



WV SERIES

Aesthetic directional light fluorescent

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.

Product Construction

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. Philips Optimum 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

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

Hanging Options

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Chain Mount [Chain hangers are supplied with the fixture] (Standard)
- Pendant Mount [Mounting holes provided in the housing] (Optional)
- 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 to housing for strength and rigidity. The housing is post painted with a durable, highly reflective powdercoat finish.

Finish

Standard finish on this fixture's housing is a white powder coat. Uniquely, this fixture is available in a wide range of custom colors. Pick from hundreds of colors or supply your own Pantone Color swatch.

Optical Reflector

The 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

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

Lift & Shift Lens Frame

Allow customer to lift and shift the lens frame for easy access to lamps & ballast compartment.

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

Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options* 2
WV	D12	1	32	12	1	HI	E	V	C ()	BLANK	HP
WVT*I	D125	2	54	27	2	LI	W	QC	CC ()	830	A
	D23			34	3	SI	B	QC ()	6TI	835	ES ()
	CALI			UV		SI+			6T2	841	XL
				HV		PS			E ()	850	
						PSL			F		
						PSH			20G		
						PD			SDT		
						SDH					

*1 WVT is an 8ft tandem fixture, # of lamps are for the profile of the fixture.

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

Available fixture selections

Lens Selections D23 23 Pattern High Dispersion, High Efficiency D12 Standard Prismatic 0.118" Clear Lexan D125 0.220" Clear Lexan CALI 0.118" Clear Acrylic	Lamp Type Selections 32 FT32T8 System 54 F54T5HO System Reflector Selections E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum Hanging Selections V V-Chain Hangers QC Quick Hang Cable (10') QC () Quick Hang Cable (Specify Length)	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	Options Selections C () Single Circuit Cord (Specify Length) CC () Custom Color (Specify Color) 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 SDT Step Down Transformer (480V 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 Lamps* A Amalgam Tip Lamps** ES() Energy Saver (Specify Wattage) XL Long Life * T8 Only ** T5HO Only
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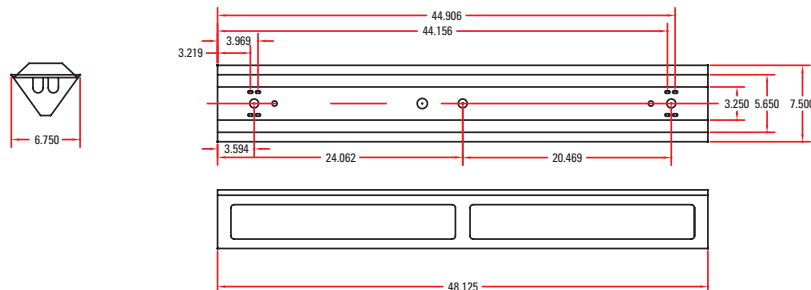
Common fixture selections

Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
WV D23 232 UV IHI W	T8	2	74w / 73w	7,130	6,900
WVT D23 132 UV ISI W	T8	2	54w / 53w	5,394	5,220
WVT D125 154 UV IPS E	T5HO	2	120w / 117w	10,000	9,500
WVT D23 232 UV IPSH 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 Philips Optimum for current availability and ordering information

Dimensional drawing



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____

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