



OV SERIES

General Area Light Distribution Lensed Fluorescent Vaportight

Product Description

A highly durable and efficient gasketed vaportight fixture designed to maximize light distribution and withstand the harshest of conditions. The compact size of the OV allows for installation in areas with size constraints. The OV is perfect for replacing low wattage High Intensity Discharge fixtures.

Applications include: parking garages, tunnels, car washes, subways and washbays.

Light Distribution - The Linear Prism design of the lens allows for optimal light output and superior distribution.

Mounting Methods

OV fixtures are available with durable stainless steel mounting hardware. This mounting option allows the fixture to be hung without holes being drilled through the housing, thus maintaining the fixture's IP ratings and integrity.

Product Construction

The OV's housing is composed of highly durable Fiberglass Reinforced Plastic, while the standard diffuser is a heavy-duty injection molded polycarbonate. Both the interior gear tray and reflector are designed for easy installation and removal.

Optical Reflector system (optional) is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

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.

Lens – Standard Lens is Impact Resistant, Lineally Ribbed Acrylic. Optional lenses are available, see ordering information.

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, IP65 and/or IP67.



Made in the USA

**VAPOR/VANDAL
FIXTURES**



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

OV – Fixture Ordering Information

| Fixture Series | Lens | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options*6 |
|----------------|-------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|----------------|
| OV | DRI | 1 | 17 | 12 | 1 | HI | E | SM | C () | BLANK | HP |
| OVN*1 | DPC*3 | 2 | 24 | 27 | 2 | LI | W | BB | 6T1 | 830 | A |
| OV*2 | DCL*3 | 3*4 | 32 | 34 | 3 | SI | B | | 6T2 | 835 | TG*7 |
| | | | 54 | UV | | SI+ | | | E () | 841 | SS*7 |
| | | | | HV | | PS | | | F | 850 | ES () |
| | | | | | | PSL | | | OS () | | |
| | | | | | | PSH | | | 20G | | |
| | | | | | | PD | | | SDT | | |
| | | | | | | SDH | | | TPL | | |
| | | | | | | | | | SSL | | |
| | | | | | | | | | IP67 | | |
| | | | | | | | | | PC | | |
| | | | | | | | | | PLA*5 | | |

Please Specify When Ordering:

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

*1 OVN is narrow (4") fixture option – only available in 1 lamp fixture (2', 4' or 5'). Only available with DPC Lens.

*2 OVT is an 8ft Tandem fixture, # of lamps are for the profile of the fixture.

*3 DPC Lens not available in OVT; DCL lens not available in 2' OV

*4 OV available with up to 2 – T5HO lamps & 3 – T8 lamps

*5 PLA option only available in OV & OVT fixtures with 3 lamp profile and DCL Lens.

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

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

Lens Selections

DRI Lineally Ribbed Acrylic
 DPC Lineally Ribbed Polycarbonate*
 DCL Deep Clear Lens**
 *2' & 4' Only
 **4' & 8' Only

Lamp Type Selections

17 F17T8 System
 24 F24T5HO System
 32 F32T8 System
 54 F54T5HO 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 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)*
 * T8 Only

Reflector Selections

E Enhanced Aluminum
 W Highly Reflective White Aluminum
 B 95% Reflective Extreme White Aluminum

Hanging Selections

SM Stainless Spring Mount Bracket
 BB Mounting Bracket Bail for Chain Hanging

Options Selections

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)
 20G 20 gauge NYC Standards
 SDT Step Down Transformer (480 to 277V)
 TPL Tamperproof Latches
 SSL Stainless Steel Latches
 IP67 IP67 Rated Enclosure
 PC Photocell
 PLA Peaked Lamp Array

Lamp Color Selections

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*
 A Amalgam Tip Lamps**
 TG Tubeguarded Lamps
 SS Shattershielded Lamps
 ES () Energy Saver (Specify Wattage)

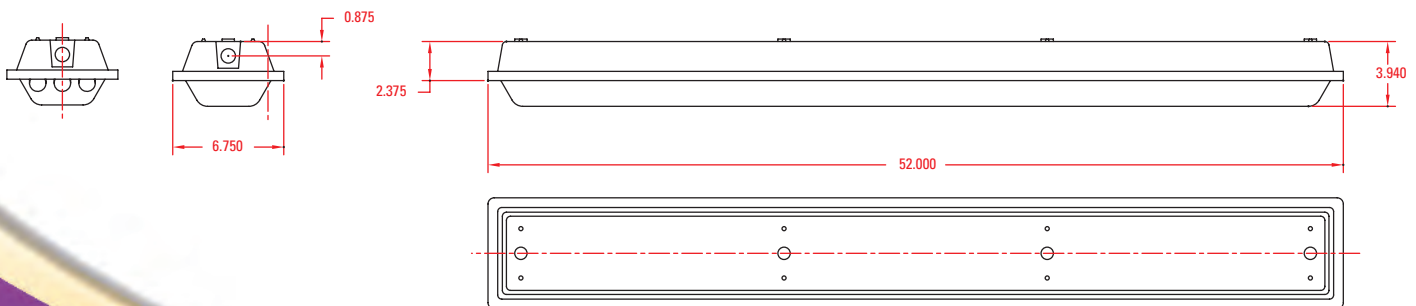
* T8 Only
 ** T5HO Only

Common Fixture Selections

| Catalog Number | System | # of Lamps | Wattage (120/277V)* | Initial System Lumens* | Mean System Lumens* |
|------------------|--------|------------|---------------------|------------------------|---------------------|
| OV 132 UV 1LI W | T8 | 1 | 25w/25w | 2,387 | 2,310 |
| OV 154 UV 1PS E | T5HO | 1 | 71w/71w | 5,600 | 5,320 |
| OVT 132 UV 1SI W | T8 | 2 | 54w/53w | 5,394 | 5,220 |
| OVT 254 UV 1PS 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 Optimum Lighting for current availability and ordering information.



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____