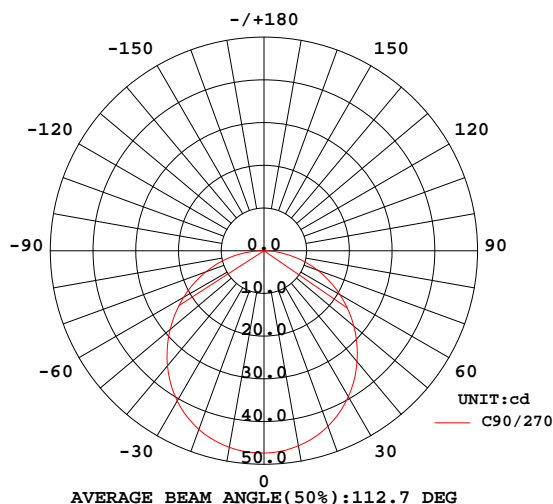


LUMINAIRE PHOTOMETRIC TEST REPORT

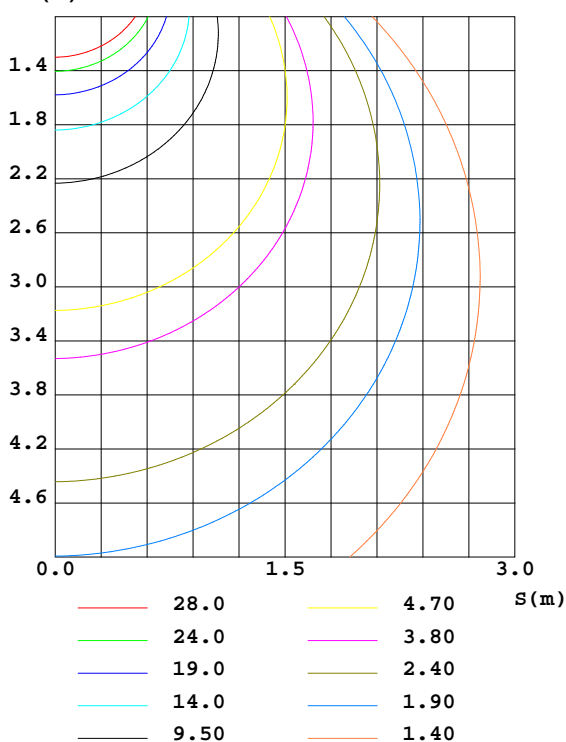
NAME: C-SFR-F22B-VB-D24CC-B-108-2835-1M	TYPE:	WEIGHT:325g/m
DIM.:	SPEC.:16*17	SERIAL No.:
MFR.:	SUR.:16*1000	PROTECTION ANGLE:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.69 lm/W			
MODEL	2835	Imax(cd)	47.40	S/MH(C0/180)	1.23
NOMINAL POWER(W)	10.94	LOR(%)	115.7	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	138.87	η UP,DN(C0-180)	0.2,58.2
NOMINAL FLUX(lm)	120	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,56.9
LAMPS INSIDE	1	η up(%)	0.6	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:2018-08-18

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	46.25	46.42	46.74	46.81	46.71	46.60	46.37	46.24	0- 10	4.481	4.481	3.23,3.73
20	43.43	43.87	44.53	44.67	44.40	44.16	43.73	43.42	10- 20	12.83	17.32	12.5,14.4
30	39.09	39.74	40.63	40.94	40.50	40.17	39.48	39.09	20- 30	19.44	36.75	26.5,30.6
40	33.51	34.25	35.17	35.74	35.21	34.80	33.89	33.51	30- 40	23.39	60.14	43.3,50.1
50	27.01	27.73	28.68	29.38	28.94	28.47	27.46	27.05	40- 50	24.23	84.37	60.8,70.3
60	20.00	20.74	21.69	22.44	22.06	21.56	20.52	20.09	50- 60	22.07	106.4	76.6,88.7
70	12.73	13.53	14.54	15.30	14.93	14.40	13.39	12.92	60- 70	17.41	123.8	89.2,103
80	5.237	6.225	7.292	7.971	7.343	7.018	6.109	5.540	70- 80	10.89	134.7	97,112
90	0	0.1349	0.7709	1.090	0.3569	0.8117	0.7231	0.3526	80- 90	3.441	138.2	99.5,115
100	0	0	0.1326	0.2901	0.1709	0.4838	0.4652	0.1709	90-100	0.3226	138.5	99.7,115
110	0	0	0.0518	0.2352	0.1387	0.3837	0.3554	0.0839	100-110	0.2001	138.7	99.9,116
120	0	0	0	0.1031	0.1064	0.2097	0.2098	0.0000	110-120	0.1199	138.8	100,116
130	0	0	0	0	0.0676	0.0453	0.0612	0	120-130	0.0449	138.9	100,116
140	0	0	0	0	0.0064	0	0	0	130-140	0.0059	138.9	100,116
150	0	0	0	0	0	0	0	0	140-150	0.0002	138.9	100,116
160	0	0	0	0	0	0	0	0	150-160	0	138.9	100,116
170	0	0	0	0	0	0	0	0	160-170	0	138.9	100,116
180	0	0	0	0	0	0	0	0	170-180	0	138.9	100,116
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

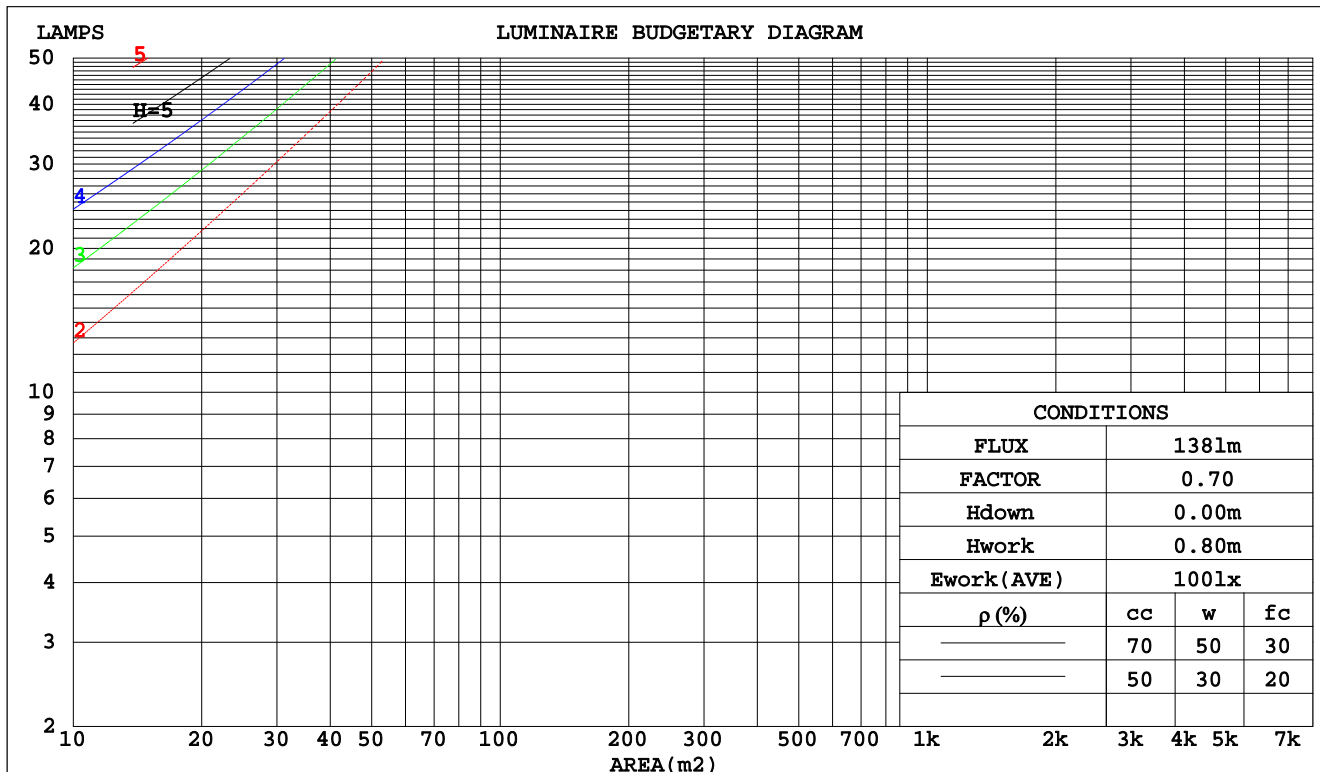
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:shan
Test Date:2018-08-18

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-B-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	1.34	1.34	1.34	1.28	1.28	1.28	1.23	1.23	1.23	1.18	1.18	1.18	1.15
1.0	1.19	1.14	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	1.01	.94	.88	.97	.91	.85	.93	.88	.83	.90	.85	.81	.79
3.0	.91	.81	.73	.89	.80	.73	.85	.78	.71	.82	.75	.70	.79	.73	.69	.66
4.0	.80	.70	.62	.79	.69	.62	.76	.67	.61	.73	.66	.60	.70	.64	.59	.56
5.0	.72	.61	.53	.70	.60	.53	.68	.59	.52	.65	.58	.52	.63	.56	.51	.48
6.0	.64	.54	.46	.63	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.42
7.0	.58	.48	.41	.57	.48	.41	.56	.47	.40	.54	.46	.40	.52	.45	.40	.37
8.0	.53	.43	.36	.52	.43	.36	.51	.42	.36	.49	.42	.36	.48	.41	.36	.33
9.0	.49	.39	.33	.48	.39	.33	.47	.38	.32	.45	.38	.32	.44	.37	.32	.30
10.0	.45	.36	.30	.44	.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:2018-08-18

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-B-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	.371 .211 .067	.363 .207 .066	.347 .199 .064	.333 .192 .062	.319 .185 .060	
2.0	.346 .190 .058	.338 .186 .057	.324 .180 .056	.312 .175 .055	.300 .170 .053	
3.0	.318 .169 .051	.312 .167 .050	.299 .162 .049	.288 .158 .048	.277 .154 .048	
4.0	.293 .152 .045	.287 .150 .044	.276 .146 .044	.266 .143 .043	.256 .139 .042	
5.0	.270 .137 .040	.265 .136 .040	.255 .133 .039	.246 .130 .039	.237 .127 .038	
6.0	.250 .125 .036	.245 .124 .036	.236 .121 .035	.228 .119 .035	.221 .116 .035	
7.0	.232 .115 .033	.228 .114 .032	.220 .111 .032	.213 .109 .032	.206 .107 .031	
8.0	.216 .106 .030	.213 .105 .030	.206 .103 .029	.199 .101 .029	.193 .099 .029	
9.0	.203 .098 .027	.199 .097 .027	.193 .095 .027	.187 .094 .027	.182 .092 .027	
10.0	.190 .091 .025	.187 .091 .025	.182 .089 .025	.176 .088 .025	.171 .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	.225 .225 .225	.192 .192 .192	.131 .131 .131	.075 .075 .075	.024 .024 .024	
1.0	.214 .185 .159	.183 .159 .137	.125 .109 .095	.072 .063 .055	.023 .020 .018	
2.0	.205 .157 .117	.175 .135 .101	.120 .094 .070	.069 .054 .041	.022 .018 .013	
3.0	.196 .137 .090	.168 .118 .078	.115 .082 .055	.067 .048 .032	.021 .016 .011	
4.0	.187 .121 .071	.161 .105 .062	.110 .073 .044	.064 .043 .026	.021 .014 .008	
5.0	.178 .109 .059	.153 .095 .051	.106 .066 .036	.061 .039 .021	.020 .013 .007	
6.0	.170 .100 .049	.146 .086 .043	.101 .061 .030	.058 .036 .018	.019 .012 .006	
7.0	.162 .092 .043	.139 .080 .037	.096 .056 .026	.056 .033 .016	.018 .011 .005	
8.0	.154 .085 .038	.133 .074 .033	.092 .052 .023	.054 .031 .014	.017 .010 .005	
9.0	.147 .079 .034	.127 .069 .029	.088 .048 .021	.051 .029 .012	.017 .009 .004	
10.0	.141 .074 .030	.121 .065 .027	.084 .045 .019	.049 .027 .011	.016 .009 .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-B-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					16.0	17.5	16.3	17.8	18.0	16.3	17.9	16.6	18.1	18.3
					3H	17.6	19.0	17.9	19.2	18.0	19.4	18.3	19.7	19.9
					4H	18.2	19.5	18.5	19.8	18.8	20.1	19.1	20.4	20.7
					6H	18.6	19.9	19.0	20.2	19.4	20.7	19.8	21.0	21.3
					8H	18.7	20.0	19.1	20.3	19.6	20.9	20.0	21.2	21.5
					12H	18.8	19.9	19.1	20.3	19.8	21.0	20.2	21.3	21.6
4H					2H	16.7	18.0	17.0	18.3	16.9	18.3	17.2	18.5	18.8
					3H	18.4	19.6	18.8	19.9	18.8	20.0	19.2	20.3	20.6
					4H	19.2	20.3	19.6	20.6	19.7	20.8	20.1	21.1	21.5
					6H	19.8	20.7	20.2	21.1	20.5	21.5	20.9	21.8	22.2
					8H	19.9	20.8	20.3	21.2	20.8	21.7	21.2	22.1	22.5
					12H	20.0	20.8	20.4	21.2	21.0	21.9	21.5	22.2	22.7
8H					4H	19.5	20.4	20.0	20.8	20.0	20.9	20.4	21.3	21.7
					6H	20.3	21.0	20.7	21.4	20.9	21.7	21.4	22.1	22.5
					8H	20.5	21.2	21.0	21.6	21.3	22.0	21.8	22.4	22.9
					12H	20.6	21.2	21.1	21.6	21.7	22.2	22.2	22.7	23.2
12H					4H	19.6	20.4	20.0	20.8	20.0	20.8	20.4	21.2	21.6
					6H	20.3	21.0	20.8	21.4	21.0	21.7	21.5	22.1	22.6
					8H	20.6	21.2	21.1	21.7	21.4	22.0	21.9	22.5	23.0
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 120.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.4)

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

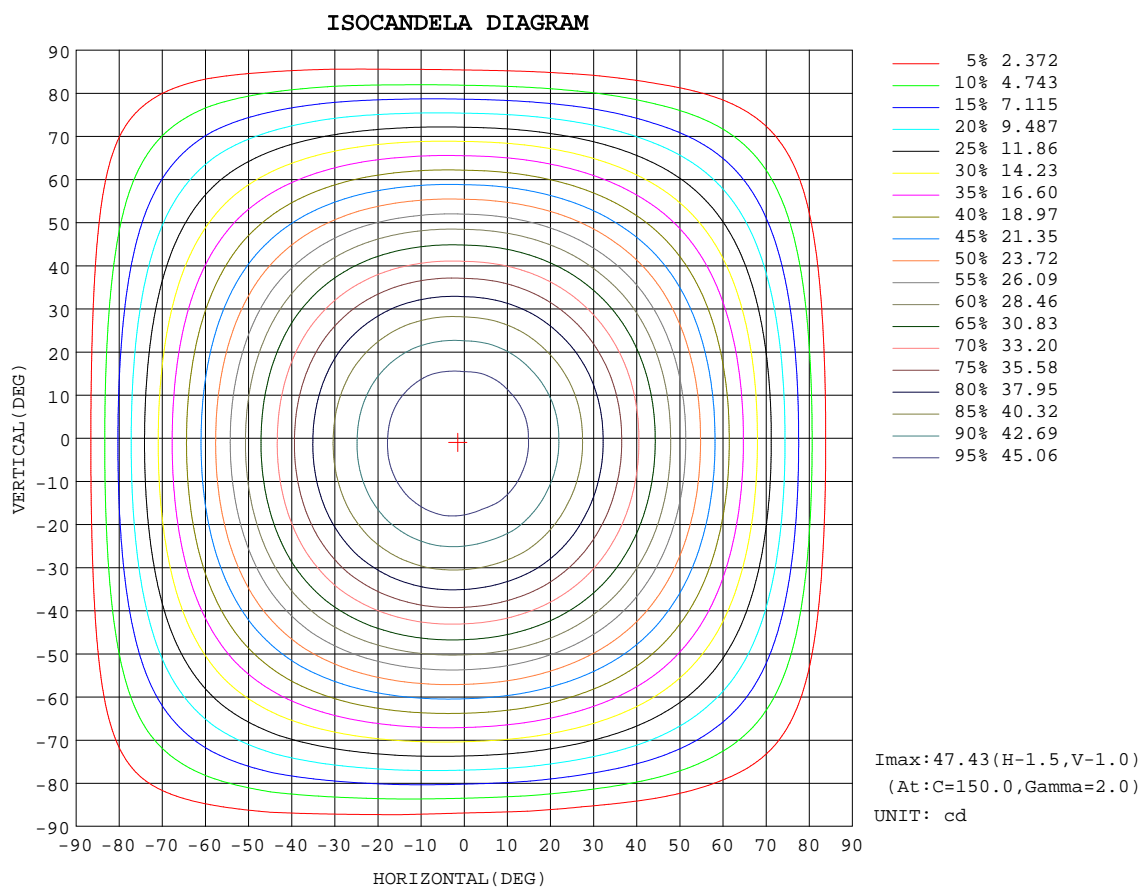
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	66	52	44	65	52	44	64	51	44	36
0.80	77	64	55	76	63	55	74	62	54	46
1.00	87	74	65	85	73	65	83	75	64	56
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	113	104	97	111	103	96	106	99	94	84
3.00	117	109	103	115	107	101	110	104	99	89
4.00	122	115	110	119	113	108	114	109	105	94
5.00	125	119	114	122	117	112	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:2018-08-18

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

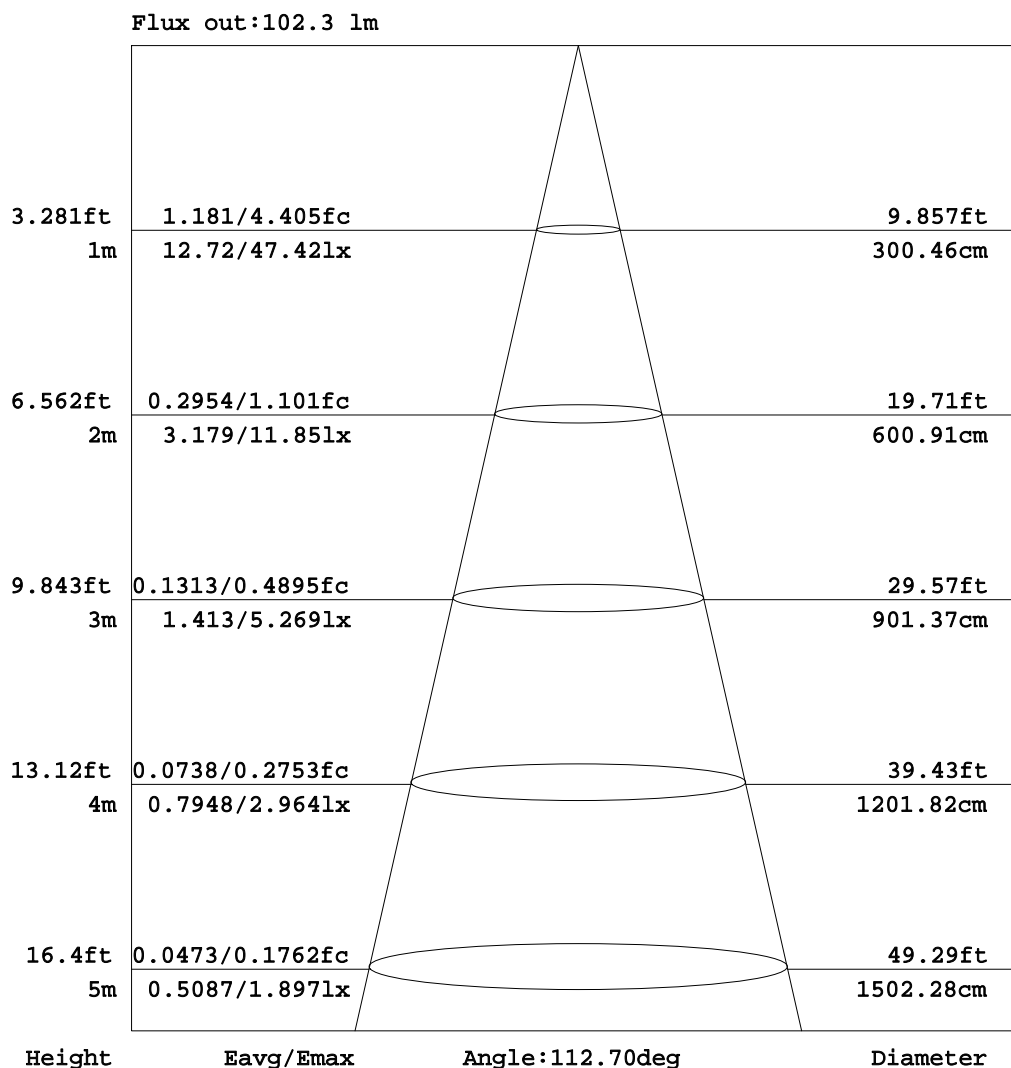


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: shan
Test Date: 2018-08-18

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



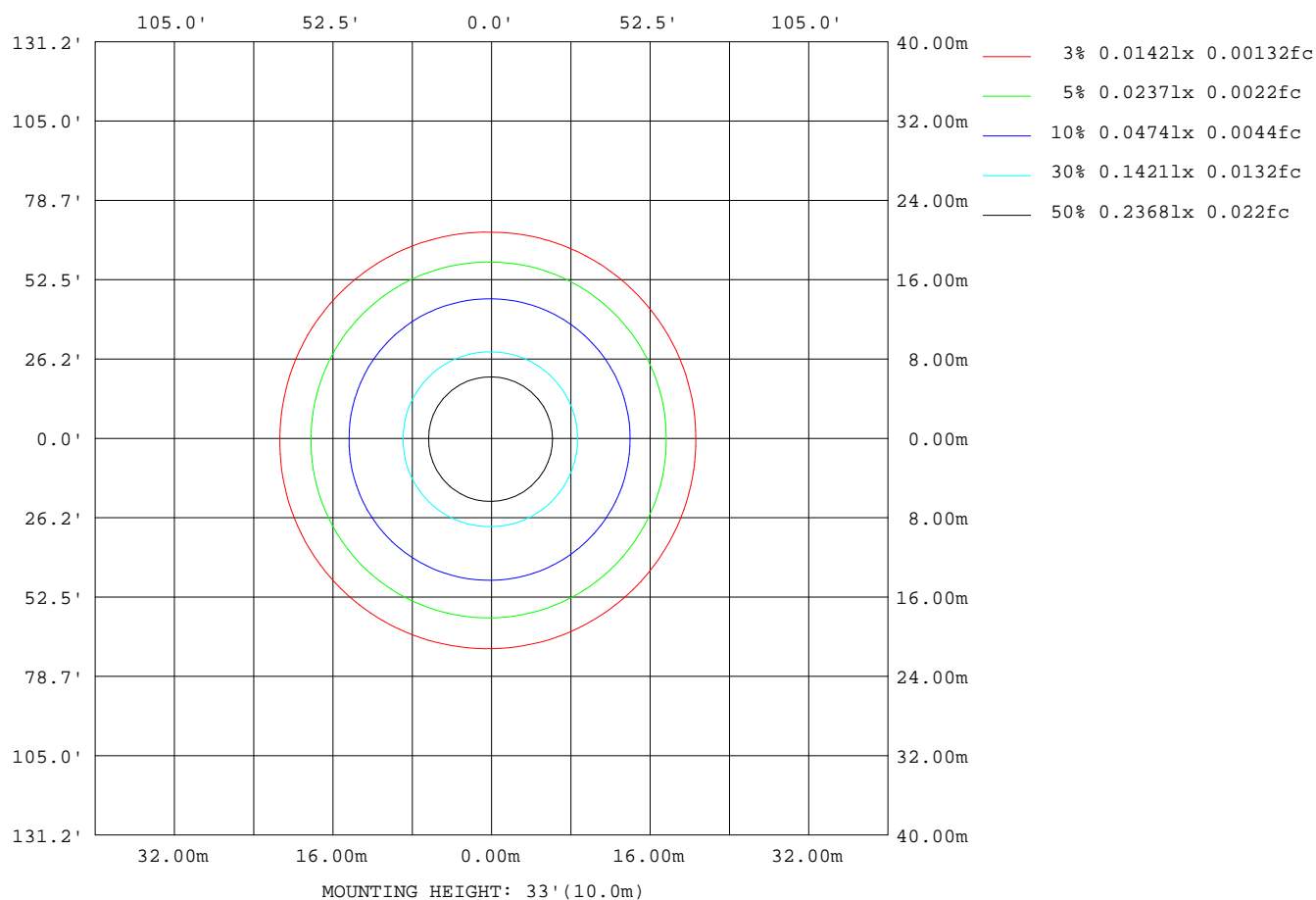
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-B-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-B-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	120	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	2568	2578	2592	2610	2632	2657	2684	2713	2735	2749	2767	2787	2808	2824	2831	2826	2811	2797	2786
60	2501	2514	2530	2549	2577	2607	2637	2671	2695	2711	2733	2757	2780	2799	2807	2802	2791	2774	2757
65	2425	2441	2460	2484	2519	2555	2590	2631	2662	2682	2707	2735	2761	2784	2796	2794	2783	2764	2742
70	2326	2350	2376	2407	2449	2496	2544	2594	2631	2656	2689	2721	2751	2783	2801	2800	2785	2758	2728
75	2176	2214	2250	2292	2357	2421	2482	2554	2607	2640	2686	2728	2764	2804	2824	2817	2790	2748	2703
80	1885	1954	2017	2083	2186	2287	2379	2492	2574	2624	2695	2757	2805	2854	2868	2840	2791	2718	2643
85	1053	1219	1360	1503	1735	1947	2127	2357	2522	2619	2754	2860	2933	3030	3031	2928	2825	2672	2510

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	3031	200	---	500
Category 2	65 to 90	3031	200	---	500
Category 3	75 to 90	3031	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-B-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	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
5	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.2	47.2	47.2
10	46.2	46.3	46.3	46.4	46.5	46.6	46.7	46.8	46.8	46.8	46.8	46.7	46.7	46.7	46.6	46.6	46.6	46.5	46.4
15	45.3	45.4	45.5	45.6	45.7	45.9	46.0	46.1	46.1	46.1	46.1	46.0	46.0	46.0	45.9	45.8	45.8	45.7	45.5
20	43.4	43.5	43.6	43.9	44.1	44.3	44.5	44.6	44.7	44.7	44.6	44.5	44.4	44.3	44.3	44.2	44.1	44.0	43.7
25	41.8	41.9	42.1	42.4	42.7	43.0	43.2	43.3	43.3	43.4	43.3	43.1	43.0	42.9	42.9	42.7	42.6	42.5	42.2
30	39.1	39.2	39.4	39.7	40.1	40.4	40.6	40.8	40.9	40.9	40.8	40.6	40.5	40.4	40.3	40.2	40.0	39.8	39.5
35	37.0	37.1	37.3	37.7	38.1	38.4	38.6	38.8	39.0	39.0	38.9	38.7	38.5	38.4	38.4	38.1	38.0	37.7	37.4
40	33.5	33.7	33.9	34.2	34.6	35.0	35.2	35.4	35.6	35.7	35.6	35.4	35.2	35.1	35.0	34.8	34.6	34.3	33.9
45	31.0	31.1	31.4	31.7	32.1	32.5	32.7	32.9	33.1	33.3	33.2	33.0	32.8	32.7	32.6	32.4	32.1	31.8	31.4
50	27.0	27.2	27.4	27.7	28.1	28.5	28.7	28.9	29.2	29.4	29.3	29.1	28.9	28.9	28.7	28.5	28.2	27.8	27.5
55	24.3	24.4	24.6	25.0	25.3	25.7	25.9	26.2	26.4	26.7	26.6	26.4	26.3	26.1	26.1	25.8	25.5	25.1	24.7
60	20.0	20.2	20.4	20.7	21.1	21.5	21.7	22.0	22.2	22.4	22.4	22.3	22.1	22.0	21.8	21.6	21.2	20.9	20.5
65	17.1	17.3	17.5	17.9	18.2	18.6	18.8	19.1	19.4	19.6	19.6	19.5	19.2	19.1	19.0	18.7	18.4	18.0	17.7
70	12.7	12.9	13.2	13.5	13.9	14.3	14.5	14.8	15.1	15.3	15.3	15.2	14.9	14.8	14.7	14.4	14.1	13.7	13.4
75	9.76	9.99	10.2	10.6	11.0	11.4	11.7	11.9	12.2	12.4	12.4	12.2	11.9	11.9	11.8	11.5	11.2	10.8	10.5
80	5.24	5.52	5.79	6.23	6.61	7.07	7.29	7.58	7.79	7.97	7.89	7.67	7.34	7.27	7.27	7.02	6.76	6.38	6.11
85	2.22	2.52	2.83	3.29	3.68	4.14	4.38	4.65	4.83	5.00	4.85	4.60	4.24	4.23	4.23	4.06	3.82	3.48	3.21
90	0.00	0.00	0.00	0.13	0.40	0.66	0.77	0.99	1.06	1.09	0.88	0.64	0.36	0.49	0.68	0.81	0.86	0.80	0.72
95	0.00	0.00	0.00	0.00	0.12	0.20	0.20	0.29	0.35	0.35	0.32	0.24	0.15	0.31	0.47	0.59	0.62	0.59	0.54
100	0.00	0.00	0.00	0.00	0.06	0.13	0.13	0.22	0.21	0.29	0.28	0.21	0.17	0.25	0.39	0.48	0.55	0.51	0.47
105	0.00	0.00	0.00	0.00	0.03	0.09	0.09	0.18	0.21	0.28	0.25	0.19	0.14	0.22	0.36	0.41	0.47	0.47	0.43
110	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.14	0.17	0.24	0.21	0.13	0.14	0.16	0.30	0.38	0.37	0.36	0.36
115	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.10	0.15	0.19	0.16	0.12	0.13	0.24	0.30	0.30	0.32	0.33	0.31
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.10	0.09	0.12	0.11	0.11	0.14	0.21	0.21	0.17	0.21
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.05	0.10	0.09	0.09	0.07	0.15	0.14	0.15	0.14
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.07	0.07	0.02	0.05	0.05	0.04	0.06
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.05	0.01	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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-B-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	47.4	47.4	47.4	47.4	47.4														
5	47.2	47.1	47.1	47.1	47.1														
10	46.3	46.3	46.2	46.2	46.2														
15	45.5	45.4	45.3	45.3	45.3														
20	43.6	43.5	43.4	43.4	43.4														
25	42.1	42.0	41.9	41.8	41.8														
30	39.3	39.2	39.1	39.1	39.0														
35	37.2	37.1	37.0	36.9	36.9														
40	33.8	33.6	33.5	33.4	33.5														
45	31.3	31.1	31.0	31.0	31.0														
50	27.3	27.2	27.0	27.0	27.0														
55	24.6	24.5	24.3	24.3	24.3														
60	20.4	20.2	20.1	20.0	20.0														
65	17.6	17.4	17.2	17.2	17.1														
70	13.2	13.1	12.9	12.8	12.8														
75	10.4	10.2	9.98	9.89	9.80														
80	5.95	5.82	5.54	5.45	5.31														
85	3.11	2.93	2.65	2.53	2.35														
90	0.74	0.59	0.35	0.09	0.00														
95	0.53	0.43	0.23	0.00	0.00														
100	0.46	0.36	0.17	0.00	0.00														
105	0.43	0.33	0.13	0.00	0.00														
110	0.35	0.25	0.08	0.00	0.00														
115	0.30	0.21	0.05	0.00	0.00														
120	0.23	0.14	0.00	0.00	0.00														
125	0.17	0.10	0.00	0.00	0.00														
130	0.07	0.01	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	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	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	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: