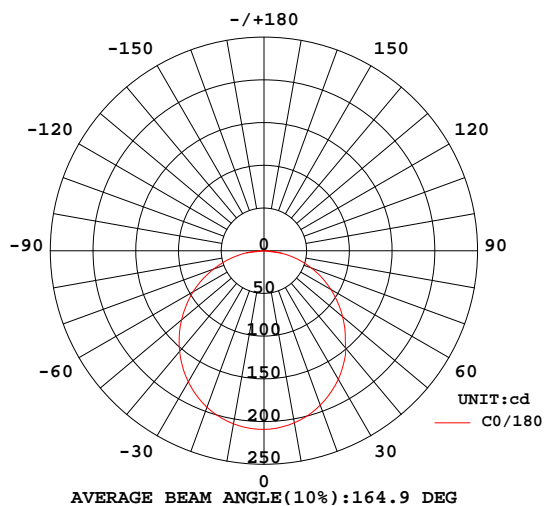


LUMINAIRE PHOTOMETRIC TEST REPORT

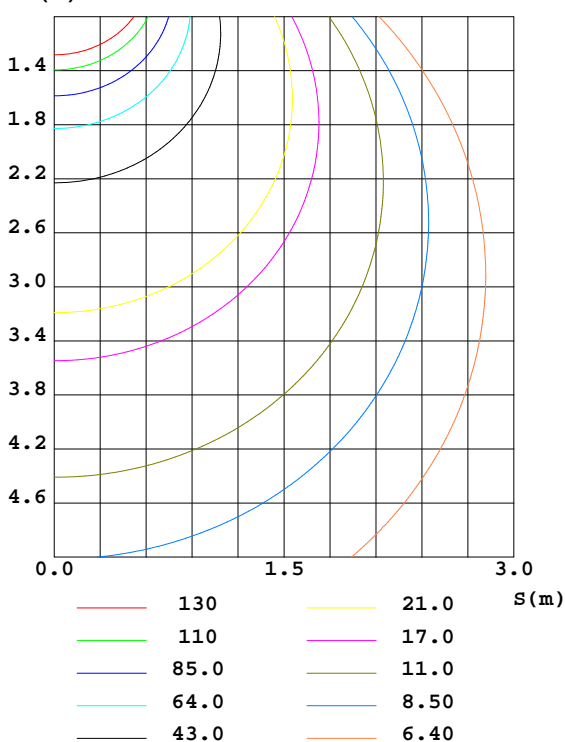
NAME: C-SFR-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 57.39 lm/W			
MODEL	2835	Imax(cd)	209.2	S/MH(C0/180)	1.26
NOMINAL POWER(W)	12	LOR(%)	100.1	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	626.72	η UP,DN(C0-180)	1.2,47.9
NOMINAL FLUX(lm)	625.91	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,50.3
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.2	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:
Test Date:2018-06-27

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	205.8	205.1	204.5	204.2	204.5	205.8	206.8	206.5	0- 10	19.79	19.79	3.16,3.16
20	195.0	193.9	192.5	192.1	192.4	195.2	197.8	196.8	10- 20	56.69	76.47	12.2,12.2
30	177.2	175.8	173.5	173.3	173.8	178.1	181.9	180.4	20- 30	85.94	162.4	25.9,25.9
40	153.7	150.8	148.8	147.0	148.6	154.9	158.9	157.6	30- 40	103.6	266.0	42.4,42.5
50	126.0	122.0	120.2	119.0	120.1	127.2	128.9	130.0	40- 50	107.0	373.0	59.5,59.6
60	95.63	92.00	90.01	89.17	90.25	96.81	98.35	99.40	50- 60	97.82	470.8	75.1,75.2
70	62.92	60.97	57.95	58.44	59.22	64.56	67.24	66.73	60- 70	77.50	548.3	87.5,87.6
80	30.51	29.23	26.69	27.09	27.20	32.77	35.68	34.68	70- 80	49.07	597.4	95.3,95.4
90	1.375	4.361	5.322	4.583	1.897	3.949	5.503	4.467	80- 90	17.06	614.4	98,98.2
100	0.6122	3.656	4.709	4.081	2.208	2.419	2.082	1.700	90-100	3.319	617.8	98.6,98.7
110	0.2548	3.047	4.130	3.561	2.048	2.130	1.782	1.286	100-110	2.676	620.4	99,99.1
120	0.3302	2.530	3.535	2.720	1.806	1.720	1.520	1.036	110-120	2.078	622.5	99.3,99.5
130	0.4698	2.080	2.910	2.135	1.674	1.454	1.258	0.9102	120-130	1.560	624.1	99.6,99.7
140	0.6043	1.618	2.292	1.643	1.493	1.238	1.079	0.8270	130-140	1.117	625.2	99.8,99.9
150	0.7097	0.8276	1.674	1.041	1.319	1.044	0.9249	0.7438	140-150	0.7388	625.9	99.9,100
160	0.8051	0.8526	0.8394	0.9957	1.157	0.9545	0.7916	0.8016	150-160	0.4428	626.4	99.9,100
170	0.8981	0.9221	0.9300	0.9252	0.9812	0.8948	0.8975	0.9024	160-170	0.2571	626.6	100,100
180	0.9618	0.9569	0.9831	0.9605	0.9667	0.9644	0.9856	0.9630	170-180	0.0892	626.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

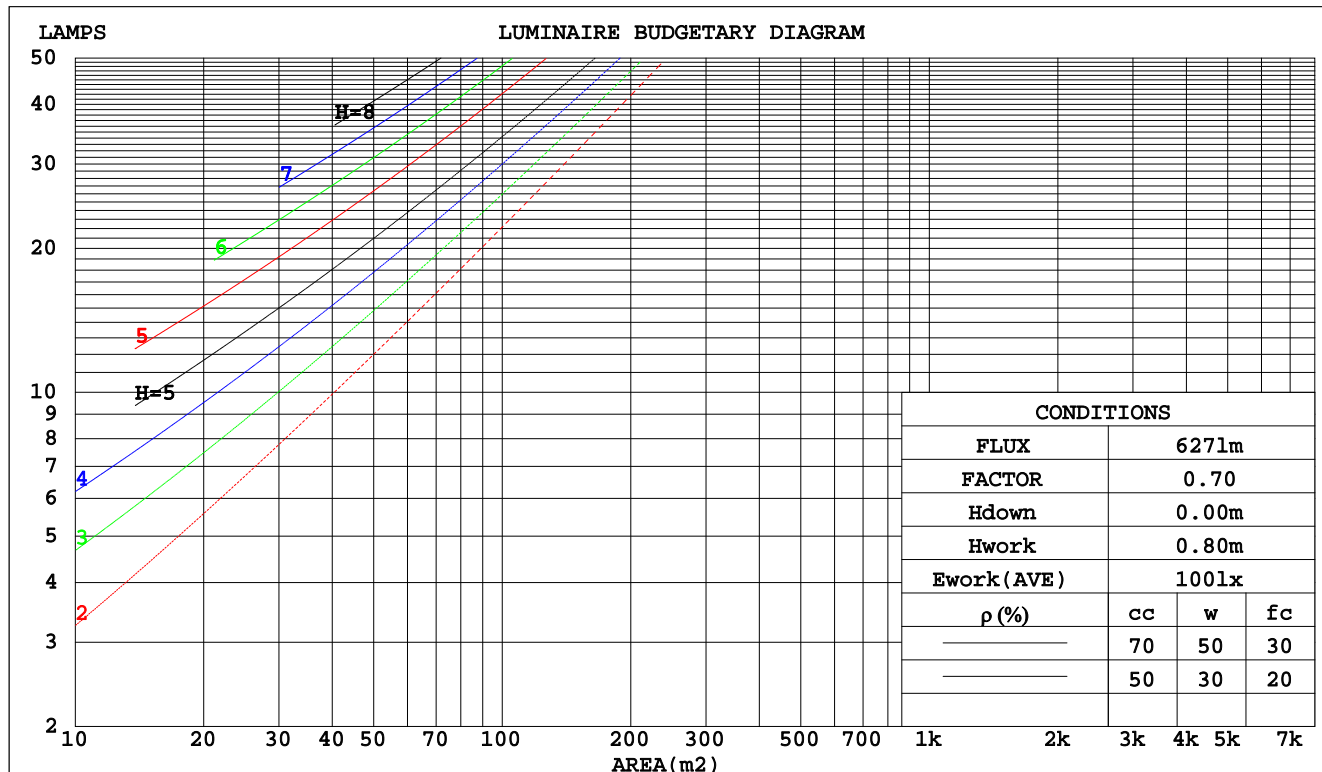
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
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															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
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	.324 .184 .058	.316 .180 .057	.302 .173 .055	.288 .166 .053	.276 .160 .052	
2.0	.300 .165 .050	.293 .162 .050	.281 .156 .048	.269 .151 .047	.258 .146 .046	
3.0	.276 .147 .044	.270 .144 .043	.258 .140 .043	.248 .136 .042	.238 .132 .041	
4.0	.253 .132 .039	.248 .130 .038	.238 .126 .038	.228 .123 .037	.220 .119 .036	
5.0	.233 .119 .034	.229 .117 .034	.220 .114 .034	.211 .111 .033	.203 .109 .033	
6.0	.216 .108 .031	.212 .107 .031	.204 .104 .030	.196 .102 .030	.189 .099 .030	
7.0	.201 .099 .028	.197 .098 .028	.189 .096 .028	.183 .094 .027	.176 .092 .027	
8.0	.187 .091 .026	.184 .090 .026	.177 .088 .025	.171 .087 .025	.165 .085 .025	
9.0	.175 .085 .024	.172 .084 .024	.166 .082 .023	.161 .080 .023	.155 .079 .023	
10.0	.164 .079 .022	.162 .078 .022	.156 .077 .022	.151 .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	RCR:Room Cavity Ratio					Ceiling Cavity Exitance Coefficients(CCEC)
0.0	.206 .206 .206	.176 .176 .176	.120 .120 .120	.069 .069 .069	.022 .022 .022	
1.0	.197 .171 .149	.168 .147 .128	.115 .101 .088	.066 .059 .051	.021 .019 .017	
2.0	.189 .147 .112	.162 .127 .097	.111 .088 .068	.064 .051 .040	.020 .016 .013	
3.0	.181 .130 .089	.155 .112 .077	.107 .078 .054	.062 .045 .032	.020 .015 .010	
4.0	.173 .117 .073	.149 .101 .064	.102 .070 .045	.059 .041 .026	.019 .013 .009	
5.0	.166 .106 .062	.142 .092 .054	.098 .064 .038	.057 .038 .023	.018 .012 .007	
6.0	.159 .098 .054	.136 .085 .047	.094 .059 .033	.055 .035 .020	.018 .011 .007	
7.0	.152 .091 .048	.130 .079 .042	.090 .055 .030	.052 .033 .018	.017 .011 .006	
8.0	.145 .085 .044	.125 .074 .038	.086 .052 .027	.050 .031 .016	.016 .010 .005	
9.0	.139 .080 .041	.120 .070 .035	.083 .049 .025	.048 .029 .015	.016 .009 .005	
10.0	.133 .076 .038	.115 .066 .033	.080 .046 .024	.046 .027 .014	.015 .009 .005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M					TYPE:					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	21.5	23.0	21.8	23.2	23.5	21.1	22.6	21.4	22.9	23.1				
3H	23.1	24.5	23.5	24.8	25.1	22.7	24.1	23.0	24.4	24.7				
4H	23.9	25.2	24.2	25.5	25.8	23.4	24.7	23.7	25.0	25.3				
6H	24.5	25.7	24.8	26.0	26.4	23.9	25.2	24.3	25.5	25.8				
8H	24.7	25.9	25.1	26.2	26.6	24.1	25.3	24.4	25.6	25.9				
12H	24.8	26.0	25.2	26.3	26.7	24.2	25.3	24.5	25.7	26.0				
4H 2H	22.1	23.4	22.4	23.7	24.0	21.8	23.1	22.1	23.4	23.7				
3H	23.9	25.1	24.3	25.4	25.8	23.6	24.8	24.0	25.1	25.4				
4H	24.8	25.9	25.2	26.2	26.6	24.4	25.5	24.8	25.8	26.2				
6H	25.5	26.5	26.0	26.9	27.3	25.1	26.0	25.5	26.4	26.8				
8H	25.8	26.7	26.3	27.1	27.5	25.3	26.2	25.7	26.6	27.0				
12H	26.0	26.8	26.5	27.3	27.7	25.4	26.2	25.9	26.7	27.1				
8H 4H	25.1	26.0	25.5	26.4	26.8	24.8	25.6	25.2	26.0	26.5				
6H	26.0	26.8	26.5	27.2	27.7	25.6	26.3	26.1	26.8	27.2				
8H	26.4	27.1	26.9	27.5	28.0	25.9	26.6	26.4	27.0	27.5				
12H	26.7	27.3	27.2	27.7	28.3	26.1	26.7	26.6	27.2	27.7				
12H 4H	25.1	25.9	25.6	26.4	26.8	24.8	25.6	25.2	26.0	26.5				
6H	26.1	26.7	26.6	27.2	27.7	25.7	26.3	26.2	26.8	27.3				
8H	26.5	27.1	27.0	27.6	28.1	26.0	26.6	26.6	27.1	27.6				
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 / - 0.2					+ 0.1 / - 0.3								

CIE Pub.117 Corrected 625.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.6)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

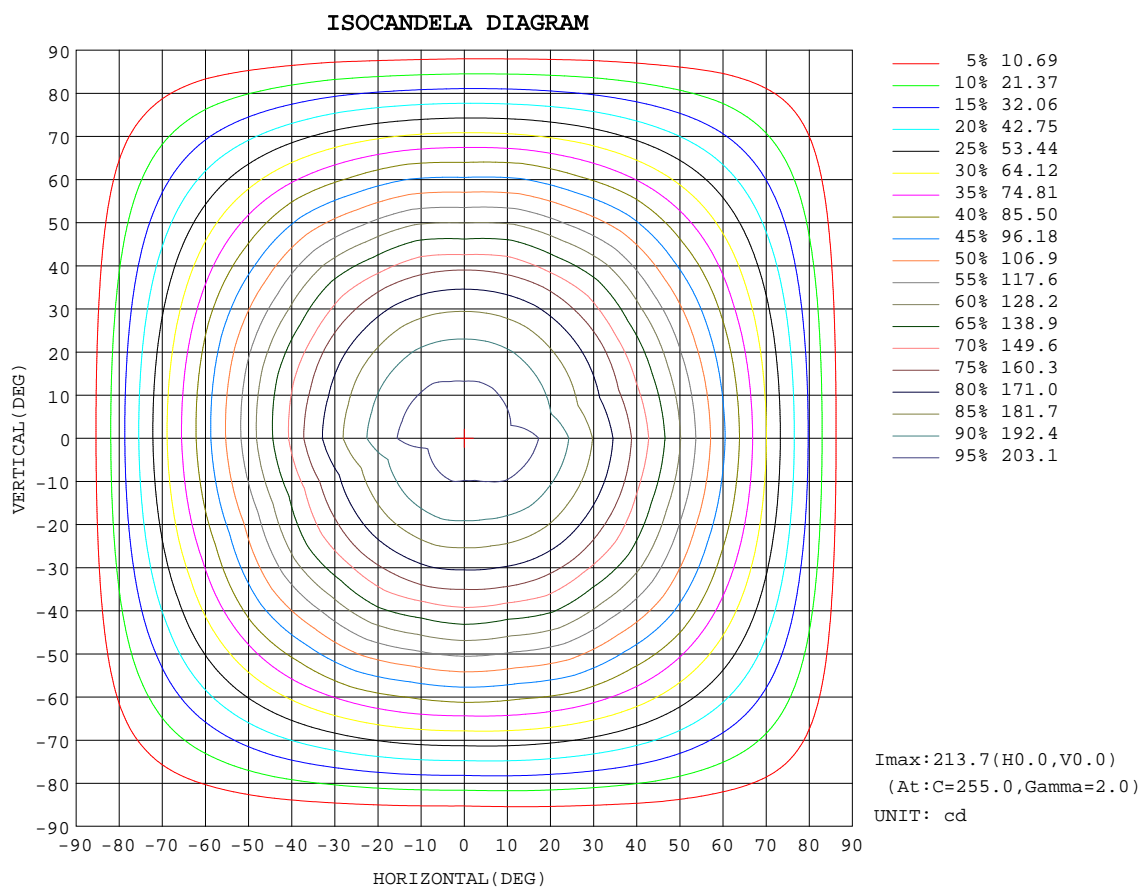
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	38	56	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	62	55	71	64	55	47
1.25	82	71	63	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	82	73	67	59
2.00	94	85	78	92	83	77	88	81	75	67
2.50	98	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	103	97	93	98	94	90	80
5.00	108	103	98	105	100	96	100	96	93	83
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:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

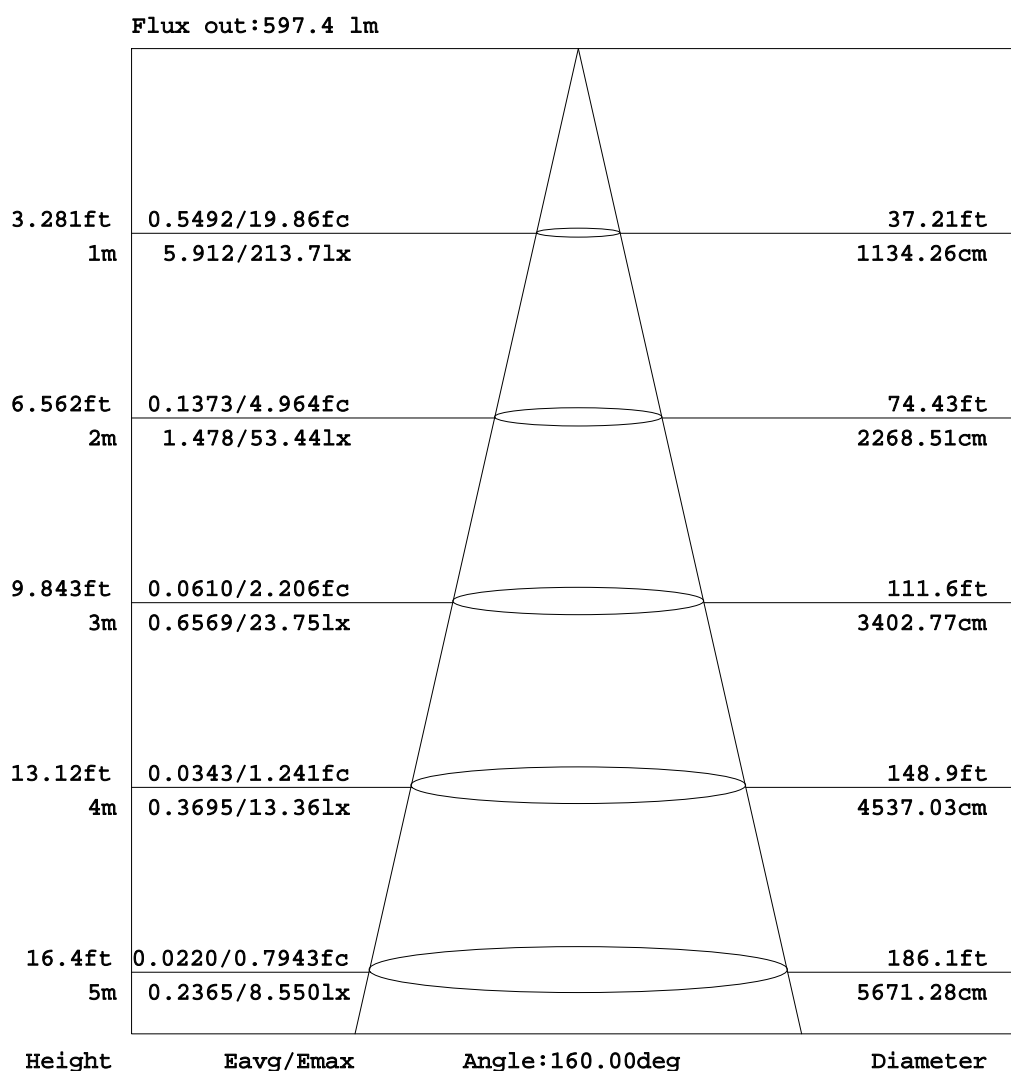


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



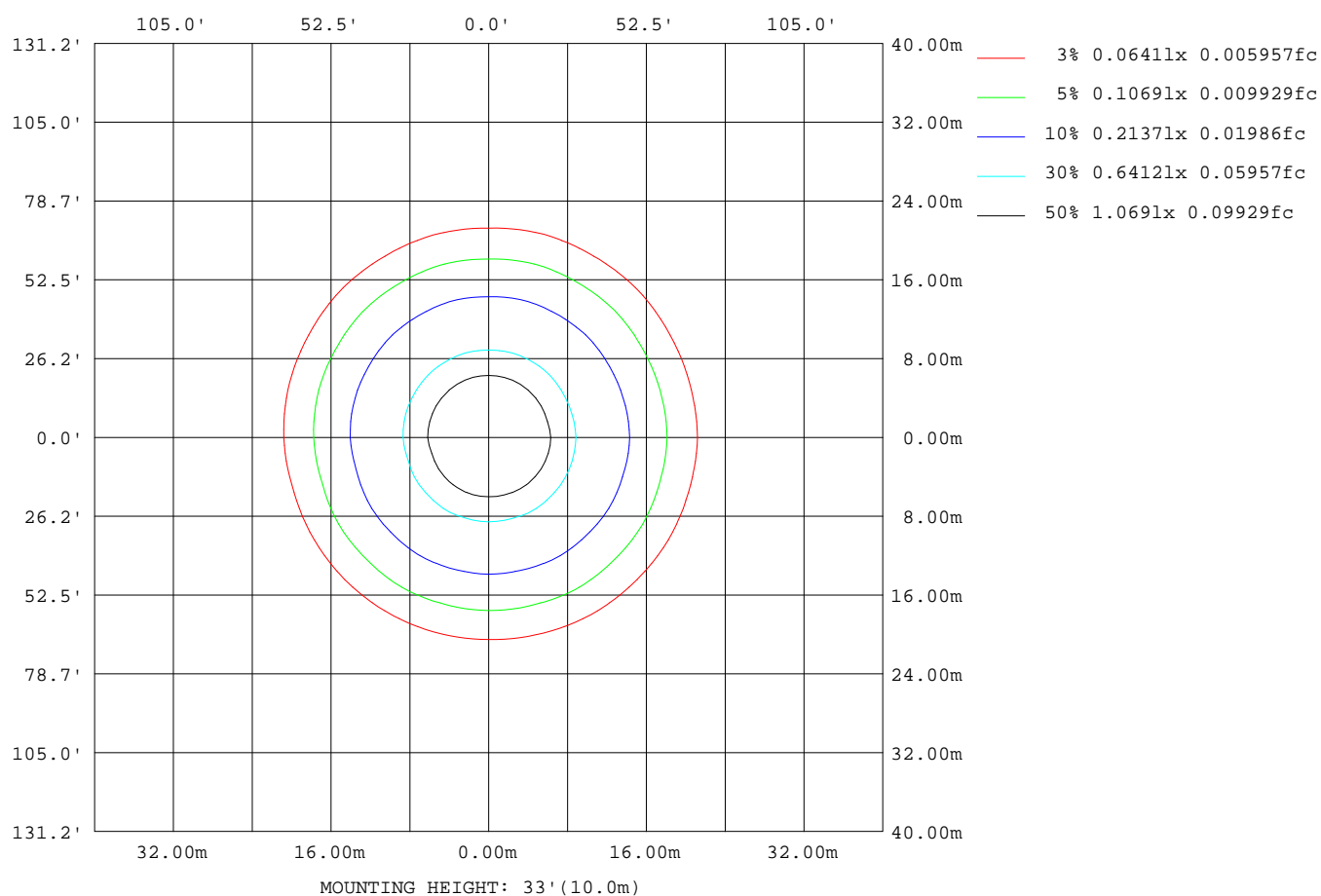
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	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	625.91	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	12103	11909	11874	11912	11749	11701	11755	11555	11447	11467	11360	11372	11484	11396	11410	11523	11420	11389	11499
60	11954	11757	11719	11754	11579	11523	11574	11364	11244	11252	11141	11153	11268	11183	11199	11312	11211	11175	11281
65	11781	11614	11537	11507	11389	11307	11261	11134	10980	10855	10862	10878	10877	10916	10928	10911	10919	10968	11073
70	11498	11440	11343	11229	11169	11103	11012	10907	10749	10590	10603	10629	10632	10665	10676	10663	10660	10708	10822
75	11288	11221	11114	10989	10919	10832	10713	10591	10411	10222	10226	10250	10255	10302	10308	10271	10264	10317	10451
80	10980	10919	10781	10612	10554	10445	10265	10125	9883	9606	9619	9648	9641	9723	9716	9621	9613	9654	9790
85	10234	10168	9981	9736	9637	9450	9157	8955	8569	8108	8157	8228	8209	8263	8194	8020	7967	8008	8262

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	12103	200	---	500
Category 2	65 to 90	11781	200	---	500
Category 3	75 to 90	11288	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:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
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	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209	209
5	209	209	208	208	208	208	208	208	208	208	208	208	208	208	209	209	209	209	209
10	206	206	205	205	205	205	204	205	204	204	204	204	205	205	205	206	207	207	207
15	202	202	202	201	201	201	201	201	200	200	200	200	201	201	202	202	204	204	204
20	195	195	194	194	193	193	192	193	192	192	192	192	192	193	194	195	197	198	198
25	189	188	188	187	187	186	186	186	185	185	185	185	186	186	188	189	191	192	192
30	177	177	176	176	175	174	174	174	173	173	173	173	174	175	176	178	181	182	182
35	168	168	167	167	166	165	164	164	164	164	164	164	165	165	168	169	172	174	174
40	154	153	152	151	151	148	149	147	149	147	149	147	149	151	153	155	158	159	159
45	143	141	142	139	140	137	138	136	138	136	138	136	137	140	140	144	145	148	146
50	126	124	124	122	123	120	120	119	120	119	121	119	120	123	124	127	128	131	129
55	114	112	112	110	111	108	108	107	108	107	109	107	109	111	112	115	116	118	117
60	95.6	93.7	94.0	92.0	92.6	90.1	90.0	88.8	90.1	89.2	90.5	89.3	90.3	93.0	93.8	96.8	97.3	99.6	98.3
65	83.1	81.3	81.5	79.7	79.6	77.9	76.5	76.7	76.7	77.0	76.9	77.1	78.0	80.6	81.5	84.4	84.9	87.1	86.0
70	62.9	62.4	61.4	61.0	60.3	59.3	57.9	58.2	58.2	58.4	58.3	58.4	59.2	60.9	62.9	64.6	66.1	67.0	67.2
75	50.0	49.5	48.7	48.3	47.6	46.7	45.5	45.6	45.6	45.9	45.7	45.7	46.4	48.1	50.2	51.8	53.5	54.2	54.6
80	30.5	30.2	29.5	29.2	28.5	27.9	26.7	26.8	26.8	27.1	26.7	26.8	27.2	28.9	31.2	32.8	34.4	35.2	35.7
85	17.6	17.3	16.7	16.5	15.8	15.3	14.2	14.4	14.4	14.5	14.2	14.3	14.6	16.5	18.7	20.2	21.7	22.5	23.0
90	1.37	2.26	3.32	4.36	5.10	5.36	5.32	5.35	5.12	4.58	3.82	2.86	1.90	2.50	3.24	3.95	4.73	5.16	5.50
95	0.72	1.76	2.97	4.03	4.80	5.11	5.06	5.09	4.88	4.37	3.65	2.82	1.92	2.27	2.55	2.61	2.63	2.45	2.33
100	0.61	1.44	2.61	3.66	4.42	4.76	4.71	4.74	4.57	4.08	3.45	2.77	2.21	2.34	2.46	2.42	2.38	2.17	2.08
105	0.48	1.22	2.37	3.41	4.18	4.53	4.48	4.52	4.33	3.87	3.27	2.65	2.21	2.25	2.37	2.32	2.24	2.02	1.96
110	0.25	0.90	2.03	3.05	3.81	4.17	4.13	4.16	3.95	3.56	2.86	2.28	2.05	2.03	2.08	2.13	2.07	1.84	1.78
115	0.24	0.77	1.85	2.83	3.58	3.92	3.89	3.92	3.69	3.15	2.64	2.08	1.91	1.87	1.93	1.93	1.94	1.72	1.67
120	0.33	0.52	1.65	2.53	3.22	3.55	3.53	3.56	3.14	2.72	2.34	1.79	1.81	1.76	1.77	1.72	1.68	1.57	1.52
125	0.39	0.47	1.50	2.35	3.00	3.29	3.29	3.29	2.76	2.47	2.14	1.65	1.76	1.67	1.67	1.61	1.52	1.47	1.42
130	0.47	0.52	1.32	2.08	2.65	2.89	2.91	2.80	2.33	2.13	1.88	1.58	1.67	1.59	1.54	1.45	1.34	1.26	1.26
135	0.53	0.57	1.21	1.88	2.42	2.65	2.66	2.38	2.09	1.92	1.72	1.52	1.60	1.52	1.46	1.36	1.24	1.12	1.17
140	0.60	0.63	0.74	1.62	2.06	2.27	2.29	1.88	1.72	1.64	1.33	1.43	1.49	1.43	1.33	1.24	1.11	0.97	1.08
145	0.65	0.67	0.72	1.43	1.83	2.00	2.03	1.60	1.53	1.46	1.24	1.40	1.43	1.37	1.25	1.16	1.04	0.89	1.01
150	0.71	0.73	0.76	0.83	1.47	1.64	1.67	1.28	1.25	1.04	1.19	1.33	1.32	1.28	1.18	1.04	0.93	0.82	0.92
155	0.75	0.78	0.79	0.81	0.92	1.28	1.39	1.03	0.90	1.02	1.16	1.27	1.25	1.21	1.14	0.99	0.87	0.79	0.87
160	0.81	0.83	0.85	0.85	0.85	0.83	0.84	0.81	0.86	1.00	1.10	1.18	1.16	1.13	1.07	0.95	0.84	0.77	0.79
165	0.84	0.86	0.88	0.88	0.89	0.85	0.86	0.86	0.87	0.96	1.04	1.11	1.10	1.07	1.03	0.92	0.84	0.82	0.83
170	0.90	0.92	0.93	0.92	0.92	0.91	0.93	0.91	0.91	0.93	0.94	0.97	0.98	0.96	0.94	0.89	0.89	0.89	0.90
175	0.93	0.94	0.94	0.94	0.94	0.94	0.95	0.94	0.93	0.94	0.93	0.95	0.94	0.94	0.94	0.92	0.93	0.93	0.94
180	0.96	0.97	0.96	0.96	0.97	0.98	0.98	0.97	0.96	0.96	0.96	0.98	0.97	0.97	0.97	0.96	0.98	0.98	0.99

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-F22B-VB-D24CC-W3000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	209	209	209	209	209														
5	209	209	209	209	209														
10	207	207	206	206	206														
15	204	204	203	203	203														
20	198	197	197	196	196														
25	192	192	191	190	190														
30	182	181	180	180	178														
35	173	173	172	171	170														
40	159	159	158	157	155														
45	148	146	147	144	145														
50	131	129	130	127	128														
55	119	117	118	116	116														
60	100	98.7	99.4	97.3	97.7														
65	87.5	86.2	86.8	84.9	85.0														
70	67.4	67.4	66.7	66.0	64.9														
75	54.9	54.7	53.9	53.2	52.0														
80	35.8	35.6	34.7	33.9	32.5														
85	23.2	22.9	22.0	21.1	19.7														
90	5.58	5.23	4.47	3.69	2.73														
95	2.32	2.25	1.99	1.65	1.22														
100	2.05	1.96	1.70	1.37	0.98														
105	1.91	1.79	1.53	1.19	0.81														
110	1.73	1.58	1.29	0.94	0.58														
115	1.62	1.45	1.16	0.80	0.44														
120	1.47	1.30	1.04	0.72	0.40														
125	1.38	1.22	0.98	0.69	0.40														
130	1.25	1.10	0.91	0.67	0.46														
135	1.17	1.04	0.87	0.66	0.51														
140	1.06	0.96	0.83	0.64	0.59														
145	0.99	0.91	0.80	0.64	0.64														
150	0.90	0.84	0.74	0.70	0.72														
155	0.85	0.79	0.75	0.75	0.77														
160	0.77	0.77	0.80	0.82	0.84														
165	0.81	0.81	0.85	0.86	0.90														
170	0.88	0.87	0.90	0.92	0.93														
175	0.91	0.91	0.94	0.94	0.94														
180	0.96	0.97	0.96	0.97	0.96														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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: