



ILX & ILU SERIES

The ILX & ILU are cross baffled aesthetic pleasing fluorescent High-Bays with optional up-light component

The ILX & ILU are cross-baffled pleasing fluorescent high-bays designed for aisleway lighting. The cross baffle and optional up-light component make this fixture series an ideal choice for retail applications. Applications include: supermarkets, big box retail, industrial applications & warehouses.

Light Distribution

Light is controlled in a narrow distribution, maximizing downlight and light levels directly below the fixture. 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. Optional uplight slotting allows for even ceiling illumination.

Mounting Methods

ILX & ILU fixtures offer flexible mounting methods that most commonly include: standard chain hangers and surface mounting. There are several other 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 ILX & ILU fixture housing is brake formed from heavy gauge cold rolled steel. Ends and socket plates are permanently riveted together for strength and rigidity. The housing is post 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. The one piece reflector is removable without the use of tools, using 1/4 turn fasteners to secure it in place.

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.

Baffle

Optional baffle is composed of white steel.

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*1 | Baffle | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options* |
|------------------|--------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|---------------|
| ILX or ILU | — | | | | | | | | | | |

Fixture ordering guide

| Fixture Series*1 | Baffle | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options*4 |
|------------------|--------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|----------------|
| ILU | BLANK | 2 | 32 | 12 | 1 | HI | BLANK | BLANK | C () | BLANK | HP |
| ILX | B | 3 | 54 | 27 | 2 | LI | E | V | 6T1 | 830 | A |
| ILUT*2 | | 4*3 | | 34 | 3 | SI | W | QC | 6T2 | 835 | TG |
| ILXT*2 | | | | UV | 4 | SI+ | B | QC () | E () | 841 | SS |
| ILU 12T*2 | | | | HV | | PS | | | F | 850 | ES () |
| ILX 12T*2 | | | | | | PSL | | | 20G | | XL |
| ILU 16T*2 | | | | | | PSH | | | SDT | | |
| ILX 16T*2 | | | | | | PD | | | CC () | | |
| | | | | | | SDH | | | | | |
| | | | | | | AX | | | | | |

*1 ILU, ILUT, ILU 12T, & ILU 16T fixtures have upright slotting.

*2 ILUT is an 8ft tandem fixture, ILU 12T as a 12ft tandem fixture & ILU 16T is a 16ft tandem fixture, # of lamps are for the profile of the fixture.

*3 ILU available with up to 4 - T5HO/T8 lamps; ILX available with up to 4 - T8 or 3 - T5HO lamps.

*4 Contact factory for manufacturer specific ordering codes/availability.

Available fixture selections

| Baffle Selections | Ballast Selections | Reflector Selections | Options Selections | Lamp Color Selections | | |
|----------------------|---|--|--|--|----------------------------------|-------------------------|
| BLANK No Baffle | HI High Ballast Factor (HBF) Electronic* | BLANK No Reflector (Standard white covers) | C () Single Circuit Cord (Specify Length) | BLANK Lamps Not Included | | |
| B Cross Baffle | LI Low Ballast Factor (LBF) Electronic* | E Enhanced Aluminum | 6T1 6' Cord with L5-15 Locking End | 830 80+ CRI, 3000K | | |
| Lamp Type Selections | SI Standard Ballast Factor (NBF) Electronic* | W Highly Reflective White Aluminum | 6T2 6' Cord with L7-15 Locking End | 835 80+ CRI, 3500K | | |
| 32 F32T8 System | SI+ I.OBF Electronic* | B 95% Reflective Extreme White Aluminum | E () Emergency Pack (# Lumens) | 841 80+ CRI, 4100K | | |
| 54 F54T5HO System | PS Programmed Start (NBF) | | F Inline Fuse | 850 80+ CRI, 5000K | | |
| Voltage Selections | PSL Programmed Start LBF* | | 20G 20 Gauge | | | |
| 12 120V | PSH Programmed Start HBF* | <th>Hanging Selections</th> | Hanging Selections | SDT Step Down Transformer (480V to 277V) | <th>Lamp Options Selections</th> | Lamp Options Selections |
| 27 277V | PD Programmed Start Dimming | Blank Surface Mount | CC () Photocell | HP High Performance, Long Life Lamps* | | |
| 34 347V | SDH Step Dimming HBF (100% to 60% Dimming)* | V V-Chain Hangers | | A Amalgam Tip Lamps** | | |
| UV 120-277V | AX Daylight Harvesting Ballast with remote mount photosensor* | QC Quick Hang Cable (10') | | TG Tubeguarded Lamps | | |
| HV 347-480V | | QC () Quick Hang Cable (Specify Length) | | SS Shattershielded Lamps | | |
| | | | | ES () Energy Saver (Specify Wattage) | | |
| | | | | XL Long Life* | | |
| | | | | * T8 Only | | |
| | | | | ** T5HO Only | | |

Common fixture selections

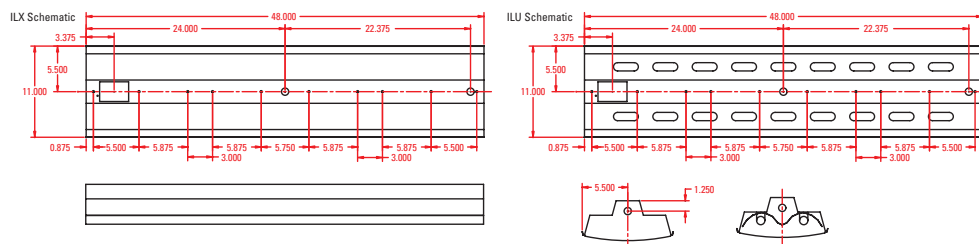
| Catalog number | System | # of lamps | Wattage (120/277V)* | Initial system lumens* | Mean system lumens* |
|----------------------|--------|------------|---------------------|------------------------|---------------------|
| ILX B 232 UV 1LI W | T8 | 2 | 51w / 50w | 4,774 | 4,620 |
| ILX 254 UV 1PS E | T5HO | 2 | 116w / 115w | 10,000 | 9,500 |
| ILU T 332 UV 2PSH E | T8 | 6 | 220w / 216w | 21,390 | 20,700 |
| ILU 16T 232 UV 2HI W | T8 | 8 | 296w / 290w | 29,264 | 28,320 |

*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: _____

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