

PowerLux® Pelican™

Dimmable LED Luminaire

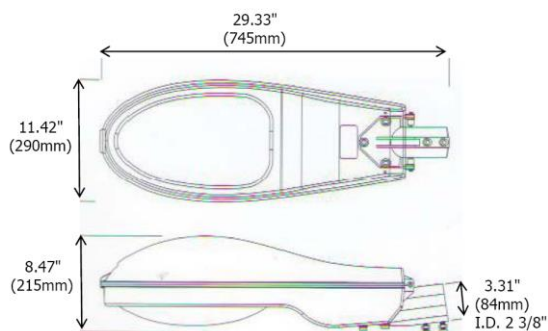
with Bi-Level Motion Sensor

Catalog#		Type
Project		
Note		Date
Prepared by		



RoHS
COMPLIANT

FIXTURE DIMENSIONS



Motion Sensor:
Mounted on housing



PACKING DATA

Carton size: 30"x15"x9" Weight: 18 lbs; Net: 16 lbs

ORDERING INFORMATION

APPLICATIONS

- For street and parking lot lighting
- Designed to replace 50-150W MH and HPS HID light sources or Induction lighting systems

SPECIFICATION FEATURES

- Thermally engineered for sustainable operation
- Die-cast aluminum housing
- **Marine grade** powder coated gray paint finish
- Ingress protection: IP65
- Tool-less entry for easy installation and maintenance
- Safety tempered glass lens
- Aluminum reflector designed for maximum photometric efficiency and optimum light distribution
- Cut-off distribution complies with Dark Sky compliance
- Two mounting positions: Side Entry (horizontal) or Post Top (vertical)
- Receptacle and Photocell available
- Manufactured and Patented in the U.S.A.

LED SYSTEM FEATURES

- Instant ON and instant re-strike with back-to-full brightness feature
- Wattage: 34W or 58W
- CRI: > 80 . Efficacy: see chart
- CCT available: 2700K, 3000K, 3500K, 4000K, 5000K
- Universal Input Voltage: 120-277V. PF≥ 0.95
- 2-level dimmable driver; adjustable up to 90% power reduction to save energy during inactive times. Works with 0-10V Bi-Level motion sensor
- **Warranty**= LED Module: 10 years; LED Driver: 5 years
- **Expected Lifetime**= Module: 143,000 hrs [L70]; Driver: 87,000 hrs.

PROGRAMMABLE BI-LEVEL MOTION SENSOR FEATURES

- 100% Digital PIR Detection; 360° coverage pattern
- Sensor is line powered, switches line voltage and requires no field calibration or sensitivity adjustments
- Adjustable occupancy time delay (from 2.5min to 20 min) 5min. default
- Photocell option available
- UL Listed; Corrosion resistant to moisture
- Made in the U.S.A. with a 5-year warranty
- This lighting control device has been certified by the CA Energy Commission for use in a Title 24 project. Contact PowerLux for details.

Model No.	Wattage (W)	CCT (Kelvin)	Lumen Output [Efficacy]	Input Voltage	Switching	Bi-Level Motion Sensor	Wattage at Each Dim Level
PLEDP	34	2700K	3592 [106 LPW]	120-277V	PER= Receptacle PERP= Receptacle with twist lock Photocell	DMS=Dimmable Motion Sensor DMSP=Dimmable Motion Sensor with Photocell	4W=90% Max.
		3000K	3705 [109 LPW]				7W=80%
		3500K	3896 [115 LPW]				10W=70%
		4000K	3920 [115 LPW]				14W=60%
		5000K	3788 [112 LPW]				17W=50%
	58	2700K	6423 [110 LPW]				6W=90% Max.
		3000K	6968 [120 LPW]				12W=80%
		3500K	7176 [123 LPW]				17W=70%
		4000K	7307 [126 LPW]				23W=60%
		5000K	7035 [121 LPW]				29W=50%

Part Number Example: PLEDP/58/840/7307/120-277/PER/DMS/6W

Description: PowerLux Pelican Dimmable LED Luminaire 58W, 4000 Kelvin, 7307 Lumens, 120- 277V, Receptacle (Photocell not included) ,with dimmable Bi-Level Motion Sensor programmed to 90% maximum dim level

PowerLux® Corporation

U.S. Manufacturer of Sustainable Energy Efficient Lighting Products

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PowerLux® Products Have Stood the Test of Time!

Based on prevailing model. Efficiency of LED Driver and efficacy of LED modules are ever improving. Please contact PowerLux® for latest updated information.

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