

PIERWALK SERIES PIE31

31" LARGE PIERWALK LUMINAIRE

FEATURES

- Offered in four different styles
- Silicone foam gasket ensures weather-proof seal around each individual LED

CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- The upper chamber/lid is topped by a decorative cast aluminum finial/cap and mechanically fastened to the optical chamber. The cast multi-sided cage accommodates UV stabilized acrylic or polycarbonate lenses (side panels) which are sealed for weather tight operation
- The electrical chamber/fitter is an aluminum, decorative fitter designed to accommodate the ballast assembly
- Fasteners are Corrosion Resistant. When tamper resistant fasteners are required, spanner HD (snake eye) style is provided (special tool required, available at additional cost)
- Finish is Beacote V polyester powder-coat electro-statically applied and thermocured. Beacote V finish consists of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish
- The finish meets the AAMA 605.2 performance specification, which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion, per ASTM D522, and resists surface impacts up to 160 inch-pound

ELECTRICAL

- Minimum CRI of 67 at 5000K
- Able to operate normally in ambient temperatures from -40°C to 40°C
- On-board surge protector is a UL recognized component for the United States and Canada and has a surge current rating of 20,000 Amps using the industry standard 8/20 pSec wave. The LSP has a clamping voltage of 825V and surge rating of 540J. The case is a high-temperature, flame resistant plastic enclosure
- Equipped with LED driver(s) that accept 90 through 305 VAC, 50 Hz to 60 Hz (UNIV). Power factor is .92 at full load
- Plug disconnects are listed by UL for use at 600 VAC, 15A or higher

ELECTRICAL (CONTINUED)

- All driver components supplied are component-to-component wiring within the luminaire, carry no more than 80% of rated current and is listed by UL for use at 600VAC at 50°C or higher
- Bezel Optical System supplies each luminaire with an optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel. The cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system
- Two-piece silicone and polycarbonate foam gasket ensure a weather-proof seal around each individual LED and allow the luminaire to be rated for high-pressure hose down applications
- Optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity. The optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning. The cartridge assembly is available in various lighting distributions using a specially designed acrylic optical lens over each LED

CONTROLS

- Thermal circuit consists of surface mounted components mounted on the LED engine (printed circuit board). For maximum simplicity and reliability, the device has no dedicated enclosure, circuit board, wiring harness, gaskets, or hardware. Device has no moving parts, and operates entirely at low voltage (NEC Class 2). The device is located in an area of the luminaire that is protected from the elements
- Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers
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RELATED PRODUCTS

- [Metropolis](#)
- [Urban](#)

CONTROLS (CONTINUED)

- LifeShield™ Circuit protects the luminaire from excessive temperature by interfacing with its 0–10V dimmable drivers to reduce drive current as necessary. The factory-preset temperature limits are designed to ensure maximum hours of operation to assure L70 rated lumen maintenance. The device activates at a specific, factory-preset temperature, and progressively reduces power over a finite temperature range in recognition of the effect of reduced current on the internal temperature and longevity of the LEDs and other components. A luminaire equipped with the device is reliably operated in any ambient temperature up to 55°C (131°F). The thermal circuit allows a higher maximum Wattages than would be permissible on an unregulated luminaire (if some variation in light output is permissible), without risk of premature LED failure. Operation is smooth and undetectable to the eye. Thermal circuit directly measures the temperature at the LED solder point
- Device co-exists with other 0–10V control devices (occupancy sensors, external dimmers, etc.). The device will effectively control the solder point temperature as needed; otherwise it will allow the other control device(s) to function unimpeded

CERTIFICATIONS

- UL1310, Class2 and UL48 compliant
- NRTL label suitable for wet locations

WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

PIERWALK SERIES 31"

31" LARGE PIERWALK LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: PIE31-P-C-24L-55-3K7-UNV-2-PEC-PM-GENI-XX-SS-BMT

CATALOG #

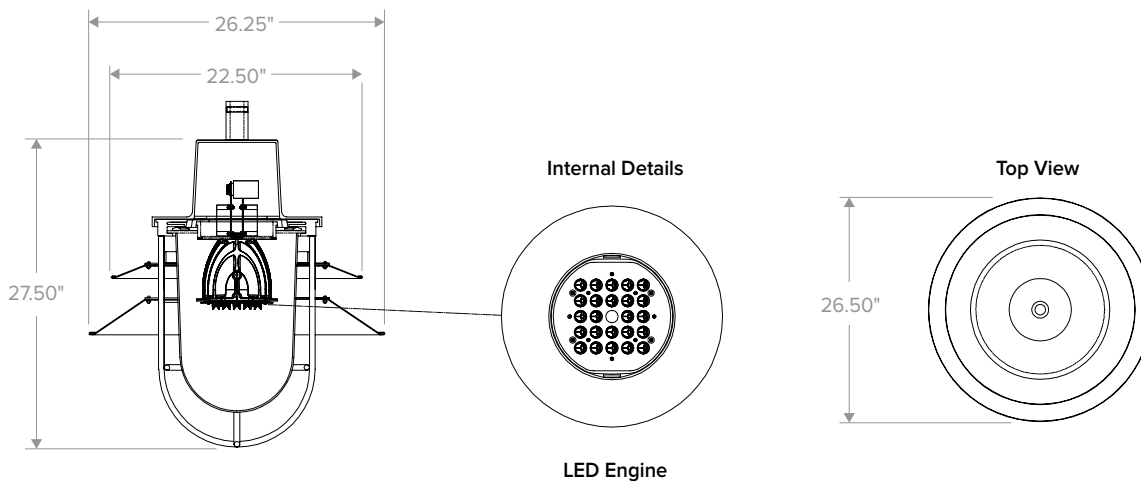
PIE31	P		24L-55				PEC
Series	Lens Material	Lens Finish	Engine Watts	CCT/CRI	Voltage	Optics	Electrical Options
PIE31 31" Pierwalk	P Polycarbonate	C Clear F Frosted	24L-55 55 Watts - LED array	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	UNV 120-277V 347 347V 480 480V	2 Type 2 3 Type 3 4 Type 4 5 Type 5	PEC Photocell, button

PM	GENI-XX		
Mount Options	Control Options	Style Options	Color
PM Pendant mount	GENI-XX Energeni ¹	UQS Unequal shade EQS Equal shade SS Single Shade UQD Unequal discs	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color

Notes:

- 1 When ordering Energeni, specify the routine setting code (example GENI-04). See Energeni brochure and instructions for setting table and options. Not available with sensor options

DIMENSIONS





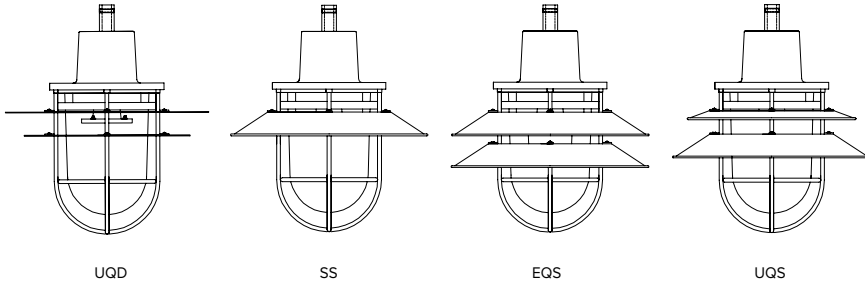
PIERWALK SERIES 31"

31" LARGE PIERWALK LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ADDITIONAL INFORMATION

STYLE OPTIONS



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