• 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.

PIXIE
PXR2-F
Surface Mount

ORDERING INFORMATION
SAMPLE NUMBER: PXR2-F-06L35-U-D-W-4

VOLTAGE DRIVER* LUMINAIRE FINISH LENGTH OPTIONS*
U - Universal Dimming 0-10V W - White (Standard)
1 = 120 volt D - Dims to 1% (Standard) AL - Aluminum Housing (Painted White)
2 = 277 volt D0 - Dims to 1%, fade to off SS - Stainless Steel Housing (Natural)
DO2 - Eldeo Solodrive, dims to 0% CC* - Custom Color
DALLI Dimming Lutron Dimming L - Lutron HiLume™ Premier, dims to 0.1%
L11 - Lutron HiLume™ 2-Wire 120V L12 - Lutron HiLume™ 2-Wire 120V Forward Phase, dims to 1%
L15 - Lutron HiLume™ H-Series, dims to 1%
L16 - Lutron HiLume™ 5-Series, dims to 5%
LUMEN PACKAGE\(^1\) CRI/ CCT BATTERY OPTIONS\(^3\) LENGTH OPTIONS
03 - 300 lm/ft L30 - 80 CRI, 3000K B5 - 5W Battery Pack
06 - 600 lm/ft L35 - 80 CRI, 3500K B7 - 7W Battery Pack
09 - 900 lm/ft L40 - 80 CRI, 4000K B10 - 10W Battery Pack
11 - 1100 lm/ft L50 - 80 CRI, 5000K B12 - 12W Battery Pack
XX - ~300 lm/ft H30 - 90 CRI, 3000K
L30 - 80 CRI, 3000K H35 - 90 CRI, 3500K
L35 - 80 CRI, 3500K H40 - 90 CRI, 4000K
H30 - 90 CRI, 3000K
H35 - 90 CRI, 3500K
H40 - 90 CRI, 4000K
Lumen output may vary. 3500K / 80 CRI used for above results.
*Extrapolated data

Notes:
1. Nominal lumen output for 3500K
2. Consult for custom lumen package
3. In order to have a battery, luminaire is required to be ≥4’. Consult factory for additional options
4. Consult factory for specifications and custom dimming options. See page 2 for additional information
5. Consult factory for additional options
6. Continuous rows installed via quick through wiring. Specify run length in 1’ increments
7. Not available in 2 ft. lengths
8. Continuous rows installed via quick through wiring. Specify run length in 1’ increments

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

PXR2-F 100% Direct Light Distribution

Light Output and Energy Consumption

<table>
<thead>
<tr>
<th>Light Level</th>
<th>lm/ft</th>
<th>Watts/ft</th>
<th>Efficacy</th>
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</thead>
<tbody>
<tr>
<td>03*</td>
<td>300</td>
<td>2.4</td>
<td>125.4</td>
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<tr>
<td>05</td>
<td>624</td>
<td>5.1</td>
<td>123.5</td>
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<tr>
<td>08*</td>
<td>875</td>
<td>7.3</td>
<td>119.1</td>
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<tr>
<td>10*</td>
<td>1025</td>
<td>8.8</td>
<td>117.0</td>
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</table>

*Extrapolated data
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.

<table>
<thead>
<tr>
<th>Solution</th>
<th>Manufacturer</th>
<th>Prefix</th>
<th>Series</th>
<th>Dim Level</th>
<th>Quantity of Wires</th>
<th>Dim to Dark (Smooth)</th>
<th>Fade to Off</th>
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<tbody>
<tr>
<td>Dimming 0-10V</td>
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<tr>
<td>D</td>
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<td>D02</td>
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<td>SOLdrive</td>
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<tr>
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<td>EldoLed</td>
<td>ECDrive</td>
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<td>EldoLed</td>
<td>SOLdrive</td>
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<td>X</td>
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<td>Lutron Dimming</td>
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<td>L11*</td>
<td>Lutron</td>
<td>PEQ</td>
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<td>L12</td>
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<td>LTEA</td>
<td>Hi-lume™ 2-Wire 120V forward phase</td>
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<td>LDE1</td>
<td>Hi-lume™ - H Series</td>
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<td>L16</td>
<td>Lutron</td>
<td>LDE5</td>
<td>5-Series</td>
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</table>

*Maximum lumen package is 03

SURFACE MOUNT INSTALLATION DETAILS

**INDIVIDUAL**

- Flex conduit by others
- 1/4-20 threaded rod by others

**CONTINUOUS ROWS VIA QUICK THROUGH-WIRING**

- 2', 3', 4', or 8'
- 1/8"
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 www.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.