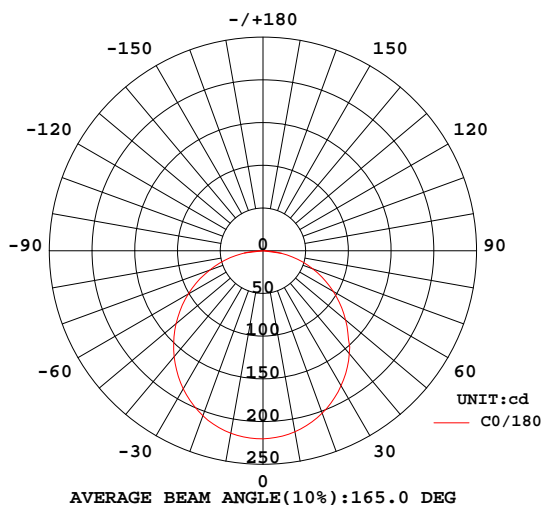


LUMINAIRE PHOTOMETRIC TEST REPORT

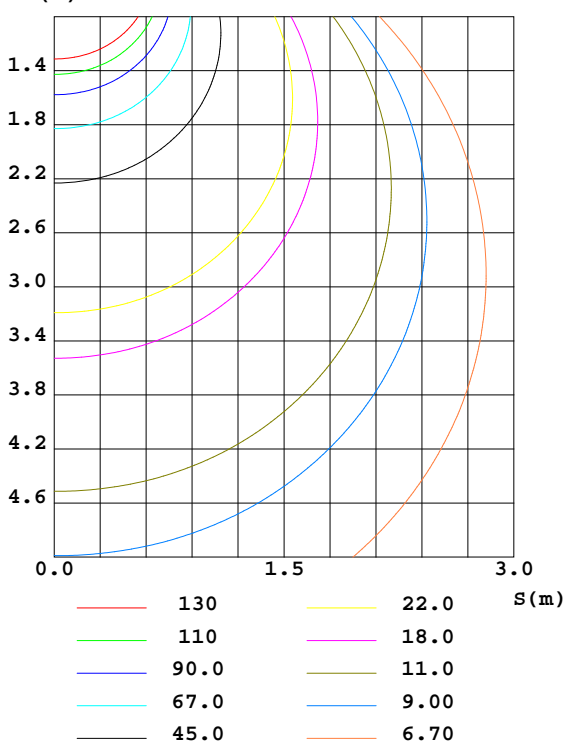
NAME: C-SFR-F22B-VB-D24CC-W4000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 60.49 lm/W
MODEL	2835	I _{max} (cd)	220.1	S/MH(C0/180)	1.26	
NOMINAL POWER(W)	12	LOR(%)	99.6	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	660.51	η UP,DN(C0-180)	1.2,47.8	
NOMINAL FLUX(lm)	663.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,49.7	
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	97.6	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:2018-06-28

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	216.9	216.1	215.3	214.9	215.2	216.1	217.3	217.4	0- 10	20.82	20.82	3.15,3.14
20	205.5	204.7	203.0	202.1	202.4	204.8	207.4	207.3	10- 20	59.65	80.46	12.2,12.1
30	186.6	185.5	183.2	182.3	182.7	186.5	190.2	189.5	20- 30	90.37	170.8	25.9,25.8
40	161.9	160.4	157.5	157.0	157.3	162.0	165.9	165.5	30- 40	108.9	279.8	42.4,42.2
50	132.8	129.1	127.8	125.4	126.3	132.9	134.5	136.5	40- 50	112.7	392.4	59.4,59.2
60	100.8	97.74	96.20	94.11	94.72	101.0	102.5	104.5	50- 60	102.9	495.3	75,74.7
70	66.43	65.23	62.62	61.86	62.16	67.15	70.01	70.19	60- 70	81.73	577.1	87.4,87
80	32.45	31.97	29.80	29.03	28.61	33.88	37.04	36.70	70- 80	51.92	629.0	95.2,94.8
90	1.412	4.785	6.011	4.981	1.951	3.778	5.506	4.744	80- 90	18.20	647.2	98,97.6
100	0.6195	4.011	5.325	4.472	2.380	2.542	2.288	1.854	90-100	3.590	650.8	98.5,98.1
110	0.1916	3.305	4.685	3.908	2.032	2.249	1.938	1.411	100-110	2.887	653.7	99,98.5
120	0.3511	2.773	4.028	2.981	1.860	1.811	1.681	1.166	110-120	2.255	655.9	99.3,98.9
130	0.5109	2.315	3.359	2.349	1.712	1.532	1.374	1.025	120-130	1.708	657.6	99.6,99.1
140	0.6436	1.833	2.684	1.798	1.535	1.306	1.213	0.9420	130-140	1.226	658.9	99.8,99.3
150	0.7640	0.7984	1.994	1.060	1.359	1.100	1.050	0.7836	140-150	0.8056	659.7	99.9,99.4
160	0.8648	0.8905	0.8835	1.012	1.206	1.025	0.8460	0.8411	150-160	0.4677	660.1	99.9,99.5
170	0.9581	0.9800	0.9816	0.9596	1.042	0.9700	0.9668	0.9519	160-170	0.2710	660.4	100,99.6
180	1.037	1.037	1.050	1.025	1.042	1.047	1.052	1.025	170-180	0.0950	660.5	100,99.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

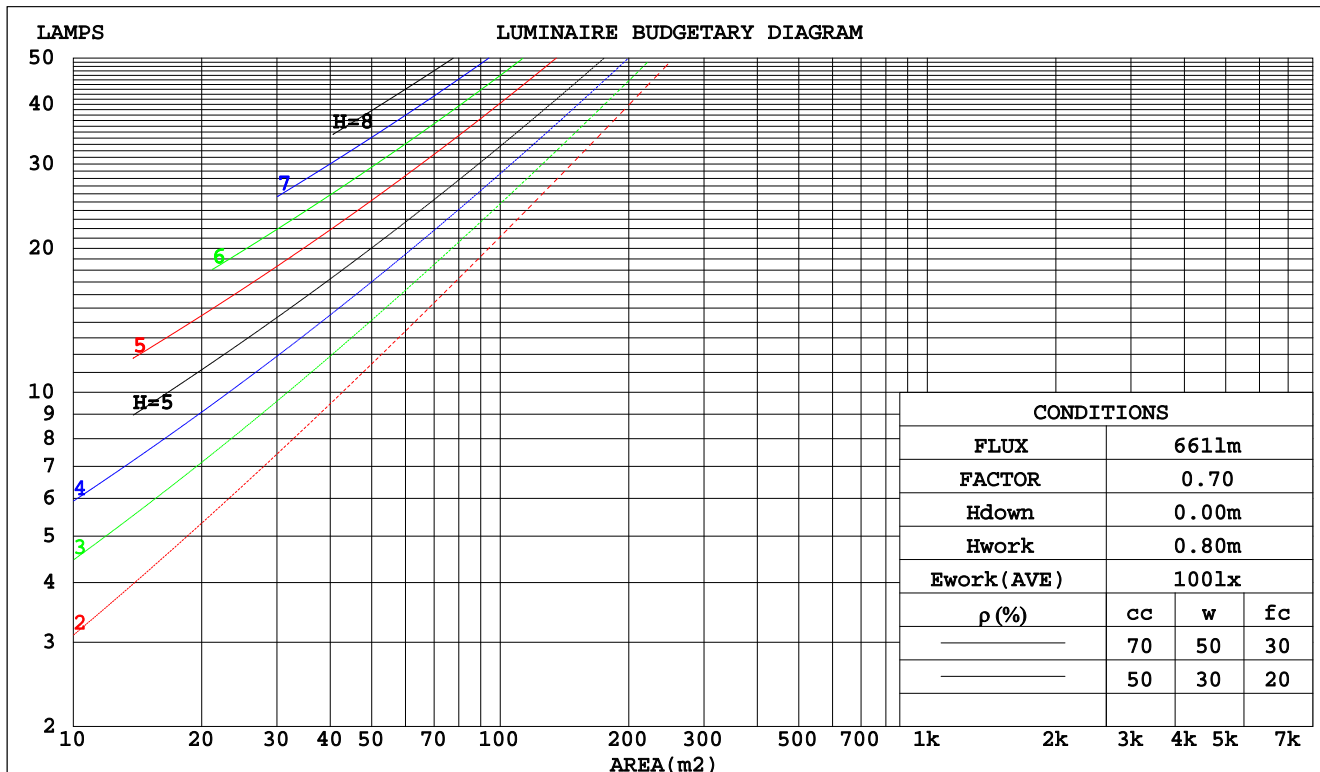
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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-W4000-108-2835-1M	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.98
1.0	1.02	.98	.94	.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.56	.51	.59	.54	.50	.47
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.45	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-06-28

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-W4000-108-2835-1M	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	.322	.183	.058	.315	.180	.057	.300	.172	.055	.287	.166	.053	.275	.159	.051		
2.0	.299	.164	.050	.292	.161	.050	.279	.155	.048	.268	.150	.047	.257	.145	.046		
3.0	.274	.146	.044	.268	.144	.043	.257	.139	.042	.247	.135	.041	.237	.131	.041		
4.0	.252	.131	.039	.247	.129	.038	.237	.125	.037	.227	.122	.037	.218	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.210	.111	.033	.202	.108	.032		
6.0	.215	.108	.031	.211	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029		
7.0	.199	.099	.028	.196	.097	.028	.188	.095	.027	.182	.093	.027	.175	.091	.027		
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023		
10.0	.164	.078	.022	.161	.078	.022	.155	.076	.021	.150	.075	.021	.146	.073	.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	.205	.205	.205	.175	.175	.175	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.196	.171	.148	.168	.147	.127	.115	.101	.088	.066	.058	.051	.021	.019	.017	
2.0	.188	.147	.112	.161	.126	.097	.110	.087	.068	.064	.051	.040	.020	.016	.013	
3.0	.180	.129	.089	.155	.112	.077	.106	.078	.054	.061	.045	.032	.020	.015	.010	
4.0	.173	.116	.073	.148	.100	.064	.102	.070	.045	.059	.041	.026	.019	.013	.009	
5.0	.165	.106	.062	.142	.092	.054	.098	.064	.038	.057	.038	.023	.018	.012	.007	
6.0	.158	.098	.054	.136	.085	.047	.094	.059	.034	.054	.035	.020	.018	.011	.007	
7.0	.151	.091	.049	.130	.079	.042	.090	.055	.030	.052	.033	.018	.017	.011	.006	
8.0	.145	.085	.044	.125	.074	.039	.086	.052	.027	.050	.031	.016	.016	.010	.005	
9.0	.139	.080	.041	.119	.070	.036	.083	.049	.025	.048	.029	.015	.016	.009	.005	
10.0	.133	.076	.038	.115	.066	.033	.079	.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:2018-06-28

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-W4000-108-2835-1M					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					21.6	23.2	21.9	23.4	23.6	21.4	22.9	21.7	23.1	23.4
3H					23.3	24.7	23.7	25.0	25.3	23.0	24.4	23.3	24.7	25.0
4H					24.1	25.4	24.4	25.7	26.0	23.7	25.0	24.0	25.3	25.6
6H					24.7	25.9	25.0	26.2	26.6	24.3	25.5	24.6	25.8	26.1
8H					24.9	26.1	25.3	26.4	26.8	24.4	25.7	24.8	26.0	26.3
12H					25.0	26.2	25.4	26.5	26.9	24.6	25.7	24.9	26.1	26.4
4H 2H					22.3	23.6	22.6	23.9	24.2	22.1	23.4	22.4	23.7	24.0
3H					24.1	25.3	24.5	25.7	26.0	23.9	25.0	24.3	25.4	25.7
4H					25.0	26.1	25.4	26.5	26.8	24.7	25.8	25.1	26.1	26.5
6H					25.8	26.7	26.2	27.1	27.5	25.4	26.4	25.9	26.8	27.2
8H					26.1	26.9	26.5	27.4	27.8	25.7	26.6	26.1	27.0	27.4
12H					26.3	27.1	26.7	27.5	28.0	25.8	26.6	26.3	27.1	27.5
8H 4H					25.3	26.2	25.8	26.6	27.1	25.1	26.0	25.5	26.4	26.8
6H					26.3	27.0	26.7	27.4	27.9	25.9	26.7	26.4	27.1	27.6
8H					26.6	27.3	27.1	27.8	28.3	26.3	27.0	26.8	27.4	27.9
12H					27.0	27.5	27.5	28.0	28.5	26.6	27.1	27.1	27.6	28.1
12H 4H					25.4	26.2	25.8	26.6	27.0	25.1	25.9	25.6	26.3	26.8
6H					26.3	27.0	26.8	27.5	28.0	26.0	26.7	26.5	27.2	27.7
8H					26.8	27.3	27.3	27.8	28.4	26.5	27.0	27.0	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 663.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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-W4000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

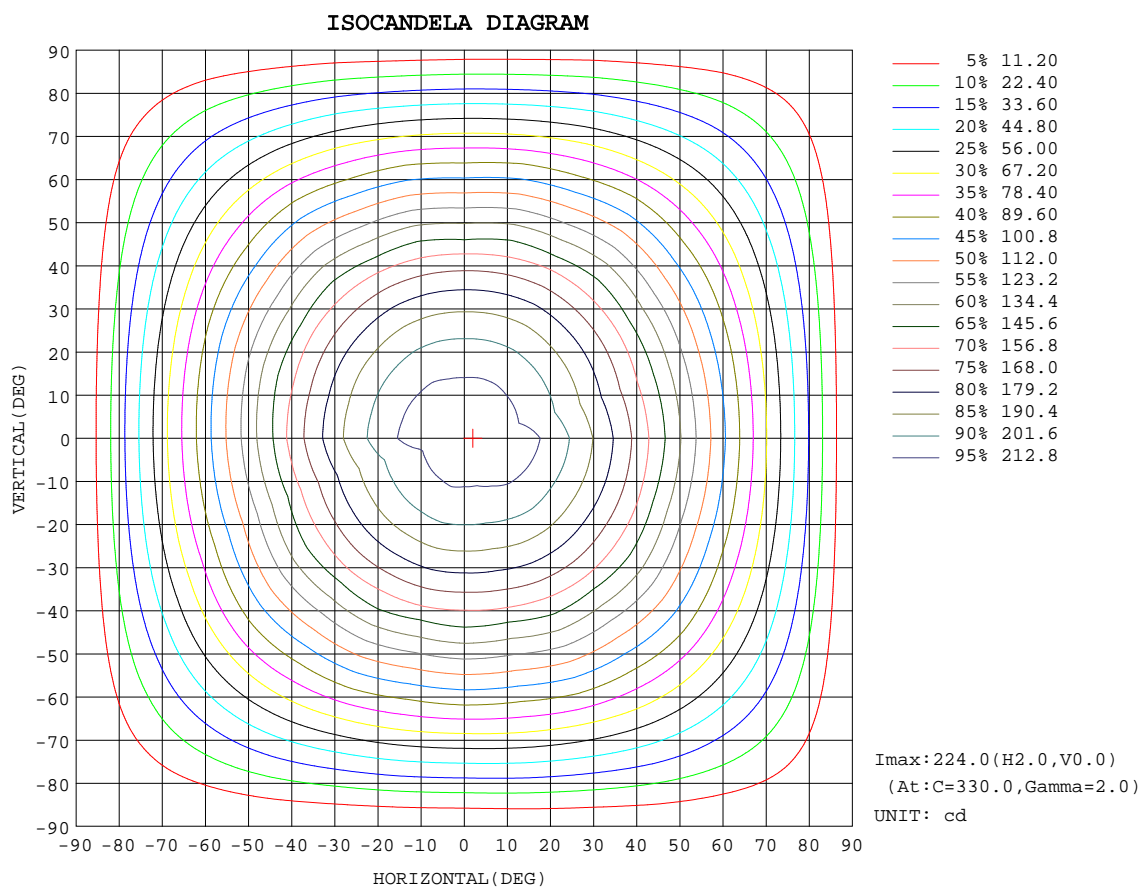
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	69	62	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	77	91	83	76	87	80	75	67
2.50	97	89	83	95	87	82	91	84	79	71
3.00	100	93	87	98	91	86	94	88	84	75
4.00	105	98	94	102	97	92	97	93	89	80
5.00	107	102	98	104	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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-W4000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:



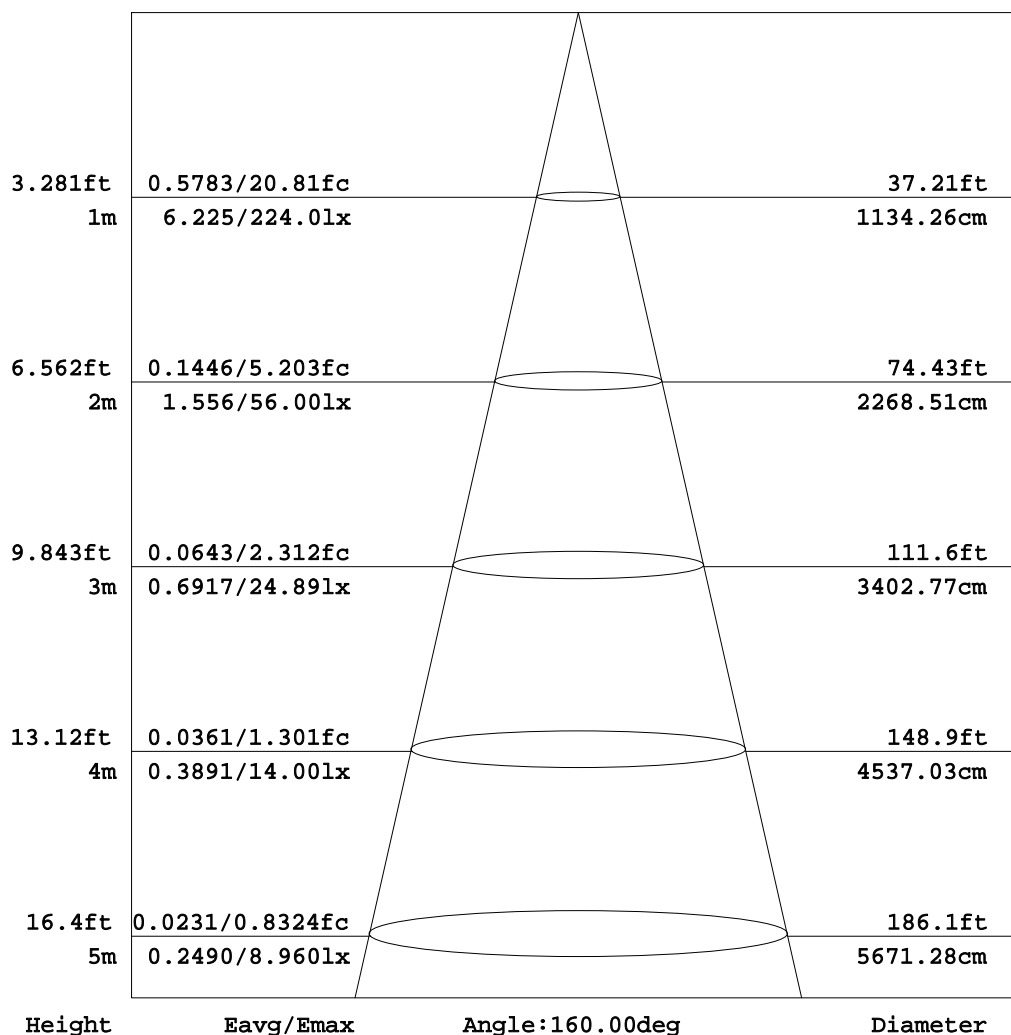
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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-W4000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

Flux out:629.0 lm



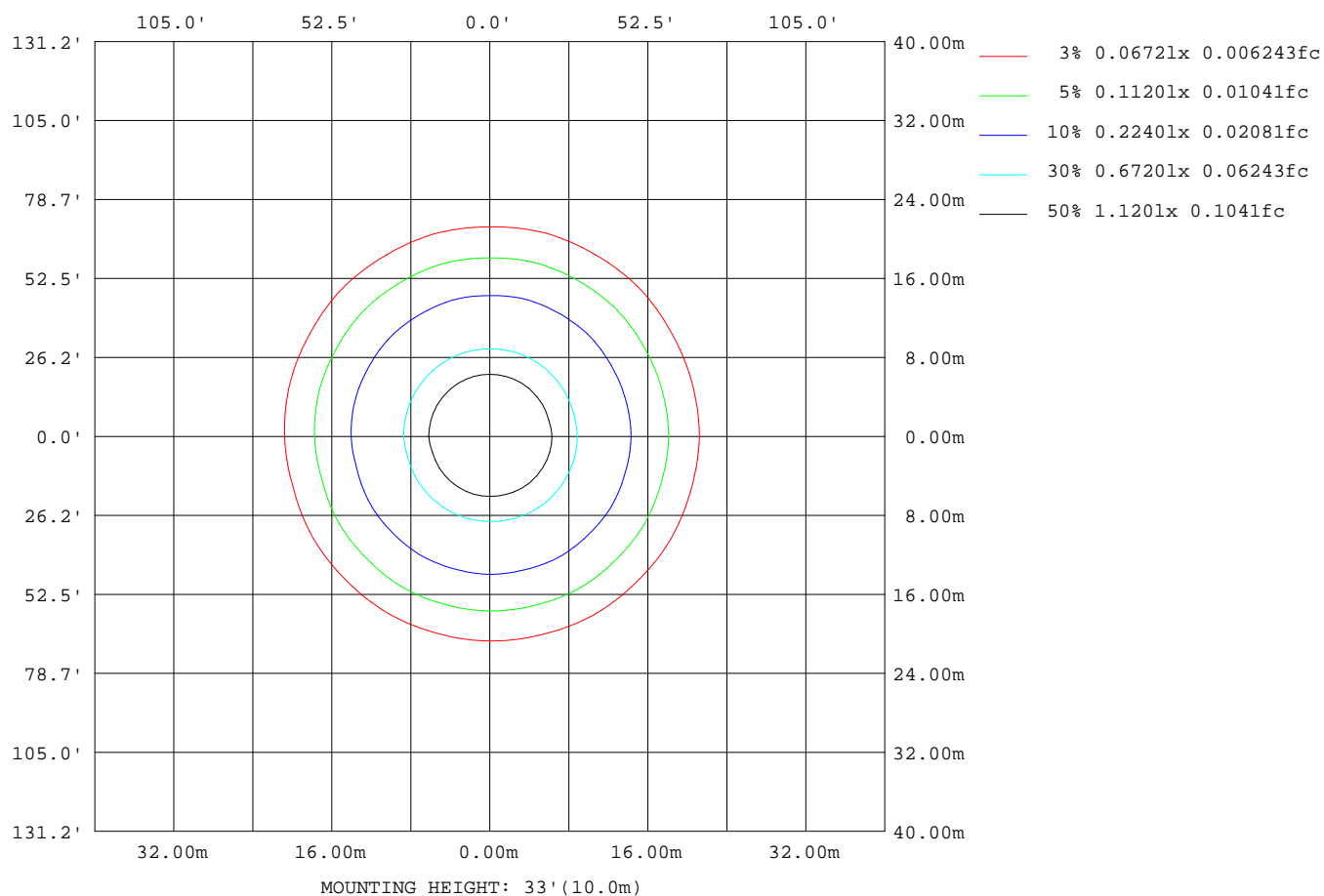
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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-W4000-108-2835-1M	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:2018-06-28

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-W4000-108-2835-1M	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	663.38	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	12757	12574	12559	12619	12457	12411	12475	12288	12194	12217	12073	12045	12126	12022	12025	12128	12016	11971	12065
60	12603	12425	12404	12453	12292	12243	12299	12112	12013	12025	11870	11839	11923	11812	11808	11908	11795	11745	11841
65	12471	12283	12241	12270	12130	12076	12104	11944	11813	11748	11645	11610	11633	11576	11570	11608	11539	11526	11624
70	12140	12120	12059	11977	11940	11883	11797	11725	11598	11443	11399	11355	11298	11302	11287	11244	11224	11259	11359
75	11951	11929	11866	11784	11758	11693	11583	11514	11368	11172	11115	11051	10966	10967	10935	10863	10831	10859	10971
80	11679	11698	11630	11520	11517	11438	11275	11208	11013	10727	10673	10575	10420	10441	10379	10222	10177	10188	10296
85	11024	11095	11018	10868	10896	10789	10526	10376	10066	9644	9510	9318	9051	9002	8837	8551	8435	8430	8643

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	12757	200	---	500
Category 2	65 to 90	12471	200	---	500
Category 3	75 to 90	11951	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:2018-06-28

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-W4000-108-2835-1M	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	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
5	220	220	219	219	219	219	219	219	219	219	219	219	219	219	219	219	220	220	220
10	217	217	216	216	215	215	215	215	215	215	215	215	215	215	216	216	217	217	217
15	213	213	213	212	212	211	211	211	211	211	210	210	211	211	212	212	214	214	214
20	206	205	205	205	204	203	203	203	202	202	202	202	202	203	204	205	207	208	207
25	199	199	198	198	197	196	196	196	195	195	195	195	195	196	197	198	200	202	201
30	187	186	186	185	185	184	183	183	182	182	182	182	183	183	185	186	189	190	190
35	177	177	176	176	176	174	174	173	173	173	172	172	173	174	176	177	180	181	181
40	162	162	161	160	160	159	157	157	157	157	156	157	157	158	160	162	164	166	166
45	151	149	149	147	148	145	146	144	145	143	145	143	144	147	147	151	152	154	153
50	133	131	131	129	130	127	128	126	127	125	127	125	126	129	129	133	133	136	135
55	120	118	119	117	118	115	115	113	114	113	114	113	114	117	117	120	121	123	122
60	101	99.1	99.6	97.7	98.4	96.1	96.2	94.5	95.4	94.1	95.3	93.9	94.7	97.4	98.0	101	101	104	103
65	87.6	86.0	86.5	84.8	85.4	83.4	83.3	81.7	82.5	81.3	82.3	81.1	81.8	84.4	85.2	87.9	88.3	90.5	89.5
70	66.4	66.2	65.5	65.2	64.6	63.9	62.6	62.3	61.8	61.9	61.5	61.5	62.2	63.5	65.6	67.1	68.7	69.6	70.0
75	52.9	52.7	52.2	51.9	51.3	50.8	49.5	49.2	48.7	48.7	48.3	48.2	48.7	50.4	52.3	54.0	55.5	56.4	56.9
80	32.4	32.5	32.0	32.0	31.3	31.0	29.8	29.6	28.9	29.0	28.4	28.3	28.6	30.2	32.4	33.9	35.6	36.4	37.0
85	18.8	18.9	18.6	18.5	18.0	17.6	16.6	16.4	15.8	15.7	15.2	15.1	15.3	17.1	19.2	20.7	22.4	23.2	23.9
90	1.41	2.41	3.67	4.78	5.60	6.02	6.01	5.92	5.61	4.98	4.07	3.00	1.95	2.44	3.06	3.78	4.56	4.99	5.51
95	0.79	1.95	3.31	4.44	5.26	5.70	5.71	5.63	5.35	4.77	3.90	2.98	1.99	2.38	2.62	2.76	2.81	2.67	2.57
100	0.62	1.57	2.87	4.01	4.81	5.29	5.32	5.26	5.01	4.47	3.69	2.91	2.38	2.42	2.50	2.54	2.55	2.36	2.29
105	0.43	1.30	2.58	3.73	4.54	5.02	5.07	5.01	4.77	4.23	3.53	2.79	2.26	2.32	2.42	2.42	2.39	2.19	2.14
110	0.19	0.93	2.19	3.31	4.12	4.61	4.69	4.62	4.32	3.91	3.13	2.37	2.03	2.04	2.13	2.25	2.21	2.00	1.94
115	0.26	0.82	2.03	3.09	3.86	4.34	4.43	4.36	4.10	3.45	2.86	2.21	1.94	1.92	1.98	2.03	2.09	1.88	1.84
120	0.35	0.46	1.84	2.77	3.51	3.95	4.03	3.97	3.49	2.98	2.53	1.80	1.86	1.79	1.81	1.81	1.82	1.72	1.68
125	0.42	0.45	1.70	2.58	3.27	3.69	3.77	3.70	3.07	2.70	2.32	1.71	1.81	1.70	1.71	1.68	1.65	1.62	1.59
130	0.51	0.53	1.51	2.32	2.92	3.28	3.36	3.23	2.59	2.35	2.02	1.63	1.71	1.61	1.58	1.53	1.45	1.39	1.37
135	0.56	0.59	1.37	2.11	2.68	3.02	3.09	2.76	2.32	2.11	1.84	1.57	1.64	1.56	1.50	1.43	1.34	1.24	1.31
140	0.64	0.66	0.69	1.83	2.31	2.62	2.68	2.18	1.93	1.80	1.31	1.48	1.54	1.46	1.34	1.31	1.21	1.07	1.21
145	0.69	0.71	0.72	1.60	2.08	2.34	2.40	1.85	1.71	1.60	1.26	1.41	1.47	1.40	1.27	1.23	1.14	0.99	1.15
150	0.76	0.78	0.79	0.80	1.62	1.93	1.99	1.47	1.36	1.06	1.20	1.32	1.36	1.31	1.21	1.10	1.03	0.91	1.05
155	0.80	0.82	0.83	0.83	0.86	1.34	1.55	1.11	0.91	1.04	1.16	1.26	1.29	1.25	1.17	1.05	0.96	0.87	1.00
160	0.86	0.89	0.89	0.89	0.89	0.87	0.88	0.87	0.90	1.01	1.10	1.17	1.21	1.16	1.11	1.02	0.90	0.83	0.85
165	0.90	0.93	0.93	0.93	0.94	0.92	0.92	0.92	0.90	0.99	1.06	1.12	1.14	1.11	1.06	0.9950	0.91	0.89	0.90
170	0.96	0.97	0.98	0.98	0.98	0.97	0.98	0.97	0.95	0.96	0.97	1.02	1.04	1.01	0.98	0.97	0.97	0.96	0.97
175	0.9901	1.00	1.01	1.01	1.02	1.01	1.01	1.01	0.99	0.99	1.00	1.00	1.01	0.9973	0.9912	1.02	1.01	1.00	1.00
180	1.04	1.04	1.03	1.04	1.05	1.05	1.05	1.04	1.02	1.03	1.04	1.03	1.04	1.03	1.03	1.05	1.06	1.05	1.05

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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-W4000-108-2835-1M	TYPE:	WEIGHT:0.325Kg/m
DIM.: 16*17mm	SPEC.:	SERIAL No.:
MFR.:	SUR.:16*1000mm	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	220	220	220	220	220														
5	220	220	220	220	220														
10	217	217	217	217	217														
15	214	214	214	214	214														
20	207	208	207	207	206														
25	201	202	201	200	200														
30	190	191	190	189	188														
35	181	182	181	180	178														
40	166	166	166	165	163														
45	155	155	154	152	152														
50	137	135	136	134	134														
55	124	123	124	122	122														
60	105	103	104	102	103														
65	91.4	90.5	91.3	89.3	89.4														
70	70.4	70.8	70.2	69.5	68.3														
75	57.2	57.5	56.9	56.1	54.9														
80	37.3	37.6	36.7	35.9	34.3														
85	24.2	24.3	23.4	22.5	20.9														
90	5.57	5.54	4.74	3.90	2.75														
95	2.59	2.52	2.20	1.76	1.28														
100	2.27	2.17	1.85	1.44	0.98														
105	2.12	1.99	1.66	1.25	0.78														
110	1.90	1.76	1.41	0.95	0.47														
115	1.79	1.63	1.29	0.85	0.41														
120	1.63	1.48	1.17	0.78	0.44														
125	1.54	1.38	1.10	0.76	0.42														
130	1.39	1.27	1.03	0.75	0.50														
135	1.31	1.19	0.98	0.75	0.56														
140	1.19	1.10	0.94	0.70	0.64														
145	1.12	1.06	0.90	0.66	0.69														
150	1.03	0.99	0.78	0.74	0.76														
155	0.97	0.89	0.77	0.78	0.81														
160	0.82	0.83	0.84	0.84	0.87														
165	0.87	0.88	0.89	0.89	0.92														
170	0.95	0.95	0.95	0.95	0.97														
175	0.98	0.98	0.98	0.98	1.00														
180	1.03	1.03	1.03	1.02	1.04														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-06-28

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: