

DI SERIES

Direct/Indirect Fluorescent High-Bay

Product Description

A low profile, direct/indirect fluorescent that provides attractive, glare free lighting. By eliminating sharp changes in contrast, the DI provides a soft, comfortable work environment. Applications include conference rooms, hallways, classrooms, offices, workspaces and computer rooms.

Light Distribution – The DI is designed with a microperforated baffle with acrylic diffuser inlay to provide maximal illumination with minimal glare.

Mounting Methods

DI 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. An optional joiner assembly allows for mounting in continuous rows.

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 DI fixture housing is die formed from heavy gauge cold rolled steel. Endcaps are manufactured from molded white plastic. The housing is pre-painted with a durable, highly reflective powder-coat finish.

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.

Baffle is composed of cold rolled steel with 5/64" diameter microperforations at staggered 7/64" intervals. Overlay is 0.20" white opal acrylic diffuser.

Ballasts are electronic 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



The Brightest Energy Solution

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

DI – Fixture Ordering Information

| Fixture Series | Lens | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options*1 |
|----------------|------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|----------------|
| DI | — | 1 | 32 | 12 | 1 | HI | — | BLANK | C () | BLANK | HP |
| | | 2 | | 27 | 2 | LI | | QC | 6T1 | 830 | ES () |
| | | 3 | | 34 | | SI | | QC () | 6T2 | 835 | XL |
| | | | | UV | | SI+ | | | E () | 841 | |
| | | | | HV | | PS | | | F | 850 | |
| | | | | | | PSL | | | OS () | | |
| | | | | | | PSH | | | SC | | |
| | | | | | | PD | | | JA | | |
| | | | | | | SDH | | | PC | | |
| | | | | | | AX | | | | | |

Please Specify When Ordering:

| Fixture Series | Lens | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options |
|----------------|------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|--------------|
| DI | | | | | | | | | | | |

*1 Consult Factory for Manufacturer Specific Ordering Codes/Availability.

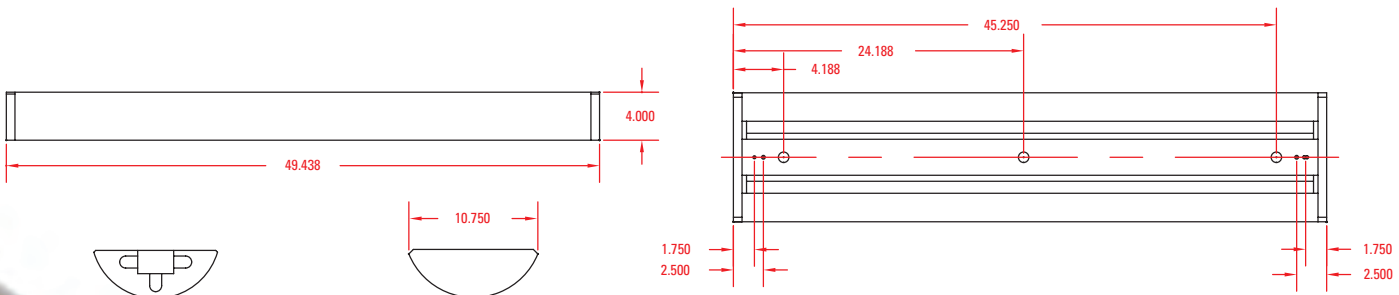
| Lamp Type Selections | Ballast Selections | Hanging Selections | Options Selections | Lamp Color Selections |
|---|---|---|---|--|
| 32 F32T8 System Voltage Selections 12 120V 27 277V 34 347V UV 120-277V HV 347-480V | HI High Ballast Factor (HBF) Electronic* LI Low Ballast Factor (LBF) Electronic* 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 | BLANK V-Chain Hangers QC Quick Hang Cable (10') QC () Quick Hang Cable (Specify Length) | 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 JA Joint Assembly PC Photocell | 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* 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* |
|----------------|--------|------------|---------------------|------------------------|---------------------|
| DI 232 UV 1PS | T8 | 2 | 59w / 58w | 5,518 | 5,340 |
| DI 232 UV 1HI | T8 | 2 | 74w / 73w | 7,130 | 6,900 |
| DI 332 UV 1HI | T8 | 3 | 111w / 109w | 10,974 | 10,620 |
| DI 332 UV 1SI | T8 | 3 | 82w / 80w | 8,091 | 7,830 |

*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: _____