



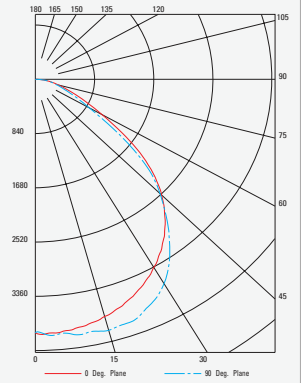
Photometric Data

LTL#: 09670

CAT#: OET D12 24 432 12 ISI E 741

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIXT
0-30	3172	27.3	32.6
0-40	5210	44.9	53.6
0-60	8555	73.8	88.0
0-90	9724	83.8	100.0
90-180	0	0.0	0.0
0-180	9724	83.8	100.0
Total Luminaire Efficiency:		83.8%	
CIE Type:		Direct	
Plane:		0-Deg 90-Deg	
Spacing Criteria:		1.2 1.3	
Luminous Length:		45.750 21.500	



OET SERIES

Economy grade recessed troffer

A high efficiency fluorescent lay-in style fixture that provides exceptional light distribution for general areas.

Applications include retail, office areas, manufacturing, and gymnasiums with the Lexan or wireguard safety options.

Light Distribution

OET fixtures are available with a variety of lens/louver and reflector combinations, allowing the customer to maximize efficiency and customize the fixture "look" to meet their specific needs. Popular combinations include the D23 lens with Enhanced Specular reflector; and the White 12 cell louver (2x4) with the Highly Reflective white reflector.

Mounting Methods

- Standard troffer mounting for easy installation in T-bar ceilings
- Optional Flange Kit available for installation in NEMA Type F, drywall and plaster ceilings

Product Construction

The OPT fixture housing is brake formed from heavy gauge cold rolled steel. Ends are permanently riveted to housing for strength and rigidity. The housing is pre-painted with a durable, highly reflective finish.

Optical Reflector

The system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

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. Compact fluorescent lampholders are standard 2G11 base snap-in type.

Lens

The standard lens is a clear, 0.1" prismatic acrylic lens. Optional lenses/louvers 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	Size (FT)	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Options	Lamp Color	Lamp Options
OET											

Fixture ordering guide

Fixture Series	Lens	Size (FT)	# of Lamps*2	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Options	Lamp Color	Lamp Options*3
OET	D12	14	2	I7	12	1	HI	E	W ()	BLANK	HP
OET(F)*1	D125	22	3	24	27	2	LI	W	E ()	830	A
	D23	24	4	U31	34	3	SI	B	F	835	TG*4
	DL1			32	UV		SI+		GC	841	SS*4
	DL2			U32	HV		PS		20G	850	ES ()
	W6			36			PSL		SDT		XL
	W9			40			PSH		RLY		
	W12			50			PD				
	W18			54			SDH				
	CALI			55			AX				

*1 OET(F) is a flanged troffer designed for installation in sheetrock ceilings.

*2 1x4 fixture available with up to 3 - 32/54w lamps; 2x2 fixture available with up to 4 - 17/24w, 2 - U32w & 3 - U31, 36/40/50/55w lamps; 2x4 fixture available with up to 4 - 32/36/40/50/54/55w lamps.

*3 Consult factory for manufacturing specific ordering codes/availability.

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

Available fixture selections

Lens Selections	Lamp Type Selections	Ballast Selections	Options Selections	Lamp Color Selections
D12 Standard Prismatic	I7 F17T8 System	HI High Ballast Factor (HBF) Electronic*	W() Single Circuit Whip (Specify Length)	BLANK Lamps Not Included
D125 0.125" Prismatic	24 F24T5HO System	LI Low Ballast Factor (LBF) Electronic*	E() Emergency Pack (# Lumens)	830 80+ CRI, 3000K
D23 23 Pattern High Dispersion, High Efficiency	U31 FU31T8 System	SI Standard Ballast Factor (NBF) Electronic**	F Inline Fuse	835 80+ CRI, 3500K
DL1 0.118" Clear Lexan	32 F32T8 System	SI+ I.0BF Electronic*	GC Grid Clips	841 80+ CRI, 4100K
DL2 0.220" Clear Lexan	U32 FU32T8 System	PS Programmed Start (NBF)	20G 20 Gauge	850 80+ CRI, 5000K*
W6 6 Cell White (1x4)	36 FT36W/2G11 System	PSH Programmed Start LBF*	SDT Step Down Transformer (480V to 277V)	* T8, T5HO & 40w Biac Only
W9 9 Cell (2x2)	40 FT40W/2G11 System	PD Programmed Start HBF***	RLY Low Voltage Relay	Lamp Options Selections
W12 12 Cell White (2x4)	50 FT50W/2G11 System	SDH Step Dimming HBF (100% to 60% Dimming)*		HP High Performance, Long Life Lamps*
W18 18 Cell White (2x4)	54 F54T5HO System	AX Daylight Harvesting Ballast with remote mount photosensor*		A Amalgam Tip Lamps**
CALI 0.118" Clear Acrylic	55 FT55W/2G11 System			TG Tubeguarded Lamps
Voltage Selections	Reflector Selections			SS Shattershielded Lamps
12 120V	E Enhanced Aluminum			ES() Energy Saver (Specify Wattage)***
27 277V	W Highly Reflective White Aluminum			XL Long Life*
34 347V	B 95% Reflective Extreme White Aluminum			* T8 Only
UV 120-277V				** T5HO Only
HV 347-480V				*** 32, U32, 40, 54w Only

Common fixture selections

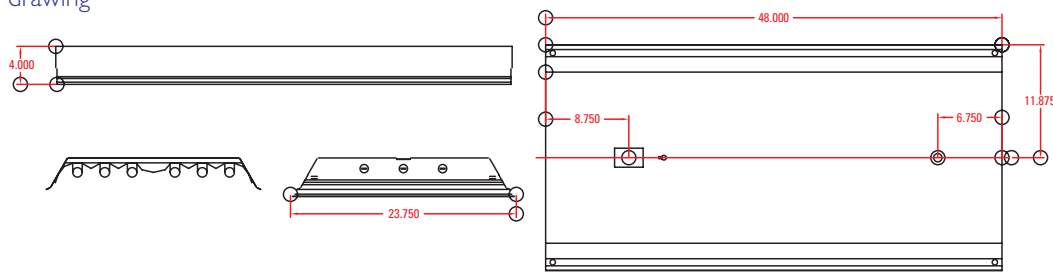
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
OET D23 22 217 UV ILI	T8	2	27w / 27w	2,370	2,291
OET D12 14 232 UV IPS W	T8	2	59w / 58w	5,518	5,340
OET CALI 24 432 UV IPSH W	T8	4	147w / 144w	14,384	13,920
OET D125 24 454 UV IPS E	T5HO	4	232w / 226w	20,000	19,000

*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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