

WE SERIES High Efficiency Fluorescent Wrap

Product Description

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 Include:

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Pendant 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)

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 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 quality clear acrylic prismatic with linear refractive sides that provides even light distribution.

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.

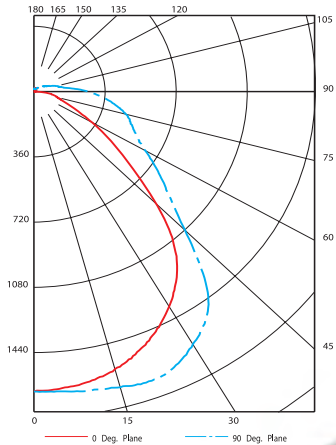
Photometric Data

LTL NUMBER: 9690
CAT#: WE D12 132 12 1SI 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	





The Brightest Energy Solution

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

WE – Fixture Ordering Information

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	BLANK	BLANK	E ()	BLANK	HP
WET*1		2	24	27	2	LI	E	V	F	830	A
WE6T*1		3	25	34	3	SI	W	QC	20G	835	ES ()
			28T5	UV		SI+	B	QC ()	OS ()	841	XL
			32	HV		PS			SDT	850	
			39			PSL			PC		
			54			PSH					
						PD					
						SDH					
						AX					

Please Specify When Ordering:

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

*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 Manufacturer Specific Ordering Codes/Availability.

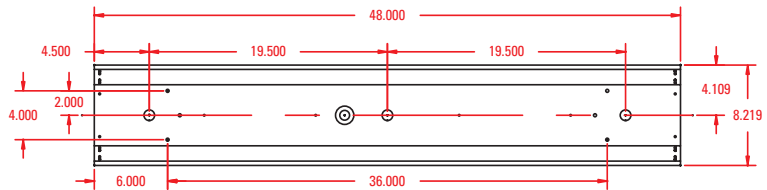
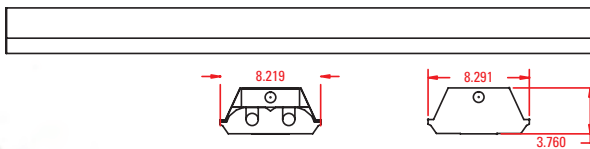
<p>Lens Selections</p> <p>BLANK Clear Prismatic Acrylic</p> <hr/> <p>Lamp Type Selections</p> <p>17 F17T8 System 24 F24T5HO System 25 F25T8 System 28 F28T5 System 32 F32T8 System 39 F39T5HO System 54 F54T5HO System</p> <hr/> <p>Voltage Selections</p> <p>12 120V 27 277V 34 347V UV 120-277V HV 347-480V</p>	<p>Ballast Selections</p> <p>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)* AX Daylight Harvesting Ballast with remote mount photosensor*</p> <p>* T8 Only</p>	<p>Reflector Selections</p> <p>BLANK No Reflector (Standard white covers) E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum</p> <hr/> <p>Hanging Selections</p> <p>BLANK Surface Mount V V-Chain Hangers QC Quick Hang Cable (10') QC () Quick Hang Cable (Specify Length)</p>	<p>Options Selections</p> <p>E () Emergency Pack (# Lumens) F Inline Fuse 20G 20 gauge NYC Standards OS () Occupancy Sensor (Specify Lamps on Low/Lamps on High) SDT Step Down Transformer (480 to 277V) PC Photocell</p>	<p>Lamp Color Selections:</p> <p>BLANK Lamps Not Included 830 80+ CRI, 3000K 835 80+ CRI, 3500K 841 80+ CRI, 4100K 850 80+ CRI, 5000K</p> <hr/> <p>Lamp Options Selections:</p> <p>HP High Performance, Long Life Lamps* ES () Energy Saver (Specify Wattage)** A Amalgam Tip Lamps*** XL Long Life**</p> <p>* T8 Only ** 32w T8, 28w T5 & 54w T5HO Only *** 54w T5HO Only</p>
---	---	--	---	---

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 Optimum Lighting for current availability and ordering information.



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____