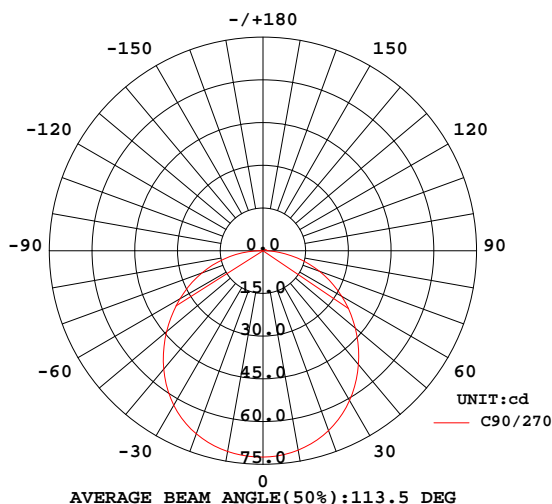


LUMINAIRE PHOTOMETRIC TEST REPORT

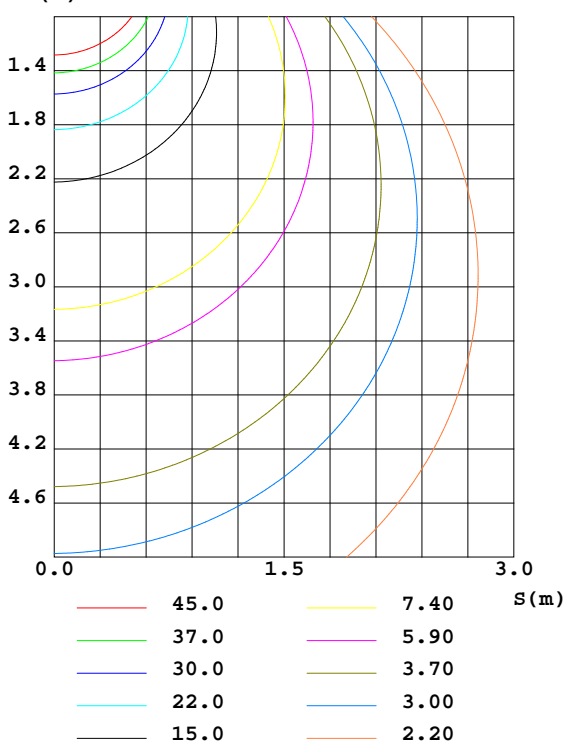
NAME: C-SFR-F22B-VB-D24CC-R-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 30.47 lm/W			
MODEL	2835	Imax(cd)	72.48	S/MH(C0/180)	1.23
NOMINAL POWER(W)	8	LOR(%)	116.6	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	215.74	η UP,DN(C0-180)	0.6,58.2
NOMINAL FLUX(lm)	185	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,56.9
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	115.1	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:2018-08-17

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	70.74	71.07	71.55	71.58	71.40	71.29	71.08	70.79	0- 10	6.856	6.856	3.18,3.71
20	66.38	67.30	68.45	68.38	67.71	67.62	67.22	66.59	10- 20	19.65	26.51	12.3,14.3
30	59.70	61.13	62.67	62.74	61.60	61.51	60.75	59.97	20- 30	29.79	56.31	26.1,30.4
40	51.16	52.76	54.24	54.79	53.47	53.26	52.14	51.39	30- 40	35.85	92.16	42.7,49.8
50	41.35	42.76	44.22	45.05	43.92	43.59	42.32	41.54	40- 50	37.15	129.3	59.9,69.9
60	30.75	32.10	33.62	34.51	33.46	33.11	31.87	30.99	50- 60	33.90	163.2	75.6,88.2
70	19.72	21.20	22.85	23.65	22.71	22.30	21.12	20.13	60- 70	26.91	190.1	88.1,103
80	8.343	10.13	11.85	12.63	11.45	11.10	10.09	8.957	70- 80	17.09	207.2	96,112
90	0.0001	0.8023	1.864	2.105	0.7629	1.749	1.828	1.172	80- 90	5.817	213.0	98.7,115
100	0	0.4646	0.8904	0.8282	0.4578	1.193	1.369	0.9257	90-100	0.9940	214.0	99.2,116
110	0	0.3097	0.7306	0.6966	0.4472	0.9866	1.131	0.6839	100-110	0.7294	214.7	99.5,116
120	0	0.0180	0.5083	0.3704	0.4090	0.5581	0.8270	0.3553	110-120	0.5051	215.2	99.8,116
130	0	0.0000	0.1315	0.1867	0.3454	0.2299	0.4523	0.0395	120-130	0.2546	215.5	99.9,116
140	0	0.0285	0.0340	0.1682	0.2845	0.1834	0.1021	0.0526	130-140	0.0970	215.6	99.9,117
150	0	0.0697	0.0864	0.1315	0.2311	0.1369	0.1073	0.0631	140-150	0.0628	215.7	100,117
160	0.0304	0.0775	0.0812	0.1131	0.1677	0.1239	0.0628	0.0710	150-160	0.0428	215.7	100,117
170	0.0737	0.0981	0.0576	0.0999	0.1194	0.1059	0.0681	0.0789	160-170	0.0246	215.7	100,117
180	0.1016	0.1033	0.0707	0.0894	0.1016	0.0981	0.0785	0.0789	170-180	0.0083	215.7	100,117
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

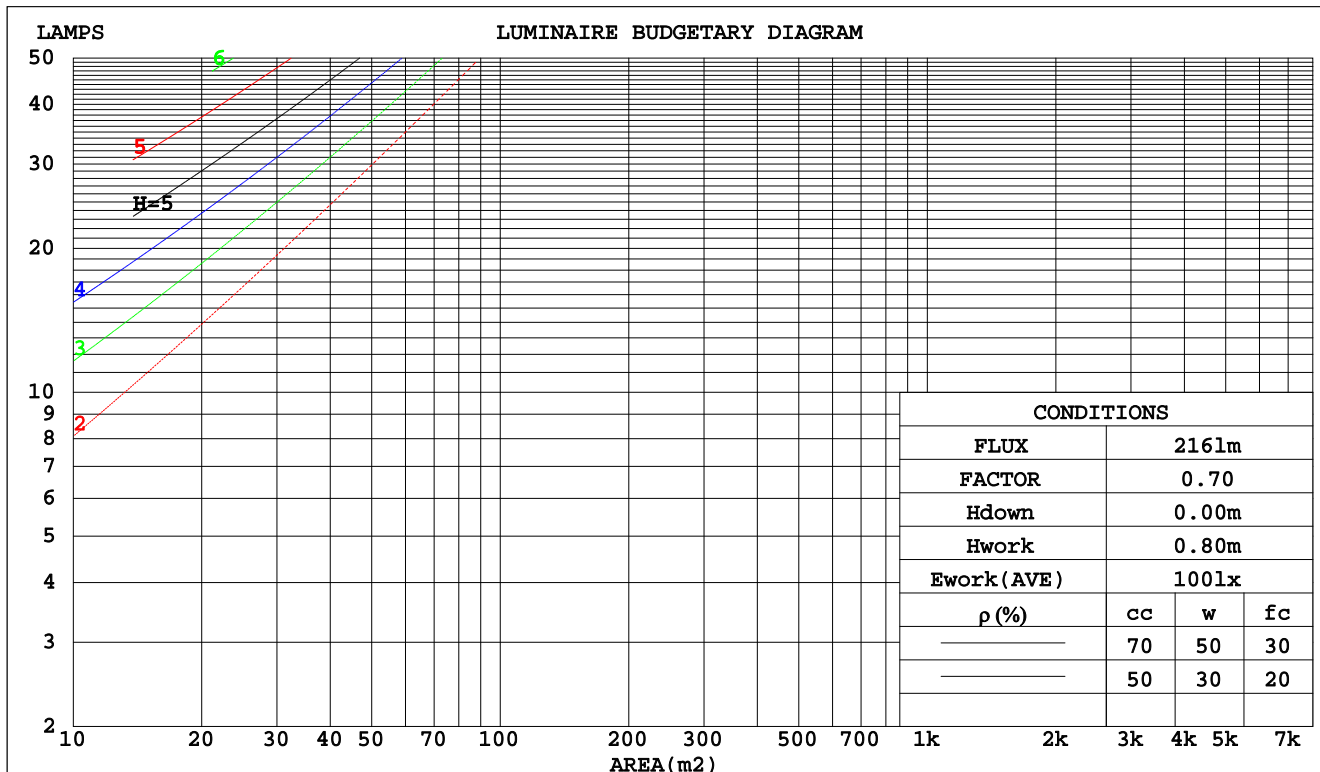
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-17

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-R-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	Coefficients of Utilization(CU)															
0.0	1.38	1.38	1.38	1.35	1.35	1.35	1.29	1.29	1.29	1.23	1.23	1.23	1.18	1.18	1.18	1.15
1.0	1.20	1.15	1.10	1.17	1.12	1.08	1.12	1.08	1.04	1.07	1.04	1.01	1.03	1.00	.98	.95
2.0	1.04	.96	.89	1.02	.94	.88	.97	.91	.85	.93	.88	.83	.89	.85	.81	.78
3.0	.91	.81	.74	.89	.80	.73	.85	.78	.71	.82	.75	.70	.79	.73	.68	.66
4.0	.81	.70	.62	.79	.69	.62	.76	.67	.61	.73	.65	.60	.70	.64	.59	.56
5.0	.72	.61	.53	.70	.60	.53	.68	.59	.52	.65	.58	.51	.63	.56	.51	.48
6.0	.65	.54	.46	.63	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.42
7.0	.59	.48	.41	.58	.48	.41	.56	.47	.40	.54	.46	.40	.52	.45	.40	.37
8.0	.53	.43	.36	.53	.43	.36	.51	.42	.36	.49	.41	.36	.48	.41	.35	.33
9.0	.49	.39	.33	.48	.39	.33	.47	.38	.32	.45	.38	.32	.44	.37	.32	.30
10.0	.45	.36	.30	.45	.36	.30	.43	.35	.29	.42	.35	.29	.41	.34	.29	.27



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-17

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-R-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	.377	.215	.068	.369	.210	.067	.352	.202	.065	.337	.194	.062	.323	.187	.060		
2.0	.350	.192	.059	.342	.189	.058	.328	.182	.057	.315	.176	.055	.302	.171	.054		
3.0	.322	.171	.051	.315	.169	.051	.302	.164	.050	.290	.159	.049	.279	.154	.048		
4.0	.295	.154	.045	.289	.151	.045	.278	.147	.044	.267	.144	.043	.257	.140	.043		
5.0	.272	.139	.040	.267	.137	.040	.257	.134	.039	.247	.130	.039	.238	.127	.038		
6.0	.252	.126	.036	.247	.125	.036	.238	.122	.035	.229	.119	.035	.221	.117	.035		
7.0	.234	.116	.033	.230	.114	.033	.221	.112	.032	.214	.110	.032	.207	.107	.032		
8.0	.218	.107	.030	.214	.106	.030	.207	.103	.030	.200	.101	.029	.194	.099	.029		
9.0	.204	.099	.028	.201	.098	.027	.194	.096	.027	.188	.094	.027	.182	.092	.027		
10.0	.192	.092	.026	.189	.091	.025	.183	.090	.025	.177	.088	.025	.172	.086	.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	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025	
1.0	.223	.193	.167	.191	.166	.143	.130	.114	.099	.075	.066	.058	.024	.021	.019	
2.0	.214	.165	.124	.183	.142	.108	.125	.098	.075	.072	.057	.044	.023	.019	.014	
3.0	.205	.145	.097	.175	.125	.084	.120	.087	.059	.070	.051	.035	.022	.016	.011	
4.0	.196	.129	.079	.168	.112	.068	.115	.078	.048	.067	.046	.029	.021	.015	.009	
5.0	.187	.117	.066	.160	.101	.057	.111	.071	.041	.064	.042	.024	.021	.014	.008	
6.0	.178	.108	.057	.153	.093	.049	.106	.065	.035	.061	.038	.021	.020	.013	.007	
7.0	.170	.100	.050	.146	.086	.044	.101	.061	.031	.059	.036	.018	.019	.012	.006	
8.0	.163	.093	.045	.140	.081	.039	.097	.057	.028	.056	.033	.017	.018	.011	.005	
9.0	.155	.087	.041	.134	.076	.036	.093	.053	.025	.054	.031	.015	.018	.010	.005	
10.0	.149	.082	.038	.128	.071	.033	.089	.050	.023	.052	.030	.014	.017	.010	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-17

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-R-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					17.6	19.1	17.9	19.3	19.6	17.8	19.3	18.1	19.6	19.8
3H					19.2	20.6	19.5	20.8	21.1	19.5	21.0	19.9	21.2	21.5
4H					19.8	21.1	20.1	21.4	21.7	20.3	21.7	20.7	21.9	22.2
6H					20.3	21.5	20.6	21.8	22.1	21.0	22.3	21.3	22.6	22.9
8H					20.4	21.6	20.8	21.9	22.2	21.2	22.5	21.6	22.8	23.1
12H					20.4	21.6	20.8	21.9	22.3	21.4	22.6	21.8	22.9	23.3
4H 2H					18.2	19.6	18.6	19.9	20.1	18.4	19.8	18.8	20.0	20.3
3H					20.0	21.2	20.4	21.5	21.8	20.3	21.5	20.7	21.8	22.2
4H					20.8	21.9	21.2	22.2	22.6	21.3	22.3	21.7	22.7	23.1
6H					21.4	22.4	21.8	22.7	23.1	22.1	23.0	22.5	23.4	23.8
8H					21.6	22.5	22.0	22.9	23.3	22.4	23.3	22.9	23.7	24.1
12H					21.6	22.5	22.1	22.9	23.3	22.7	23.5	23.1	23.9	24.4
8H 4H					21.1	22.0	21.6	22.4	22.8	21.6	22.5	22.0	22.8	23.3
6H					21.9	22.7	22.4	23.1	23.5	22.5	23.3	23.0	23.7	24.2
8H					22.2	22.8	22.6	23.3	23.8	23.0	23.7	23.5	24.1	24.6
12H					22.3	22.9	22.8	23.3	23.9	23.4	23.9	23.9	24.4	24.9
12H 4H					21.2	22.0	21.6	22.4	22.8	21.6	22.4	22.0	22.8	23.2
6H					22.0	22.7	22.5	23.1	23.6	22.6	23.3	23.1	23.7	24.2
8H					22.3	22.9	22.8	23.4	23.9	23.1	23.7	23.6	24.1	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:2018-08-17

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

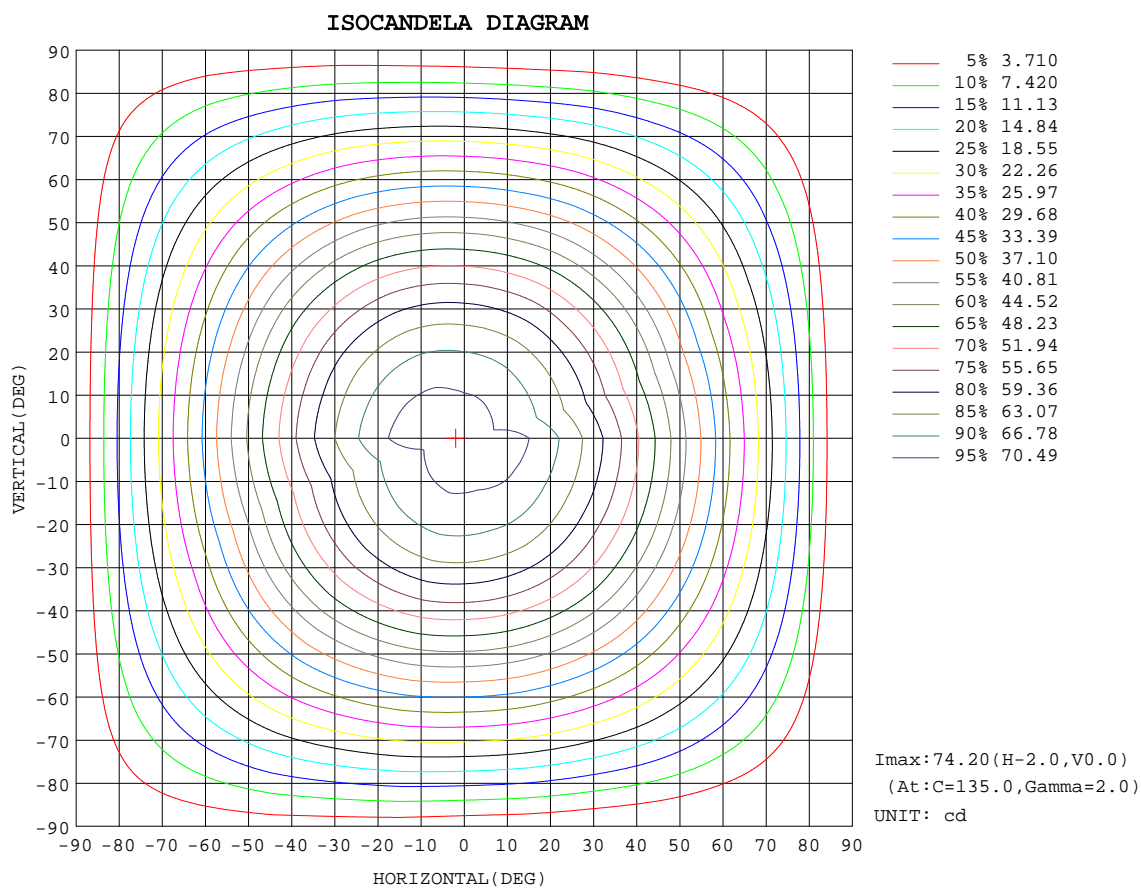
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	66	52	44	65	52	44	64	51	44	36
0.80	77	64	55	76	63	55	74	62	54	46
1.00	87	74	65	86	73	65	83	75	64	55
1.25	95	83	74	93	82	74	90	80	73	64
1.50	101	89	81	99	88	80	95	86	79	70
2.00	109	99	91	107	97	90	103	95	88	79
2.50	114	104	97	111	103	96	107	99	94	83
3.00	118	109	103	115	108	101	110	104	99	88
4.00	123	116	110	120	114	108	115	109	105	94
5.00	126	120	115	123	117	113	117	113	109	98
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:2018-08-17

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

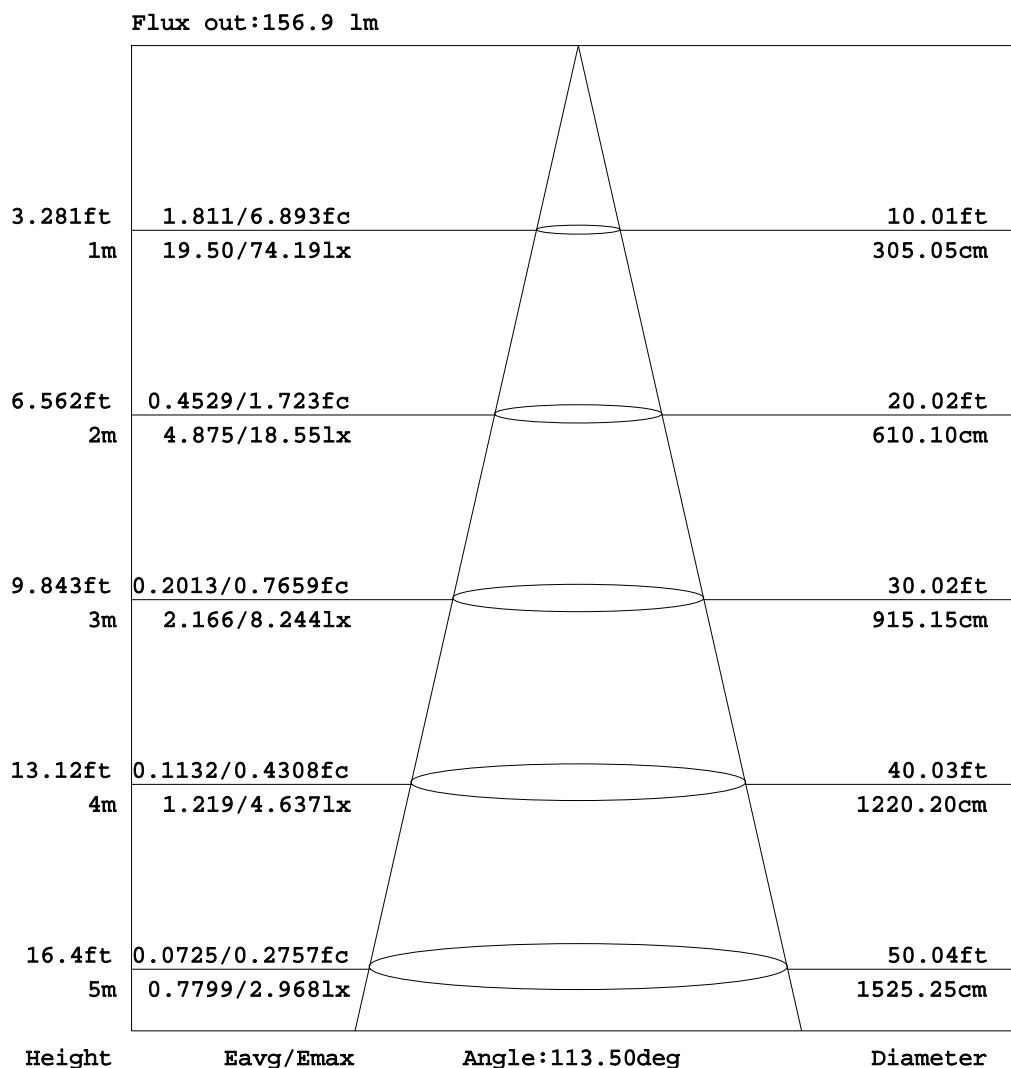


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-17

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



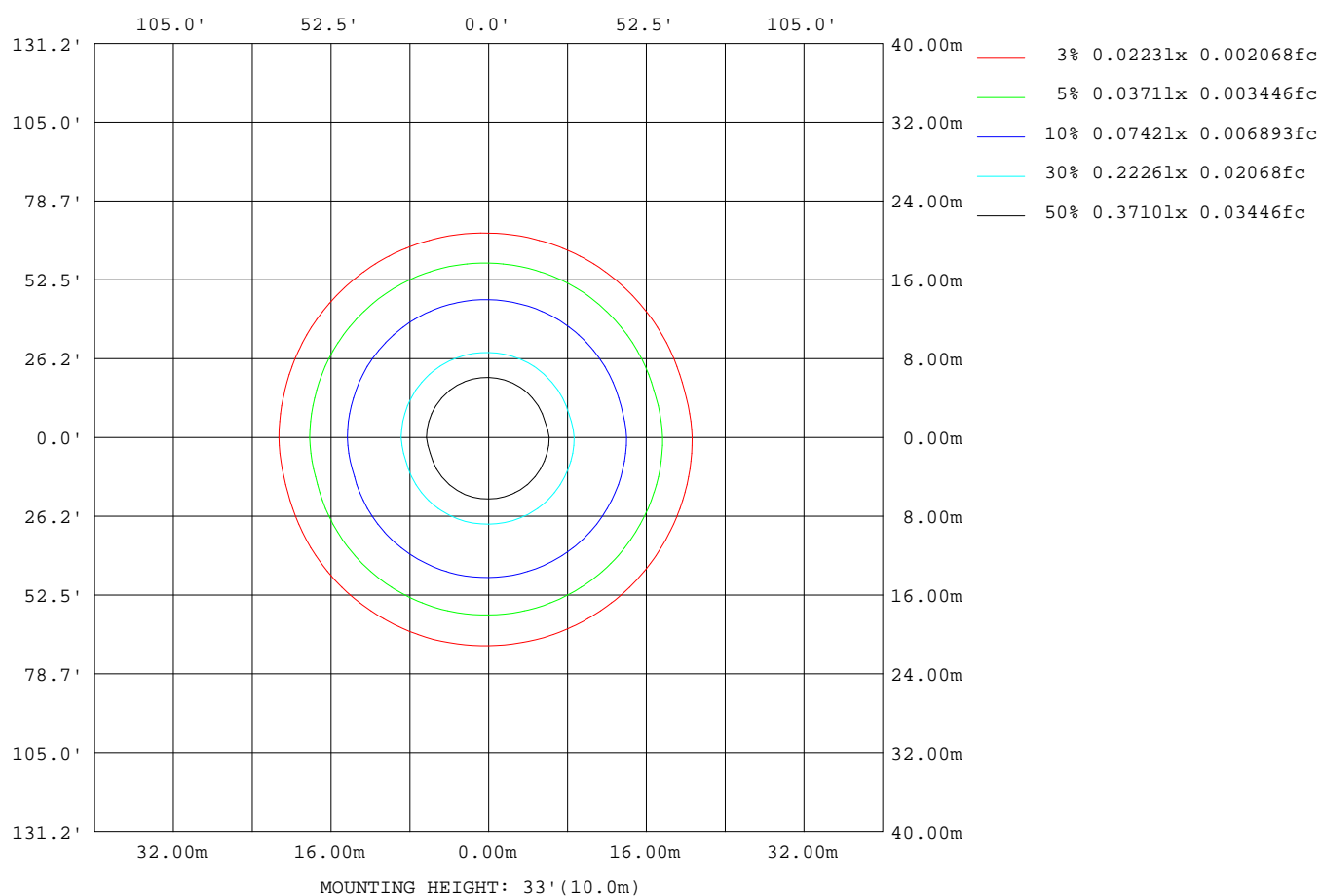
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-17

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-R-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:2018-08-17

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-R-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	3934	3957	3984	4017	4062	4105	4144	4192	4224	4243	4282	4309	4319	4339	4340	4318	4285	4254	4230
60	3843	3870	3900	3935	3986	4036	4083	4140	4180	4203	4247	4276	4287	4308	4309	4286	4252	4214	4182
65	3738	3774	3809	3849	3912	3974	4031	4102	4150	4180	4232	4266	4277	4300	4299	4270	4230	4186	4149
70	3604	3645	3693	3750	3831	3910	3984	4073	4137	4176	4239	4280	4295	4318	4310	4271	4235	4192	4150
75	3395	3461	3530	3609	3727	3834	3928	4056	4144	4194	4282	4335	4349	4380	4376	4335	4301	4239	4167
80	3003	3119	3236	3366	3553	3717	3854	4048	4186	4265	4401	4476	4484	4534	4523	4446	4381	4261	4120
85	1876	2151	2410	2683	3075	3418	3701	4079	4347	4506	4777	4920	4925	5008	4961	4768	4586	4303	4009

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	5008	200	---	500
Category 2	65 to 90	5008	200	---	500
Category 3	75 to 90	5008	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:2018-08-17

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-R-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	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
5	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.3	72.3	72.3	72.3	72.3	72.3	72.2
10	70.7	70.8	70.9	71.1	71.2	71.4	71.5	71.6	71.6	71.6	71.5	71.4	71.4	71.4	71.4	71.3	71.4	71.3	71.1
15	69.3	69.4	69.6	69.9	70.1	70.4	70.6	70.7	70.6	70.6	70.4	70.3	70.3	70.2	70.2	70.1	70.2	70.1	69.9
20	66.4	66.5	66.8	67.3	67.8	68.1	68.4	68.6	68.5	68.4	68.1	67.8	67.7	67.6	67.7	67.6	67.7	67.6	67.2
25	63.9	64.2	64.5	65.1	65.7	66.1	66.5	66.7	66.6	66.4	66.0	65.7	65.5	65.4	65.5	65.4	65.5	65.4	64.9
30	59.7	60.0	60.4	61.1	61.8	62.3	62.7	63.0	62.9	62.7	62.3	61.8	61.6	61.5	61.6	61.5	61.5	61.3	60.8
35	56.5	56.8	57.3	58.0	58.7	59.2	59.6	59.9	59.9	59.8	59.4	58.9	58.6	58.4	58.6	58.4	58.4	58.1	57.5
40	51.2	51.5	52.0	52.8	53.4	53.9	54.2	54.7	54.7	54.8	54.3	53.8	53.5	53.4	53.4	53.3	53.1	52.8	52.1
45	47.4	47.7	48.2	48.9	49.5	50.1	50.4	50.8	51.0	51.1	50.7	50.2	49.8	49.7	49.7	49.5	49.3	48.9	48.3
50	41.3	41.7	42.1	42.8	43.3	43.9	44.2	44.7	44.9	45.0	44.8	44.3	43.9	43.8	43.8	43.6	43.3	42.9	42.3
55	37.2	37.5	37.9	38.5	39.1	39.7	40.0	40.5	40.7	40.9	40.7	40.2	39.9	39.7	39.8	39.5	39.3	38.8	38.2
60	30.7	31.1	31.5	32.1	32.7	33.3	33.6	34.1	34.3	34.5	34.3	33.9	33.5	33.4	33.4	33.1	32.9	32.4	31.9
65	26.4	26.7	27.1	27.8	28.3	29.0	29.3	29.9	30.0	30.2	30.0	29.6	29.1	29.0	29.1	28.8	28.6	28.2	27.6
70	19.7	20.1	20.5	21.2	21.8	22.5	22.9	23.4	23.5	23.6	23.4	23.1	22.7	22.6	22.6	22.3	22.1	21.6	21.1
75	15.2	15.6	16.1	16.8	17.4	18.1	18.5	19.0	19.1	19.3	19.1	18.8	18.4	18.3	18.1	17.9	17.7	17.2	16.7
80	8.34	8.83	9.35	10.1	10.7	11.5	11.8	12.4	12.5	12.6	12.4	12.1	11.4	11.3	11.4	11.1	11.0	10.5	10.1
85	3.74	4.28	4.85	5.65	6.27	7.02	7.40	7.93	8.00	8.13	7.80	7.41	6.75	6.76	6.85	6.68	6.52	6.10	5.71
90	0.00	0.00	0.34	0.80	1.23	1.66	1.86	2.14	2.17	2.11	1.74	1.26	0.76	1.03	1.45	1.75	1.94	1.94	1.83
95	0.00	0.00	0.24	0.58	0.84	1.02	1.03	1.11	1.13	0.97	0.84	0.61	0.45	0.74	1.14	1.44	1.64	1.48	1.40
100	0.00	0.00	0.14	0.46	0.73	0.89	0.89	0.96	0.86	0.83	0.74	0.54	0.46	0.60	0.95	1.19	1.44	1.37	1.37
105	0.00	0.00	0.08	0.40	0.65	0.82	0.81	0.89	0.83	0.79	0.68	0.46	0.45	0.49	0.89	1.12	1.25	1.30	1.24
110	0.00	0.00	0.00	0.31	0.56	0.72	0.73	0.79	0.72	0.70	0.56	0.41	0.45	0.43	0.69	0.99	1.14	1.18	1.13
115	0.00	0.00	0.00	0.24	0.48	0.63	0.65	0.70	0.67	0.59	0.41	0.40	0.44	0.42	0.52	0.79	1.05	1.07	1.05
120	0.00	0.00	0.00	0.02	0.33	0.49	0.51	0.56	0.47	0.37	0.29	0.37	0.41	0.39	0.33	0.56	0.74	0.87	0.83
125	0.00	0.00	0.00	0.00	0.16	0.37	0.39	0.43	0.32	0.22	0.28	0.35	0.39	0.36	0.32	0.36	0.57	0.70	0.68
130	0.00	0.00	0.00	0.00	0.02	0.09	0.13	0.15	0.10	0.19	0.26	0.31	0.35	0.32	0.30	0.23	0.27	0.41	0.45
135	0.00	0.00	0.00	0.01	0.03	0.05	0.03	0.03	0.09	0.18	0.24	0.30	0.32	0.32	0.27	0.21	0.15	0.17	0.24
140	0.00	0.00	0.01	0.03	0.06	0.06	0.03	0.02	0.09	0.17	0.23	0.26	0.28	0.28	0.24	0.18	0.11	0.07	0.10
145	0.00	0.00	0.02	0.05	0.07	0.08	0.06	0.02	0.09	0.15	0.20	0.24	0.26	0.25	0.22	0.16	0.11	0.07	0.10
150	0.00	0.01	0.03	0.07	0.10	0.10	0.09	0.04	0.08	0.13	0.18	0.22	0.23	0.22	0.20	0.14	0.08	0.05	0.11
155	0.01	0.02	0.03	0.07	0.10	0.10	0.09	0.05	0.08	0.13	0.16	0.19	0.20	0.19	0.19	0.13	0.08	0.04	0.10
160	0.03	0.04	0.06	0.08	0.11	0.10	0.08	0.05	0.07	0.11	0.13	0.16	0.17	0.16	0.16	0.12	0.08	0.04	0.06
165	0.05	0.06	0.07	0.09	0.11	0.11	0.06	0.05	0.08	0.11	0.12	0.14	0.14	0.14	0.15	0.11	0.08	0.04	0.06
170	0.07	0.08	0.08	0.10	0.11	0.09	0.06	0.05	0.07	0.10	0.10	0.11	0.12	0.11	0.12	0.11	0.09	0.06	0.07
175	0.09	0.09	0.09	0.10	0.11	0.10	0.07	0.07	0.07	0.08	0.09	0.10	0.11	0.10	0.11	0.09	0.09	0.08	0.08
180	0.10	0.10	0.10	0.10	0.11	0.10	0.07	0.07	0.07	0.09	0.08	0.10	0.10	0.10	0.11	0.10	0.09	0.09	0.08

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-17

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

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	72.5	72.5	72.5	72.5	72.5														
5	72.1	72.1	72.1	72.1	72.1														
10	71.0	70.9	70.8	70.7	70.7														
15	69.7	69.6	69.4	69.3	69.3														
20	67.0	66.8	66.6	66.4	66.4														
25	64.6	64.5	64.2	64.0	63.9														
30	60.4	60.3	60.0	59.8	59.7														
35	57.1	57.1	56.7	56.6	56.4														
40	51.8	51.7	51.4	51.2	51.2														
45	47.9	47.8	47.5	47.4	47.3														
50	41.9	41.8	41.5	41.4	41.3														
55	37.8	37.7	37.4	37.3	37.1														
60	31.4	31.3	31.0	30.8	30.7														
65	27.2	27.0	26.7	26.5	26.4														
70	20.7	20.5	20.1	19.9	19.7														
75	16.3	16.1	15.7	15.4	15.2														
80	9.62	9.45	8.96	8.71	8.39														
85	5.31	5.12	4.58	4.27	3.91														
90	1.78	1.56	1.17	0.69	0.15														
95	1.61	1.40	1.05	0.59	0.07														
100	1.50	1.28	0.93	0.46	0.00														
105	1.42	1.20	0.84	0.38	0.00														
110	1.25	1.04	0.68	0.24	0.00														
115	1.12	0.92	0.56	0.11	0.00														
120	0.86	0.69	0.36	0.00	0.00														
125	0.68	0.53	0.15	0.00	0.00														
130	0.37	0.23	0.04	0.00	0.00														
135	0.15	0.14	0.05	0.00	0.00														
140	0.07	0.11	0.05	0.01	0.00														
145	0.08	0.10	0.06	0.02	0.00														
150	0.06	0.09	0.06	0.03	0.01														
155	0.06	0.09	0.07	0.04	0.01														
160	0.07	0.08	0.07	0.04	0.02														
165	0.06	0.08	0.07	0.06	0.03														
170	0.07	0.08	0.08	0.07	0.07														
175	0.06	0.08	0.08	0.07	0.07														
180	0.07	0.08	0.08	0.08	0.08														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-17

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: