



ILF SERIES

Aisle area light distribution lensed fluorescent High-Bay

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, maximizing 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

- 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 pre-painted with a durable, highly reflective powder-coat finish.

Optical Reflector

The 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

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

All 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.

Please specify when ordering

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

Fixture ordering guide

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	6TI	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 ()
	CALI					PSL			OS ()		XL
						PSH			SC		
						PD			WG		
						SDH			SDT		
						AX			PC		

*1 Consult factory for manufacturer specific ordering codes/availability.

*2 Use in lensed fixtures is limited. Contact factory for specific application details.

Available fixture selections

Lens Selections	Ballast Selections	Reflector Selections	Options Selections	Lamp Color Selections
D12 Standard Prismatic	HI High Ballast Factor (HBF) Electronic*	E Enhanced Aluminum	C () Single Circuit Cord (Specify Length)	BLANK Lamps Not Included
D125 0.125" Prismatic	LI Low Ballast Factor (LBF) Electronic*	W Highly Reflective White Aluminum	6TI 6' Cord with L5-I5 Locking End	830 80+ CRI, 3000K
D23 23 Pattern High Dispersion, High Efficiency	SI Standard Ballast Factor (NBF) Electronic*	B 95% Reflective Extreme White Aluminum	6T2 6' Cord with L7-I5 Locking End	835 80+ CRI, 3500K
DL1 0.118" Clear Lexan	SI+ I.OBF Electronic*		E () Emergency Pack (# Lumens)	841 80+ CRI, 4100K
DL2 0.220" Clear Lexan	PS Programmed Start (NBF)		F Inline Fuse	850 80+ CRI, 5000K
CALI 0.118" Clear Acrylic	PSL Programmed Start LBF*		OS () Occupancy Sensor (Specify Lamps on Low/ Lamps on High)	
Lamp Type Selections	Ballast Selections	Hanging Selections	Options Selections	Lamp Options Selections
32 F32T8 System	PSH Programmed Start HBF*	Blank V-Chain Hangers	SC Safety Cable	HP High Performance, Long Life Lamps*
54 F54T5HO System	PD Programmed Start Dimming	QC Quick Hang Cable (10')	WG Wire Guard	A Amalgam Tip Lamps**
	SDH Step Dimming HBF (100% to 60% Dimming)*	QC () Quick Hang Cable (Specify Length)	SDT Step Down Transformer (480V to 277V)	TG Tubeguarded Lamps
	AX Daylight Harvesting Ballast with remote mount photosensor*		PC Photocell	SS Shattershielded Lamps
	* T8 Only			ES () Energy Saver (Specify Wattage)
				XL Long Life*
				* T8 Only
				** T5HO Only

Common fixture selections

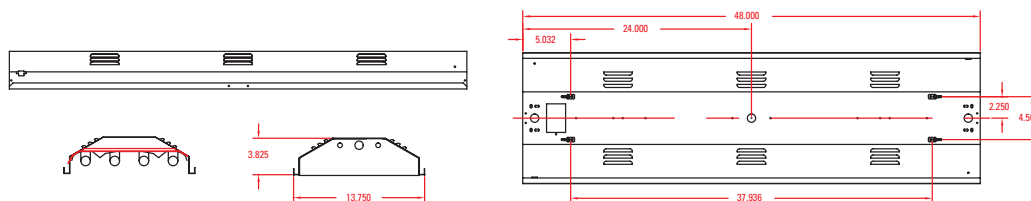
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
ILF DL1 454 UV 1PS E	T5HO	4	232w / 226w	20,000	19,000
ILF D23 554 UV 2PS E	T5HO	5	304w / 300w	25,150	23,893
ILF D23 632 UV 2HI E	T8	6	222w / 218w	21,948	21,240
ILF DL1 654 UV 2PS E	T5HO	6	348w / 341w	30,000	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 Philips Optimum for current availability and ordering information

Dimensional drawing



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____

High Bay | www.philips.com/optimum | Phone (800) 541-9082 | Fax (855) 231-0414

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