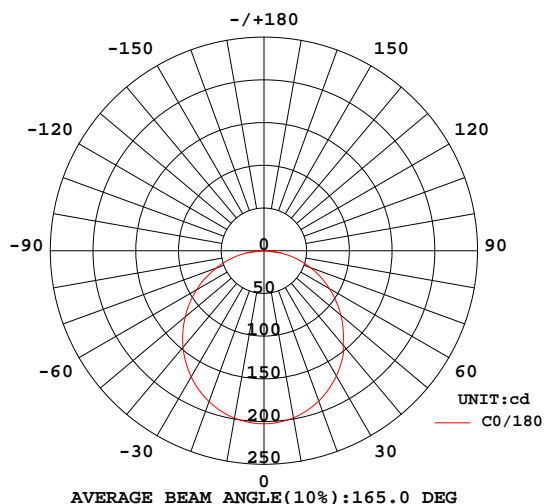


LUMINAIRE PHOTOMETRIC TEST REPORT

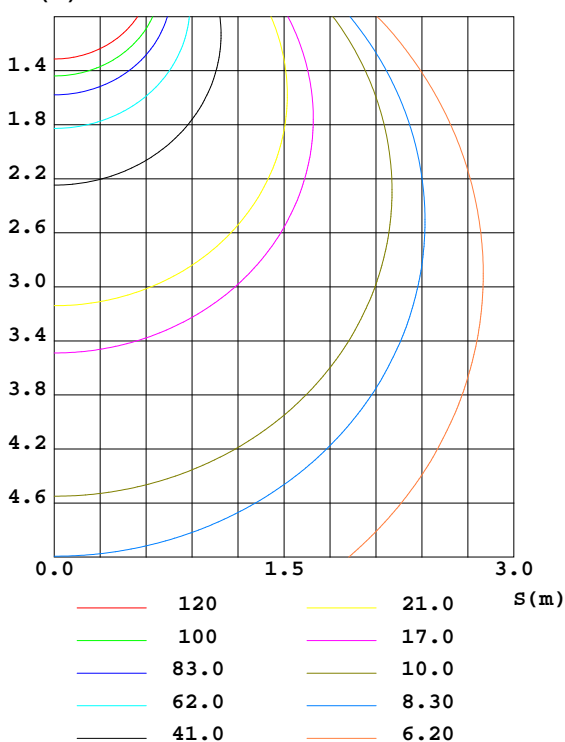
NAME: C-SFR-F22B-VB-D24CC-W2700-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 55.46 lm/W
MODEL	2835	Imax(cd)	202.7	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	12	LOR(%)	100.4	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	605.58	η UP,DN(C0-180)	0.6,48.0	
NOMINAL FLUX(lm)	603.28	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,50.5	
LAMPS INSIDE	1	η up(%)	1.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	98.5	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:
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	198.9	198.4	198.2	198.1	198.5	199.6	200.3	199.9	0- 10	19.16	19.16	3.16,3.18
20	188.1	187.8	187.6	186.9	187.3	189.4	191.0	190.0	10- 20	54.93	74.09	12.2,12.3
30	170.5	170.5	170.1	169.2	169.4	172.6	174.7	173.5	20- 30	83.29	157.4	26,26.1
40	147.5	145.2	145.9	143.8	144.2	150.0	150.1	151.1	30- 40	100.3	257.6	42.5,42.7
50	120.5	117.7	117.2	116.1	117.4	123.4	123.6	124.5	40- 50	103.5	361.1	59.6,59.9
60	91.25	88.13	87.00	86.62	88.32	94.28	94.88	95.48	50- 60	94.51	455.6	75.2,75.5
70	59.83	57.97	55.66	56.48	58.06	63.07	65.34	64.37	60- 70	74.75	530.4	87.6,87.9
80	28.84	27.43	25.22	25.82	27.02	32.42	35.09	33.74	70- 80	47.36	577.7	95.4,95.8
90	0.9844	2.092	2.192	2.514	1.928	5.222	6.906	5.354	80- 90	16.32	594.0	98.1,98.5
100	0.5071	1.506	1.762	2.179	2.108	4.075	4.604	3.324	90-100	3.078	597.1	98.6,99
110	0.2231	1.163	1.517	1.916	2.066	3.550	3.984	2.737	100-110	2.500	599.6	99,99.4
120	0.3035	0.9520	1.308	1.576	1.844	2.715	3.379	2.278	110-120	1.959	601.6	99.3,99.7
130	0.4528	0.8451	1.112	1.334	1.670	2.113	2.746	1.897	120-130	1.475	603.1	99.6,100
140	0.5728	0.7879	0.9578	1.155	1.476	1.621	2.207	1.549	130-140	1.063	604.1	99.8,100
150	0.6781	0.7209	0.8494	0.9709	1.280	0.9752	1.668	0.9214	140-150	0.7095	604.8	99.9,100
160	0.7785	0.7980	0.7761	0.9104	1.094	0.8850	0.7686	0.7489	150-160	0.4263	605.3	99.9,100
170	0.8545	0.8775	0.8744	0.8701	0.9547	0.8526	0.8569	0.8448	160-170	0.2416	605.5	100,100
180	0.9182	0.9347	0.9400	0.9356	0.9500	0.9197	0.9350	0.9154	170-180	0.0850	605.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

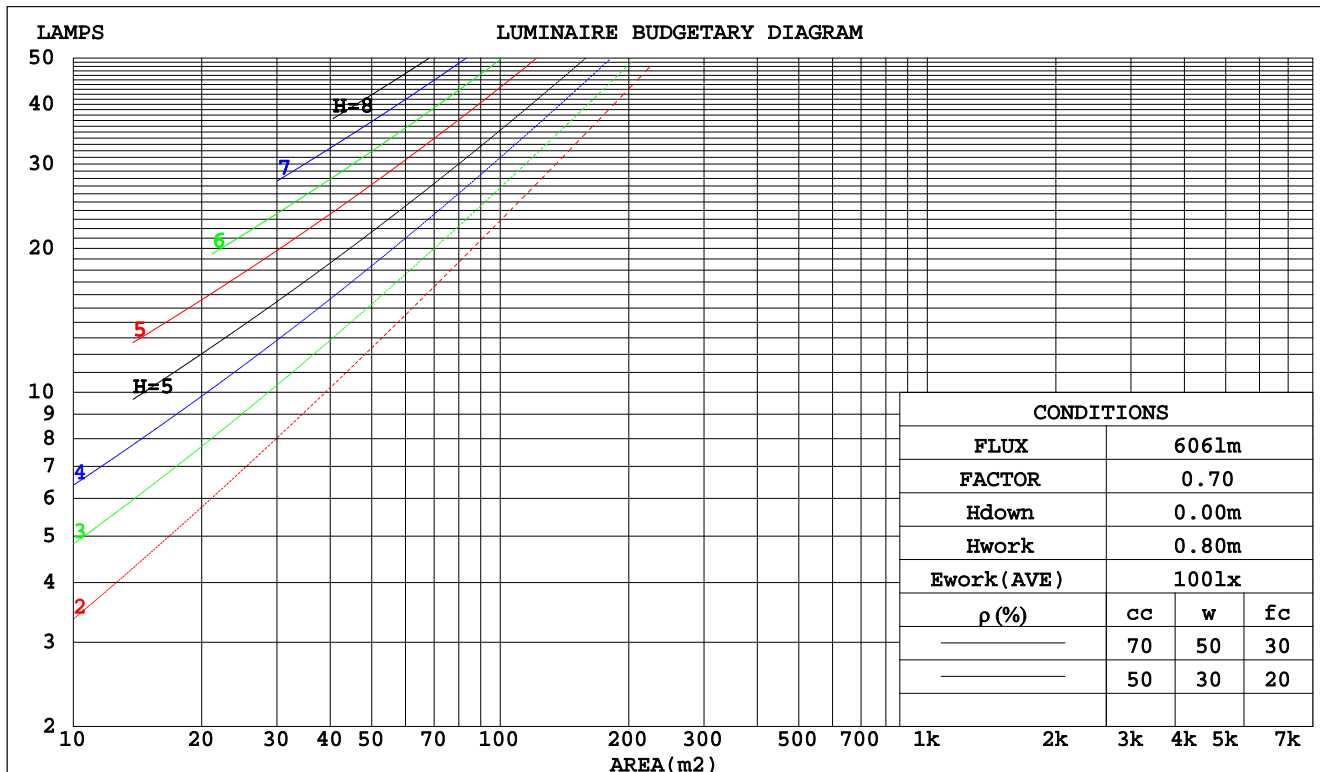
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-W2700-108-2835-1M	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															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.86	.88	.86	.84	.81
2.0	.90	.82	.76	.87	.81	.75	.84	.78	.73	.80	.75	.71	.77	.73	.69	.67
3.0	.78	.70	.63	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



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-W2700-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	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	.289	.166	.053	.276	.160	.052		
2.0	.301	.165	.051	.294	.162	.050	.281	.156	.049	.269	.151	.047	.258	.146	.046		
3.0	.276	.147	.044	.270	.145	.044	.259	.140	.043	.248	.136	.042	.238	.132	.041		
4.0	.254	.132	.039	.248	.130	.038	.238	.126	.038	.229	.123	.037	.220	.120	.036		
5.0	.234	.119	.035	.229	.118	.034	.220	.115	.034	.212	.112	.033	.204	.109	.033		
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.196	.102	.030	.189	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.092	.026	.184	.091	.026	.178	.089	.025	.171	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.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	.116	.073	.149	.101	.063	.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	.158	.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	.040	.120	.069	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
10.0	.133	.076	.038	.115	.066	.033	.080	.046	.023	.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-W2700-108-2835-1M						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	21.3	22.8	21.6	23.0	23.3	21.0	22.5	21.3	22.7	23.0	
	3H	22.9	24.3	23.3	24.6	24.9	22.6	24.0	22.9	24.2	24.5
	4H	23.7	25.0	24.0	25.3	25.6	23.2	24.6	23.6	24.9	25.1
	6H	24.2	25.5	24.6	25.8	26.1	23.7	25.0	24.1	25.3	25.6
	8H	24.5	25.7	24.8	26.0	26.3	23.9	25.1	24.3	25.4	25.8
	12H	24.6	25.8	25.0	26.1	26.4	24.0	25.1	24.4	25.5	25.8
4H	2H	21.9	23.2	22.2	23.5	23.8	21.7	23.0	22.0	23.3	23.6
	3H	23.7	24.9	24.1	25.2	25.6	23.4	24.6	23.8	24.9	25.3
	4H	24.6	25.7	25.0	26.0	26.4	24.2	25.3	24.6	25.7	26.0
	6H	25.3	26.3	25.7	26.7	27.1	24.9	25.8	25.3	26.2	26.6
	8H	25.6	26.5	26.0	26.9	27.3	25.1	26.0	25.5	26.4	26.8
	12H	25.8	26.6	26.2	27.0	27.5	25.2	26.0	25.7	26.4	26.9
8H	4H	24.9	25.8	25.3	26.2	26.6	24.6	25.4	25.0	25.8	26.3
	6H	25.8	26.5	26.2	27.0	27.4	25.4	26.1	25.8	26.6	27.0
	8H	26.1	26.8	26.6	27.3	27.8	25.7	26.3	26.2	26.8	27.3
	12H	26.4	27.0	26.9	27.5	28.0	25.9	26.5	26.4	26.9	27.5
12H	4H	24.9	25.7	25.4	26.1	26.6	24.6	25.4	25.0	25.8	26.3
	6H	25.8	26.5	26.3	27.0	27.5	25.5	26.1	25.9	26.6	27.1
	8H	26.3	26.8	26.8	27.3	27.8	25.8	26.4	26.3	26.9	27.4
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 603.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.8)

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-W2700-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

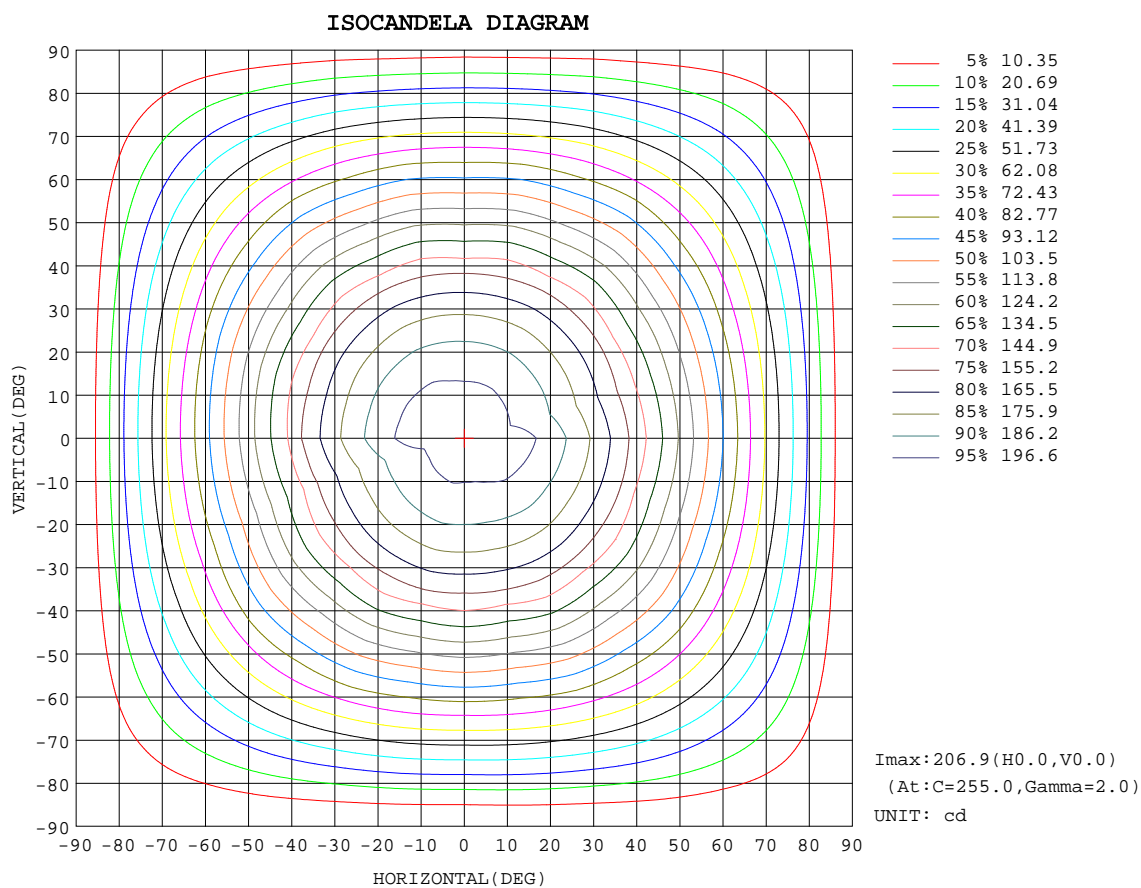
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	83	96	88	82	92	85	80	71
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	80
5.00	108	103	99	105	101	97	100	97	93	84
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-W2700-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

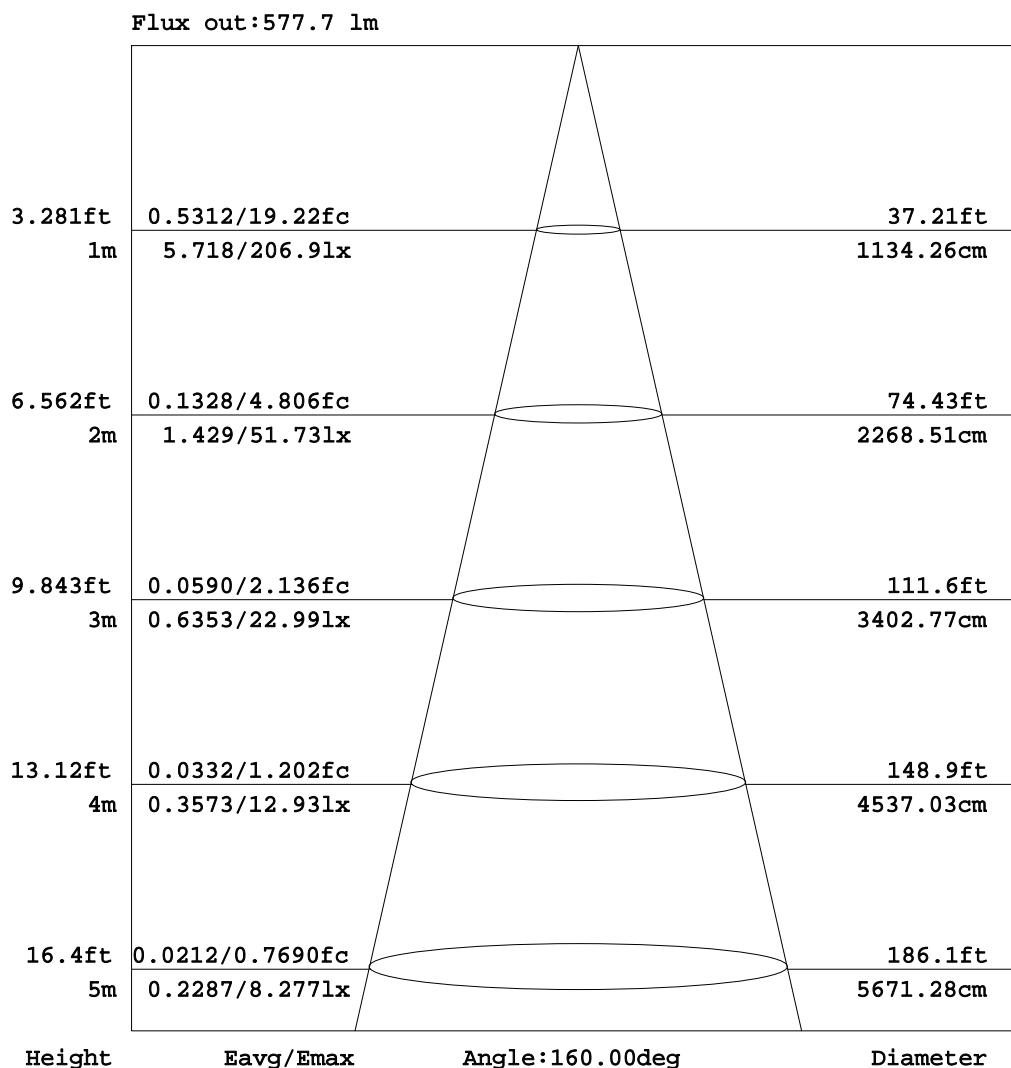


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-27

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-W2700-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



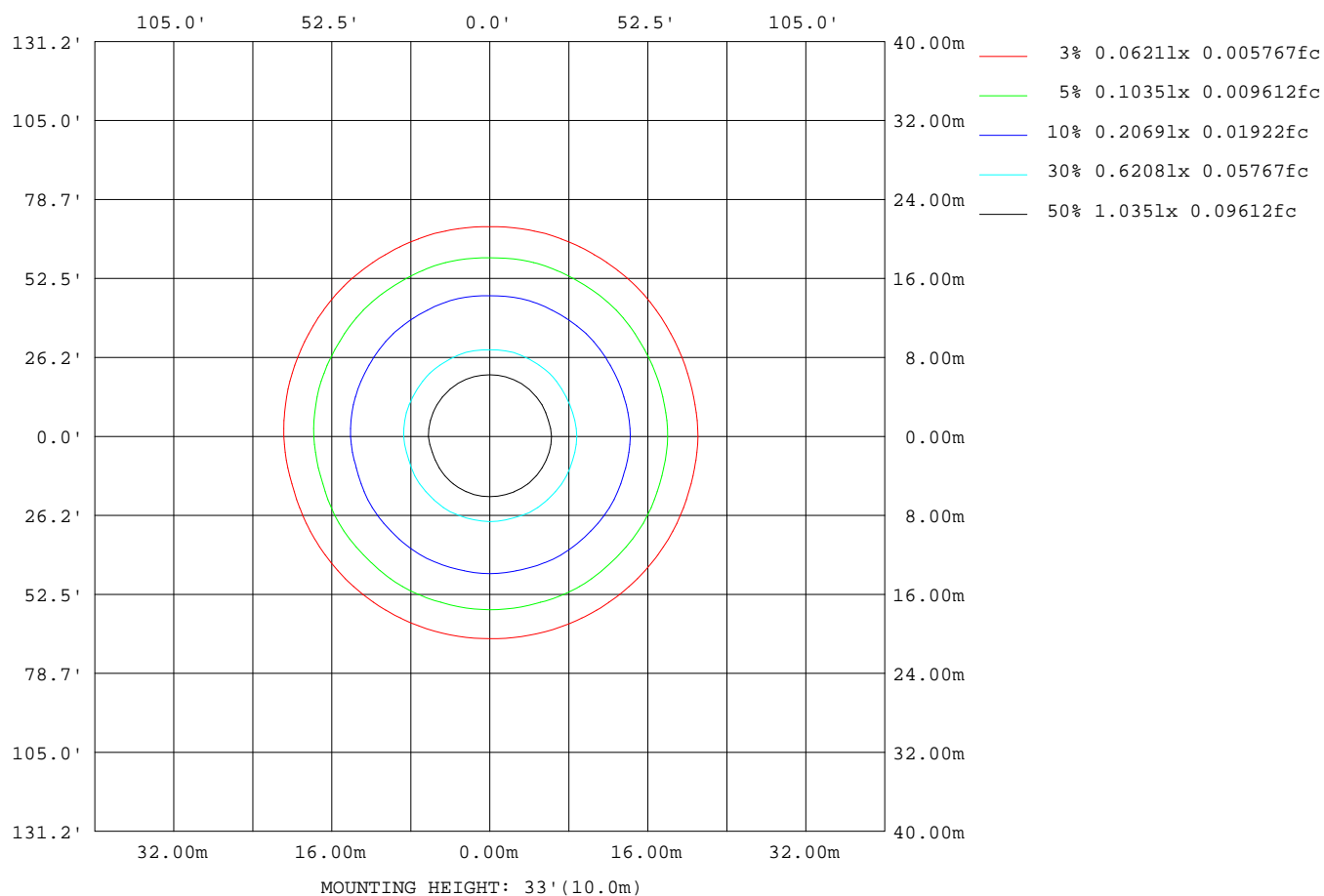
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-W2700-108-2835-1M	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-W2700-108-2835-1M	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	603.28	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 deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	11559	11373	11356	11422	11289	11260	11327	11154	11080	11129	11040	11056	11166	11094	11115	11226	11141	11128	11247
60	11406	11213	11184	11233	11084	11043	11102	10925	10839	10875	10787	10808	10923	10856	10884	11004	10930	10919	11040
65	11186	11057	10974	10921	10851	10777	10701	10633	10543	10456	10479	10500	10502	10557	10592	10602	10644	10726	10849
70	10933	10871	11078	110680	10621	10552	10467	10397	10288	10171	10192	10215	10221	10288	10329	10338	10381	10472	10610
75	10729	10660	10541	10402	10339	10249	10121	10035	9903	9760	9793	9819	9813	9884	9927	9935	9993	10104	10273
80	10379	10321	10170	9977	9909	9785	9593	9493	9304	9077	9143	9177	9140	9240	9304	9321	9426	9552	9726
85	9481	9447	9183	8810	8713	8484	8109	7959	7686	7338	7397	7436	7396	7538	7586	7544	7681	7895	8258

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	11559	200	---	500
Category 2	65 to 90	11186	200	---	500
Category 3	75 to 90	10729	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-W2700-108-2835-1M	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	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203	203
5	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	203	203	202
10	199	199	198	198	198	198	198	198	198	198	198	198	199	199	199	200	200	200	200
15	195	195	195	195	195	195	195	195	194	194	194	194	195	195	196	196	198	198	197
20	188	188	187	188	188	188	188	188	187	187	186	187	187	188	189	189	191	191	191
25	182	181	181	182	182	182	181	182	181	181	180	180	181	181	183	183	185	186	185
30	170	170	170	170	171	170	170	170	170	169	169	169	169	170	172	173	174	175	175
35	162	162	161	162	162	162	161	161	161	161	160	160	161	162	163	164	166	167	166
40	147	145	147	145	147	145	146	144	146	144	145	143	144	147	147	150	151	152	150
45	137	135	136	135	136	134	135	133	135	133	135	133	134	137	137	140	140	142	140
50	120	118	119	118	119	116	117	116	117	116	118	116	117	120	121	123	123	126	124
55	109	107	108	106	107	105	105	104	106	104	106	105	106	109	109	112	112	114	112
60	91.2	89.3	89.9	88.1	88.8	86.7	87.0	86.1	87.4	86.6	88.0	87.2	88.3	91.1	91.6	94.3	94.4	96.4	94.9
65	79.2	77.5	77.2	76.2	75.5	74.7	73.7	74.0	74.1	74.6	74.8	75.2	76.4	78.4	79.8	82.3	82.6	84.4	83.2
70	59.8	59.3	58.4	58.0	57.3	56.7	55.7	55.9	55.9	56.5	56.6	57.0	58.1	59.6	61.7	63.1	64.6	65.3	65.3
75	47.5	47.0	46.1	45.7	44.9	44.4	43.5	43.7	43.7	44.2	44.2	44.7	45.6	47.3	49.3	50.9	52.4	53.0	53.3
80	28.8	28.5	27.7	27.4	26.7	26.2	25.2	25.5	25.4	25.8	25.9	26.4	27.0	28.6	31.0	32.4	34.1	34.7	35.1
85	16.4	16.2	15.4	15.1	14.3	14.0	13.2	13.4	13.3	13.6	13.6	13.9	14.6	16.5	18.7	20.2	21.8	22.5	23.0
90	0.9844	1.38	1.75	2.09	2.29	2.31	2.19	2.36	2.51	2.51	2.43	2.24	1.93	2.97	4.16	5.22	6.19	6.67	6.91
95	0.58	0.97	1.40	1.76	1.98	2.05	1.96	2.14	2.31	2.35	2.33	2.23	2.00	2.81	3.71	4.40	4.90	5.07	5.00
100	0.51	0.75	1.16	1.51	1.74	1.84	1.76	1.93	2.13	2.18	2.20	2.17	2.11	2.69	3.47	4.07	4.50	4.64	4.60
105	0.41	0.59	1.01	1.36	1.60	1.73	1.66	1.81	2.00	2.10	2.13	2.12	2.11	2.60	3.31	3.84	4.23	4.34	4.36
110	0.22	0.40	0.78	1.16	1.42	1.57	1.52	1.66	1.83	1.92	1.92	2.00	2.07	2.38	2.98	3.55	3.89	3.95	3.98
115	0.22	0.34	0.70	1.06	1.32	1.48	1.43	1.55	1.68	1.76	1.80	1.89	1.99	2.19	2.69	3.14	3.64	3.70	3.74
120	0.30	0.36	0.65	0.95	1.19	1.34	1.31	1.40	1.49	1.58	1.66	1.74	1.84	1.85	2.36	2.72	3.10	3.36	3.38
125	0.37	0.39	0.64	0.90	1.11	1.27	1.23	1.31	1.36	1.47	1.57	1.68	1.78	1.64	2.17	2.46	2.73	3.12	3.13
130	0.45	0.47	0.64	0.85	1.02	1.14	1.11	1.14	1.20	1.33	1.46	1.59	1.67	1.54	1.91	2.11	2.31	2.64	2.75
135	0.50	0.53	0.64	0.81	0.96	1.07	1.05	1.02	1.11	1.26	1.39	1.52	1.59	1.48	1.71	1.90	2.04	2.29	2.50
140	0.57	0.59	0.62	0.79	0.89	0.98	0.96	0.89	1.00	1.15	1.25	1.41	1.48	1.37	1.29	1.62	1.70	1.85	2.21
145	0.62	0.64	0.65	0.78	0.86	0.92	0.91	0.82	0.95	1.09	1.19	1.34	1.40	1.31	1.17	1.42	1.52	1.60	2.00
150	0.68	0.70	0.70	0.72	0.82	0.87	0.85	0.77	0.88	0.97	1.11	1.23	1.28	1.20	1.10	0.98	1.21	1.25	1.67
155	0.72	0.73	0.74	0.75	0.75	0.83	0.82	0.76	0.85	0.95	1.05	1.16	1.21	1.13	1.04	0.92	0.91	1.06	1.44
160	0.78	0.79	0.79	0.80	0.79	0.79	0.78	0.77	0.83	0.91	0.98	1.06	1.09	1.03	0.97	0.88	0.80	0.73	0.77
165	0.81	0.83	0.83	0.84	0.82	0.83	0.82	0.81	0.83	0.89	0.93	1.00	1.03	0.97	0.93	0.87	0.80	0.78	0.79
170	0.85	0.87	0.87	0.88	0.87	0.88	0.87	0.87	0.87	0.87	0.89	0.93	0.95	0.90	0.89	0.85	0.86	0.85	0.86
175	0.89	0.90	0.90	0.91	0.90	0.90	0.91	0.90	0.90	0.89	0.88	0.90	0.93	0.88	0.89	0.88	0.88	0.90	0.89
180	0.92	0.93	0.92	0.93	0.92	0.93	0.94	0.93	0.93	0.94	0.92	0.93	0.95	0.91	0.93	0.92	0.93	0.93	0.93

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-W2700-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	203	203	203	203	203														
5	202	202	202	202	202														
10	200	200	200	200	199														
15	197	197	197	197	196														
20	191	191	190	190	189														
25	185	185	184	184	183														
30	174	174	174	173	172														
35	166	166	165	164	163														
40	152	150	151	148	149														
45	141	140	141	138	139														
50	125	124	125	122	123														
55	114	112	113	111	111														
60	96.2	94.9	95.5	93.2	93.3														
65	84.3	83.1	83.5	81.4	80.7														
70	65.2	65.2	64.4	63.4	61.9														
75	53.3	53.1	52.1	51.1	49.5														
80	35.0	34.9	33.7	32.7	30.9														
85	22.9	22.8	21.7	20.4	18.7														
90	6.78	6.43	5.35	4.13	2.64														
95	4.86	4.47	3.72	2.72	1.61														
100	4.45	4.06	3.32	2.37	1.32														
105	4.20	3.81	3.08	2.15	1.14														
110	3.85	3.45	2.74	1.83	0.89														
115	3.61	3.22	2.54	1.65	0.73														
120	3.26	2.89	2.28	1.49	0.63														
125	3.03	2.69	2.12	1.40	0.47														
130	2.71	2.40	1.90	1.28	0.43														
135	2.48	2.21	1.76	1.16	0.48														
140	2.16	1.94	1.55	0.88	0.56														
145	1.95	1.76	1.37	0.64	0.61														
150	1.63	1.45	0.92	0.65	0.67														
155	1.40	1.08	0.70	0.70	0.71														
160	0.77	0.75	0.75	0.76	0.77														
165	0.78	0.79	0.79	0.80	0.81														
170	0.86	0.85	0.84	0.85	0.87														
175	0.88	0.88	0.88	0.88	0.89														
180	0.93	0.92	0.92	0.91	0.93														

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: