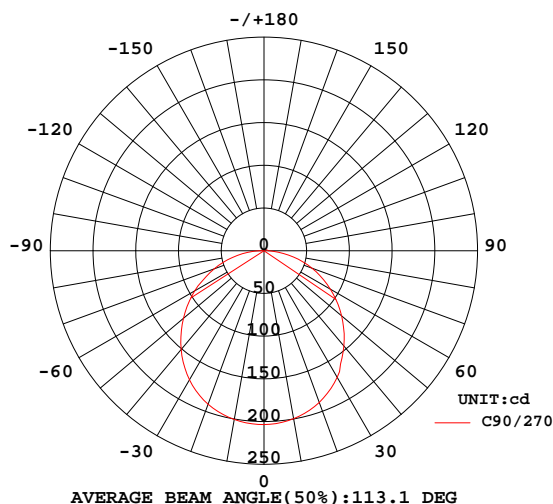


LUMINAIRE PHOTOMETRIC TEST REPORT

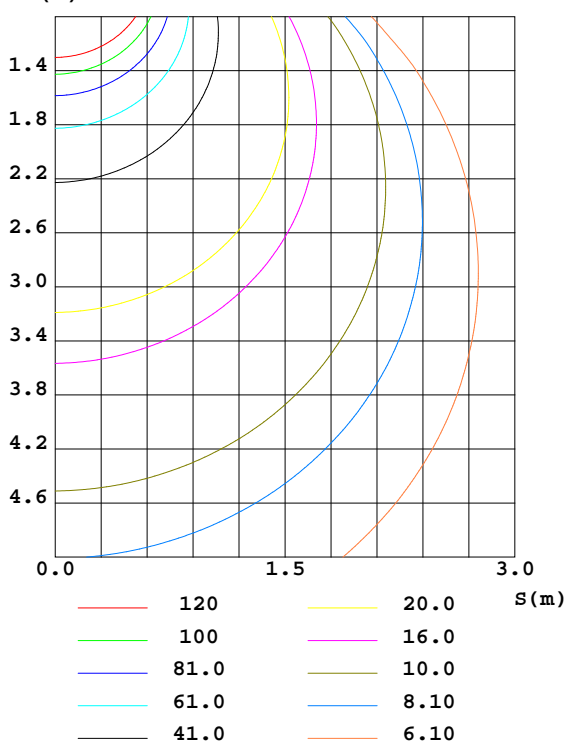
NAME: C-SFR-F22B-VB-D24CC-G-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.60 lm/W			
MODEL	2835	Imax(cd)	203.5	S/MH(C0/180)	1.24
NOMINAL POWER(W)	12	LOR(%)	110.6	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	608.23	η UP,DN(C0-180)	0.9,54.5
NOMINAL FLUX(lm)	550	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,54.0
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	108.5	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	198.7	199.4	200.5	200.8	200.5	200.3	199.7	198.9	0- 10	19.25	19.25	3.16,3.5
20	186.8	188.5	191.2	191.6	190.5	190.2	189.0	187.3	10- 20	55.17	74.42	12.2,13.5
30	168.3	170.9	174.5	175.6	173.7	173.3	171.2	169.1	20- 30	83.67	158.1	26,28.7
40	144.6	145.3	150.9	151.1	149.0	150.6	145.5	145.5	30- 40	100.4	258.5	42.5,47
50	117.2	117.7	123.1	124.1	122.7	123.8	118.6	118.2	40- 50	103.9	362.4	59.6,65.9
60	87.49	88.26	93.49	94.90	93.65	94.67	89.60	88.66	50- 60	95.01	457.4	75.2,83.2
70	55.60	58.09	62.14	64.77	63.73	63.16	59.89	57.31	60- 70	75.12	532.5	87.5,96.8
80	23.98	27.39	31.65	34.31	32.31	32.31	29.20	26.29	70- 80	47.83	580.3	95.4,106
90	0.0043	2.394	4.693	5.576	2.940	5.461	5.383	3.623	80- 90	16.44	596.8	98.1,109
100	0	1.671	2.687	2.931	2.372	3.864	4.139	2.870	90-100	3.226	600.0	98.6,109
110	0.1420	1.309	2.265	2.614	2.303	3.356	3.468	2.350	100-110	2.528	602.5	99.1,110
120	0.3138	0.8525	1.803	2.072	2.222	2.509	2.614	1.655	110-120	1.968	604.5	99.4,110
130	0.4588	0.5850	1.171	1.451	2.053	1.615	1.822	0.7780	120-130	1.368	605.9	99.6,110
140	0.5769	0.7297	0.6830	1.373	1.830	1.414	0.9007	0.8018	130-140	0.8776	606.7	99.8,110
150	0.6978	0.8263	0.8578	1.276	1.591	1.277	0.8822	0.8554	140-150	0.6499	607.4	99.9,110
160	0.8051	0.8799	0.8929	1.156	1.352	1.167	0.8445	0.9091	150-160	0.4716	607.9	99.9,111
170	0.9151	0.9604	0.9063	1.054	1.114	1.057	0.8957	0.9707	160-170	0.2816	608.1	100,111
180	1.012	1.009	0.9548	1.016	1.012	1.017	0.9548	1.008	170-180	0.0943	608.2	100,111
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

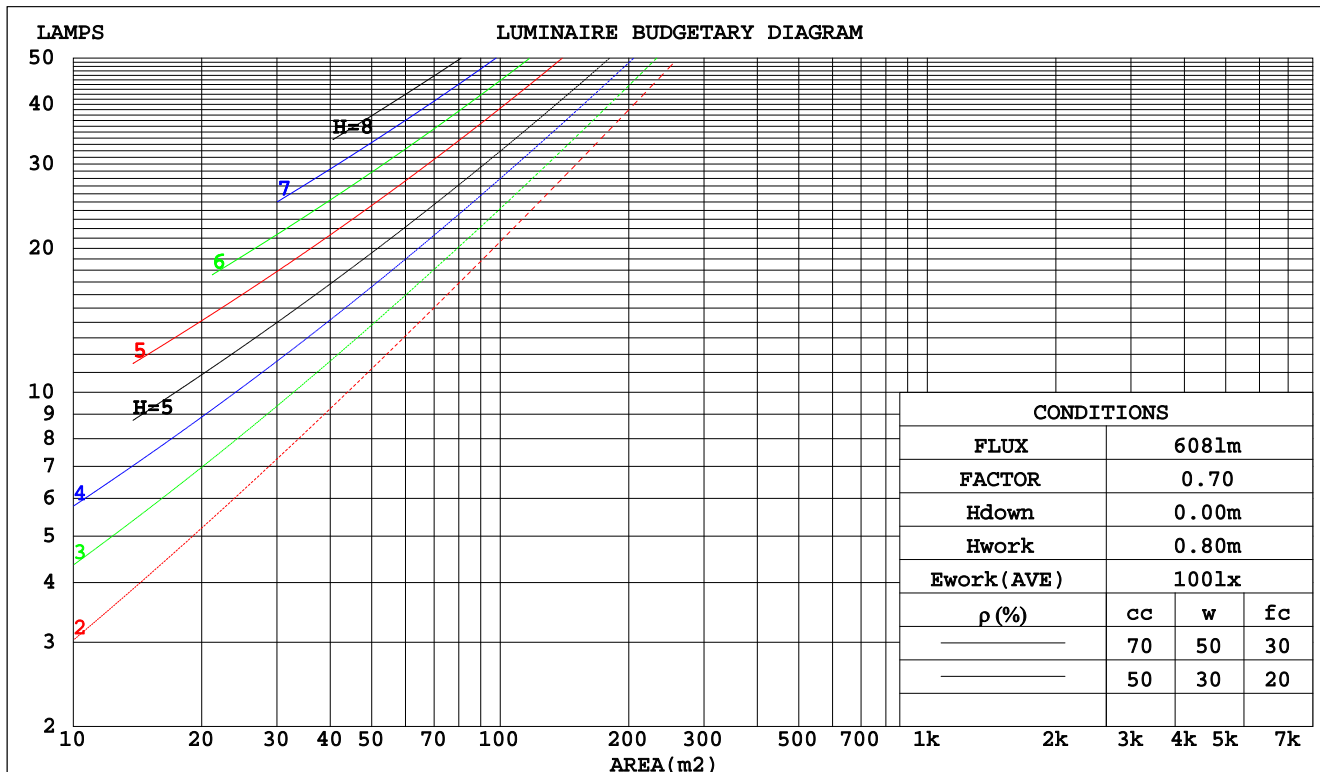
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-G-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	1.31	1.31	1.31	1.28	1.28	1.28	1.22	1.22	1.22	1.16	1.16	1.16	1.11	1.11	1.11	1.09														
1.0	1.14	1.09	1.04	1.11	1.06	1.02	1.06	1.02	.99	1.01	.98	.95	.97	.94	.92	.90														
2.0	.99	.91	.84	.96	.89	.83	.92	.86	.81	.88	.83	.79	.84	.80	.77	.74														
3.0	.86	.77	.70	.84	.76	.69	.81	.73	.67	.77	.71	.66	.74	.69	.65	.62														
4.0	.76	.66	.59	.75	.65	.58	.72	.64	.57	.69	.62	.56	.66	.60	.55	.53														
5.0	.68	.58	.51	.67	.57	.50	.64	.56	.49	.62	.54	.49	.59	.53	.48	.45														
6.0	.61	.51	.44	.60	.51	.44	.58	.49	.43	.56	.48	.43	.54	.47	.42	.40														
7.0	.56	.46	.39	.55	.45	.39	.53	.44	.38	.51	.43	.38	.49	.42	.37	.35														
8.0	.51	.41	.35	.50	.41	.34	.48	.40	.34	.47	.39	.34	.45	.38	.33	.31														
9.0	.46	.37	.31	.46	.37	.31	.44	.36	.31	.43	.36	.30	.42	.35	.30	.28														
10.0	.43	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.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:

WEC AND CCEC

NAME: C-SFR-F22B-VB-D24CC-G-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	.357 .203 .064	.349 .199 .063	.333 .191 .061	.318 .184 .059	.305 .177 .057	
2.0	.332 .182 .056	.324 .178 .055	.310 .172 .054	.297 .167 .052	.285 .161 .051	
3.0	.305 .162 .049	.298 .160 .048	.285 .155 .047	.274 .150 .046	.263 .146 .045	
4.0	.280 .145 .043	.274 .143 .042	.263 .139 .042	.252 .135 .041	.243 .132 .040	
5.0	.258 .131 .038	.252 .130 .038	.242 .126 .037	.233 .123 .037	.225 .120 .036	
6.0	.238 .120 .034	.234 .118 .034	.225 .115 .034	.217 .113 .033	.209 .110 .033	
7.0	.221 .110 .031	.217 .108 .031	.209 .106 .030	.202 .103 .030	.195 .101 .030	
8.0	.207 .101 .028	.203 .100 .028	.196 .098 .028	.189 .096 .028	.183 .094 .027	
9.0	.193 .094 .026	.190 .093 .026	.184 .091 .026	.177 .089 .025	.172 .087 .025	
10.0	.182 .087 .024	.179 .086 .024	.173 .085 .024	.167 .083 .024	.162 .081 .023	

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	.227 .227 .227	.194 .194 .194	.132 .132 .132	.076 .076 .076	.024 .024 .024	
1.0	.216 .189 .163	.185 .162 .141	.127 .111 .097	.073 .064 .057	.023 .021 .018	
2.0	.208 .162 .123	.178 .139 .107	.122 .096 .074	.070 .056 .044	.023 .018 .014	
3.0	.199 .143 .098	.171 .123 .085	.117 .085 .059	.068 .050 .035	.022 .016 .011	
4.0	.191 .128 .080	.164 .111 .070	.113 .077 .049	.065 .045 .029	.021 .015 .010	
5.0	.182 .117 .068	.157 .101 .059	.108 .070 .042	.063 .041 .025	.020 .014 .008	
6.0	.174 .107 .059	.150 .093 .052	.103 .065 .037	.060 .038 .022	.019 .013 .007	
7.0	.167 .100 .053	.143 .087 .046	.099 .061 .033	.058 .036 .019	.019 .012 .006	
8.0	.160 .093 .048	.137 .081 .042	.095 .057 .030	.055 .034 .018	.018 .011 .006	
9.0	.153 .088 .044	.132 .076 .039	.091 .054 .027	.053 .032 .016	.017 .010 .005	
10.0	.146 .083 .041	.126 .072 .036	.088 .051 .026	.051 .030 .015	.017 .010 .005	

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-G-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					21.0	22.5	21.3	22.7	23.0	21.3	22.8	21.5	23.0	23.2
3H					22.6	24.0	22.9	24.2	24.5	23.0	24.4	23.3	24.6	24.9
4H					23.2	24.5	23.6	24.8	25.1	23.7	25.0	24.1	25.3	25.6
6H					23.7	24.9	24.0	25.2	25.6	24.4	25.6	24.7	25.9	26.2
8H					23.8	25.0	24.2	25.3	25.7	24.6	25.8	25.0	26.1	26.5
12H					23.9	25.0	24.2	25.4	25.7	24.8	25.9	25.2	26.3	26.6
4H 2H					21.6	23.0	22.0	23.3	23.6	21.8	23.2	22.2	23.5	23.8
3H					23.4	24.6	23.8	24.9	25.2	23.7	24.9	24.1	25.2	25.6
4H					24.2	25.3	24.6	25.6	26.0	24.6	25.7	25.0	26.1	26.4
6H					24.8	25.7	25.2	26.1	26.5	25.4	26.4	25.9	26.8	27.2
8H					25.0	25.9	25.4	26.3	26.7	25.7	26.6	26.2	27.0	27.5
12H					25.1	25.9	25.5	26.3	26.7	26.0	26.8	26.4	27.2	27.7
8H 4H					24.5	25.4	25.0	25.8	26.2	24.9	25.8	25.4	26.2	26.6
6H					25.3	26.0	25.8	26.5	26.9	25.9	26.6	26.4	27.1	27.5
8H					25.6	26.2	26.0	26.7	27.2	26.3	27.0	26.8	27.4	27.9
12H					25.7	26.3	26.2	26.8	27.3	26.6	27.2	27.2	27.7	28.2
12H 4H					24.6	25.4	25.0	25.8	26.2	24.9	25.8	25.4	26.2	26.6
6H					25.4	26.0	25.9	26.5	27.0	25.9	26.6	26.4	27.1	27.6
8H					25.7	26.3	26.2	26.7	27.3	26.4	27.0	26.9	27.5	28.0
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 550.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.1)

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

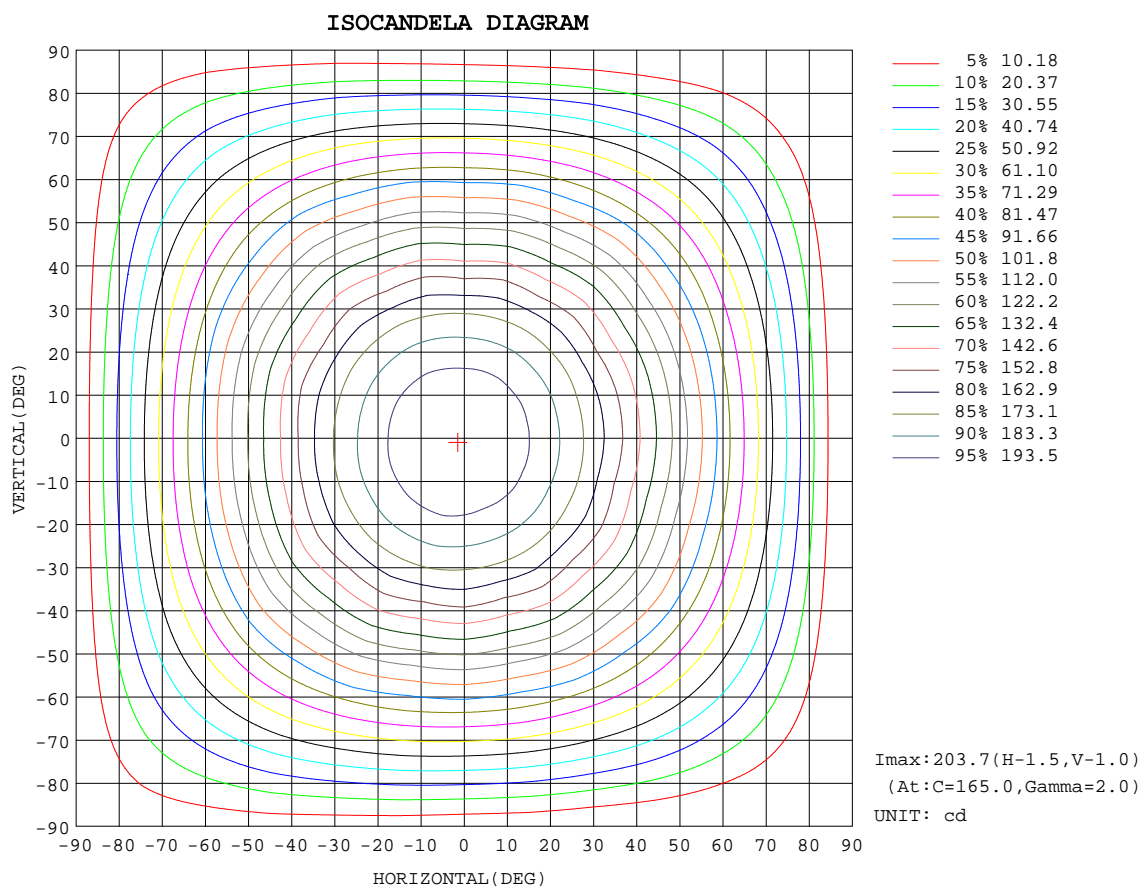
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	62	49	42	61	49	41	60	48	41	34
0.80	73	60	52	72	60	52	70	59	51	43
1.00	82	70	61	81	69	61	78	71	60	52
1.25	90	78	70	88	77	70	85	76	69	60
1.50	96	84	76	94	83	76	90	81	74	66
2.00	103	93	86	101	92	85	97	89	83	74
2.50	108	99	92	105	97	91	101	94	88	79
3.00	112	104	97	109	102	96	104	98	93	83
4.00	116	109	104	113	107	102	108	103	99	89
5.00	119	113	108	116	111	107	111	107	103	92
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:2018-08-18

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

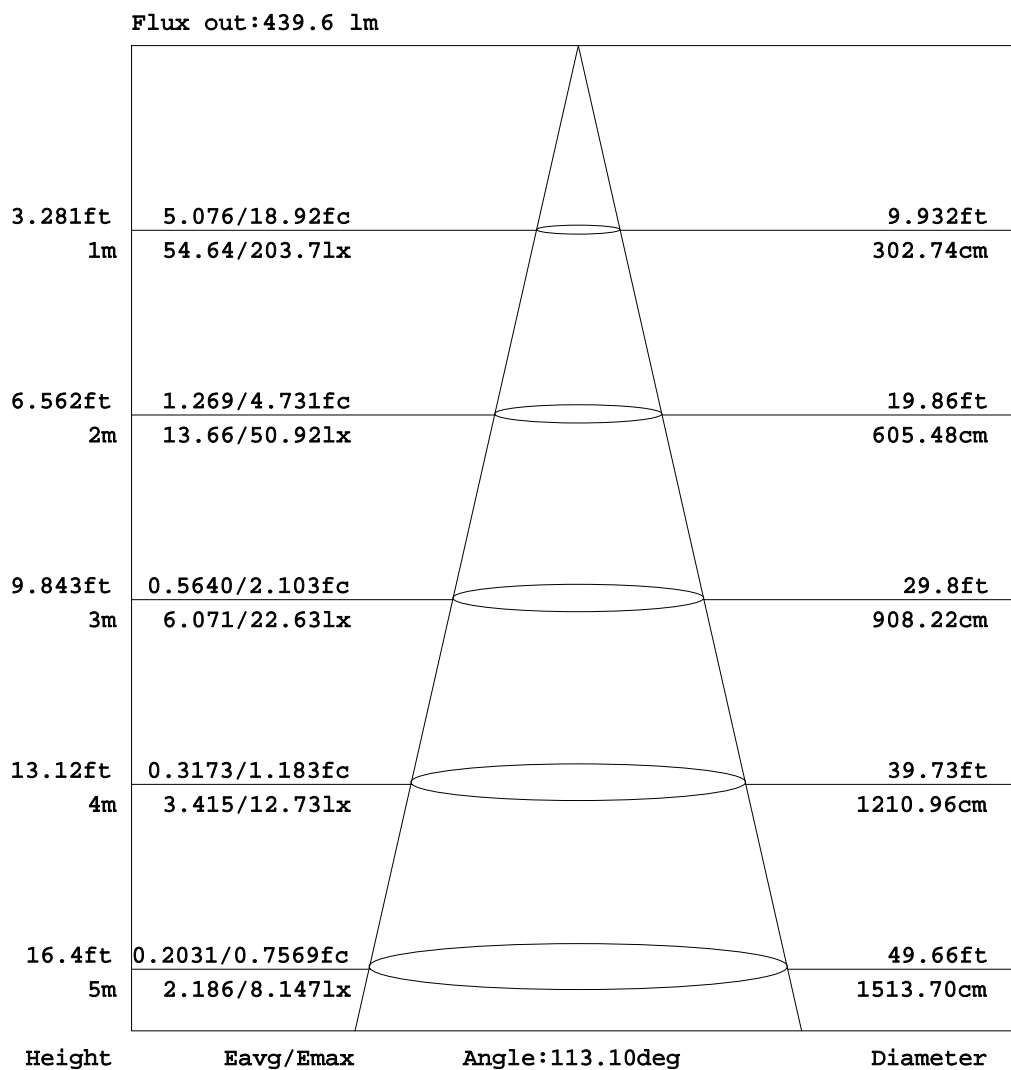


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: shan
 Test Date: 2018-08-18

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



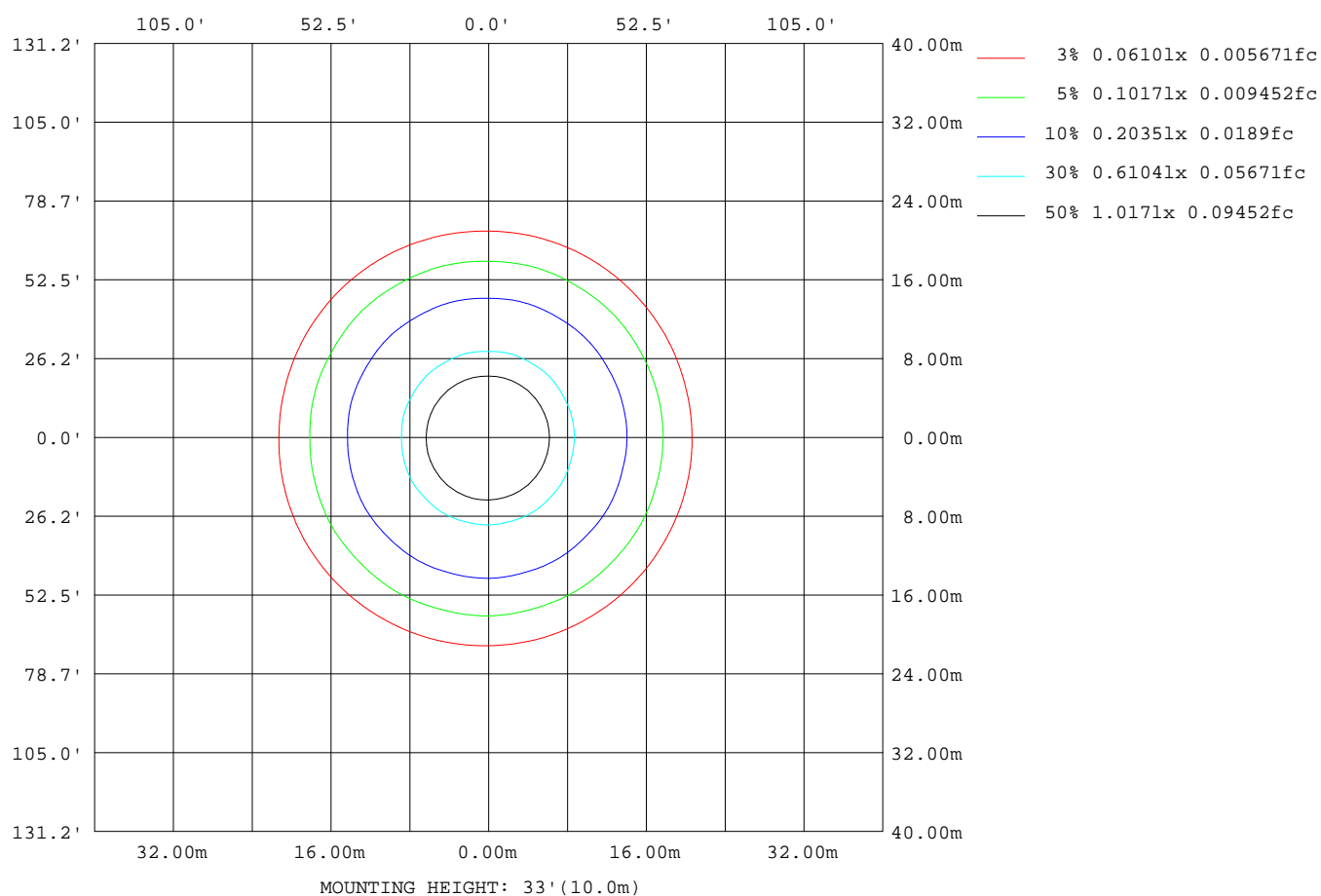
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-G-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-G-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	550	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	11169	11038	11108	11281	11244	11334	11548	11548	11635	11809	11769	11847	12036	11982	12011	12121	11997	11867	11825
60	10936	10810	10883	11059	11033	11135	11364	11390	11499	11686	11658	11744	11938	11889	11930	12053	11923	11772	11707
65	10494	10528	10577	10648	10765	10889	11020	11204	11329	11395	11521	11622	11688	11773	11837	11860	11833	11748	11643
70	10161	10199	10267	10368	10527	10696	10870	11091	11255	11356	11497	11619	11713	11803	11847	11847	11864	11787	11647
75	9639	9725	9832	9974	10210	10442	10667	10984	11216	11351	11546	11693	11791	11938	12018	12020	12030	11899	11684
80	8630	8810	9008	9255	9651	10011	10336	10846	11204	11391	11694	11912	12040	12262	12362	12316	12291	12027	11629
85	5804	6294	6766	7294	8133	8886	9545	10535	11239	11628	12261	12672	12853	13250	13323	13050	12929	12372	11578

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum	specified	maximum	specified
		calculated	maximum	measured	maximum
Category 1	55 to 90	13323	200	---	500
Category 2	65 to 90	13323	200	---	500
Category 3	75 to 90	13323	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-G-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	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203
5	202	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203
10	199	199	199	199	200	200	201	201	201	201	201	201	201	200	200	200	200	200	200
15	195	195	195	196	196	197	198	198	198	198	198	198	197	197	197	197	197	197	196
20	187	187	188	189	190	190	191	192	192	192	191	191	191	190	190	190	190	190	189
25	180	180	181	182	184	185	185	186	186	186	185	185	185	184	184	184	184	184	183
30	168	169	169	171	172	174	175	175	175	176	175	174	174	174	174	173	173	172	171
35	159	158	161	160	164	164	166	167	167	167	167	166	165	165	165	165	163	164	160
40	145	143	146	145	149	148	151	150	153	151	153	150	149	151	149	151	148	149	146
45	134	133	135	135	138	138	140	139	142	141	142	140	139	141	139	140	138	138	135
50	117	116	118	118	121	121	123	122	125	124	126	124	123	124	123	124	121	122	119
55	105	104	106	106	109	109	111	111	113	113	114	112	111	113	111	112	110	110	107
60	87.5	86.5	88.5	88.3	90.9	91.2	93.5	93.2	95.5	94.9	96.4	94.7	93.7	95.2	93.8	94.7	92.4	92.5	89.6
65	74.0	74.4	75.0	76.3	77.6	79.3	80.1	81.3	82.1	82.9	83.6	82.8	81.7	81.7	81.9	81.3	80.5	79.2	77.8
70	55.6	56.0	56.7	58.1	59.5	61.2	62.1	63.3	64.1	64.8	64.8	64.9	63.7	63.7	63.8	63.2	62.5	61.2	59.9
75	43.1	43.6	44.4	45.9	47.3	49.1	50.1	51.2	51.9	52.7	52.8	52.8	51.4	51.6	51.6	51.0	50.3	49.0	47.7
80	24.0	24.8	25.7	27.4	28.7	30.8	31.6	32.9	33.5	34.3	34.2	34.0	32.3	32.5	33.0	32.3	31.9	30.3	29.2
85	11.2	12.2	13.2	14.9	16.4	18.3	19.3	20.5	21.1	21.8	21.4	21.1	19.3	19.6	20.2	19.8	19.3	18.0	16.9
90	0.00	0.47	1.40	2.39	3.32	4.28	4.69	5.31	5.56	5.58	4.95	4.19	2.94	3.74	4.80	5.46	5.77	5.64	5.38
95	0.00	0.32	1.18	1.95	2.55	3.01	3.03	3.30	3.47	3.44	3.18	2.69	2.28	2.95	3.82	4.43	4.72	4.70	4.58
100	0.00	0.17	0.93	1.67	2.27	2.70	2.69	2.97	2.86	2.93	2.86	2.52	2.37	2.65	3.37	3.86	4.20	4.07	4.14
105	0.04	0.07	0.81	1.50	2.08	2.50	2.50	2.78	2.71	2.84	2.74	2.40	2.31	2.43	3.22	3.59	3.93	4.07	3.59
110	0.14	0.17	0.62	1.31	1.85	2.26	2.26	2.53	2.40	2.61	2.51	2.19	2.30	2.22	2.86	3.36	3.44	3.42	3.47
115	0.21	0.25	0.41	1.18	1.69	2.07	2.08	2.33	2.38	2.42	2.31	2.19	2.28	2.19	2.57	2.99	3.28	3.16	3.04
120	0.31	0.35	0.39	0.85	1.40	1.77	1.80	2.02	2.04	2.07	1.91	2.14	2.22	2.13	2.01	2.51	2.69	2.76	2.61
125	0.37	0.41	0.45	0.57	1.17	1.55	1.56	1.78	1.76	1.76	1.86	2.09	2.16	2.09	1.90	2.13	2.33	2.47	2.35
130	0.46	0.50	0.55	0.58	0.71	1.13	1.17	1.32	1.30	1.45	1.77	2.00	2.05	1.99	1.82	1.62	1.76	1.85	1.82
135	0.50	0.54	0.62	0.65	0.67	0.79	0.82	0.88	1.09	1.42	1.72	1.91	1.97	1.91	1.75	1.50	1.32	1.39	1.43
140	0.58	0.62	0.68	0.73	0.75	0.77	0.68	0.78	1.07	1.37	1.62	1.78	1.83	1.77	1.63	1.41	1.13	0.89	0.90
145	0.63	0.66	0.72	0.77	0.82	0.84	0.75	0.80	1.07	1.34	1.54	1.68	1.74	1.68	1.55	1.36	1.11	0.86	0.88
150	0.70	0.72	0.76	0.83	0.87	0.92	0.86	0.84	1.05	1.28	1.45	1.56	1.59	1.55	1.45	1.28	1.06	0.86	0.88
155	0.74	0.76	0.80	0.86	0.90	0.93	0.88	0.86	1.03	1.24	1.38	1.46	1.49	1.47	1.38	1.24	1.03	0.85	0.90
160	0.81	0.82	0.85	0.88	0.94	0.96	0.89	0.89	1.00	1.16	1.27	1.33	1.35	1.33	1.27	1.17	1.01	0.87	0.84
165	0.85	0.86	0.89	0.92	0.95	0.97	0.88	0.91	1.01	1.11	1.18	1.23	1.25	1.23	1.18	1.11	1.02	0.89	0.86
170	0.92	0.93	0.94	0.96	0.98	0.98	0.91	0.92	0.99	1.05	1.08	1.10	1.11	1.09	1.08	1.06	1.01	0.92	0.90
175	0.96	0.97	0.97	0.97	0.98	0.99	0.93	0.94	1.00	1.04	1.02	1.03	1.04	1.02	1.02	1.03	1.02	0.98	0.93
180	1.01	1.01	1.01	1.01	1.02	1.01	0.95	0.97	0.98	1.02	1.01	1.01	1.01	1.01	1.00	1.02	1.02	1.01	0.95

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-G-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	203	203	203	203	203														
5	203	203	203	202	202														
10	199	199	199	199	199														
15	196	196	195	195	195														
20	188	188	187	187	187														
25	182	182	181	180	180														
30	170	170	169	169	168														
35	161	159	160	158	159														
40	147	144	145	143	144														
45	136	134	135	133	134														
50	119	117	118	116	117														
55	108	106	106	105	105														
60	90.2	88.2	88.7	86.7	87.1														
65	77.0	76.4	75.4	74.7	73.7														
70	59.0	58.4	57.3	56.6	55.4														
75	46.9	46.2	44.9	44.2	43.0														
80	28.3	27.7	26.3	25.6	24.0														
85	16.2	15.4	14.1	13.1	11.6														
90	5.22	4.67	3.62	2.43	1.10														
95	4.52	4.02	3.17	2.11	0.89														
100	4.21	3.72	2.87	1.83	0.65														
105	4.02	3.53	2.68	1.65	0.42														
110	3.63	3.15	2.35	1.34	0.24														
115	3.36	2.90	2.11	1.08	0.29														
120	2.85	2.43	1.66	0.55	0.37														
125	2.47	2.07	1.31	0.54	0.43														
130	1.91	1.50	0.78	0.62	0.51														
135	1.40	0.98	0.77	0.66	0.56														
140	0.90	0.89	0.80	0.71	0.62														
145	0.89	0.90	0.83	0.75	0.67														
150	0.90	0.92	0.86	0.79	0.73														
155	0.90	0.93	0.88	0.82	0.78														
160	0.93	0.94	0.91	0.86	0.82														
165	0.93	0.95	0.93	0.90	0.86														
170	0.92	0.97	0.97	0.94	0.92														
175	0.94	0.97	0.97	0.97	0.96														
180	0.97	0.99	1.01	1.01	1.01														

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%
Test Distance:6.950m [K=1.0000]
Remarks: