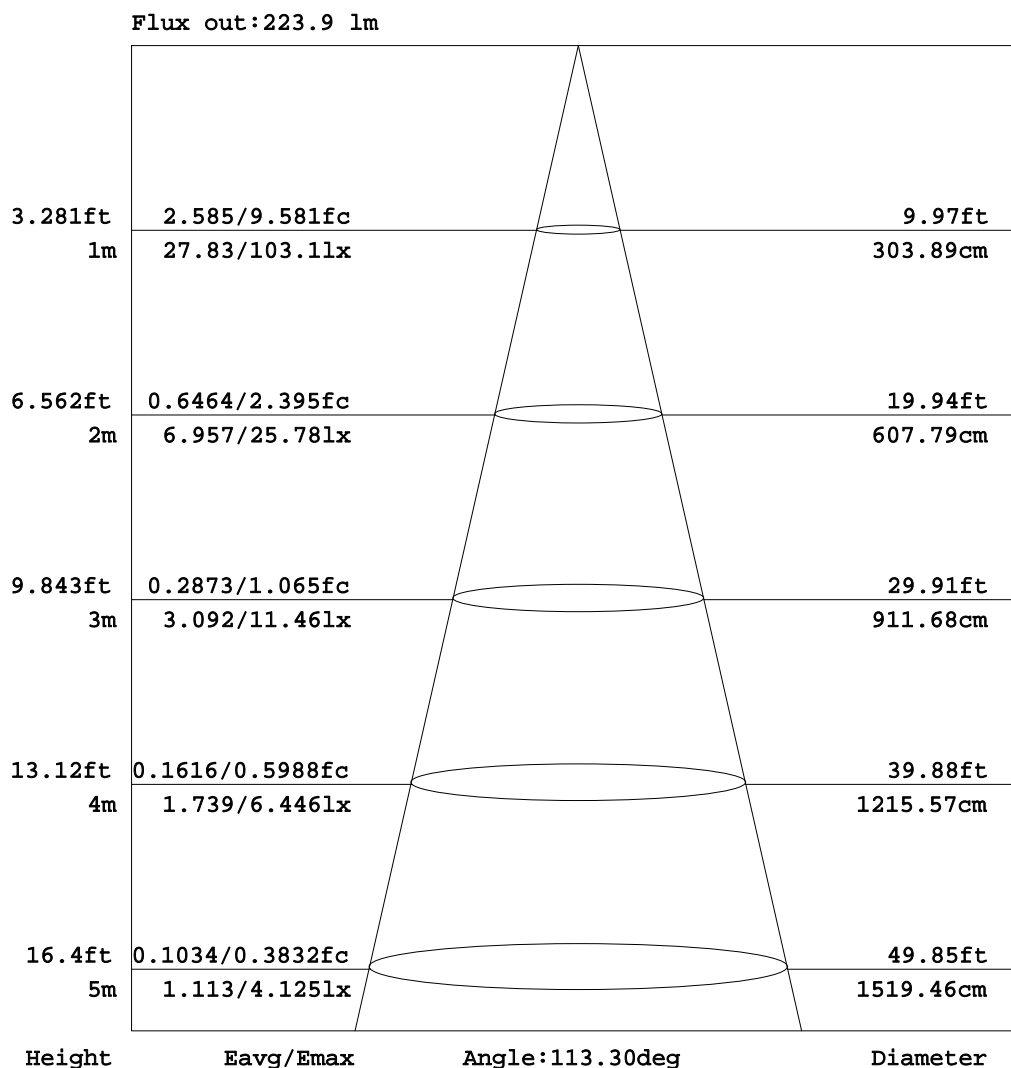


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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



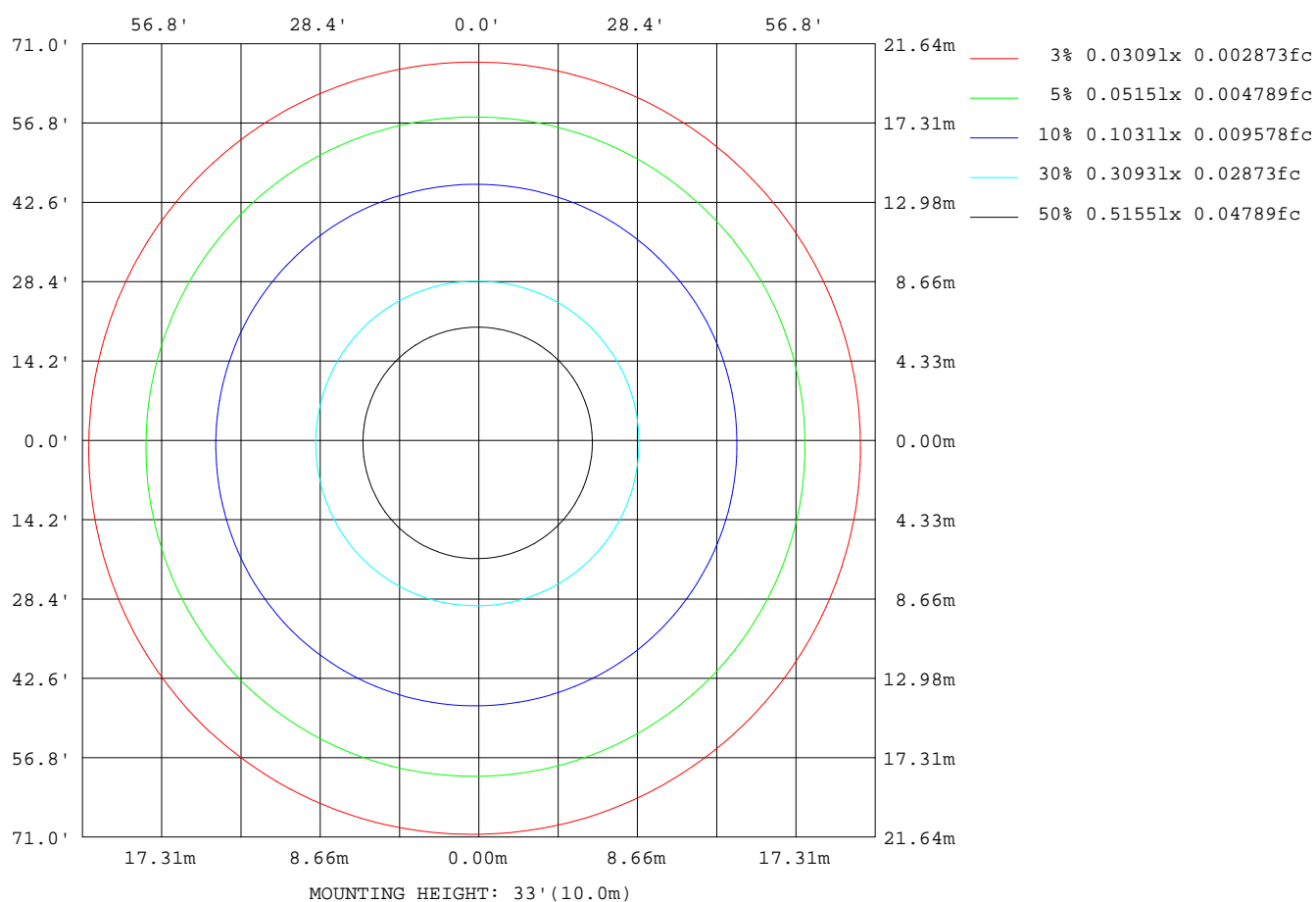
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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-RGB	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:2018-08-27

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-RGB	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	307.94	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	5726	5774	5826	5883	5949	6010	6060	6105	6144	6180	6225	6262	6282	6286	6263	6214	6147	6086	6037
60	5613	5670	5728	5790	5864	5930	5985	6042	6087	6124	6181	6223	6243	6253	6231	6176	6103	6030	5967
65	5490	5561	5628	5696	5782	5859	5924	5996	6052	6096	6161	6211	6234	6247	6220	6155	6075	5991	5911
70	5340	5427	5513	5601	5708	5803	5884	5976	6046	6099	6179	6240	6270	6280	6246	6168	6067	5960	5858
75	5121	5250	5363	5476	5636	5771	5872	6001	6098	6164	6269	6344	6374	6393	6342	6222	6089	5944	5802
80	4748	4963	5145	5316	5555	5752	5902	6112	6264	6358	6522	6627	6653	6686	6605	6409	6200	5967	5737
85	3826	4311	4678	4992	5468	5870	6176	6570	6874	7086	7385	7570	7613	7665	7486	7083	6700	6236	5749

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	7665	200	---	500
Category 2	65 to 90	7665	200	---	500
Category 3	75 to 90	7665	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:2018-08-27

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-RGB	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	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	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
5	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	102	102
10	101	101	101	101	102	102	102	102	102	102	102	102	102	101	101	101	101	101	101
15	99.0	99.2	99.5	99.9	100	100	101	101	101	101	100	100	100.0	99.8	99.7	99.5	99.3	99.0	98.8
20	95.1	95.4	95.8	96.4	96.9	97.1	97.6	97.9	97.9	97.6	97.2	96.7	96.4	96.2	96.0	95.8	95.6	95.2	94.9
25	91.7	92.1	92.7	93.4	94.1	94.4	95.0	95.3	95.2	94.9	94.3	93.7	93.3	93.0	92.9	92.6	92.4	92.0	91.6
30	85.8	86.3	87.1	88.0	88.8	89.3	89.8	90.2	90.2	89.8	89.0	88.3	87.8	87.4	87.2	86.9	86.5	86.0	85.5
35	81.4	81.9	82.7	83.7	84.6	85.1	85.6	86.1	86.1	85.7	84.9	84.1	83.5	83.1	82.8	82.4	82.0	81.4	80.9
40	73.9	74.6	75.4	76.5	77.2	77.8	78.3	78.9	79.0	78.7	77.9	77.0	76.3	75.9	75.5	75.0	74.4	73.7	73.1
45	68.6	69.2	70.1	71.1	71.8	72.4	72.9	73.5	73.7	73.5	72.7	71.8	71.1	70.6	70.1	69.6	68.9	68.1	67.5
50	60.0	60.7	61.5	62.4	63.2	63.7	64.3	64.8	65.2	65.0	64.4	63.4	62.8	62.1	61.6	61.0	60.3	59.4	58.8
55	54.1	54.7	55.5	56.4	57.1	57.7	58.2	58.8	59.2	59.1	58.5	57.6	56.9	56.2	55.8	55.0	54.3	53.4	52.8
60	44.9	45.6	46.3	47.2	47.9	48.5	49.0	49.7	49.9	50.0	49.4	48.5	47.7	47.1	46.5	45.8	45.0	44.2	43.6
65	38.7	39.4	40.1	41.0	41.6	42.3	42.8	43.4	43.7	43.8	43.2	42.3	41.5	40.9	40.3	39.5	38.8	38.0	37.5
70	29.2	29.9	30.6	31.5	32.2	32.9	33.4	34.0	34.3	34.3	33.8	32.9	32.1	31.4	30.9	30.2	29.5	28.7	28.1
75	22.8	23.6	24.3	25.3	25.9	26.7	27.1	27.7	28.0	28.0	27.3	26.5	25.6	25.0	24.5	23.8	23.2	22.4	21.9
80	13.2	14.1	14.8	15.8	16.4	17.2	17.7	18.3	18.5	18.5	17.8	16.9	15.9	15.3	14.9	14.3	13.8	13.0	12.6
85	6.90	7.84	8.54	9.50	10.2	11.0	11.4	12.0	12.2	12.2	11.5	10.6	9.54	9.02	8.73	8.11	7.63	6.94	6.63
90	0.90	1.14	1.48	1.97	2.45	2.93	3.25	3.69	3.79	3.62	2.94	2.09	1.26	1.30	1.60	1.85	1.96	1.70	1.90
95	0.95	1.07	1.19	1.33	1.36	1.32	1.32	1.46	1.50	1.42	1.22	0.99	0.81	1.06	1.32	1.55	1.62	1.41	1.62
100	0.81	0.84	1.00	1.12	1.15	1.08	1.03	1.13	1.17	1.15	1.00	0.90	0.88	0.96	1.11	1.23	1.41	1.26	1.47
105	0.77	0.72	0.89	1.00	1.04	0.97	0.92	1.01	0.98	0.95	0.87	0.81	0.85	0.85	1.06	1.13	1.17	1.25	1.25
110	0.67	0.63	0.71	0.83	0.88	0.82	0.78	0.81	0.84	0.84	0.82	0.73	0.81	0.74	0.90	1.09	1.05	1.10	0.97
115	0.60	0.58	0.54	0.73	0.77	0.72	0.68	0.73	0.71	0.75	0.71	0.72	0.79	0.71	0.77	0.94	0.99	1.05	0.93
120	0.45	0.47	0.45	0.51	0.63	0.58	0.55	0.57	0.60	0.63	0.58	0.69	0.74	0.68	0.58	0.75	0.84	0.88	0.83
125	0.35	0.38	0.39	0.37	0.48	0.47	0.45	0.45	0.49	0.49	0.56	0.67	0.72	0.65	0.54	0.62	0.70	0.72	0.71
130	0.20	0.29	0.33	0.32	0.26	0.25	0.26	0.28	0.32	0.40	0.53	0.63	0.66	0.61	0.51	0.41	0.47	0.49	0.51
135	0.15	0.25	0.31	0.31	0.25	0.13	0.12	0.14	0.25	0.38	0.51	0.60	0.63	0.57	0.49	0.39	0.34	0.32	0.33
140	0.17	0.25	0.31	0.31	0.23	0.12	0.09	0.13	0.24	0.37	0.49	0.55	0.57	0.52	0.46	0.37	0.27	0.16	0.19
145	0.20	0.27	0.31	0.31	0.24	0.14	0.12	0.15	0.24	0.36	0.45	0.51	0.54	0.49	0.43	0.35	0.28	0.16	0.19
150	0.24	0.28	0.30	0.29	0.24	0.17	0.16	0.17	0.25	0.33	0.41	0.46	0.48	0.45	0.40	0.34	0.26	0.17	0.20
155	0.26	0.29	0.30	0.28	0.24	0.19	0.19	0.19	0.25	0.33	0.39	0.42	0.45	0.42	0.38	0.33	0.26	0.18	0.21
160	0.27	0.28	0.28	0.26	0.24	0.22	0.20	0.21	0.25	0.31	0.36	0.37	0.38	0.37	0.35	0.31	0.27	0.20	0.19
165	0.26	0.28	0.26	0.25	0.23	0.23	0.21	0.21	0.24	0.30	0.32	0.34	0.35	0.34	0.32	0.31	0.27	0.21	0.21
170	0.25	0.26	0.25	0.25	0.25	0.24	0.23	0.23	0.24	0.28	0.29	0.30	0.30	0.30	0.29	0.29	0.27	0.23	0.23
175	0.26	0.26	0.26	0.26	0.26	0.25	0.24	0.25	0.25	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.25	0.24
180	0.28	0.28	0.27	0.28	0.27	0.28	0.27	0.28	0.27	0.26	0.26	0.26	0.28	0.28	0.27	0.29	0.30	0.27	0.26

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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-RGB	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	103	103	103	103	103													
5	103	103	103	103	103													
10	101	101	101	101	101													
15	98.8	98.8	98.7	98.8	98.9													
20	94.9	94.8	94.7	94.7	94.8													
25	91.5	91.4	91.4	91.4	91.5													
30	85.5	85.4	85.3	85.4	85.6													
35	80.7	80.8	80.7	80.9	81.1													
40	73.0	73.0	73.1	73.3	73.6													
45	67.4	67.5	67.6	67.9	68.2													
50	58.7	58.8	58.9	59.3	59.7													
55	52.7	52.8	52.9	53.4	53.7													
60	43.5	43.5	43.7	44.1	44.5													
65	37.3	37.4	37.5	37.9	38.3													
70	28.0	28.0	28.1	28.4	28.8													
75	21.7	21.8	21.7	22.1	22.4													
80	12.3	12.5	12.4	12.7	12.9													
85	6.42	6.48	6.33	6.56	6.67													
90	1.94	1.96	1.82	1.60	1.30													
95	1.66	1.72	1.64	1.50	1.25													
100	1.51	1.57	1.48	1.29	1.06													
105	1.42	1.46	1.36	1.18	0.88													
110	1.25	1.28	1.19	1.01	0.74													
115	1.13	1.16	1.06	0.83	0.68													
120	0.94	0.96	0.83	0.57	0.59													
125	0.80	0.81	0.63	0.50	0.52													
130	0.56	0.53	0.41	0.43	0.41													
135	0.37	0.37	0.37	0.39	0.35													
140	0.19	0.30	0.33	0.35	0.31													
145	0.19	0.28	0.32	0.34	0.30													
150	0.20	0.27	0.30	0.33	0.32													
155	0.21	0.24	0.28	0.31	0.31													
160	0.23	0.24	0.26	0.28	0.28													
165	0.23	0.24	0.25	0.26	0.26													
170	0.25	0.24	0.24	0.25	0.24													
175	0.25	0.26	0.24	0.25	0.25													
180	0.26	0.28	0.26	0.27	0.26													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-27

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: