



Photometric Data

LTL#: 9690

CAT#: WE D12 I32 I2 I5 I E 841

Zonal Lumen Summary

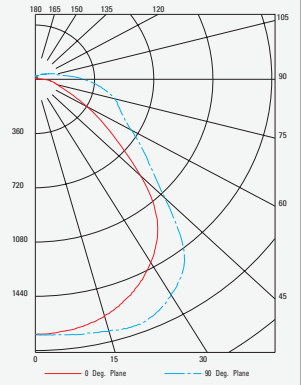
ZONE	LUMENS	%LAMP	%FIXT
0-30	1355	23.8	27.8
0-40	2223	39.0	45.6
0-60	3583	62.9	73.6
0-90	4572	80.2	93.8
90-120	233	4.1	4.8
90-130	261	4.6	5.3
90-150	286	5.0	5.9
90-180	300	5.3	6.2
0-180	4872	85.5	100.0

Total Luminaire Efficiency: 85.5%

CIE Type: Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 1.4



WE SERIES

High efficiency fluorescent Wrap

A high efficiency fluorescent wrap style fixture that provides an economical solution for exceptional light distribution in general areas.

Applications include classrooms, hallways, warehouses, closets, offices, manufacturing workstations and retail. The WE is often installed in continuous rows to obtain optimal light distribution in hallways and similar areas.

The WE series is a versatile lensed fixture that allows flexibility in design. Other options include emergency battery back-up and occupancy sensor, which further enhance the usability of this economical fixture series.

The Linear Prism design along each side of the lens allows for optimal light output and superior distribution, while minimizing glare.

Mounting Methods

WE fixtures offer flexible mounting methods that include: standard chain hangers, pendant mounting, surface mounting or optional cable hanging.

Hanging Options

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

Product Construction

The WE fixture housing is brake formed from heavy gauge cold rolled steel. Ends are permanently riveted in place to form a rigid finished product. The housing is white with a durable, highly reflective finish.

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

Standard lens is a high quality acrylic prismatic with linear refractive sides that provides even light distribution.

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.

PHILIPS

Please specify when ordering

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

Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*2
WE	BLANK	1	17	12	1	HI	E	BLANK	E ()	BLANK	HP
WET*1		2	24	27	2	LI	W		B60	830	A
WE6T*1		3	25	34	3	SI	W95		F	835	ES ()
			28T5	UV		SI+			20G	841	XL
			32	HV		PS			OS ()	850	
			39			PSL			SDT		
			54			PSH			PC		
						PD					
						SDH					
						AX					

*1 WET is an 8ft Tandem fixture & WE6T is a 6ft 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	Lamp Type Selections	Ballast Selections	Hanging Selections	Lamp Color Selections
BLANK Clear Prismatic Acrylic	17 F17T8 System	HI High Ballast Factor (HBF) Electronic*	BLANK Surface Mount	BLANK Lamps Not Included
	24 F24T5HO System	LI Low Ballast Factor (LBF) Electronic*		830 80+ CRI, 3000K
	25 F25T8 System	SI Standard Ballast Factor (NBF) Electronic*	Options Selections	835 80+ CRI, 3500K
Voltage Selections	28 F28T5 System	SI+ I.0BF Electronic*	E () Emergency Pack (# Lumens)	841 80+ CRI, 4100K
12 120V	32 F32T8 System	PS Programmed Start (NBF)	B60 Bodine 2 Lamp Emergency Ballast (600-700 Lumens)	850 80+ CRI, 5000K
27 277V	39 F39T5HO System	PSL Programmed Start LBF*	F Inline Fuse	
34 347V	54 F54T5HO System	PSH Programmed Start HBF*	20G 20 Gauge	Lamp Options Selections
UV 120-277V		PD Programmed Start Dimming	OS () Occupancy Sensor (Specify Lamps on Low/Lamps on High)	HP High Performance, Long Life Lamps*
HV 347-480V		SDH Step Dimming HBF (100% to 60% Dimming)*	SDT Step Down Transformer (480V to 277V)	A Amalgam Tip Lamps***
		AX Daylight Harvesting Ballast with remote mount photosensor*	PC Photocell	ES () Energy Saver (Specify Wattage)**
Reflector Selections				XL Long Life*
BLANK Default Reflector*				
E Enhanced Aluminum				
W Highly Reflective White Aluminum				
W95 95% Reflective Diffuse, Bright White Reflector				
*Default reflector for WE 1L & 3L is W reflector; default for WE 2L & WE15 is standard white cover		* T8 Only		* T8 Only ** 32w T8, 28w T5 & 54w T5HO Only *** 54w T5HO Only

Common fixture selections

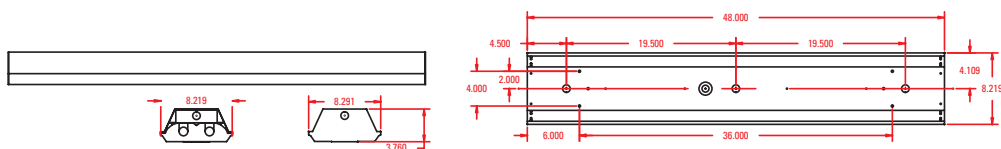
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
WE 132 UV 1LI W	T8	1	25w / 25w	2,387	2,310
WE 154 UV 1PS E	T5HO	1	71w / 71w	5,600	5,432
WET 132 UV 1SI W	T8	2	54w / 53w	5,394	5,220
WET 254 UV 1PS E	T5HO	4	232w / 226w	20,000	19,000

*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: _____

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