



Photometric Data

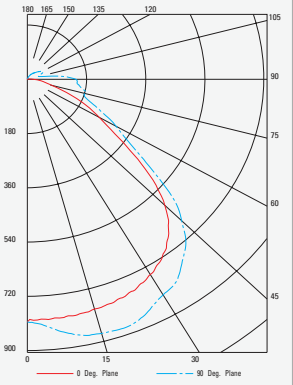
LTL#: 9670

CAT#: WW D12 I32 I2 I5I E 84I

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIXT
0-30	695	24.0	26.6
0-40	1166	40.2	44.6
0-60	1994	68.8	76.2
0-90	2451	84.5	93.7
90-120	126	4.3	4.8
90-130	148	5.1	5.7
90-150	164	5.7	6.3
90-180	165	5.7	6.3
0-180	2616	90.2	100.0

Total Luminaire Efficiency: 90.2%
 CIE Type: Direct
 Plane: 0-Deg 90-Deg
 Spacing Criteria: 1.4 1.5



WW SERIES

Wide base fluorescent Wrap

The WW wrap is an efficient and cost effective fluorescent solution, designed with a wide footprint to allow it to replace existing surface mount fixtures, while covering unsightly marks.

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

The WW 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

WW 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] (Standard)

Product Construction

The WW 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

The standard lens is a high quality clear acrylic prismatic with linear refractive sides that provides even light distribution. Optional 0.125" prismatic (D125) is also available, for large orders, 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.

Please specify when ordering

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

Fixture ordering guide

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options*4
WW	BLANK	1	17	12	1	HI	E	BLANK	E ()	BLANK	HP
WWT*1	D125*2	2	24	27	2	LI	W	V	F	830	A
WW6T*1		3*3	25	34	3	SI	B	QC	20G	835	ES ()
			28T5	UV		SI+		QC ()	OS ()	841	XL
			32	HV		PS			SDT	850	
			39			PSL			PC		
			54			PSH					
						PD					
						SDH					
						AX					

*1 WWT is an 8ft Tandem fixture & WW6T is a 6ft Tandem fixture, # of lamps are for the profile of the fixture.

*2 D125 lens only available for large fixture orders.

*3 WW available with up to 2 - T5HO & 3 - T8 lamps (profile of fixture).

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

Available fixture selections

Lens Selections	Reflector Selections	Ballast Selections	Hanging Selections	Lamp Color Selections
BLANK Clear Prismatic Acrylic D125 0.125 Prismatic	E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum	HI High Ballast Factor (HBF) Electronic* LI Low Ballast Factor (LBF) Electronic* SI Standard Ballast Factor (NBF) Electronic* SI+ I.OBF 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*	BLANK Surface Mount V V-Chain Hangers QC Quick Hang Cable (10') QC () Quick Hang Cable (Specify Length)	BLANK Lamps Not Included 830 80+ CRI, 3000K 835 80+ CRI, 3500K 841 80+ CRI, 4100K 850 80+ CRI, 5000K
Voltage Selections			Options Selections	Lamp Options Selections
12 120V 27 277V 34 347V UV 120-277V HV 347-480V			E() Emergency Pack (# Lumens) F Inline Fuse 20G 20 Gauge OS () Occupancy Sensor (Specify Lamps on Low/Lamps on High) SDT Step Down Transformer (480V to 277V) PC Photocell	HP High Performance, Long Life Lamps* A Amalgam Tip Lamps*** ES () Energy Saver (Specify Wattage)** XL Long Life*
Lamp Type Selections				
17 F17T8 System 24 F24T5HO System 25 F25T8 System 28 F28T5 System 32 F32T8 System 39 F39T5HO System 54 F54T5HO System		* T8 Only		* T8 Only ** 32w T8, 28w T5 & 54w T5HO Only ***54w T5HO Only

Common fixture selections

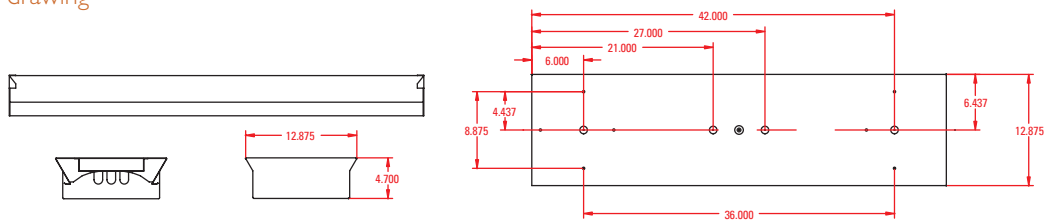
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
WW 254 UV IPS W	T5HO	2	116w / 115w	10,000	9,500
WW D125 332 UV ISI W	T8	3	82w / 80w	8,091	7,830
WWT 232 UV IHI W	T8	4	148w / 145w	14,160	13,703
WWT 254 UV IPS E	T5HO	4	232w / 226w	20,000	19,000

*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: _____