

JAFtech

MANUFACTURING

MADE IN NORTH AMERICA

- ★ High Fixture Efficiency @ 93.8%
- ★ Reflectors available in white or mirror finish
- ★ CSA/UL certified



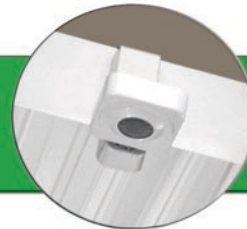
• Welded cold rolled steel construction

• This fixture has many mounting options

• Anti-vibration locking sockets to ensure that lamps are secure



Optional - Occupancy & daylight harvesting sensors may be added to the JAFtech Sky-Bay to conserve even more energy when that area's lighting is not required.



Fixture Description and Applications

If you want to deliver some serious energy savings to your next high ceiling lighting project, the JAFtech FB900 8 lamp Sky-Bay Series is a good option.

Compared to an HID fixture, the FB900 can deliver an impressive 50% (and higher) energy savings T8, while providing better light levels.

As well, we can customize this fixture to fit your lighting needs. In hockey arenas, we usually add a wireguard and lens, while in dusty factories, we sometimes recommend a lens to keep the inside of the fixture clean. Also available with a white or mirror high reflectance reflector.

CANADA:

250 Harry Walker Parkway North, Units 1 & 2,
Newmarket, Ontario, L3Y 7B4, CANADA
Telephone: (905) 836-9311

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UNITED STATES:

6399 142 Ave North, Suite 118,
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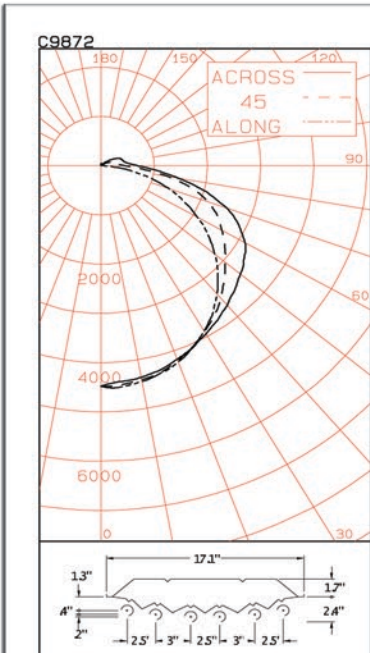
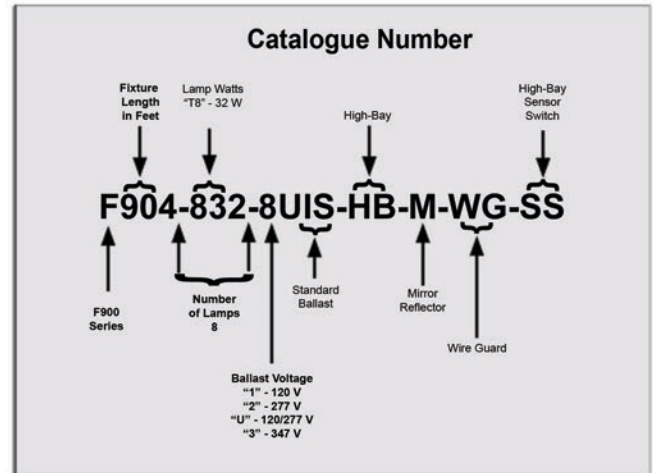
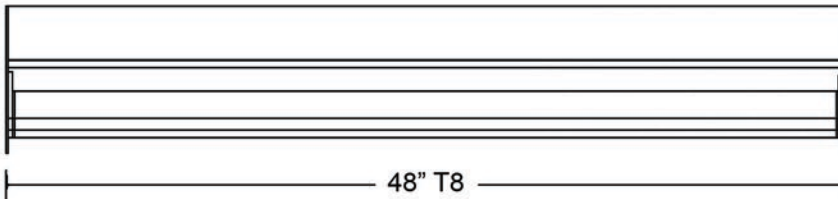
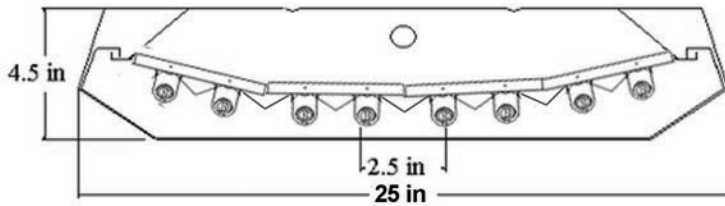
FB900 Sky-Bay Fixture Series

Specification Features

- **Construction** - Light-weight welded steel construction. Complete with reinforced ribs for versatile applications
- **Reflectors** - High reflectivity aluminum white
- **Ballast Information** - Parallel operating high ballast factor for use with T8 (.89). Fixture comes complete with ballast disconnect where required by CSA/UL.
- **Mounting** - Ideal for pendant, chain, aircraft cable or surfaced mounting (centering "V" hanging included).
- **Certification** - CSA/UL certified.

Fixture Options

- **Damage resistant clear or patterned acrylic lens**
- **Mirror finish reflector**
- **Available in various colors** (see JAFtech color chart)
- **Sky-Bay occupancy or daylight harvesting sensors**
- **Stem-hanging brackets, chain, aircraft cables, cord sets and plugs**
- **Integral emergency lighting**
- **White powder coated wire guards**



LIGHTING SCIENCES CANADA LTD.

440 Phillip St., Unit 19, Waterloo, Ontario, Canada N2L 5R9
 Tel: (519) 746-3140 Fax: (519) 746-3156 lsc@lightingsciences.ca

CERTIFIED TEST REPORT NO. LSC9872
 COMPUTED BY LSC PROGRAM **TEST-LITE**

JAFTECH 4' T8 HIGH BAY FLUORESCENT FIXTURE CAT. NO. F904-632-61HO-HB
 WITH WHITE PAINTED REFLECTOR
 SIX GE 32W T8 FLUORESCENT LAMPS. LUMEN RATING = 2950 LMS.
 TWO SYLVANIA QUICKTRONIC 120V 3-LAMP ELECTRONIC BALLASTS NO. QT 3x32/120 PLUS

Fixture Efficiency = 93.8%

** EFFICIENCY = 93.8% **

LUMINANCE SUMMARY-CD. / SQ. M. PAINT REFLECTANCE = .93 S/MH = 1.3
 SC = 1.3

ANGLE	ALONG	45	ACROSS
45	8287	7992	8371
55	8096	8213	9042
65	7696	8951	9867
75	6915	9436	9825
85	3554	8006	8495

CERTIFIED BY: *Charles Sison* DATE: AUG 22, 2003
 PREPARED FOR: JAFTECH MANUFACTURING LTD.
 NEWMARKET, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

ANGLE	CANDLEPOWER SUMMARY				OUTPUT LUMENS
	ALONG	22.5	45	67.5	
0	4480	4480	4480	4480	4480
5	4508	4496	4466	4429	4399
15	4359	4353	4343	4305	4296
25	4070	4065	4066	4080	4082
35	3663	3650	3710	3787	3823
45	3103	3119	3277	3480	3561
55	2459	2508	2838	3174	3284
65	1722	1848	2421	2772	2862
75	948	1266	1770	1986	2044
85	164	494	786	973	1017
90	5	180	443	625	679
95	0	135	321	464	520
105	0	71	277	390	421
115	0	12	158	312	351
125	0	0	38	156	200
135	0	0	0	15	48
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	3525	19.92	21.24
0-40	5852	33.07	35.27
0-60	10948	61.86	65.98
0-90	15750	88.99	94.91
40-90	9897	55.92	59.64
60-90	4802	27.13	28.94
90-180	844	4.77	5.09
0-180	16594	93.75	100.00

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