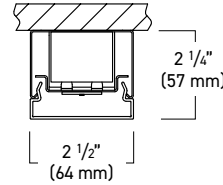




# PIXIE PXR2-F

Surface Mount

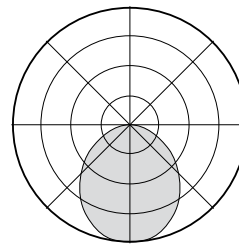


**Row Lengths**

- 2' (610mm)
- 3' (914mm)
- 4' (1219mm)
- 8' (2438mm)
- Continuous Row (specify in 1' increments)

- Linear surface mount ideal for general illumination of commercial, retail, office, and warehouse applications.
- Die formed 20 gauge cold rolled steel housing. Finish is white polyester powder coat paint after fabrication. Optional aluminum (painted white) or stainless steel (natural finish) housing.
- Distributed LED array in a wide variety of lumen output packages. LED color is available in 3000K, 3500K or 4000K with a CRI of 80 or 90. Custom outputs are available. Module is replaceable. L90>100,000 hrs.
- Standard constant current electronic driver with 0-10V dimming input; dimming range from 100% down to 1%. Optional drivers are available.
- Extruded frosted acrylic snap-on lens.

**PXR2-F**  
100% Direct Light Distribution



**Light Output and Energy Consumption**

Light Level	lm/ft	Watts/ft	Efficacy
03*	300	2.4	125.4
05	624	5.1	123.5
08*	875	7.3	119.1
10*	1025	8.8	117.0

Lumen output may vary. 3500K / 80 CRI used for above results.  
 \*Extrapolated data

## ORDERING INFORMATION

SAMPLE NUMBER: PXR2-06L35-UNV-D-11-FL-WH-4

SERIES	LUMEN PACKAGE <sup>1</sup>	CRI/ CCT	VOLTAGE	DRIVER <sup>3</sup>
PXR2 - Pixie 2" Tall Integral Surface Mount	03 - ~300 lm/ft	L30 - 80 CRI, 3000K	U - Universal	<b>Dimming 0-10V</b>
	05 - ~500 lm/ft	L35 - 80 CRI, 3500K	1 - 120 volt	D - Dims to 1% (Standard)
	06 - ~600 lm/ft	L40 - 80 CRI, 4000K	2 - 277 volt	DO - Dims to 1%, Fade to Off
	09 - ~900 lm/ft	L50 - 80 CRI, 5000K		
	10 - ~1000 lm/ft	H30 - 90 CRI, 3000K		
	XX <sup>2</sup>	H35 - 90 CRI, 3500K		
		H40 - 90 CRI, 4000K		

- Notes:**
- Nominal lumen output for 3500K
  - Consult factory for custom lumen package
  - Consult factory for specifications and manufacturers.
  - Battery pack not available in 3' or less or 5' fixtures.
  - Continuous rows installed via quick through wiring. Specify run length in 1' increments.
  - Consult factory for additional options

CIRCUITING / EMERGENCY OPTIONS			SHIELDING	LUMINAIRE FINISH	LENGTH	OPTIONS <sup>6</sup>
<b>Qty of Power Circuits</b> 1 - 1 Circuit	<b>Qty of Power Circuits</b> 1 - 1 Circuit	<b>Options</b> B10 - 10 Watt Battery Pack (CEC Compliant) B15 - 15 Watt Battery Pack (CEC Compliant) GTD - Generator Transfer Device (120V or 277V) EM - Dedicated Emergency Circuit	FL - Flat Lens	WH - White Painted Finish SV - Silver Painted Finish BK - Black Painted Finish AL - Aluminum Housing (Painted White) SS - Stainless Steel Housing (Natural) CC - Custom Color	2 - 24" 3 - 36" 4 - 48" 5 - 60" 6 - 72" 7 - 84" 8 - 96" XX - x ft	GLR - Fusing EKO - End Knock Out FLEX - 6' of flex, 5-wire

## LIGHTING CONTROL

Nulite provides flexibility in meeting the needs of each project by easily integrating with several manufacturers for lighting control options.

**0-10V:** A non-directional dimming system. The control system tells the LED driver what to do and it adjusts according to the voltage on the control circuit.

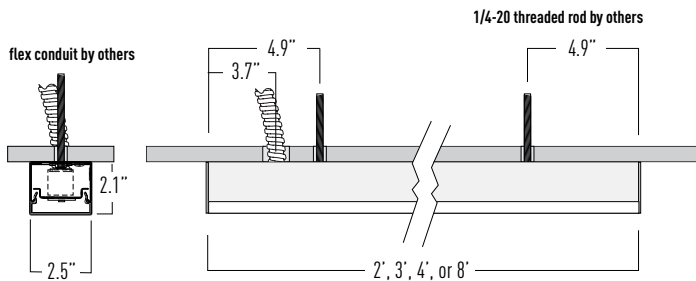
**DALI:** Digital Addressable Lighting Interface is a simple two-wire control connection that goes to each fixture to form the control network. It allows LED drivers to be controlled independently from lighting control circuits.

Solution	Manufacturer	Prefix	Series	Dim Level	Quantity of Wires	Dim to Dark (Smooth)	Fade to Off
<b>Dimming 0-10V</b>							
D	Variable			1%	2		
D0	Variable			0%	2		X
D02	eldoLed		SOLOdrive	0%	2	X	
<b>DALI Dimming</b>							
ELE	eldoLed		ECOdrive	1%	2	X	
ELS	eldoLed		SOLOdrive	0%	2	X	
<b>Lutron Dimming</b>							
L11*	Lutron	PEQ	Hi-Lume Premier	0.1%	2	X	
L12	Lutron	LTEA	Hi-lume™ 2-Wire 120V forward phase	1%	No Control Wires - Uses Hot		
L15	Lutron	LDE1	Hi-lume™ - H Series	1%	2	X	
L16	Lutron	LDE5	5-Series	5%	2		

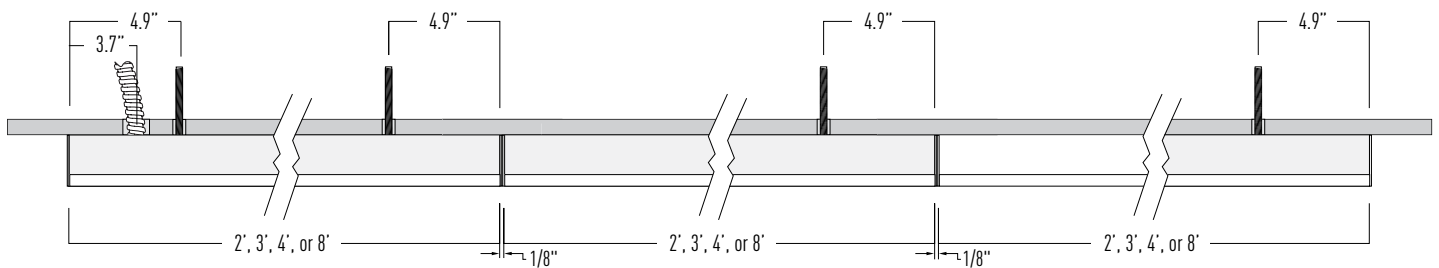
\*Maximum lumen package is 03

## SURFACE MOUNT INSTALLATION DETAILS

### INDIVIDUAL



### CONTINUOUS ROWS VIA QUICK THROUGH-WIRING



## PRODUCT DETAILS

**LIGHT SOURCE** LED custom linear array is mounted with quick-connect wiring to facilitate service. Five lumen packages are available (03, 05, 06, 09, and 10). Custom outputs are available. All luminaire configurations are tested in accordance with IESNA-LM 80.

**DRIVER** Standard constant current integral electronic driver with 0-10V dimming input; dimming range from 100% down to 1%. Dims to 0%, DALI are available. Universal (U), 120 volt (1) and 277 volt (2).

**OPTIONAL DALI** Digital Addressable Lighting Interface is a simple two-wire control connection that goes to each fixture to form the control network. DALI enables dimmable transformers, relay modules, emergency fittings, and controllers from different manufacturers to be mixed and matched into a single control system, allowing LED drivers to be controlled independently from lighting control circuits.

**OPTIONAL BATTERY OPTIONS** Recyclable Ni-Cad battery pack, battery run time is 90 minutes. 5W, 7W, 10W, or 12W battery packs are available. Recharge time of 24 hours. Battery option not available in less than 4' lengths.

**MOUNTING** Designed to install into grid (T1, T9 or TS clips) and structure ceilings. Aircraft cable suspended, individual mount or continuous rows via quick through wiring. Refer to installation instructions for appropriate ceiling detail.

**WARRANTY** 5-year limited warranty on LED and driver from date of shipment. Refer to the full warranty details on [nulite-lighting.com](http://nulite-lighting.com).

**LUMINAIRE LENGTH** Lengths of 2', 3', 4', and 8' lengths. 8-foot maximum section length.

**WEIGHT** ~1.75 lbs/ft.

**APPROVALS** ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2, indoor dry/dam locations.

### INDEPENDENT TESTING

IESNA LM79 - Testing method for the Electrical and Photometric Measurements of Solid State Lighting on the complete system, such as luminous flux, electrical power, luminous intensity distribution, and various properties of chromaticity.

IESNA LM80 - Testing method for measuring lumen maintenance of LED light sources, applies to the LED package, array or module alone, not the complete system.