



IVG
SERIES

Durable Long Life Induction Fixture

Product Description

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

The Linear Prism design of the lens allows 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 IVG is mounted directly to the ceiling via twist lock mounting plates, but can also be mounted to walls/pole arms using the optional SP swivel pendant mounting bracket.

Product Construction

The IVG fixture housing is composed of heavy duty die cast aluminum. Housing includes coin plugs on sides and back for conduit access.

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 vandal resistant polycarbonate 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.



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TASK/UTILITY
FIXTURES



The Brightest Energy Solution

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

IVG – Fixture Ordering Information

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

Please Specify When Ordering:

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

Lens Selections PC Polycarbonate Lens	Voltage Selections 12 120V 27 277V	Reflector Selections E Enhanced Aluminum W Highly Reflective White Aluminum B 95% Reflective Extreme White Aluminum	Hanging Selections SP Swivel Pendant Mount 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
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Common Fixture Selections

Catalog Number	System	# of Lamps	Wattage (120/277V)*	Initial System Lumens*	Mean System Lumens*
IVG PC 155 27 E	QL	1	57w/57w	3500	2800
IVG PC 155 12 W	QL	1	57w/57w	3500	2800
IVG PC 185 27 E	QL	1	87w/87w	6000	4800
IVG PC 185 12 W	QL	1	87w/87w	6000	4800

*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: _____