



Photometric Data

LTL#: 09670

CAT#: OV 132 UV ISI E 850ADV

Zonal Lumen Summary

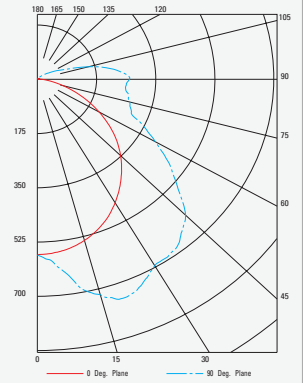
ZONE	LUMENS	%LAMP	%FIXT
0-30	541	17.5	19.7
0-40	928	29.9	33.8
0-60	1757	56.7	64.0
0-90	2481	80.0	90.4
90-180	263	8.5	9.8
0-180	2745	88.5	100

Total Luminaire Efficiency: 88.5%

CIE Type: Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.25 1.78



OV SERIES

General area lighting distribution lensed fluorescent Vaportight

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 transmission 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. An optional bracket bail is also available.

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

The optional reflector 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.

Lens

The standard lens is Impact Resistant Lineally Ribbed Acrylic. Optional lenses 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, IP65 and/or IP67.

Please specify when ordering

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

Fixture ordering guide

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*	2	24	27	2	LI	W	BB	6T1	830	A
OVT*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			SDT		
						PD			TPL		
						SDH			SSL		
									IP67		
									PC		
									PLA*5		

*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 in profile of fixture.

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

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

*7 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
DRI Linear Ribbed Acrylic	17 F17T8 System	HI High Ballast Factor (HBF) Electronic*	C () Single Circuit Cord (Specify Length)	BLANK Lamps Not Included
DPC Linear Ribbed Polycarbonate*	24 F24T5HO System	LI Low Ballast Factor (LBF) Electronic*	6T1 6' Cord with L5-I5 Locking End	830 80+ CRI, 3000K
DCL Deep Clear Lens**	32 F32T8 System	SI Standard Ballast Factor (NBF) Electronic*	6T2 6' Cord with L7-I5 Locking End	835 80+ CRI, 3500K
* 2' & 4' Only	54 F54T5HO System	SI+ I.OBF Electronic*	E () Emergency Pack (# Lumens)	841 80+ CRI, 4100K
** 4' & 8' Only		PS Programmed Start (NBF)	F Inline Fuse	850 80+ CRI, 5000K
Voltage Selections	Reflector Selections			Lamp Options Selections
12 120V	E Enhanced Aluminum	PSL Programmed Start LBF*	OS () Occupancy Sensor (Specify Lamps on Low/Lamps on High)	HP High Performance, Long Life Lamps*
27 277V	W Highly Reflective White Aluminum	PSH Programmed Start HBF*	SDT Step Down Transformer (480V to 277V)	A Amalgam Tip Lamps**
34 347V	B 95% Reflective Extreme White Aluminum	PD Programmed Start Dimming	TPL Tamperproof Latches	TG Tubeguarded Lamps
UV 120-277V		SDH Step Dimming HBF (100% to 60% Dimming)*	SSL Stainless Steel Latches	SS Shattershielded Lamps
HV 347-480V			IP67 IP67 Rated Enclosure	ES () Energy Saver (Specify Wattage)
			PC Photocell	
			PLA Peaked Lamp Array	
		* T8 Only		* T8 Only ** T5HO Only

Common fixture selections

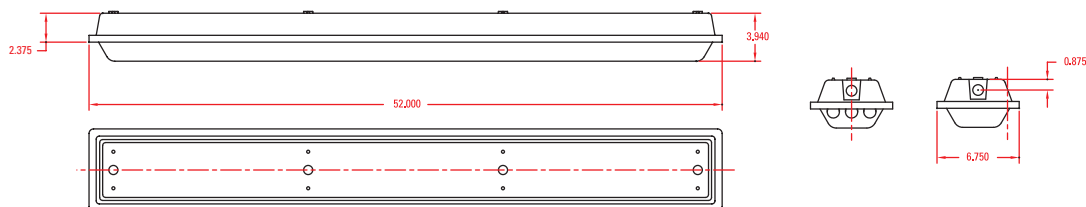
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
OV 132 UV 1LI W	T8	1	25w / 25w	2,387	2,310
OV 154 UV 1PS E	T5HO	1	71w / 71w	5,600	5,320
OVT 132 UV 1SI W	T8	2	54w / 53w	5,394	5,220
OVT 254 UV 1PS E	T5HO	4	232w / 226w	20,000	19,000

*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 Philips Optimum for current availability and ordering information

Dimensional drawing



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____