

OIT
SERIES

Aesthetic Direct/Indirect Recessed Troffer

Product Description

A high efficiency, direct/indirect fluorescent lay-in style fixture that provides soft, balanced illumination. The perforated baffle and curved reflector design produce a combination of direct and indirect light that eliminates glare. Lamps and ballast compartment are not visible from below, adding to the aesthetics of this fixture series. Basket construction material can be altered for specific applications and high volume specialty designs.

Applications include retail, office areas, libraries, computer rooms, conference rooms and anywhere where glare needs to be minimized.

Mounting Methods

Standard troffer mounting for easy installation in T-bar ceilings.

Product Construction

The OIT fixture housing is die formed from heavy gauge cold rolled steel. The housing finish is a low gloss, high reflectivity powder coat finish.

Perforated Baffle – White perforated metal basket with white opal acrylic diffuser inlay is releasable with retractable pins.

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.

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

RECESSED
FIXTURES



The Brightest Energy Solution

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

OIT – Fixture Ordering Information

Fixture Series	Basket	Size (FT)	# of Lamps*1	Lamp Type	Voltage	# Ballasts	Ballast Type	Options	Lamp Color	Lamp Options*2	
OIT	CB	22	2	17	12	1	HI	W ()	BLANK	HP	
			3	24	27	2	LI	E ()	830	A	
		24	3	32	34		SI	F	835	ES ()	
				36	UV		SI+	20G	841	XL	
					40	HV		PS	RLY	850	
					50			PSL			
					54			PSH			
					55			PD			
								AX			

Please Specify When Ordering:

Fixture Series	Basket	Size (FT)	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Options	Lamp Color	Lamp Options
OIT										

*1 2x2 Fixture available with up to 2 – 17/24w lamps or 3 – 36, 40, 50 or 55w lamps; 2x4 Fixture available with up to 3 – 32w/54w lamps.

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

Basket Selection

CB Perforated Center Basket

Lamp Type Selections

- 17 F17T8 System
- 24 F24T5HO System
- 32 F32T8 System
- 36 FT36W/2G11 System
- 40 FT40W/2G11 System
- 50 FT50W/2G11 System
- 54 F54T5HO System
- 55 FT55W/2G11 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 BF (LBF) Electronic*
- SI Standard BF (NBF) Electronic**
- SI+ 1.0 BF Electronic *
- PS Programmed Start NBF
- PSL Programmed Start LBF *
- PSH Programmed Start HBF***
- PD Programmed Start Dimming
- AX Daylight Harvesting Ballast with remote mount photosensor*

* T8 Only
 ** T8 & 40w Biax Only
 *** T8 & 36w, 40w & 50w Biax Only

Options Selections

- W () Single Circuit Whip(Specify Length)
- E () Emergency Pack (# Lumens)
- F Inline Fuse
- 20G 20 gauge NYC Standards
- RLY Low Voltage Relay

Lamp Color Selections

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

* T8, T5HO & 40w Biax Only

Lamp Options Selections

- HP High Performance, Long Life*
- A Amalgam Tip**
- ES () Energy Saver (Specify Wattage)***
- XL Long Life*

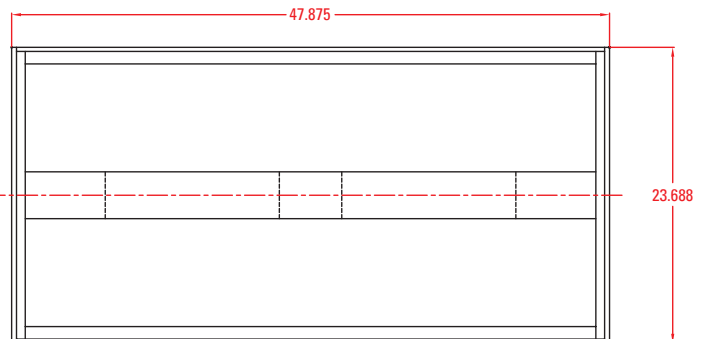
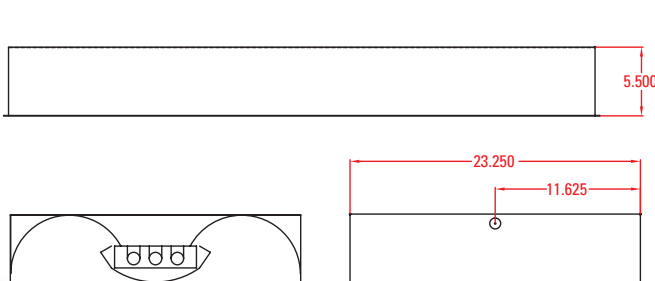
* T8 Only
 ** T5HO Only
 *** 32, 40, 54w Only

Common Fixture Selections

Catalog Number	System	# of Lamps	Wattage (120/277V)*	Initial System Lumens*	Mean System Lumens*
OIT CB 22 236 UV 1PSH	BIAX	2	89w/82w	6,960	6,264
OIT CB 22 250 UV 1PSH	BIAX	2	118w/115w	9,460	8,514
OIT CB 24 232 UV 1SI	T8	2	54w/53w	5,394	5,220
OIT CB 24 254 UV 1PS	T5HO	2	116w/115w	10,000	9,500

*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: _____