



## Photometric Data

LTL#: 09670

CAT#: EV 132 UV 1SI E

### Zonal Lumen Summary

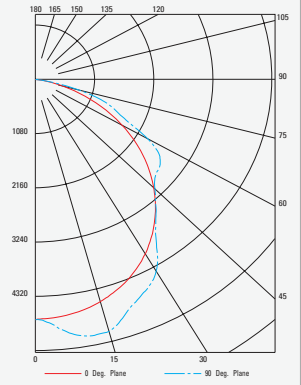
ZONE	LUMENS	%LAMP	%FIXT
0-30	456	16.0	18.5
0-40	789	27.7	32.0
0-60	1551	54.4	62.9
0-90	2343	82.2	95.1
90-120	118	4.1	4.8
90-130	121	4.2	4.9
90-150	122	4.3	4.9
90-180	122	4.3	4.9
0-180	2465	86.5	100.0

Total Luminaire Efficiency: 86.5%

CIE Type: Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.3 1.8



## EV 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 EV sets itself apart from other vaportights with its smaller body size. Perfect for replacing low wattage High Intensity Discharge (HID) 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

EV 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 EV's housing is composed of highly durable Fiberglass Reinforced Plastic, while the standard diffuser is Impact Resistant DR Acrylic. Both the interior gear tray and reflector are designed for easy installation and removal.

#### Optical Reflector

The system (optional) 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 DR 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
EV											

### Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*3
EV	BLANK	1	32	12	1	HI	E	SM	C ( )	BLANK	HP
EVT*1	DRH	2	54	27	2	LI	W		6T1	830	A
	DRE	3*2		34	3	SI	B		6T2	835	TG*4
				UV		SI+			E ( )	841	SS*4
				HV		PS			F	850	ES ( )
						PSL			OS ( )		
						PSH			SDT		
						PD			TPL		
						SDH			SSL		
									IP67		
									PC		

\*1 EVT is an 8ft Tandem fixture, # of lamps are for the profile of the fixture.

\*2 EV available with up to 2 - T5HO lamps & 3 - T8 lamps, in profile of fixture.

\*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	Hanging Selections	Lamp Color Selections
BLANK DR Acrylic Impact Resistant	32 F32T8 System	HI High Ballast Factor (HBF) Electronic*	SM Stainless Spring Mount Bracket	BLANK Lamps Not Included
DRH DR Acrylic High Impact	54 F54T5HO System	LI Low Ballast Factor (LBF) Electronic*		830 80+ CRI, 3000K
DRE DR Acrylic Extreme		SI Standard Ballast Factor (NBF) Electronic*		835 80+ CRI, 3500K
Voltage Selections	Reflector Selections		Options Selections	
12 120V	E Enhanced Aluminum	SI+ I.0BF Electronic*	C ( ) Single Circuit Cord (Specify Length)	841 80+ CRI, 4100K
27 277V	W Highly Reflective White Aluminum	PS Programmed Start (NBF)	6T1 6' Cord with L5-I5 Locking End	850 80+ CRI, 5000K
34 347V	B 95% Reflective Extreme White Aluminum	PSL Programmed Start LBF*	6T2 6' Cord with L7-I5 Locking End	
UV 120-277V		PSH Programmed Start HBF*	E ( ) Emergency Pack (# Lumens)	<b>Lamp Options Selections</b>
HV 347-480V		PD Programmed Start Dimming	F Inline Fuse	HP High Performance, Long Life Lamps*
		SDH Step Dimming HBF (100% to 60% Dimming)*	OS ( ) Occupancy Sensor (Specify Lamps on Low/Lamps on High)	A Amalgam Tip Lamps**
		* T8 Only	SDT Step Down Transformer (480V to 277V)	TG Tubeguarded Lamps
			TPL Tamperproof Latches	SS Shattershielded Lamps
			SSL Stainless Steel Latches	ES ( ) Energy Saver (Specify Wattage)
			IP67 IP67 Rated Enclosure	* T8 Only
			PC Photocell	** T5HO Only

### Common fixture selections

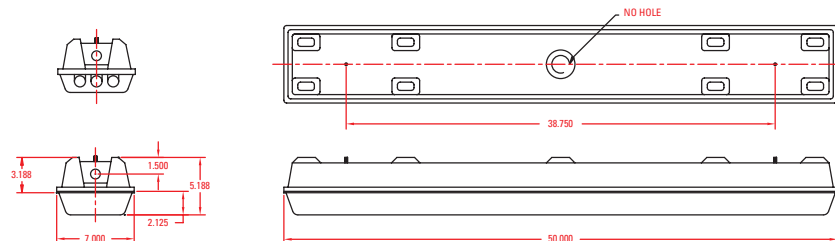
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
EV 132 UV I LI W	T8	1	25w / 25w	2,387	2,310
EV 154 UV I PS E	T5HO	1	71w / 71w	5,600	5,320
EVT 132 UV I SI W	T8	2	54w / 53w	5,394	5,220
EVT 254 UV I PS E	T5HO	4	232w / 226w	20,000	19,000

\*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: \_\_\_\_\_