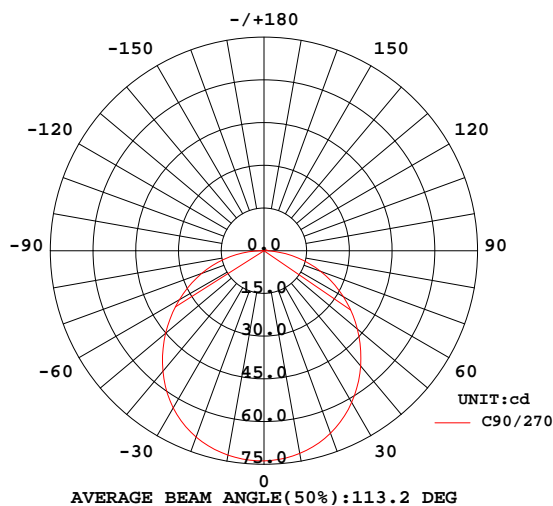


LUMINAIRE PHOTOMETRIC TEST REPORT

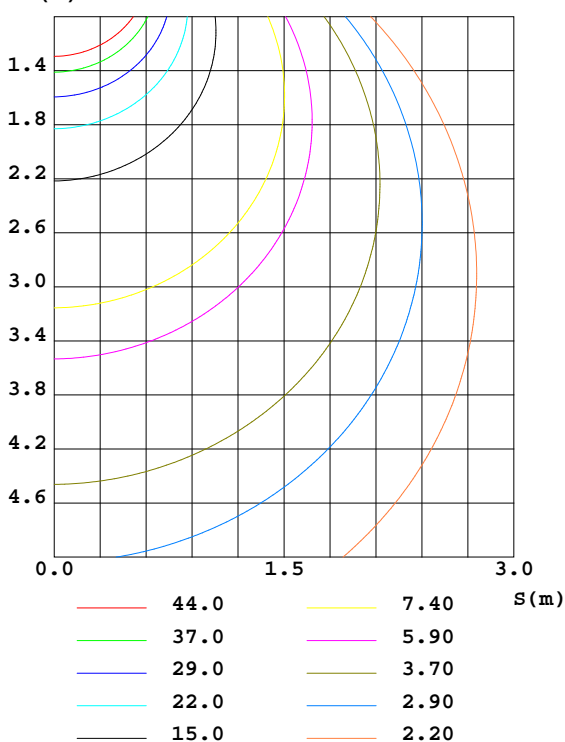
NAME: C-SFR-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 30.87 lm/W			
MODEL	2835	Imax(cd)	73.80	S/MH(C0/180)	1.23
NOMINAL POWER(W)	8	LOR(%)	118.2	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	218.58	η UP,DN(C0-180)	0.5,59.2
NOMINAL FLUX(lm)	185	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,57.7
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	116.9	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:2018-08-18

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	Φ lum, lamp
10	72.03	72.35	72.86	72.87	72.67	72.55	72.26	72.03	0- 10	6.979	6.979	3.19,3.77
20	67.61	68.46	69.65	69.57	68.92	68.76	68.20	67.66	10- 20	20.00	26.98	12.3,14.6
30	60.81	62.10	63.73	63.78	62.68	62.50	61.55	60.91	20- 30	30.29	57.27	26.2,31
40	52.12	53.58	55.23	55.66	54.44	54.12	52.80	52.19	30- 40	36.44	93.71	42.9,50.7
50	42.08	43.46	45.10	45.79	44.71	44.28	42.79	42.15	40- 50	37.76	131.5	60.1,71.1
60	31.26	32.64	34.28	35.06	34.01	33.62	32.13	31.39	50- 60	34.44	165.9	75.9,89.7
70	20.04	21.52	23.29	23.98	22.85	22.62	21.20	20.31	60- 70	27.29	193.2	88.4,104
80	8.461	10.27	12.10	12.77	11.48	11.25	9.979	8.974	70- 80	17.27	210.5	96.3,114
90	0	0.6496	1.714	1.953	0.7276	1.598	1.582	0.9989	80- 90	5.792	216.3	98.9,117
100	0	0.3379	0.7139	0.7268	0.4453	1.063	1.156	0.7789	90-100	0.8666	217.1	99.3,117
110	0	0.2188	0.5750	0.6112	0.4227	0.9210	0.9300	0.5890	100-110	0.6349	217.8	99.6,118
120	0	0.0321	0.4072	0.3602	0.3969	0.5766	0.7005	0.3446	110-120	0.4481	218.2	99.8,118
130	0	0	0.1457	0.0869	0.3162	0.2353	0.4162	0.0067	120-130	0.2384	218.5	99.9,118
140	0	0	0	0.0708	0.2323	0.1224	0.0193	0	130-140	0.0776	218.5	100,118
150	0	0	0	0.0354	0.1516	0.0837	0	0	140-150	0.0267	218.6	100,118
160	0	0.0097	0	0.0225	0.0903	0.0612	0	0.0032	150-160	0.0128	218.6	100,118
170	0	0.0161	0	0.0097	0.0290	0.0290	0	0.0161	160-170	0.0043	218.6	100,118
180	0.0161	0.0258	0	0.0161	0.0097	0.0193	0	0.0193	170-180	0.0011	218.6	100,118
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

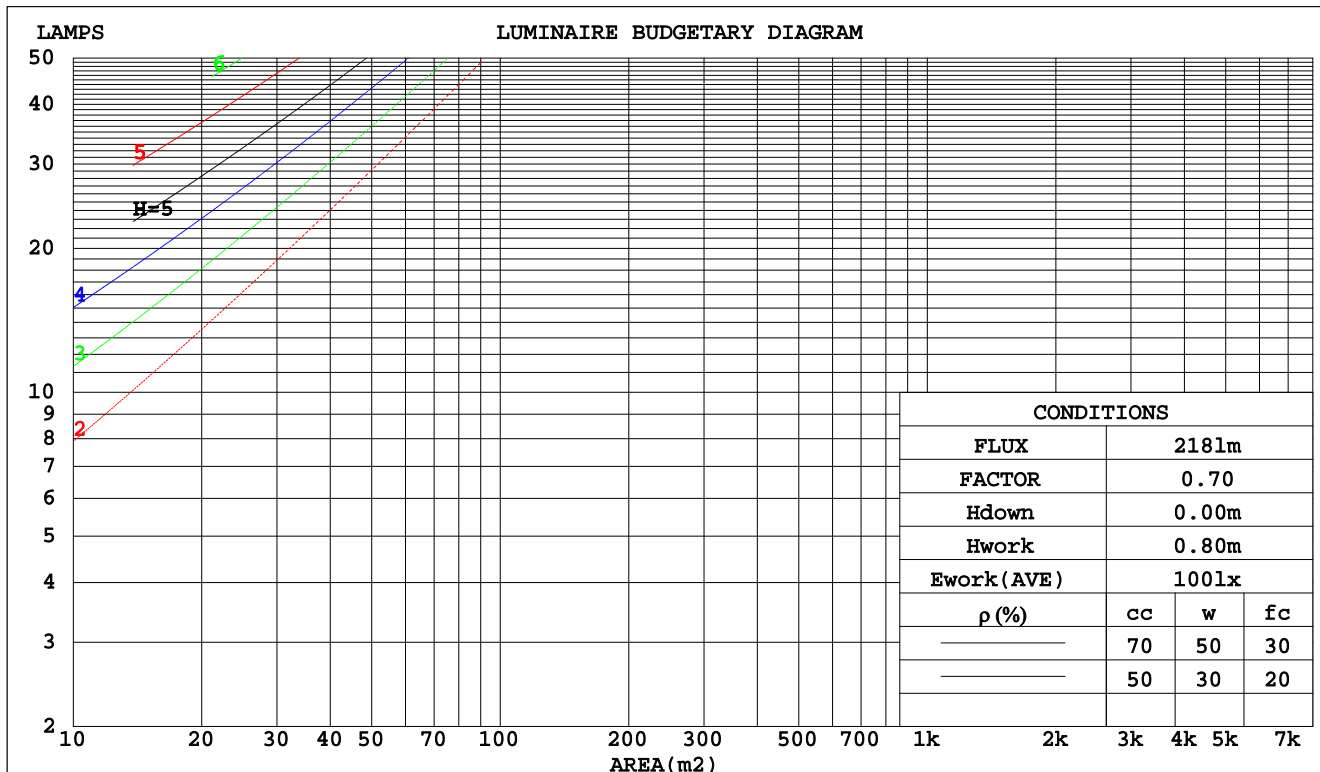
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
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	1.40	1.40	1.40	1.37	1.37	1.37	1.31	1.31	1.31	1.25	1.25	1.25	1.19	1.19	1.19	1.17
1.0	1.22	1.16	1.12	1.19	1.14	1.10	1.14	1.10	1.06	1.09	1.05	1.02	1.04	1.02	.99	.97
2.0	1.06	.97	.90	1.03	.96	.89	.99	.92	.87	.95	.89	.85	.91	.86	.82	.80
3.0	.92	.83	.75	.90	.81	.74	.87	.79	.72	.83	.77	.71	.80	.74	.70	.67
4.0	.82	.71	.63	.80	.70	.62	.77	.68	.61	.74	.67	.60	.71	.65	.60	.57
5.0	.73	.62	.54	.72	.61	.54	.69	.60	.53	.66	.58	.52	.64	.57	.52	.49
6.0	.66	.55	.47	.64	.54	.47	.62	.53	.46	.60	.52	.46	.58	.51	.45	.43
7.0	.59	.49	.42	.58	.48	.41	.56	.47	.41	.55	.47	.41	.53	.46	.40	.38
8.0	.54	.44	.37	.53	.44	.37	.52	.43	.37	.50	.42	.36	.49	.41	.36	.34
9.0	.50	.40	.33	.49	.40	.33	.48	.39	.33	.46	.38	.33	.45	.38	.32	.30
10.0	.46	.36	.30	.45	.36	.30	.44	.36	.30	.43	.35	.30	.42	.35	.29	.27



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
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	.382 .217 .069	.373 .213 .068	.356 .204 .065	.341 .197 .063	.327 .190 .061	
2.0	.354 .194 .060	.347 .191 .059	.332 .185 .057	.319 .179 .056	.306 .173 .055	
3.0	.326 .173 .052	.319 .171 .051	.306 .166 .050	.294 .161 .049	.283 .157 .048	
4.0	.299 .155 .046	.293 .153 .045	.282 .149 .045	.271 .145 .044	.261 .142 .043	
5.0	.276 .140 .041	.270 .139 .040	.260 .135 .040	.251 .132 .039	.242 .129 .039	
6.0	.255 .128 .037	.250 .126 .036	.241 .124 .036	.233 .121 .036	.225 .118 .035	
7.0	.237 .117 .033	.233 .116 .033	.224 .113 .033	.217 .111 .032	.210 .109 .032	
8.0	.221 .108 .030	.217 .107 .030	.210 .105 .030	.203 .103 .030	.196 .101 .029	
9.0	.207 .100 .028	.203 .099 .028	.197 .097 .028	.191 .096 .027	.185 .094 .027	
10.0	.194 .093 .026	.191 .092 .026	.185 .091 .026	.180 .089 .025	.174 .088 .025	

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	.235 .235 .235	.200 .200 .200	.137 .137 .137	.079 .079 .079	.025 .025 .025	
1.0	.224 .194 .167	.191 .166 .144	.131 .115 .099	.075 .066 .058	.024 .021 .019	
2.0	.214 .165 .124	.184 .142 .107	.126 .099 .075	.073 .057 .044	.023 .019 .014	
3.0	.205 .145 .097	.176 .125 .084	.121 .087 .059	.070 .051 .035	.022 .016 .011	
4.0	.196 .129 .078	.168 .112 .068	.116 .078 .048	.067 .046 .028	.022 .015 .009	
5.0	.187 .117 .065	.161 .101 .057	.111 .071 .040	.064 .042 .024	.021 .014 .008	
6.0	.179 .107 .056	.154 .093 .048	.106 .065 .034	.062 .038 .020	.020 .012 .007	
7.0	.171 .099 .049	.147 .086 .043	.101 .060 .030	.059 .035 .018	.019 .012 .006	
8.0	.163 .092 .044	.140 .080 .038	.097 .056 .027	.056 .033 .016	.018 .011 .005	
9.0	.156 .086 .039	.134 .075 .034	.093 .053 .024	.054 .031 .015	.018 .010 .005	
10.0	.149 .081 .036	.128 .071 .032	.089 .050 .022	.052 .029 .013	.017 .010 .004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M					TYPE:					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					Viewed endwise				
x = 2H y = 2H	17.5	19.1	17.8	19.3	19.5	17.9	19.4	18.2	19.6	19.9				
3H	19.1	20.5	19.4	20.8	21.0	19.6	21.0	19.9	21.3	21.6				
4H	19.7	21.1	20.1	21.4	21.6	20.4	21.8	20.8	22.0	22.3				
6H	20.2	21.5	20.6	21.8	22.1	21.1	22.4	21.4	22.7	23.0				
8H	20.3	21.6	20.7	21.9	22.2	21.4	22.6	21.7	22.9	23.2				
12H	20.4	21.5	20.7	21.9	22.2	21.6	22.7	21.9	23.1	23.4				
4H 2H	18.2	19.6	18.5	19.8	20.1	18.5	19.8	18.8	20.1	20.4				
3H	20.0	21.2	20.3	21.5	21.8	20.4	21.6	20.8	21.9	22.3				
4H	20.8	21.8	21.1	22.2	22.5	21.4	22.4	21.7	22.8	23.1				
6H	21.3	22.3	21.8	22.7	23.1	22.2	23.1	22.6	23.5	23.9				
8H	21.5	22.4	22.0	22.8	23.2	22.5	23.4	22.9	23.8	24.2				
12H	21.6	22.4	22.0	22.8	23.3	22.8	23.6	23.2	24.0	24.5				
8H 4H	21.1	22.0	21.5	22.4	22.8	21.6	22.5	22.1	22.9	23.3				
6H	21.9	22.6	22.3	23.0	23.5	22.6	23.4	23.1	23.8	24.3				
8H	22.1	22.8	22.6	23.2	23.7	23.1	23.7	23.6	24.2	24.7				
12H	22.3	22.8	22.8	23.3	23.8	23.5	24.0	24.0	24.5	25.0				
12H 4H	21.2	22.0	21.6	22.4	22.8	21.7	22.5	22.1	22.9	23.3				
6H	22.0	22.6	22.4	23.1	23.6	22.7	23.4	23.2	23.8	24.3				
8H	22.3	22.9	22.8	23.3	23.8	23.2	23.8	23.7	24.2	24.7				
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 185.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/

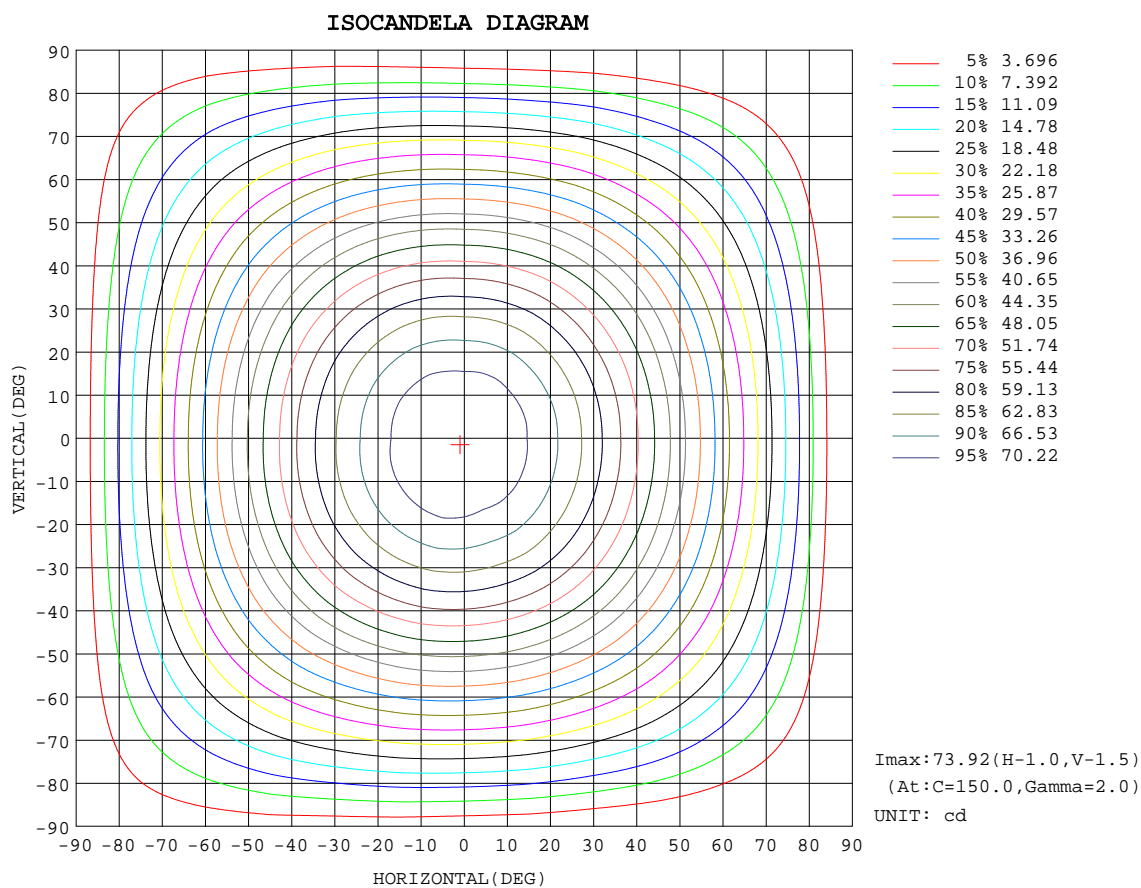
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	67	53	45	66	53	45	64	52	44	37
0.80	79	65	56	77	64	56	75	63	55	47
1.00	88	75	66	87	74	66	84	76	65	56
1.25	97	84	75	95	83	75	92	81	74	65
1.50	103	91	82	101	89	81	97	87	80	71
2.00	111	100	92	108	99	91	104	96	90	80
2.50	115	106	98	113	104	97	108	101	95	85
3.00	120	111	104	117	109	103	112	106	100	90
4.00	124	117	112	121	115	110	116	111	107	96
5.00	127	121	116	124	119	114	119	114	111	99
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:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT: 325g/m
DIM.:	SPEC.: 16*17	SERIAL No.:
MFR.:	SUR.: 16*1000	PROTECTION ANGLE: /

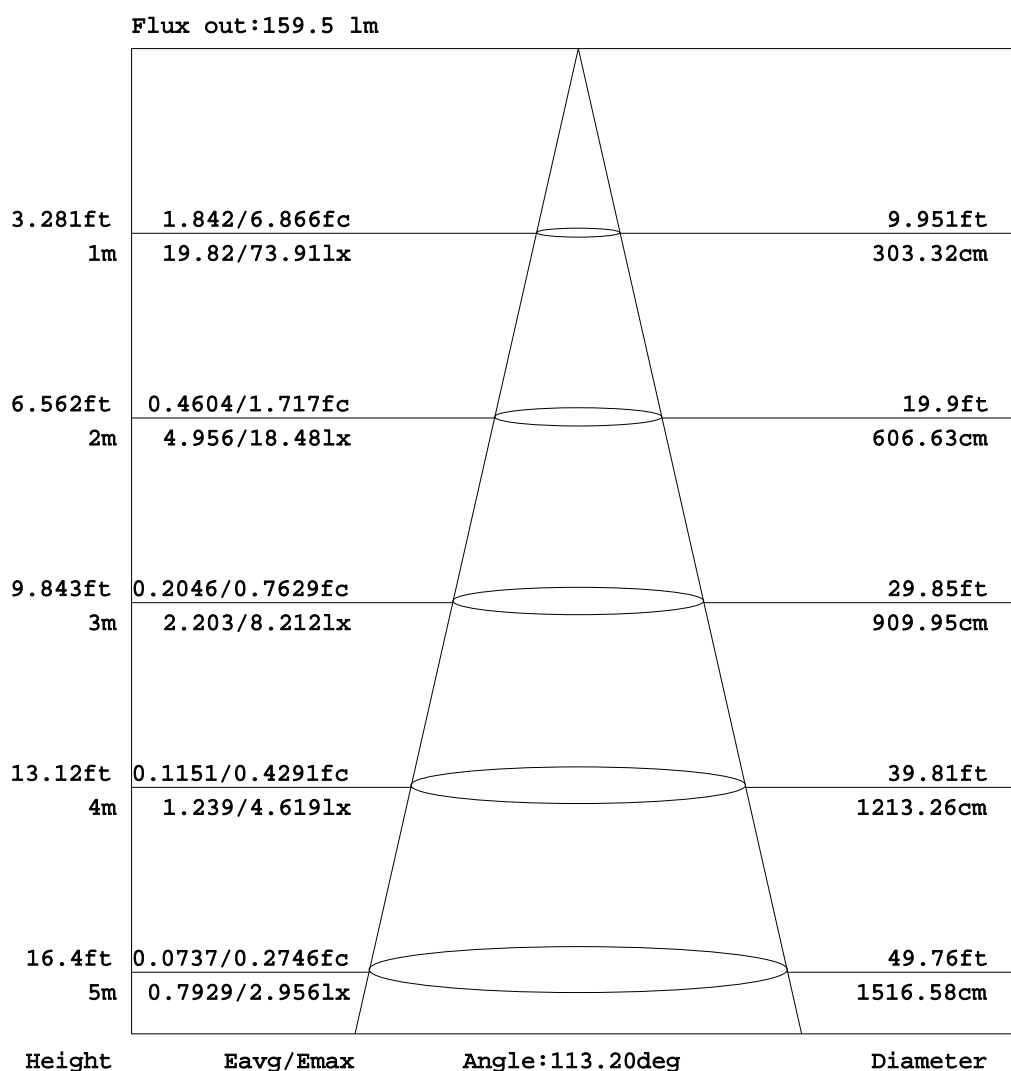


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/



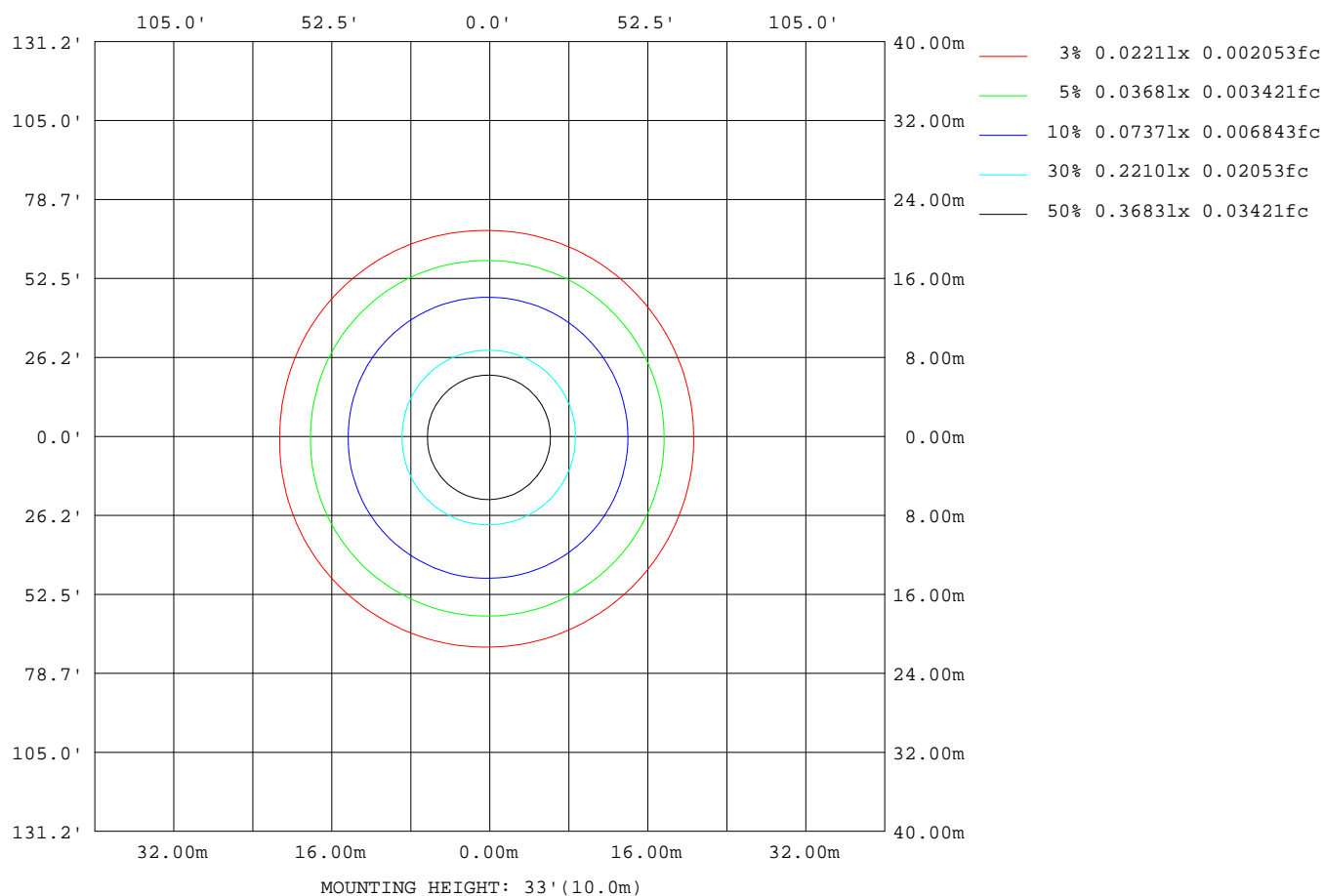
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT: 325g/m
DIM.:	SPEC.: 16*17	SERIAL No.:
MFR.:	SUR.: 16*1000	PROTECTION ANGLE: /



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
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	185	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	4003	4021	4049	4084	4128	4175	4221	4271	4307	4328	4355	4374	4385	4406	4412	4397	4365	4328	4297
60	3908	3933	3963	4000	4053	4105	4155	4218	4262	4285	4317	4337	4347	4373	4382	4365	4332	4290	4251
65	3799	3832	3868	3912	3976	4039	4099	4178	4232	4259	4297	4320	4332	4360	4369	4349	4313	4262	4211
70	3661	3702	3752	3813	3891	3972	4053	4147	4216	4257	4304	4331	4343	4371	4379	4355	4305	4238	4176
75	3448	3513	3584	3668	3785	3897	4000	4132	4227	4280	4344	4380	4391	4432	4436	4390	4324	4231	4140
80	3045	3166	3285	3416	3601	3773	3926	4132	4278	4354	4461	4510	4510	4575	4582	4510	4423	4283	4130
85	1874	2161	2429	2708	3103	3449	3740	4141	4439	4612	4820	4914	4916	5028	5020	4856	4661	4348	4015

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	5028	200	---	500
Category 2	65 to 90	5028	200	---	500
Category 3	75 to 90	5028	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:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	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	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
5	73.4	73.4	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.6	73.6	73.6	73.6	73.6	73.5
10	72.0	72.1	72.2	72.3	72.5	72.6	72.9	72.9	72.9	72.9	72.8	72.8	72.7	72.6	72.6	72.5	72.6	72.5	72.3
15	70.6	70.7	70.8	71.1	71.4	71.6	71.9	72.0	71.9	71.8	71.7	71.6	71.5	71.4	71.4	71.3	71.4	71.3	71.0
20	67.6	67.7	68.0	68.5	69.0	69.3	69.6	69.7	69.7	69.6	69.4	69.1	68.9	68.9	68.8	68.8	68.8	68.7	68.2
25	65.1	65.3	65.7	66.2	66.8	67.2	67.6	67.7	67.6	67.5	67.3	66.9	66.7	66.6	66.6	66.5	66.5	66.4	65.8
30	60.8	61.0	61.5	62.1	62.9	63.3	63.7	63.9	63.9	63.8	63.5	63.0	62.7	62.6	62.6	62.5	62.4	62.2	61.5
35	57.5	57.8	58.3	58.9	59.7	60.2	60.6	60.8	60.8	60.8	60.5	60.0	59.6	59.5	59.5	59.3	59.2	58.9	58.3
40	52.1	52.4	52.9	53.6	54.3	54.9	55.2	55.5	55.6	55.7	55.4	54.8	54.4	54.4	54.3	54.1	53.9	53.5	52.8
45	48.2	48.5	49.0	49.7	50.4	51.0	51.3	51.6	51.8	51.9	51.6	51.1	50.7	50.6	50.6	50.3	50.1	49.6	48.9
50	42.1	42.4	42.8	43.5	44.1	44.8	45.1	45.4	45.6	45.8	45.6	45.1	44.7	44.6	44.5	44.3	44.0	43.5	42.8
55	37.8	38.1	38.6	39.2	39.8	40.5	40.8	41.1	41.3	41.6	41.4	40.9	40.5	40.4	40.4	40.1	39.8	39.3	38.6
60	31.3	31.6	32.0	32.6	33.2	34.0	34.3	34.6	34.8	35.1	34.9	34.5	34.0	33.9	33.9	33.6	33.3	32.8	32.1
65	26.8	27.1	27.6	28.2	28.8	29.6	29.9	30.3	30.4	30.7	30.5	30.1	29.6	29.5	29.5	29.2	28.9	28.4	27.8
70	20.0	20.4	20.9	21.5	22.2	22.9	23.3	23.7	23.8	24.0	23.8	23.4	22.9	22.8	22.8	22.6	22.3	21.8	21.2
75	15.4	15.8	16.3	17.1	17.7	18.5	18.8	19.2	19.3	19.5	19.3	18.9	18.3	18.3	18.3	18.1	17.8	17.3	16.7
80	8.46	8.97	9.49	10.3	10.9	11.7	12.1	12.5	12.5	12.8	12.5	12.1	11.5	11.4	11.5	11.2	11.0	10.5	9.98
85	3.77	4.34	4.90	5.73	6.37	7.16	7.58	7.97	8.01	8.20	7.93	7.47	6.74	6.78	6.89	6.70	6.46	5.96	5.47
90	0.00	0.00	0.21	0.65	1.08	1.52	1.71	1.95	1.95	1.95	1.69	1.23	0.73	0.98	1.34	1.60	1.72	1.68	1.58
95	0.00	0.00	0.12	0.43	0.67	0.84	0.83	0.91	0.92	0.87	0.80	0.60	0.42	0.71	1.05	1.33	1.44	1.38	1.41
100	0.00	0.00	0.04	0.34	0.57	0.74	0.71	0.79	0.82	0.73	0.63	0.53	0.45	0.59	0.88	1.06	1.27	1.32	1.16
105	0.00	0.00	0.01	0.29	0.51	0.67	0.66	0.72	0.76	0.59	0.63	0.49	0.45	0.52	0.84	1.01	1.05	1.07	1.10
110	0.00	0.00	0.00	0.22	0.44	0.59	0.58	0.65	0.66	0.61	0.53	0.39	0.42	0.41	0.70	0.92	0.98	1.02	0.93
115	0.00	0.00	0.00	0.17	0.39	0.52	0.51	0.57	0.58	0.51	0.45	0.38	0.42	0.40	0.58	0.77	0.93	0.92	0.86
120	0.00	0.00	0.00	0.03	0.27	0.43	0.41	0.46	0.41	0.36	0.27	0.36	0.40	0.38	0.36	0.58	0.66	0.76	0.70
125	0.00	0.00	0.00	0.00	0.16	0.34	0.31	0.36	0.28	0.23	0.22	0.33	0.36	0.35	0.29	0.44	0.52	0.60	0.58
130	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.17	0.08	0.09	0.19	0.30	0.32	0.31	0.25	0.24	0.31	0.39	0.42
135	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.01	0.00	0.08	0.18	0.27	0.28	0.28	0.22	0.15	0.15	0.22	0.25
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.15	0.22	0.23	0.22	0.18	0.12	0.03	0.00	0.02
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.13	0.20	0.21	0.20	0.15	0.10	0.01	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.15	0.15	0.15	0.13	0.08	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.04	0.09	0.12	0.13	0.13	0.10	0.08	0.00	0.00	0.00
160	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.02	0.05	0.09	0.09	0.08	0.07	0.06	0.00	0.00	0.00
165	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.03	0.06	0.05	0.05	0.05	0.05	0.01	0.00	0.00
170	0.00	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.04	0.03	0.03	0.03	0.03	0.01	0.00	0.00
175	0.00	0.02	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.03	0.02	0.02	0.02	0.03	0.02	0.00	0.00
180	0.02	0.03	0.02	0.03	0.01	0.02	0.00	0.00	0.00	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-F22B-VB-D24CC-A-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	73.8	73.8	73.8	73.8	73.8														
5	73.4	73.4	73.4	73.4	73.4														
10	72.2	72.1	72.0	72.0	72.0														
15	70.8	70.8	70.6	70.5	70.5														
20	68.0	67.9	67.7	67.5	67.5														
25	65.6	65.5	65.2	65.1	65.0														
30	61.3	61.2	60.9	60.7	60.7														
35	58.0	57.9	57.6	57.4	57.4														
40	52.6	52.5	52.2	52.0	52.0														
45	48.7	48.5	48.3	48.1	48.1														
50	42.5	42.5	42.1	42.0	42.0														
55	38.3	38.2	37.9	37.8	37.7														
60	31.9	31.7	31.4	31.2	31.1														
65	27.5	27.4	27.0	26.8	26.7														
70	20.9	20.8	20.3	20.1	20.0														
75	16.4	16.3	15.8	15.5	15.4														
80	9.64	9.52	8.97	8.72	8.43														
85	5.20	5.02	4.53	4.15	3.86														
90	1.55	1.34	0.9989	0.53	0.04														
95	1.39	1.21	0.89	0.45	0.00														
100	1.30	1.10	0.78	0.35	0.00														
105	1.23	1.03	0.71	0.29	0.00														
110	1.07	0.90	0.59	0.17	0.00														
115	0.97	0.80	0.50	0.09	0.00														
120	0.77	0.62	0.34	0.00	0.00														
125	0.64	0.50	0.22	0.00	0.00														
130	0.44	0.30	0.01	0.00	0.00														
135	0.25	0.10	0.00	0.00	0.00														
140	0.01	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	0.02	0.00	0.00														
175	0.00	0.00	0.01	0.01	0.01														
180	0.00	0.00	0.02	0.02	0.01														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.257
Humidity:45.0%
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