



IWP SERIES

Long Life Induction Wall Pack

Product Description

The IWP Induction fixture is designed as a durable, long life alternative to similarly designed High Intensity Discharge fixtures. Composed of rugged die cast aluminum with a weather seal gasket and high impact diffuser, the IWP is dust-tight and water-jet proof, making it ideal for a wide range of applications. Applications include parking garages/lots, retail exteriors, perimeter lighting, loading areas, tunnels and other wet and/or dusty locations. The IWP is also popular in any application requiring extended maintenance-free operation.

The high impact prismatic borosilicate glass diffuser is designed for optimal light output and superior distribution.

QL Induction – QL technology couples the basic principles of induction and gas discharge, thus eliminating the need for electrodes, to provide an extra long life lighting system. The lamp life of QL is rated at 100,000 hours, making it virtually maintenance free for over a decade of continuous use. Additional benefits of QL include:

- No Color Shift
- High CRI
- Wide temperature range
- Instant restart

Mounting Methods

Typically the IWP is mounted using the two 1/2" knockouts and 3-1/4" drill-through standoff provided on the back.

Product Construction

The IWP fixture housing is composed of heavy duty die cast aluminum, with a hinged door and a weather seal gasket. The housing finish is an architectural bronze.

Induction system is composed of a combination of QL lamp (discharge vessel), power coupler and High Frequency (HF) generator.

Optical Reflector system is precision brake formed of the selected aluminum material.

Lens – Standard lens is a high impact prismatic borosilicate glass designed to maximize spread.

Power Coupler Construction base with antenna, heat conduction rod with mounting flange and electrical coaxial connection cable.

Generator with oscillator. Output frequency is approximately 2.65MHz. Available voltages: 100-120v or 200-277V.

Listings – All fixtures are UL and CUL listed for wet and damp locations.



Made in the USA



The Brightest Energy Solution

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

IWP – Fixture Ordering Information

Fixture Series	Lens	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color
IWP	PG	1	55	12	—	—	E	—	F	BLANK
			85	27			W	PC	830	
			165				B		840	
									850	

Please Specify When Ordering:

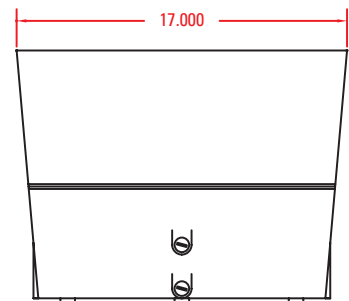
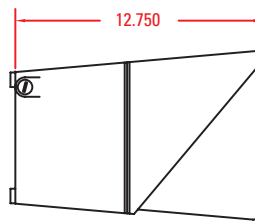
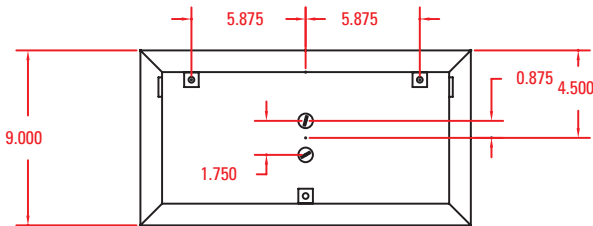
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IWP										

Lens Selections PG Prismatic Glass	Voltage Selections 12 120V 27 277V	Reflector Selections E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum	Options Selections F Inline Fuse PC Photocell	Lamp Color Selections: BLANK Lamps Not Included 830 80+ CRI, 3000K 840 80+ CRI, 4000K 850 80+ CRI, 5000K
Lamp Type Selections 55 QL 55w 85 QL 85w 165 QL165w				

Common Fixture Selections

Catalog Number	System	# of Lamps	Wattage (120/277V)*	Initial System Lumens*	Mean System Lumens*
IWP PG 155 27 E	QL	1	57w/57w	3,500	2,800
IWP PG 155 12 W	QL	1	57w/57w	3,500	2,800
IWP PG 185 27 E	QL	1	87w/87w	6,000	4,800
IWP PG 1165 12 W	QL	1	167w/167w	12,000	9,600

*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: _____