

ILF
SERIES

Aisle Area Light Distribution Lensed Fluorescent High-Bay

Product Description

A high efficiency fluorescent high-bay that provides ideal light distribution for aisles and narrow spaces. Applications include warehouses, manufacturing facilities, distribution centers and storage facilities.

Light Distribution – Light is controlled in a narrow distribution, maximizes downlight and light levels directly below the fixture. This fixture is ideal for narrow aisles and those with tall racking. When used in aisles with racking or shelving, turning this fixture parallel to the aisle maximizes the light hitting the floor, while minimizing light loss to the racking.

Mounting Methods

ILF fixtures offer flexible mounting methods that most commonly include: standard chain hangers and surface mounting. There are several mounting options for this fixture series, and they are listed as “hanging options” below.

Hanging Options Include:

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Chain Mount [Chain hangers are supplied with the fixture] (Standard)
- Quick Cable [QC – Quick hang cable system] (Optional)

Product Construction

The ILF fixture housing is die formed from heavy gauge cold rolled steel. The housing is post painted with a durable, highly reflective powder-coat finish.

Optical Reflector system is precision brake formed of the selected aluminum material: enhanced aluminum or highly reflective white. Ballasts are easily accessible by removal of socket-plate screws.

Lampholders are made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

Lens Standard lens is a clear prismatic acrylic lens. Optional lenses are available, see ordering information.

Ballasts are electronic programmed-start (T5HO) or instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

Listings – All fixtures are UL and CUL listed.



 Made in the USA

HIGH/LOW BAY
FIXTURES



The Brightest Energy Solution

Phone: (800) 541-9082 Fax: (888) 214-7667 Web: www.optimumlighting.com

ILF – Fixture Ordering Information

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*1
ILF	D12	4	32	12	1	HI	E	BLANK	C ()	BLANK	HP
	D125	6	54	27	2	LI	W	QC	6T1	830	A
	D23			34	3	SI	B	QC ()	6T2	835	TG*2
	DL1			UV		SI+			E ()	841	SS*2
	DL2			HV		PS			F	850	ES ()
	CAL1					PSL			OS ()		XL
						PSH			SC		
						PD			WG		
						SDH			SDT		
						AX			PC		

Please Specify When Ordering:

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
ILF											

*1 Consult Factory for Manufacturer Specific Ordering Codes/Availability.
 *2 Use in lensed fixtures is limited. Contact factory for specific application details.

Lens Selections

- D12** Standard Prismatic
- D125** 0.125" Prismatic
- D23** 23 Pattern High Dispersion, High Efficiency
- DL1** 0.118" Clear Lexan
- DL2** 0.220" Clear Lexan
- CAL1** 0.118" Clear Acrylic

Lamp Type Selections

- 32** F32T8 System
- 54** F54T5HO System

Voltage Selections

- 12** 120V
- 27** 277V
- 34** 347V
- UV** 120-277V
- HV** 347-480V

Ballast Selections

- HI** High Ballast Factor (HBF) Electronic*
- LI** Low Ballast Factor (LBF) Electronic*
- SI** Standard Ballast Factor (NBF) Electronic*
- SI+** 1.0BF Electronic*
- PS** Programmed Start (NBF)
- PSL** Programmed Start LBF*
- PSH** Programmed Start HBF*
- PD** Programmed Start Dimming
- SDH** Step Dimming HBF (100% to 60% Dimming)*
- AX** Daylight Harvesting Ballast with remote mount photosensor*

* T8 Only

Reflector Selections

- E** Enhanced Aluminum
- W** Highly Reflective White Aluminum
- B** 95% Reflective Extreme White Aluminum

Hanging Selections

- BLANK** V-Chain Hangers
- QC** Quick Hang Cable (10')
- QC ()** Quick Hang Cable (Specify Length)

Options Selections

- C ()** Single Circuit Cord (Specify Length)
- 6T1** 6' Cord with L5-15 Locking End
- 6T2** 6' Cord with L7-15 Locking End
- E ()** Emergency Pack (# Lumens)
- F** Inline Fuse
- OS ()** Occupancy Sensor (Specify Lamps on Low/Lamps on High)
- SC** Safety Cable
- WG** Wire Guard
- SDT** Step Down Transformer (480V to 277V)
- PC** Photocell

Lamp Color Selections

- BLANK** Lamps Not Included
- 830** 80+ CRI, 3000K
- 835** 80+ CRI, 3500K
- 841** 80+ CRI, 4100K
- 850** 80+ CRI, 5000K

Lamp Options Selections

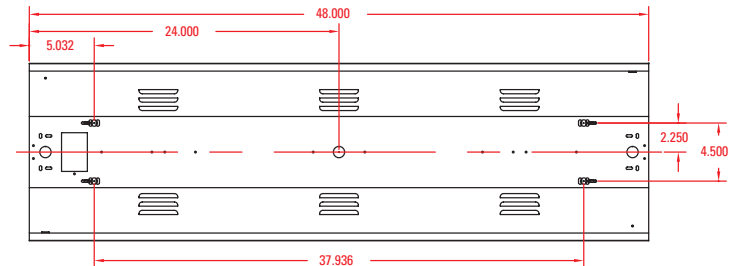
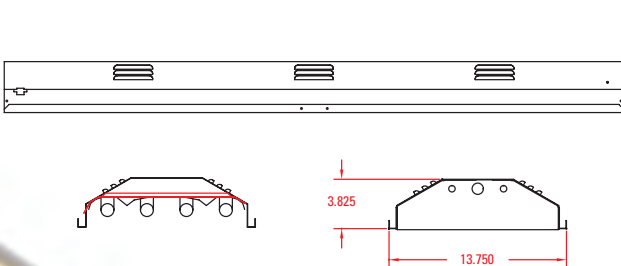
- HP** High Performance, Long Life Lamps*
- A** Amalgam Tip Lamps**
- TG** Tubeguarded Lamps
- SS** Shattershielded Lamps
- ES ()** Energy Saver (Specify Wattage)
- XL** Long Life*

* T8 Only
 ** T5HO Only

Common Fixture Selections

Catalog Number	System	# of Lamps	Wattage (120/277V)*	Initial System Lumens*	Mean System Lumens*
ILF DL1 454 UV 1PS E	T5HO	4	232w / 226w	20,000	19,000
ILF D23 554 UV 2PS E	T5HO	5	304w / 300w	25,150	23,893
ILF D23 632 UV 2HI E	T8	6	222w / 218w	21,948	21,240
ILF DL1 654 UV 2PS E	T5HO	6	348w / 341w	30,000	28,500

*Wattages may vary depending on the ballast manufacturer and lamp type used.
 Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.
 Specifications and dimensions subject to change without notice. Contact Optimum Lighting for current availability and ordering information.



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____