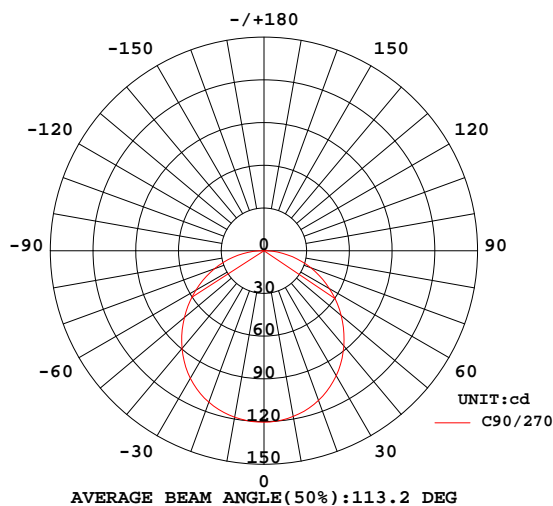


LUMINAIRE PHOTOMETRIC TEST REPORT

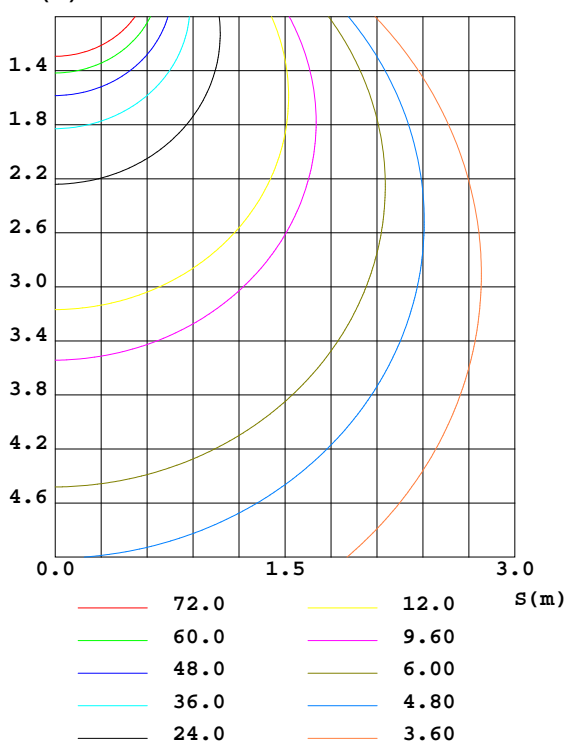
NAME: C-SFR-F22S-VB-D24CC-RGBW(2700K)-84-5050-1M-G	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:
MFR.:	SUR.:16*1000mm
	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 52.28 lm/W			
MODEL	5050	Imax(cd)	120.4	S/MH(C0/180)	1.24
NOMINAL POWER(W)	6.9	LOR(%)	150.3	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	360.73	η UP,DN(C0-180)	1.0,74.6
NOMINAL FLUX(lm)	240	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,73.4
LAMPS INSIDE	1	η up(%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	148.0	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	117.8	118.2	118.7	118.9	118.7	118.5	118.2	117.9	0- 10	11.40	11.40	3.16,4.75
20	111.0	111.9	113.2	113.3	112.7	112.4	111.9	111.2	10- 20	32.68	44.08	12.2,18.4
30	100.3	101.8	103.5	103.8	102.6	102.4	101.4	100.6	20- 30	49.59	93.67	26,39
40	86.41	88.03	89.61	90.53	89.24	88.73	87.23	86.60	30- 40	59.78	153.5	42.5,63.9
50	70.20	71.56	73.02	74.33	73.36	72.59	70.79	70.24	40- 50	62.04	215.5	59.7,89.8
60	52.61	53.83	55.18	56.65	55.80	54.94	53.06	52.54	50- 60	56.62	272.1	75.4,113
70	34.35	35.59	36.98	38.38	37.51	36.64	35.06	34.40	60- 70	44.84	317.0	87.9,132
80	15.64	17.21	18.66	19.98	18.71	18.19	16.87	15.99	70- 80	28.41	345.4	95.7,144
90	1.045	1.890	2.508	2.982	1.534	2.345	2.419	2.225	80- 90	9.840	355.2	98.5,148
100	0.9636	1.343	1.229	1.333	1.110	1.613	1.800	1.765	90-100	1.744	357.0	99,149
110	0.8070	0.9836	0.9586	1.073	1.020	1.336	1.481	1.426	100-110	1.316	358.3	99.3,149
120	0.5963	0.4903	0.6752	0.7700	0.9428	0.9482	1.133	1.012	110-120	0.9528	359.2	99.6,150
130	0.3138	0.3416	0.2558	0.5573	0.8452	0.5551	0.7670	0.4626	120-130	0.6025	359.8	99.7,150
140	0.1901	0.3211	0.1932	0.5187	0.7373	0.4932	0.2627	0.3879	130-140	0.3415	360.2	99.8,150
150	0.2389	0.3442	0.2756	0.4751	0.6268	0.4521	0.2860	0.3544	140-150	0.2427	360.4	99.9,150
160	0.3005	0.3622	0.3142	0.4391	0.5214	0.4341	0.3066	0.3570	150-160	0.1765	360.6	100,150
170	0.3519	0.3699	0.3452	0.3903	0.4212	0.3930	0.3452	0.3826	160-170	0.1072	360.7	100,150
180	0.3854	0.3930	0.3787	0.3981	0.3880	0.3981	0.3787	0.3929	170-180	0.0360	360.7	100,150
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

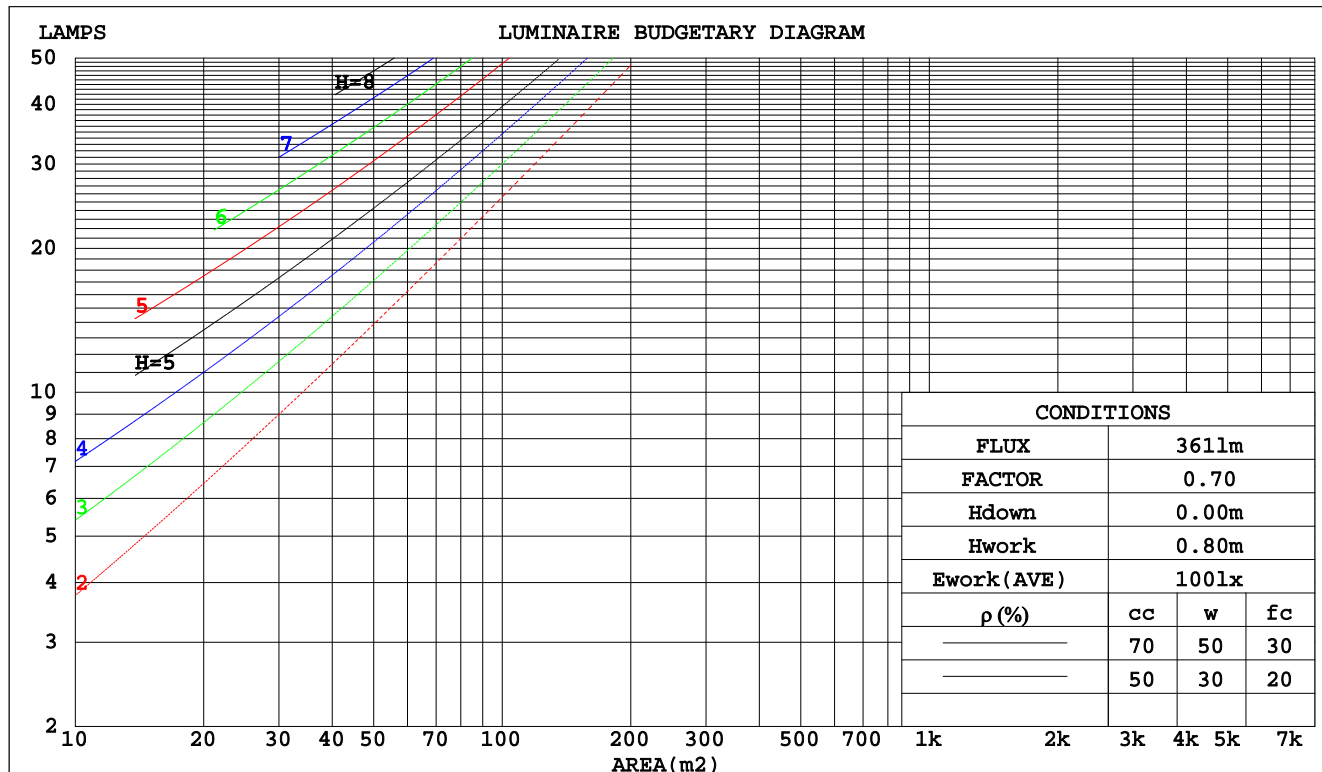
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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-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						Coefficients of Utilization(CU)									
0.0	1.78	1.78	1.78	1.74	1.74	1.74	1.66	1.66	1.66	1.58	1.58	1.58	1.51	1.51	1.51	1.48
1.0	1.54	1.48	1.42	1.51	1.45	1.39	1.44	1.39	1.34	1.38	1.34	1.30	1.32	1.29	1.25	1.22
2.0	1.34	1.23	1.14	1.31	1.21	1.13	1.25	1.17	1.10	1.20	1.13	1.07	1.15	1.09	1.04	1.01
3.0	1.17	1.05	.95	1.15	1.03	.94	1.10	.90	.92	1.05	.97	.90	1.01	.94	.88	.84
4.0	1.04	.90	.80	1.02	.89	.79	.97	.87	.78	.94	.84	.77	.90	.82	.75	.72
5.0	.93	.79	.69	.91	.78	.68	.87	.76	.67	.84	.74	.66	.81	.72	.65	.62
6.0	.83	.70	.60	.82	.69	.59	.79	.67	.59	.76	.66	.58	.73	.64	.57	.54
7.0	.75	.62	.53	.74	.61	.52	.72	.60	.52	.69	.59	.51	.67	.58	.51	.48
8.0	.69	.56	.47	.68	.55	.47	.65	.54	.46	.63	.53	.46	.61	.52	.45	.42
9.0	.63	.51	.42	.62	.50	.42	.60	.49	.42	.58	.48	.41	.57	.48	.41	.38
10.0	.58	.46	.38	.57	.46	.38	.56	.45	.38	.54	.44	.37	.53	.44	.37	.35



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-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	.487 .277 .088	.475 .271 .086	.454 .260 .083	.434 .250 .080	.416 .241 .078	
2.0	.451 .247 .076	.441 .243 .075	.422 .235 .073	.405 .227 .071	.389 .220 .069	
3.0	.415 .221 .066	.406 .217 .065	.389 .211 .064	.373 .205 .063	.359 .199 .061	
4.0	.381 .198 .058	.373 .195 .058	.358 .190 .057	.344 .185 .056	.331 .180 .055	
5.0	.351 .179 .052	.344 .176 .051	.330 .172 .051	.318 .168 .050	.306 .164 .049	
6.0	.324 .163 .047	.318 .161 .046	.306 .157 .046	.295 .153 .045	.285 .150 .045	
7.0	.301 .149 .042	.296 .147 .042	.285 .144 .042	.275 .141 .041	.266 .138 .041	
8.0	.281 .137 .039	.276 .136 .038	.267 .133 .038	.258 .130 .038	.249 .128 .037	
9.0	.263 .127 .036	.259 .126 .035	.250 .124 .035	.242 .121 .035	.234 .119 .034	
10.0	.247 .119 .033	.243 .117 .033	.235 .115 .032	.228 .113 .032	.221 .111 .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	.304 .304 .304	.260 .260 .260	.177 .177 .177	.102 .102 .102	.033 .033 .033	
1.0	.290 .252 .218	.248 .216 .188	.170 .149 .130	.098 .086 .075	.031 .028 .024	
2.0	.278 .216 .164	.238 .186 .141	.163 .129 .099	.094 .075 .058	.030 .024 .019	
3.0	.267 .190 .128	.229 .164 .111	.157 .114 .078	.091 .066 .046	.029 .022 .015	
4.0	.255 .170 .105	.219 .147 .091	.151 .102 .064	.087 .060 .038	.028 .020 .012	
5.0	.244 .154 .088	.209 .134 .077	.144 .093 .054	.084 .055 .032	.027 .018 .011	
6.0	.233 .142 .076	.200 .123 .067	.138 .086 .047	.080 .051 .028	.026 .017 .009	
7.0	.223 .132 .068	.192 .114 .059	.132 .080 .042	.077 .047 .025	.025 .015 .008	
8.0	.213 .123 .061	.183 .107 .053	.127 .075 .038	.074 .044 .022	.024 .014 .007	
9.0	.204 .115 .056	.175 .100 .049	.122 .070 .035	.071 .042 .021	.023 .014 .007	
10.0	.195 .109 .052	.168 .095 .045	.117 .067 .032	.068 .039 .019	.022 .013 .006	

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-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		19.3	20.9	19.6	21.1	21.3	19.5	21.0	19.8	21.3	21.5
3H		21.0	22.4	21.3	22.6	22.9	21.2	22.6	21.5	22.9	23.2
4H		21.6	23.0	22.0	23.3	23.6	22.0	23.3	22.3	23.6	23.9
6H		22.2	23.4	22.5	23.7	24.0	22.6	23.9	23.0	24.2	24.5
8H		22.3	23.6	22.7	23.9	24.2	22.8	24.1	23.2	24.4	24.7
12H		22.4	23.6	22.8	23.9	24.3	23.0	24.2	23.4	24.5	24.9
4H 2H		20.0	21.3	20.3	21.6	21.9	20.1	21.5	20.5	21.8	22.1
3H		21.8	23.0	22.2	23.3	23.7	22.0	23.2	22.4	23.5	23.9
4H		22.6	23.7	23.0	24.1	24.4	22.9	24.0	23.3	24.4	24.7
6H		23.3	24.3	23.7	24.6	25.0	23.7	24.7	24.1	25.0	25.4
8H		23.5	24.4	24.0	24.8	25.2	24.0	24.9	24.4	25.3	25.7
12H		23.7	24.5	24.1	24.9	25.3	24.3	25.1	24.7	25.5	25.9
8H 4H		23.0	23.9	23.4	24.3	24.7	23.2	24.1	23.7	24.5	24.9
6H		23.8	24.6	24.3	25.0	25.4	24.2	24.9	24.6	25.4	25.8
8H		24.1	24.8	24.6	25.3	25.7	24.6	25.3	25.1	25.7	26.2
12H		24.4	24.9	24.9	25.4	25.9	24.9	25.5	25.4	26.0	26.5
12H 4H		23.0	23.8	23.5	24.2	24.7	23.3	24.1	23.7	24.5	24.9
6H		23.9	24.6	24.4	25.0	25.5	24.3	24.9	24.7	25.4	25.9
8H		24.3	24.9	24.8	25.3	25.8	24.7	25.3	25.2	25.8	26.3
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:2018-08-22

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

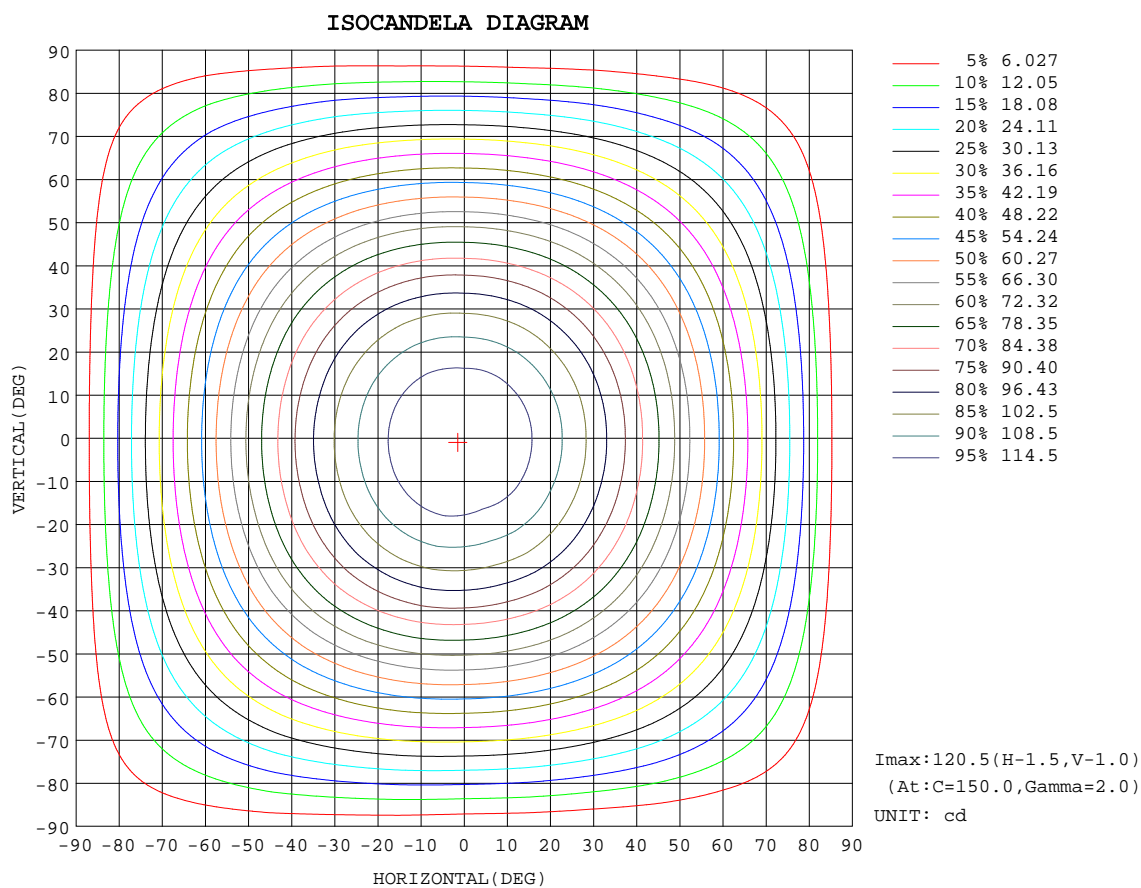
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	85	67	56	84	67	56	82	66	56	46
0.80	100	82	70	98	81	70	95	80	70	59
1.00	112	95	84	110	94	83	107	96	82	71
1.25	123	106	95	120	105	95	116	103	93	82
1.50	130	115	104	128	113	103	123	110	101	89
2.00	141	127	117	138	125	116	132	122	113	101
2.50	147	134	125	143	132	123	137	128	120	107
3.00	152	141	132	148	138	130	142	134	127	113
4.00	158	149	142	154	146	139	147	141	135	121
5.00	162	154	148	158	151	145	151	145	140	126
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-G	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SERIAL No.:
MFR.:	PROTECTION ANGLE:
SPEC.:	
SUR.:16*1000mm	

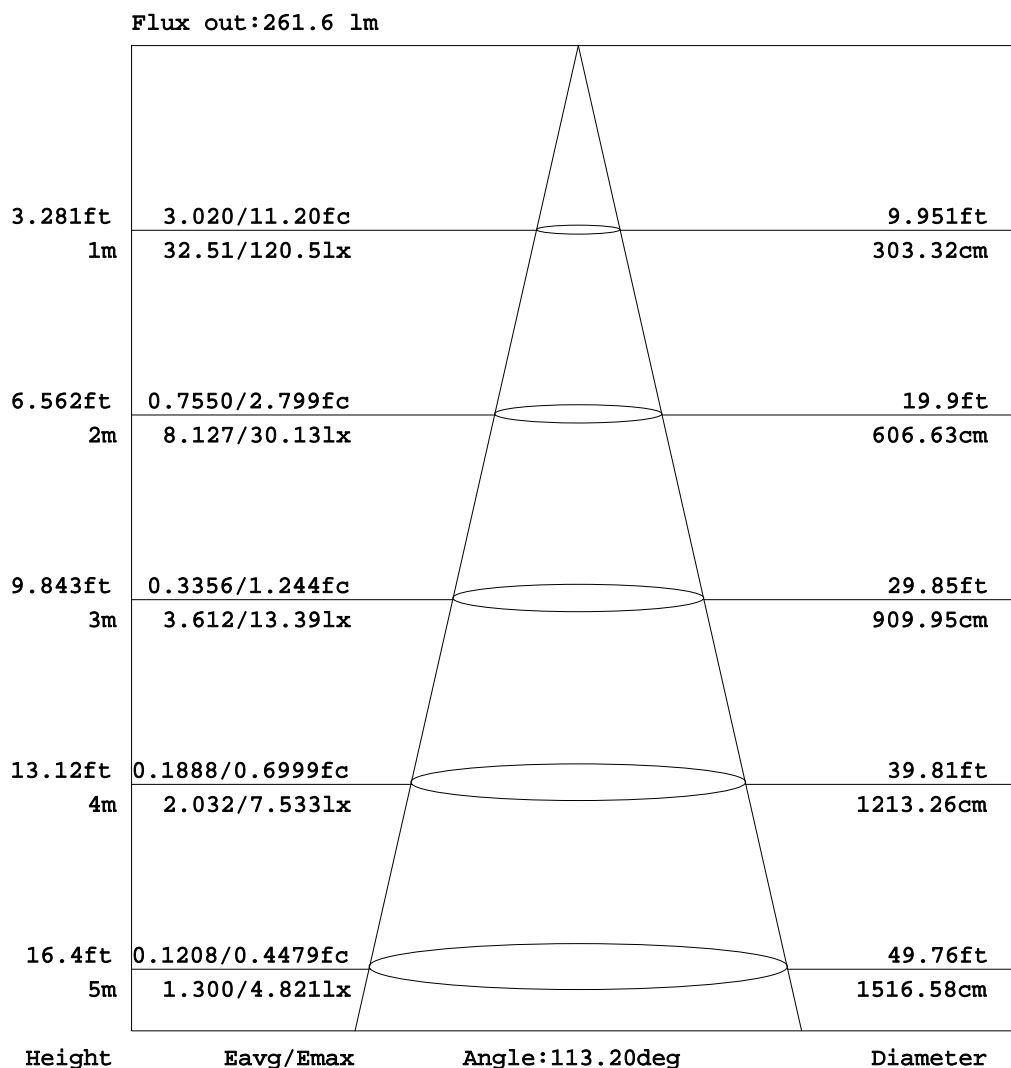


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-22

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



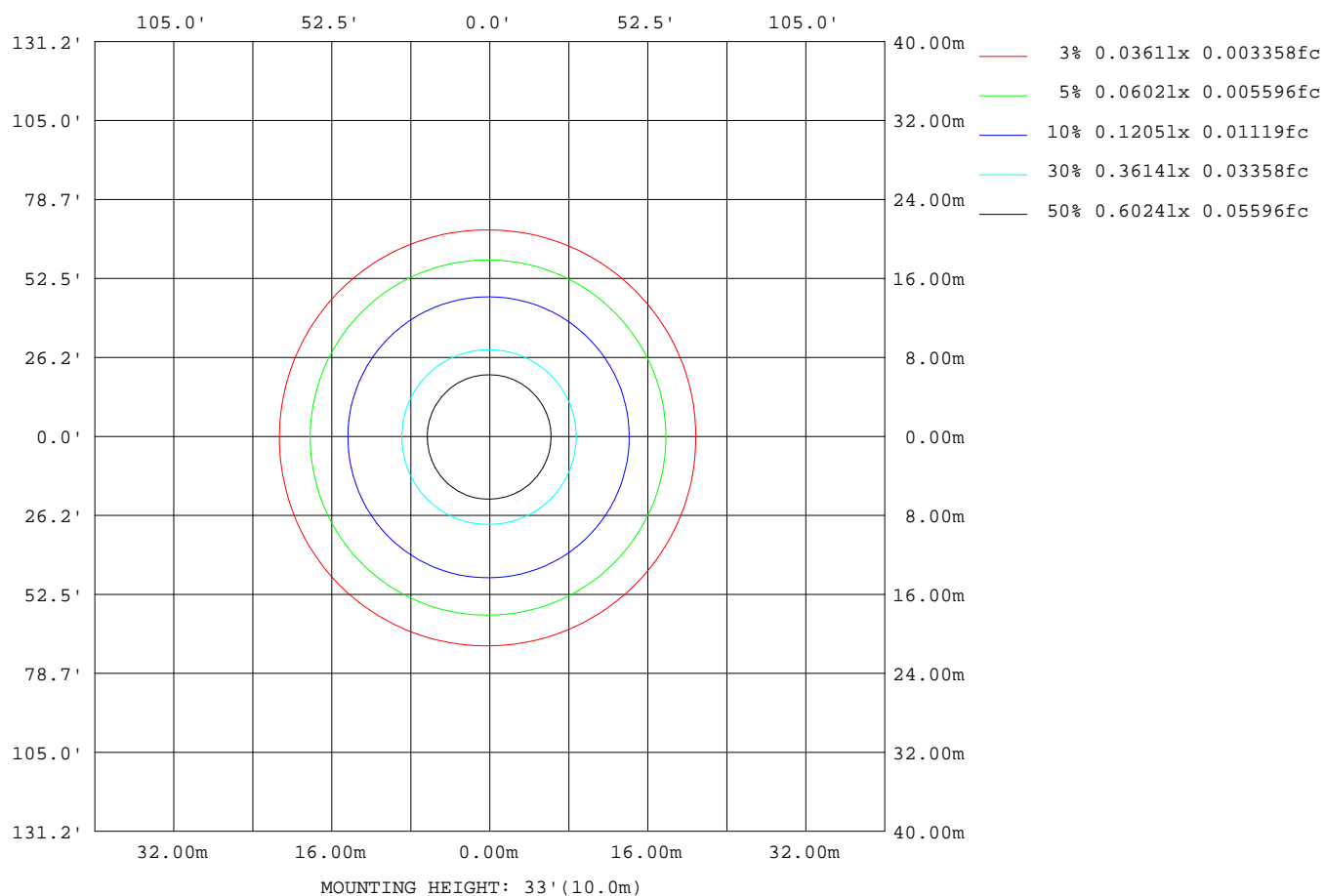
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-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:2018-08-22

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-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	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	6704	6723	6750	6785	6824	6867	6910	6949	6975	6996	7040	7085	7120	7145	7150	7132	7098	7069	7052
60	6577	6598	6627	6664	6706	6751	6797	6845	6877	6898	6952	7004	7043	7073	7081	7066	7032	6999	6975
65	6438	6470	6503	6540	6593	6645	6694	6752	6791	6819	6881	6940	6985	7026	7037	7013	6973	6937	6912
70	6277	6315	6355	6402	6469	6535	6598	6674	6725	6757	6837	6910	6962	7002	7012	6987	6937	6889	6854
75	6034	6099	6158	6221	6327	6420	6498	6605	6674	6715	6827	6919	6974	7036	7041	6989	6926	6858	6795
80	5629	5744	5844	5948	6112	6255	6371	6539	6650	6715	6880	7010	7080	7167	7170	7081	6975	6850	6733
85	4583	4928	5153	5329	5678	5946	6130	6490	6727	6849	7183	7426	7540	7717	7694	7467	7277	7029	6775

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	7717	200	---	500
Category 2	65 to 90	7717	200	---	500
Category 3	75 to 90	7717	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-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	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
5	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
10	118	118	118	118	118	118	119	119	119	119	119	119	119	119	119	119	119	118	118
15	116	116	116	116	116	117	117	117	117	117	117	117	117	117	117	117	117	117	116
20	111	111	111	112	112	113	113	113	113	113	113	113	113	113	113	112	113	112	112
25	107	107	108	108	109	109	110	110	110	110	110	109	109	109	109	109	109	109	108
30	100	101	101	102	103	103	103	104	104	104	103	103	103	103	102	102	102	102	101
35	95.1	95.3	95.9	96.7	97.5	98.0	98.4	98.8	99.0	98.9	98.4	97.9	97.6	97.4	97.4	97.3	97.1	96.8	96.1
40	86.4	86.7	87.3	88.0	88.8	89.3	89.6	90.2	90.5	90.5	90.1	89.5	89.2	89.1	89.0	88.7	88.4	88.1	87.2
45	80.2	80.4	81.0	81.7	82.4	82.9	83.2	83.8	84.2	84.3	84.0	83.4	83.1	82.9	82.8	82.5	82.1	81.6	80.8
50	70.2	70.5	71.0	71.6	72.3	72.7	73.0	73.6	74.1	74.3	74.1	73.6	73.4	73.2	73.0	72.6	72.1	71.6	70.8
55	63.3	63.6	64.0	64.6	65.2	65.7	66.0	66.6	67.1	67.4	67.2	66.7	66.5	66.3	66.1	65.7	65.2	64.6	63.8
60	52.6	52.9	53.3	53.8	54.4	54.9	55.2	55.8	56.3	56.7	56.5	56.1	55.8	55.6	55.4	54.9	54.4	53.8	53.1
65	45.4	45.7	46.0	46.6	47.1	47.7	47.9	48.6	49.1	49.4	49.3	48.8	48.6	48.4	48.1	47.7	47.2	46.6	45.9
70	34.3	34.7	35.0	35.6	36.1	36.7	37.0	37.6	38.1	38.4	38.2	37.8	37.5	37.3	37.1	36.6	36.3	35.6	35.1
75	26.9	27.3	27.6	28.3	28.8	29.4	29.7	30.3	30.7	31.0	30.8	30.4	30.0	29.8	29.7	29.4	28.9	28.3	27.8
80	15.6	16.1	16.5	17.2	17.7	18.4	18.7	19.3	19.7	20.0	19.7	19.2	18.7	18.5	18.6	18.2	18.0	17.3	16.9
85	8.25	8.86	9.25	9.99	10.4	11.1	11.4	12.1	12.4	12.6	12.3	11.8	11.2	11.2	11.3	11.0	10.7	10.1	9.66
90	1.04	1.32	1.60	1.89	2.14	2.39	2.51	2.87	3.01	2.98	2.62	2.07	1.53	1.76	2.11	2.35	2.49	2.46	2.42
95	1.01	1.17	1.42	1.57	1.60	1.55	1.46	1.55	1.64	1.59	1.48	1.24	1.03	1.31	1.63	1.81	1.94	1.94	1.97
100	0.96	0.97	1.20	1.34	1.39	1.32	1.23	1.32	1.41	1.33	1.25	1.12	1.11	1.22	1.40	1.61	1.61	1.72	1.80
105	0.90	0.86	1.05	1.19	1.25	1.20	1.11	1.20	1.23	1.18	1.17	0.99	1.07	1.09	1.32	1.39	1.51	1.59	1.69
110	0.81	0.77	0.80	0.98	1.05	1.03	0.96	1.02	0.98	1.07	1.04	0.94	1.02	0.95	1.14	1.34	1.34	1.35	1.48
115	0.72	0.70	0.61	0.85	0.92	0.91	0.84	0.87	0.89	0.96	0.87	0.93	0.99	0.91	1.01	1.17	1.12	1.24	1.37
120	0.60	0.57	0.51	0.49	0.72	0.73	0.68	0.69	0.75	0.77	0.76	0.90	0.94	0.88	0.76	0.95	1.01	1.03	1.13
125	0.48	0.47	0.44	0.38	0.49	0.60	0.56	0.58	0.60	0.59	0.75	0.87	0.91	0.85	0.71	0.77	0.86	0.90	1.01
130	0.31	0.34	0.35	0.34	0.28	0.26	0.26	0.28	0.36	0.56	0.71	0.82	0.85	0.79	0.68	0.56	0.60	0.66	0.77
135	0.23	0.27	0.32	0.33	0.28	0.22	0.16	0.20	0.36	0.55	0.69	0.78	0.81	0.76	0.65	0.52	0.43	0.40	0.54
140	0.19	0.24	0.31	0.32	0.31	0.24	0.19	0.22	0.36	0.52	0.65	0.72	0.74	0.69	0.61	0.49	0.36	0.24	0.26
145	0.21	0.24	0.31	0.33	0.33	0.27	0.23	0.24	0.37	0.50	0.62	0.68	0.69	0.66	0.58	0.48	0.36	0.25	0.27
150	0.24	0.26	0.31	0.34	0.34	0.30	0.28	0.27	0.38	0.48	0.58	0.61	0.63	0.60	0.54	0.45	0.35	0.27	0.29
155	0.27	0.28	0.32	0.35	0.35	0.32	0.30	0.28	0.38	0.46	0.54	0.58	0.58	0.58	0.52	0.44	0.36	0.28	0.30
160	0.30	0.32	0.34	0.36	0.36	0.34	0.31	0.31	0.36	0.44	0.50	0.51	0.52	0.52	0.48	0.43	0.36	0.30	0.31
165	0.33	0.34	0.35	0.36	0.36	0.35	0.32	0.32	0.37	0.42	0.46	0.47	0.48	0.48	0.45	0.42	0.36	0.32	0.31
170	0.35	0.36	0.37	0.37	0.38	0.37	0.35	0.34	0.36	0.39	0.42	0.42	0.42	0.42	0.41	0.39	0.37	0.34	0.35
175	0.36	0.37	0.37	0.38	0.38	0.39	0.36	0.36	0.37	0.39	0.39	0.39	0.38	0.38	0.38	0.38	0.38	0.37	0.36
180	0.39	0.39	0.39	0.39	0.39	0.39	0.38	0.39	0.39	0.40	0.40	0.39	0.39	0.39	0.39	0.40	0.39	0.39	0.38

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

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	120	120	120	120	120														
5	120	120	120	120	120														
10	118	118	118	118	118														
15	116	116	116	116	116														
20	112	111	111	111	111														
25	108	108	107	107	107														
30	101	101	101	100	100														
35	95.7	95.6	95.3	95.2	95.1														
40	86.9	86.7	86.6	86.5	86.5														
45	80.4	80.4	80.2	80.2	80.2														
50	70.4	70.3	70.2	70.3	70.3														
55	63.4	63.4	63.3	63.3	63.4														
60	52.7	52.6	52.5	52.6	52.6														
65	45.5	45.4	45.3	45.3	45.4														
70	34.7	34.6	34.4	34.4	34.3														
75	27.4	27.3	27.0	27.0	26.9														
80	16.4	16.4	16.0	16.0	15.6														
85	9.34	9.23	8.89	8.75	8.47														
90	2.42	2.44	2.23	1.87	1.40														
95	2.01	2.07	1.95	1.67	1.25														
100	1.83	1.89	1.76	1.47	1.07														
105	1.73	1.77	1.64	1.35	0.93														
110	1.52	1.56	1.43	1.16	0.76														
115	1.39	1.42	1.29	0.98	0.72														
120	1.16	1.19	1.01	0.64	0.65														
125	0.9997	1.00	0.79	0.57	0.60														
130	0.74	0.66	0.46	0.48	0.50														
135	0.48	0.42	0.42	0.41	0.42														
140	0.27	0.36	0.39	0.36	0.32														
145	0.29	0.35	0.36	0.35	0.31														
150	0.31	0.35	0.35	0.34	0.29														
155	0.32	0.35	0.35	0.34	0.30														
160	0.35	0.36	0.36	0.34	0.32														
165	0.36	0.36	0.37	0.35	0.33														
170	0.36	0.39	0.38	0.36	0.35														
175	0.38	0.38	0.38	0.38	0.36														
180	0.39	0.39	0.39	0.39	0.39														

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: