

Intended Use

FAL luminaires are designed to deliver peak optical performance with maximum efficiency and beam control in industrial, commercial, and institutional applications with mounting height up to 50'. Using high performance optics can reduce the number of fixtures required and maximize energy savings.

Features

Patented T5HO Cool Running™ Technology for elevated ambient operation up to 55°C will soon be available. Available in three lengths: 8', 12' and 16'. 12' assembly includes a 4' and 8' section, 16' assemblies include two 8' assemblies. Fixtures are joined together in the field with rigid internal brackets using 8 screws. All assemblies require only two support points. See accessories below.

Reflector is precision-formed, high-performance, 95% total reflectance, and segmented optics utilizing Alanod MIRO® 4 specular aluminum. Warranted for 25 years.

One lamp cross section with focused beam.

For suspension by chain or cable.

Tool-less ballast and wiring access.

Internal occupancy sensors standard. T8 fixtures that are specified with internal sensors are 6" longer.

Secured with rotary locking lamp sockets to minimize disconnection from vibration or incidental contact.

Listings

UL Listed to US and Canadian safety standards.

FAL



Ordering Information

Example: FAL 54L

Series	Wattage/lamps	Distribution	Voltage	Ballast type	Ballast configuration	Options
FAL Aisle lighter, 8'	<u>Lamps installed</u> ¹	(blank) Focus distribution	(blank) MVOLT ²	T5HO	(blank) Standard configuration (see chart)	EL14 Emergency battery pack (1400 lumens) ⁴
FAL12 Aisle lighter, 12'	54L 54WT5HO	no uplight, SC < 0.9	347 347 volt	(blank) Program start, 1.0 BF	1/4 One 4-lamp ballast	GLR Internal fast blow fuse ⁵
FAL16 Aisle lighter, 16'	32L 32W T8		480 480 volt ³	T8	2/2 Two 2-lamp ballasts	OCS OCS OnePass® installed ⁵
	<u>Unlamped</u>			(blank) Instant start, 1.2 BF		MSIA Occupancy sensor prewired aisle wedge ⁵
	54 54W T5HO			GEB10IS Instant start, 0.88 BF		PAF Powder coat after fabrication
	32 32W T8					WGI Wireguard, 11 gauge, PAF

Lamps installed	
T5HO	
(blank)	F54T5HO/841
LP830	F54T5HO/830
LP835	F54T5HO/835
LP850	F54T5HO/850
T5HO Amalgam	
LP841A	F54T5HO/841
LP830A	F54T5HO/830
LP835A	F54T5HO/835
T8	
(blank)	F32T8/741
LP730	F32T8/730
LP735	F32T8/735

NOTES:

- Lamps installed are F54T5HO/841 for T5HO or F32T8/741 for T8.
- 120-277 volt.
- For use with T5HO. Consult factory for use with T8.
- UL Listed for 40° Ambient.
- Specify voltage.
- Not for use with sensors.

Accessories (Order as separate catalog number)

FSBAC120	Aircraft cable 10' Y hanger (one pair)
FSBAC240	Aircraft cable 20' Y hanger (one pair)
HSD36	Chain hanger, 36"
WGFAL	Wireguard, 43" ⁶

Availability and Dimensions

Nominal size	Series	Fixture configuration	Number of lamps
7.2"x8'	FAL	8' section	2
7.2"x12'	FAL 12	4' + 8' section	3
7.2"x16'	FAL 16	(2) 8' sections	4

Standard Ballast Configuration Chart

Lamp type	8'	12'	16'
T5HO	(1) 2-lamp ballast	(1) 3-lamp ballast	(1) 4-lamp ballast
T8 (0.88)	(1) 2-lamp ballast	(1) 3-lamp ballast	(1) 4-lamp ballast
T8 (1.2)	(1) 2-lamp ballast	(1) 3-lamp ballast	(2) 2-lamp ballasts