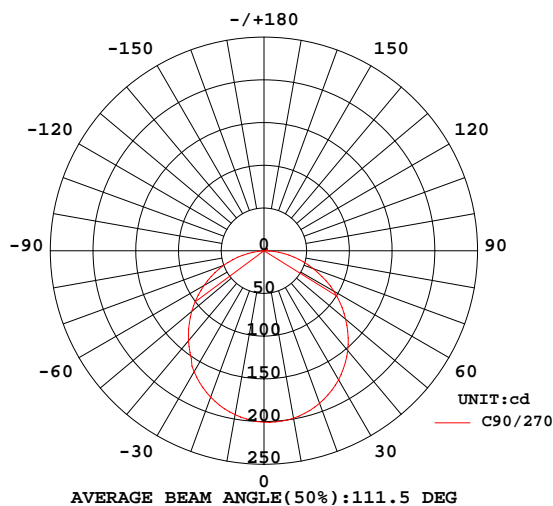


LUMINAIRE PHOTOMETRIC TEST REPORT

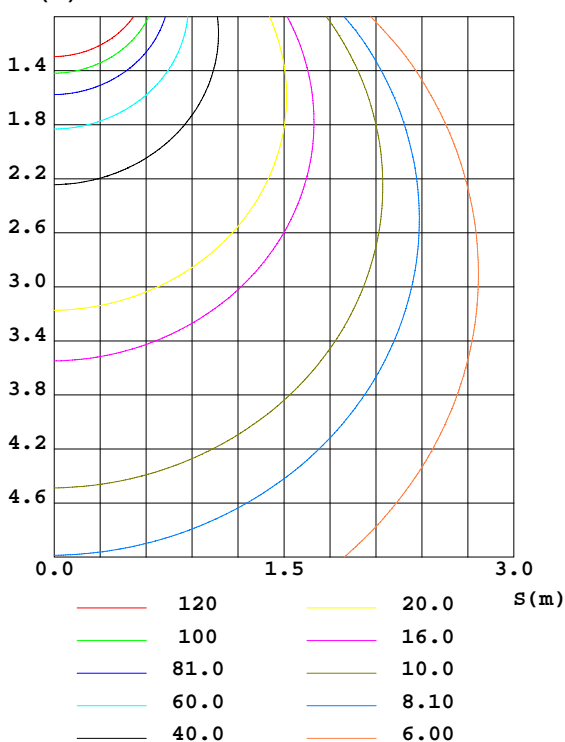
NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-83.3	WEIGHT:0.132kg/m	
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*1000mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.19 lm/W			
MODEL	3015	I _{max} (cd)	201.0	S/MH(C0/180)	1.23
NOMINAL POWER(W)	9	LOR(%)	132.9	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	584.58	η UP,DN(C0-180)	0.5,62.7
NOMINAL FLUX(lm)	440	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,68.4
LAMPS INSIDE	1	η up(%)	1.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	131.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
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	195.7	194.6	194.9	196.5	198.1	199.3	199.0	197.3	0- 10	18.97	18.97	3.25,4.31
20	183.8	181.7	182.4	185.3	188.3	190.6	190.1	186.7	10- 20	54.28	73.25	12.5,16.6
30	165.5	162.7	163.6	167.8	171.9	175.3	174.5	169.9	20- 30	82.14	155.4	26.6,35.3
40	142.4	137.8	137.5	143.7	147.6	152.9	152.4	146.2	30- 40	98.61	254.0	43.4,57.7
50	115.3	110.5	110.3	116.9	121.7	126.8	124.9	119.3	40- 50	101.9	355.9	60.9,80.9
60	86.22	80.76	81.01	87.80	92.99	97.18	94.38	89.50	50- 60	92.78	448.7	76.8,102
70	54.54	50.08	50.59	56.62	62.61	65.22	61.39	57.51	60- 70	72.26	520.9	89.1,118
80	23.32	18.63	19.01	24.99	30.95	32.84	29.77	25.34	70- 80	43.81	564.7	96.6,128
90	0.0031	0.0250	0.1241	0.2373	1.016	2.891	4.540	1.934	80- 90	12.22	577.0	98.7,131
100	0.0026	0.2192	0.3576	0.1422	0	1.387	2.508	1.415	90-100	0.9551	577.9	98.9,131
110	0.1104	0.5728	0.9657	0.4565	0.0748	1.614	4.027	2.048	100-110	0.9683	578.9	99,132
120	0.3084	0.9291	1.299	0.6612	0.2522	2.020	4.312	2.498	110-120	1.435	580.3	99.3,132
130	0.4705	1.000	1.126	0.6973	0.4297	1.711	3.645	2.385	120-130	1.337	581.7	99.5,132
140	0.6197	1.090	1.165	0.7787	0.5764	1.374	2.879	2.067	130-140	1.066	582.7	99.7,132
150	0.8281	1.170	1.196	0.9030	0.7847	1.200	2.195	1.824	140-150	0.8100	583.5	99.8,133
160	1.047	1.160	1.069	0.9870	0.9929	1.232	1.251	1.692	150-160	0.5810	584.1	99.9,133
170	1.160	1.116	0.9575	1.069	1.132	1.297	1.172	1.453	160-170	0.3414	584.5	100,133
180	1.204	1.206	1.012	1.190	1.211	1.200	1.020	1.198	170-180	0.1125	584.6	100,133
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

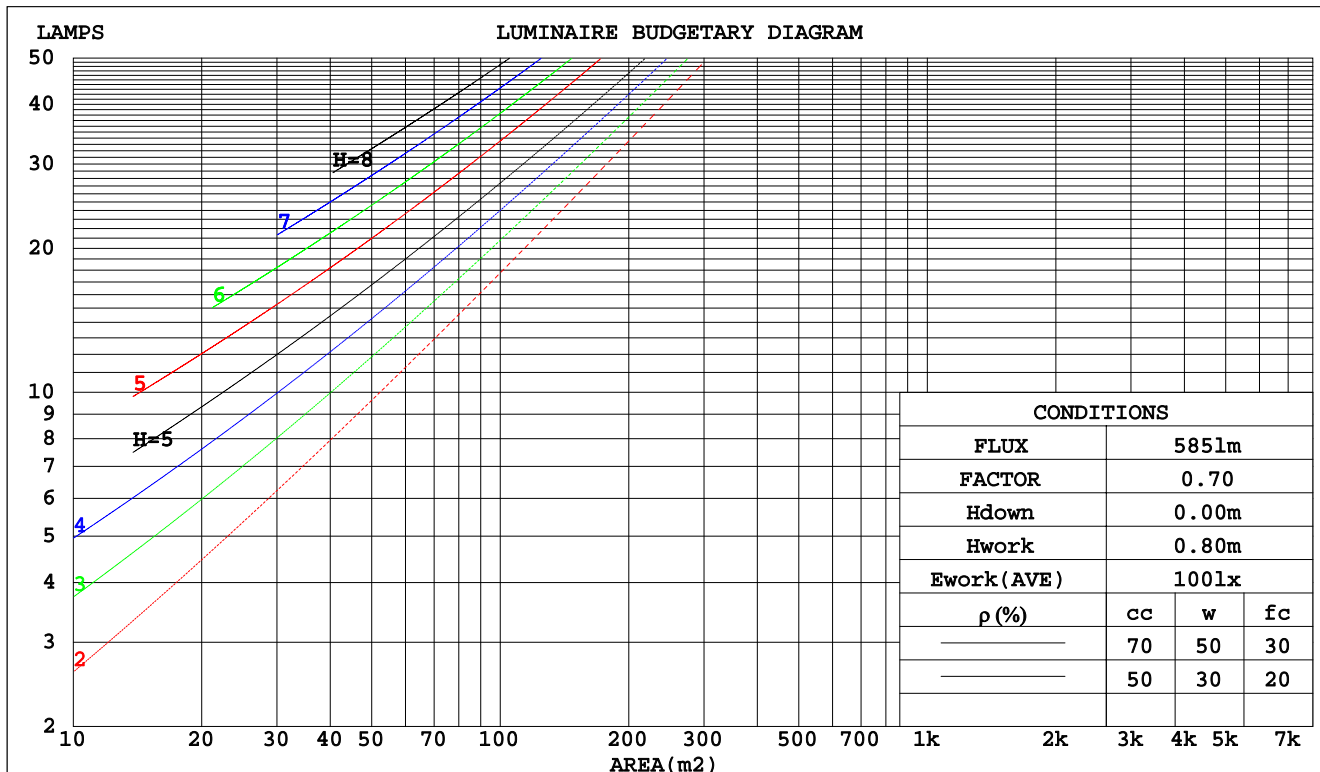
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-83.3	TYPE:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*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	Coefficients of Utilization(CU)															
0.0	1.58	1.58	1.58	1.54	1.54	1.54	1.47	1.47	1.47	1.40	1.40	1.40	1.34	1.34	1.34	1.31
1.0	1.37	1.31	1.26	1.34	1.29	1.24	1.28	1.24	1.20	1.23	1.19	1.16	1.17	1.15	1.12	1.09
2.0	1.19	1.10	1.02	1.17	1.08	1.01	1.12	1.04	.98	1.07	1.01	.96	1.03	.98	.93	.90
3.0	1.05	.94	.85	1.02	.92	.84	.98	.89	.82	.94	.87	.80	.91	.84	.79	.76
4.0	.93	.81	.72	.91	.80	.71	.87	.77	.70	.84	.75	.69	.81	.73	.68	.65
5.0	.83	.70	.62	.81	.70	.61	.78	.68	.60	.75	.66	.59	.72	.65	.59	.56
6.0	.74	.62	.54	.73	.62	.53	.70	.60	.53	.68	.59	.52	.66	.58	.52	.49
7.0	.67	.56	.47	.66	.55	.47	.64	.54	.47	.62	.53	.46	.60	.52	.46	.43
8.0	.61	.50	.42	.60	.50	.42	.58	.49	.42	.57	.48	.41	.55	.47	.41	.38
9.0	.56	.45	.38	.55	.45	.38	.54	.44	.37	.52	.43	.37	.51	.43	.37	.34
10.0	.52	.41	.34	.51	.41	.34	.50	.40	.34	.48	.40	.34	.47	.39	.34	.31



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-83.3	TYPE:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*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	.418	.238	.075	.408	.233	.074	.390	.224	.071	.373	.215	.069	.357	.207	.067		
2.0	.392	.215	.066	.383	.211	.065	.367	.204	.063	.351	.197	.062	.337	.191	.060		
3.0	.362	.192	.058	.354	.190	.057	.339	.184	.056	.326	.178	.055	.313	.173	.054		
4.0	.333	.173	.051	.326	.171	.050	.313	.166	.050	.301	.162	.049	.290	.157	.048		
5.0	.307	.157	.045	.301	.155	.045	.290	.151	.044	.279	.147	.044	.269	.144	.043		
6.0	.285	.143	.041	.279	.141	.041	.269	.138	.040	.259	.135	.040	.250	.132	.039		
7.0	.265	.131	.037	.260	.130	.037	.251	.127	.037	.242	.124	.036	.234	.122	.036		
8.0	.247	.121	.034	.243	.120	.034	.235	.117	.033	.227	.115	.033	.219	.113	.033		
9.0	.232	.112	.031	.228	.111	.031	.220	.109	.031	.213	.107	.031	.206	.105	.030		
10.0	.218	.104	.029	.214	.103	.029	.207	.102	.029	.201	.100	.028	.195	.098	.028		

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	.266	.266	.266	.228	.228	.228	.155	.155	.155	.089	.089	.089	.029	.029	.029	
1.0	.253	.221	.191	.217	.189	.165	.148	.130	.114	.085	.075	.066	.027	.024	.021	
2.0	.243	.189	.143	.208	.162	.124	.143	.112	.086	.082	.065	.051	.026	.021	.016	
3.0	.233	.165	.112	.199	.143	.097	.137	.099	.068	.079	.058	.040	.025	.019	.013	
4.0	.222	.148	.091	.191	.128	.079	.131	.089	.055	.076	.052	.033	.024	.017	.011	
5.0	.212	.134	.076	.182	.116	.066	.126	.081	.047	.073	.048	.028	.023	.016	.009	
6.0	.203	.123	.065	.174	.106	.057	.120	.074	.040	.070	.044	.024	.023	.014	.008	
7.0	.194	.114	.058	.167	.099	.050	.115	.069	.036	.067	.041	.021	.022	.013	.007	
8.0	.185	.106	.052	.159	.092	.045	.110	.065	.032	.064	.038	.019	.021	.012	.006	
9.0	.177	.099	.047	.153	.086	.041	.106	.061	.029	.062	.036	.017	.020	.012	.006	
10.0	.169	.094	.043	.146	.081	.038	.101	.057	.027	.059	.034	.016	.019	.011	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-TYPE:						WEIGHT:0.132kg/m					
DIM.: 10*10mm						SPEC.:			SERIAL No.:		
MFR.: CLEAR						SUR.:10*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	22.5	24.0	22.8	24.2	24.5	22.3	23.8	22.6	24.0	24.3	
	3H	24.1	25.4	24.4	25.7	26.0	23.8	25.2	24.1	25.4	25.7
	4H	24.7	26.0	25.0	26.3	26.6	24.3	25.7	24.7	25.9	26.2
	6H	25.2	26.4	25.5	26.7	27.0	24.7	26.0	25.1	26.2	26.6
	8H	25.3	26.5	25.6	26.8	27.1	24.8	26.0	25.1	26.3	26.6
	12H	25.3	26.5	25.7	26.8	27.1	24.7	25.9	25.1	26.2	26.6
4H	2H	23.0	24.4	23.4	24.6	24.9	22.9	24.2	23.2	24.5	24.8
	3H	24.8	25.9	25.1	26.3	26.6	24.5	25.7	24.9	26.0	26.3
	4H	25.5	26.6	25.9	27.0	27.3	25.2	26.3	25.6	26.6	27.0
	6H	26.1	27.1	26.5	27.4	27.8	25.7	26.6	26.1	27.0	27.4
	8H	26.3	27.2	26.7	27.6	28.0	25.8	26.6	26.2	27.0	27.5
	12H	26.3	27.2	26.8	27.6	28.0	25.8	26.6	26.2	27.0	27.4
8H	4H	25.8	26.6	26.2	27.0	27.4	25.5	26.3	25.9	26.7	27.1
	6H	26.4	27.2	26.9	27.6	28.1	26.0	26.8	26.5	27.2	27.6
	8H	26.7	27.3	27.1	27.8	28.2	26.2	26.8	26.6	27.3	27.7
	12H	26.8	27.3	27.3	27.8	28.3	26.2	26.7	26.7	27.2	27.7
12H	4H	25.7	26.6	26.2	27.0	27.4	25.5	26.3	25.9	26.7	27.1
	6H	26.5	27.1	26.9	27.6	28.0	26.0	26.7	26.5	27.1	27.6
	8H	26.7	27.3	27.2	27.7	28.2	26.2	26.8	26.7	27.2	27.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 440.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.9)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-IPES:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.: SERIAL No.:
MFR.: CLEAR	SUR.:10*1000mm PROTECTION ANGLE:

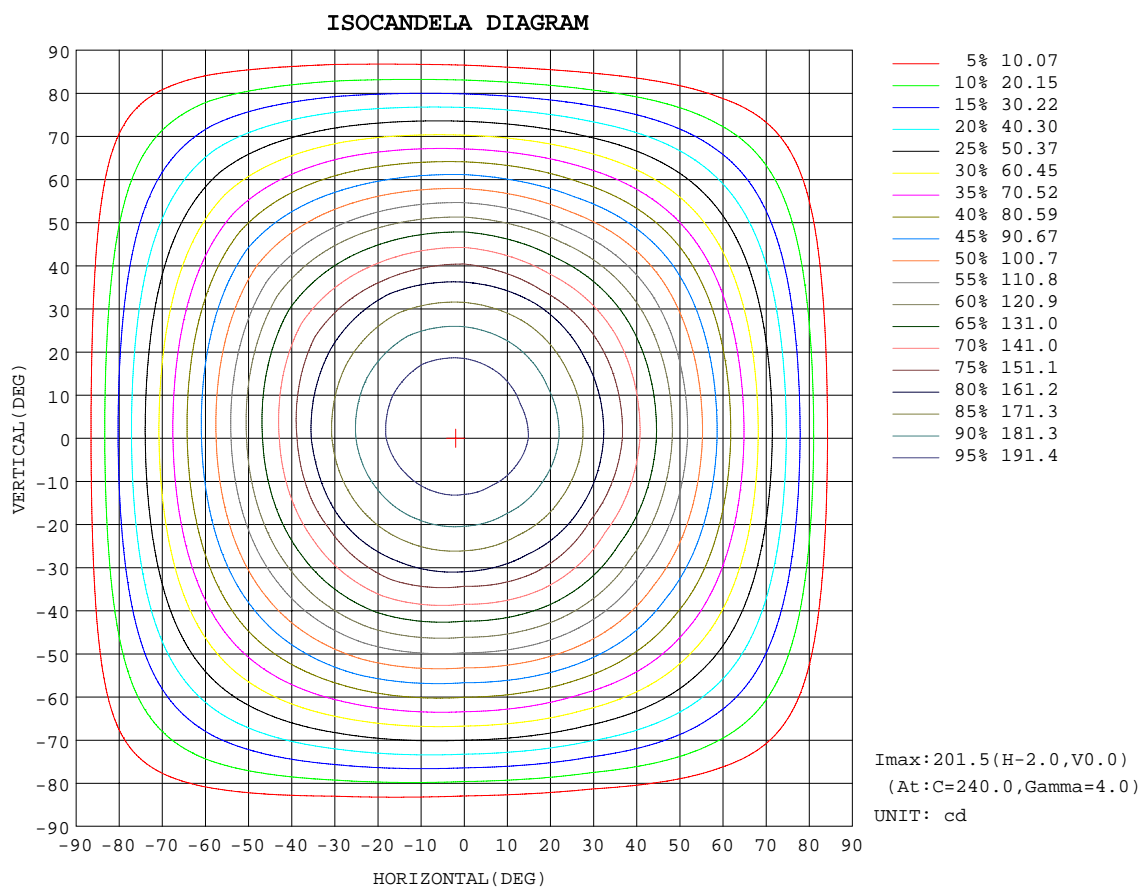
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	76	60	51	75	60	51	73	59	50	42
0.80	89	73	63	87	73	63	85	71	63	53
1.00	100	85	75	98	84	75	95	86	74	64
1.25	109	95	85	107	94	85	103	92	84	74
1.50	116	103	93	114	101	92	109	99	91	80
2.00	125	114	105	123	112	104	118	109	102	91
2.50	130	120	112	128	118	110	122	114	108	96
3.00	135	126	118	132	123	117	126	119	113	102
4.00	140	133	126	137	130	124	131	125	120	108
5.00	144	137	132	140	134	129	134	129	125	112
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-1500K	TYPE:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*1000mm	PROTECTION ANGLE:

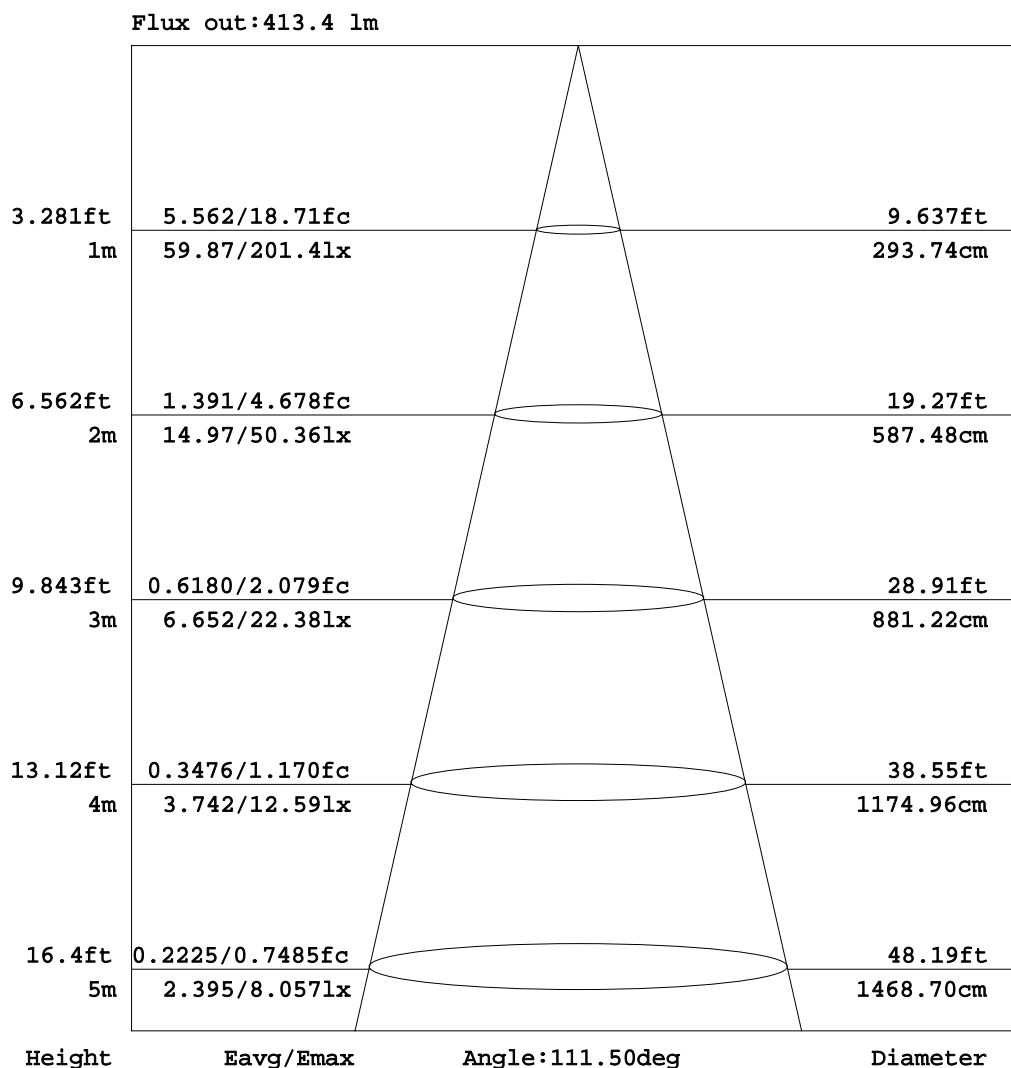


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 21.5DEG
Operators: Eileen Yang
Test Date: 2020-04-20

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity: 49%
Test Distance: 6.950m [K=1.0000]
Remarks:

AAI Figure

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-1000mm	TYPE:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*1000mm	PROTECTION ANGLE:



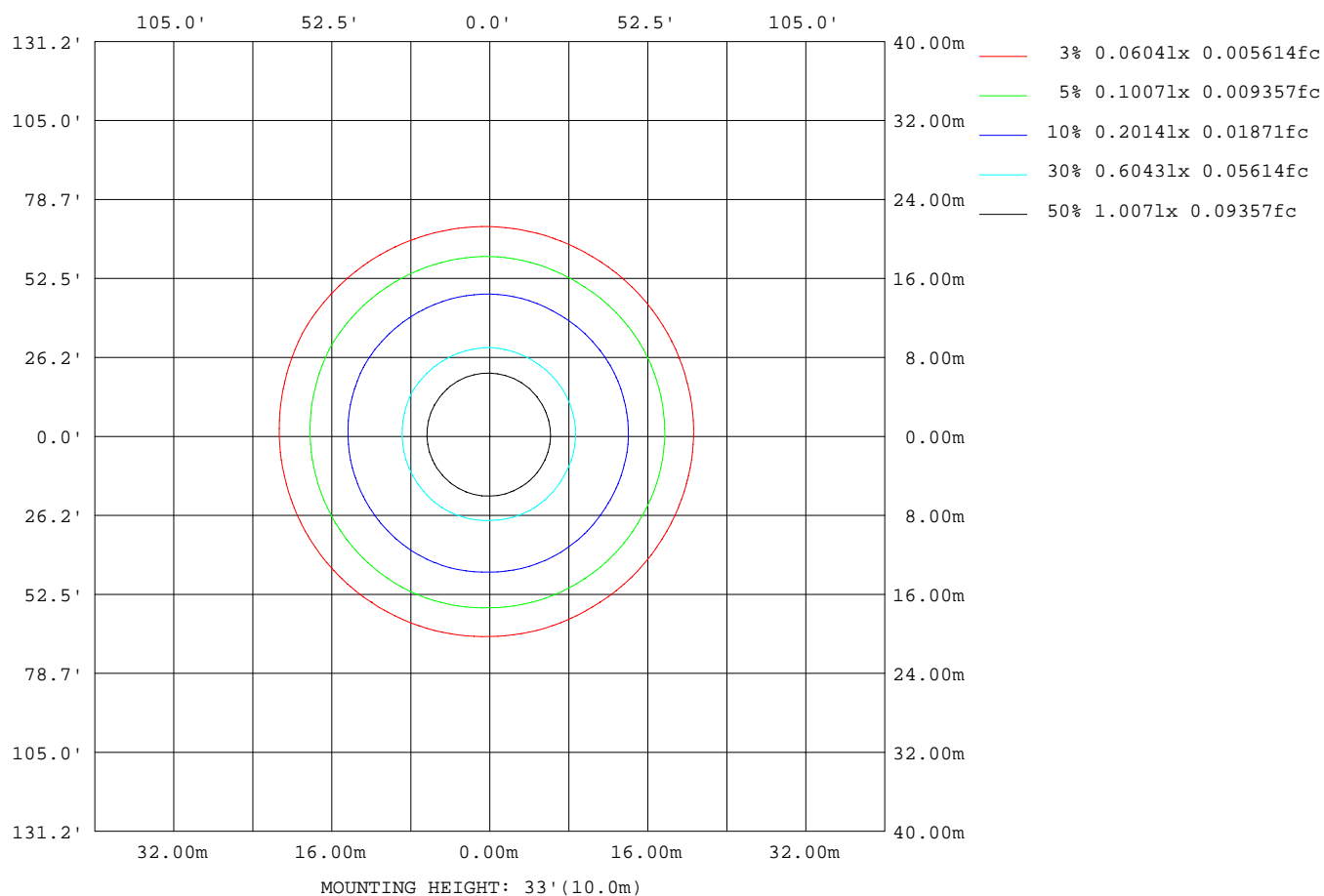
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-1000mm	TYPE:	WEIGHT: 0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.: 10*1000mm	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 21.5DEG
Operators: Eileen Yang
Test Date: 2020-04-20

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity: 49%
Test Distance: 6.950m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-IP65	TYPE:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*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	440	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.01	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	17610	17224	16935	16741	16687	16697	16737	16685	16666	16715	16981	17302	17629	17823	17992	18154	18339	18541	18772
60	17244	16820	16486	16243	16116	16062	16062	16044	16083	16202	16515	16879	17247	17477	17680	17875	18095	18334	18599
65	16503	16174	15895	15666	15473	15341	15277	15313	15422	15599	15848	16148	16484	16850	17223	17586	17874	18153	18441
70	15948	15545	15198	14908	14653	14470	14376	14423	14565	14791	15095	15458	15868	16322	16787	17241	17621	17973	18306
75	15121	14584	14115	13716	13350	13080	12933	12997	13192	13501	13899	14376	14918	15536	16169	16783	17280	17730	18143
80	13429	12644	11951	11350	10781	10351	10106	10200	10491	10946	11497	12166	12944	13896	14883	15836	16587	17247	17826
85	8883	7518	6394	5512	4854	4452	4320	4556	5027	5682	6357	7201	8252	9738	11358	13005	14481	15825	16994

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	18772	200	---	500
Category 2	65 to 90	18441	200	---	500
Category 3	75 to 90	18143	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: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: C-SFR-F23B-VB-24CV-27K-WM-144-80-9W-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000	TYPE:	WEIGHT:0.132kg/m
DIM.: 10*10mm	SPEC.:	SERIAL No.:
MFR.: CLEAR	SUR.:10*1000mm	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEC)	0	30	60	90	120	150	180	210	240	270	300	330							
γ (DEC)	0	201	201	201	201	201	201	201	201	201	201	201							
5	200	199	199	199	200	200	200	201	201	201	200	200							
10	196	195	194	195	196	197	198	199	199	199	198	197							
15	192	190	190	191	192	194	195	196	197	196	195	193							
20	184	182	181	182	184	187	188	190	191	190	188	185							
25	177	175	174	176	178	180	182	185	186	185	182	179							
30	166	163	162	164	166	169	172	175	176	175	172	168							
35	157	152	153	152	157	161	164	167	168	166	163	159							
40	142	137	138	138	143	145	148	153	152	152	147	145							
45	132	127	127	127	132	134	138	143	142	142	137	135							
50	115	110	111	110	116	118	122	127	126	125	120	119							
55	104	98.9	98.9	98.8	104	107	111	116	114	113	108	107							
60	86.2	81.2	80.3	81.0	86.2	89.4	93.0	98.2	96.1	94.4	89.8	89.2							
65	72.8	69.3	67.6	68.9	72.7	77.4	81.0	86.1	83.6	81.1	77.3	75.4							
70	54.5	51.0	49.2	50.6	54.3	59.0	62.6	65.9	64.5	61.4	58.3	56.7							
75	42.2	38.7	36.6	38.2	41.8	46.6	50.0	53.1	51.6	48.9	45.5	43.9							
80	23.3	19.7	17.5	19.0	22.5	27.5	31.0	33.3	32.3	29.8	26.5	24.2							
85	10.7	7.48	5.89	7.22	9.91	14.5	18.0	20.0	19.4	17.2	13.9	11.3							
90	0.00	0.00	0.05	0.12	0.16	0.32	1.02	1.96	3.82	4.54	3.04	0.83							
95	0.00	0.03	0.08	0.14	0.06	0.00	0.00	0.76	2.72	2.99	2.51	0.90							
100	0.00	0.12	0.32	0.36	0.23	0.05	0.00	0.74	2.04	2.51	2.02	0.81							
105	0.04	0.22	0.48	0.59	0.41	0.14	0.01	0.71	1.77	2.77	2.01	0.85							
110	0.11	0.38	0.77	0.97	0.68	0.23	0.07	0.79	2.44	4.03	2.97	1.12							
115	0.19	0.51	1.00	1.18	0.85	0.31	0.14	0.94	3.08	4.45	3.47	1.43							
120	0.31	0.72	1.14	1.30	0.86	0.46	0.25	1.08	2.96	4.31	3.34	1.65							
125	0.38	0.83	1.12	1.22	0.82	0.55	0.32	1.09	2.67	4.02	3.24	1.74							
130	0.47	0.91	1.09	1.13	0.77	0.62	0.43	1.07	2.35	3.64	3.04	1.73							
135	0.53	0.95	1.11	1.15	0.78	0.66	0.50	1.02	2.10	3.31	2.85	1.68							
140	0.62	1.00	1.18	1.16	0.84	0.72	0.58	1.03	1.72	2.88	2.50	1.63							
145	0.71	1.04	1.25	1.20	0.90	0.77	0.65	1.03	1.49	2.58	2.28	1.61							
150	0.83	1.06	1.28	1.20	0.93	0.87	0.78	1.10	1.30	2.20	2.04	1.61							
155	0.92	1.08	1.28	1.21	0.95	0.95	0.87	1.18	1.26	2.02	1.95	1.60							
160	1.05	1.07	1.25	1.07	0.97	1.01	0.99	1.27	1.20	1.25	1.84	1.54							
165	1.10	1.06	1.23	1.01	1.02	1.03	1.05	1.30	1.24	1.21	1.75	1.48							
170	1.16	1.10	1.14	0.96	1.07	1.07	1.13	1.28	1.32	1.17	1.56	1.35							
175	1.19	1.13	1.13	0.95	1.10	1.12	1.17	1.26	1.30	1.10	1.38	1.27							
180	1.20	1.21	1.20	1.01	1.19	1.19	1.21	1.20	1.20	1.02	1.20	1.20							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:21.5DEG
Operators:Eileen Yang
Test Date:2020-04-20

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V1.0.257
Humidity:49%
Test Distance:6.950m [K=1.0000]
Remarks: