

WV
SERIES

Aesthetic Directional Light Fluorescent

Product Description

The WV is a specialty, aesthetically pleasing, high efficiency fluorescent fixture that provides exceptional light distribution for general areas. Applications include postal facilities, supermarkets, retail stores and sorting centers.

Light Distribution - The V-shape design allows the customer to direct light between rows of fixtures to achieve optimal light distribution, while minimizing the glare associated with overhead lighting. Optimum Lighting recommends the use of our high efficiency, high dispersion 23 pattern clear acrylic lens (D23) to maximize fixture efficiency and dispersion of light.

The WV is often hung in continuous rows to obtain optimal light distribution.

Mounting Methods:

WV fixtures offer flexible mounting methods that include standard surface mounting, chain hangers, pendant mount or optional gripple hang kit.

Hanging Options Include:

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Chain Mount [Chain hangers are supplied with fixture] (Optional)
- Pendant Mount [Mounting holes provided in the housing] (Standard)
- Quick Cable [QC – Quick hang cable system] (Optional)

Product Construction

The WV fixture housing is brake formed from heavy gauge cold rolled steel. Ends and socket plates are permanently riveted together for strength and rigidity. The housing is post painted with a durable, highly reflective powder-coat finish.

Optical Reflector system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools, using 1/4 turn fasteners to secure it in place.

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 a high efficiency, high dispersion 23 pattern clear acrylic. Optional lenses are available, see ordering information.

Lift & Shift Lens Frame allows customer to lift and shift the lens frame for easy access to lamps & ballast compartment.

Ballasts are electronic programmed-start (T5HO) and 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.



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SURFACE
FIXTURES



The Brightest Energy Solution

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

WV – Fixture Ordering Information

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*2
WV	D23	1	32	12	1	HI	E	V	C ()	BLANK	HP
WVT*1	DL12	2	54	27	2	LI	W	QC	6T1	830	A
	D125			34	3	SI	B	QC ()	6T2	835	ES ()
	CAL1			UV		SI+			E ()	841	XL
				HV		PS			F	850	
						PSL			20G		
						PSH			SDT		
						PD					
						SDH					

Please Specify When Ordering:

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

*1 WVT is an 8ft Tandem fixture, # of lamps are for the profile of the fixture.
 *2 Consult Factory for Manufacturer Specific Ordering Codes/Availability.

Lens Selections

- D23** 23 Pattern High Dispersion, High Efficiency
- D12** Standard Prismatic
- D125** 0.125" Prismatic
- CAL1** 0.118" Clear Acrylic

Lamp Type Selections

- 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 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
- 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

- V** V-Chain Hangars
- QC** Quick Hang Cable (10')
- QC(#)** Quick Hang Cable (Specify Length)

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
- 20G** 20 gauge NYC Standards
- SDT** Step Down Transformer (480 to 277V)

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

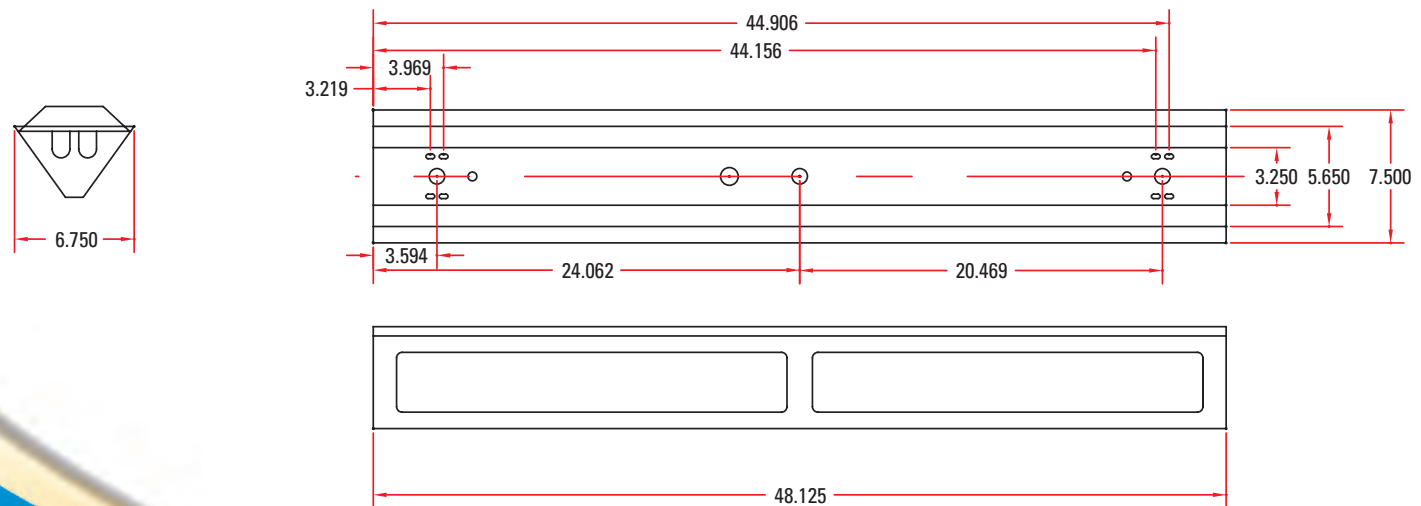
- HP** High Performance, Long Life*
- A** Amalgam Tip**
- ES ()** Energy Saver (Specify Wattage)
- XL** Long Life

*T8 Only
 **T5HO Only

Common Fixture Selections

Catalog Number	System	# of Lamps	Wattage (120/277V)*	Initial System Lumens*	Mean System Lumens*
WV D23 232 UV 1HI W	T8	2	74w/73w	7,130	6,900
WVT D23 132 UV 1SI W	T8	2	54w/53w	5,394	5,220
WVT D125 154 UV 1PS E	T5HO	2	120w/117w	10,000	9,500
WVT D23 232 UV 1PSH W	T8	4	147w/144w	14,384	13,920

*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: _____