Celebrating 50+ years, Metalux offers an extensive line of LED lighting products including industrial Vaportite fixtures. Metalux’s complete family of Vaportite LED products are dedicated to the latest solid state lighting and driver technology for optimal performance and energy efficiency.

Metalux delivers innovation, quality, product availability, and responsiveness all with an affordable value proposition.

### Lumen Range
- **APVT**: 2,000 - 4,000
- **VT2**: 2,000 - 22,000
- **VT3**: 2,000 - 8,000
- **VT4S**: 9,000 - 18,000
- **VT4**: 9,000 - 30,000

### Efficacy (Max)
- **APVT**: 132 lm/W
- **VT2**: 150 lm/W
- **VT3**: 154 lm/W
- **VT4S**: 165 lm/W
- **VT4**: 146 lm/W

### Distribution
- **APVT**: G
- **VT2**: G, W
- **VT3**: G, W, P
- **VT4S**: G, W, P
- **VT4**: G, W, P

### Sizes
- **APVT**: 2’, 4’
- **VT2**: 2’, 4’, 8’
- **VT3**: 2’, 4’
- **VT4S**: 2’
- **VT4**: 4’

### Housing
- **APVT**: Polycarbonate
- **VT2**: Fiberglass/Polyester
- **VT3**: Polycarbonate
- **VT4S**: Fiberglass/Polyester
- **VT4**: Fiberglass

### Lensing
- **APVT**: Acrylic or Polycarb
- **VT2**: Acrylic or Polycarb
- **VT3**: Acrylic or Polycarb
- **VT4S**: Acrylic or Polycarb
- **VT4**: Acrylic or Polycarb

### Wet Location
- **APVT**: Yes
- **VT2**: Yes
- **VT3**: Yes
- **VT4S**: Yes
- **VT4**: Yes

### IP Rating
- **APVT**: IP65
- **VT2**: IP65, 66, 67
- **VT3**: IP65, 66, 67, 69
- **VT4S**: IP65, 67
- **VT4**: IP65, 67

### NSF
- **APVT**: None
- **VT2**: Yes
- **VT3**: Yes
- **VT4S**: Yes
- **VT4**: Yes

### NEMA 4X
- **APVT**: None
- **VT2**: None
- **VT3**: None
- **VT4S**: Yes
- **VT4**: Yes

### Life (@60K hrs)
- **APVT**: L70 at 54K
- **VT2**: L91
- **VT3**: L91
- **VT4S**: L91
- **VT4**: L92

### Ambient Range
- **APVT**: -20°C to 30°C
- **VT2**: -40°C to 35°C
- **VT3**: -40°C to 50°C
- **VT4S**: -40°C to 40°C
- **VT4**: -40°C to 40°C

### Emergency
- **APVT**: None
- **VT2**: Yes
- **VT3**: Yes
- **VT4S**: Yes
- **VT4**: Yes

### Vandal Resistant
- **APVT**: None
- **VT2**: Optional
- **VT3**: Optional
- **VT4S**: Optional
- **VT4**: Optional

### Basic Occupancy
- **APVT**: ✔
- **VT2**: ✔
- **VT3**: ✔
- **VT4S**: ✔
- **VT4**: ✔

### Stand Alone Daylight / Occupancy
- **APVT**: ✔
- **VT2**: ✔
- **VT3**: ✔
- **VT4S**: ✔
- **VT4**: ✔

### WaveMax
- **APVT**: Premium
- **VT2**: Premium
- **VT3**: Premium
- **VT4S**: Premium
- **VT4**: Premium

### Notes:
1. ✔ = high applicability, ■ = medium applicability, □ = low applicability, blank = non-applicable
2. G=General, W=Wide, P=Parking Garage
3. Location data for asset tracking

---

**Click to go to section**

**Parking Garage** Pg. 5

**Complex Environments** Pg. 9

**Food Processing/Manufacturing** Pg. 13

**Warehouse** Pg. 17

**Canopy** Pg. 21
The VT3 LED Series is an energy efficient industrial Vaportite fixture that features rugged and durable construction. The VT3 incorporates a sealed and gasketed, reinforced fiberglass housing with a high impact diffuser. This VT3’s optical performance is ideal for interior and exterior applications including parking garages, food processing, canopy, manufacturing and complex environments.

Click on product to learn more

VT3 VaporTite LED

**Construction**
- Compact and durable fiberglass reinforced polyester housing
- High Impact polycarbonate optical lens
- Sealed and gasketed
- Suitable for interior and exterior applications
- Surface or chain mounted

**Dimensions**

<table>
<thead>
<tr>
<th>2'</th>
<th>4'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>Width</td>
</tr>
<tr>
<td>16-3/4&quot; [425mm]</td>
<td>25-5/8&quot; [651mm]</td>
</tr>
<tr>
<td>Height</td>
<td>Height</td>
</tr>
<tr>
<td>3-5/8&quot; [93mm]</td>
<td>5-7/8&quot; [148mm]</td>
</tr>
<tr>
<td>15/32&quot; [12mm]</td>
<td>15/32&quot; [12mm]</td>
</tr>
<tr>
<td>Length</td>
<td>Length</td>
</tr>
<tr>
<td>47-1/8&quot; [1197mm]</td>
<td>38-1/4&quot; [972mm]</td>
</tr>
</tbody>
</table>

**Performance**
- High-Performance efficacy up to 154 lm/W, DLC Premium qualified
- Precision optics in general, wide, or parking garage distribution
- Available in 2ft and 4ft, with lumen packages up to 8,000 lumens
- IP67 Listed
- NSF International certified for NSF/ANSI Standard 2 - Food Equipment
- Wet Locations listed and can operate in -40°C to 55°C ambient ratings

**Mounting**
- Standard V-hanger
- Surface Bracket

**Distribution**
- General
- Wide
- Parking garage

**Compliance and approvals**
- UL, cUL Listed
- DLC Premium Listed
- Sump Vapor Tight Vapor Tight
- NSF/ANSI Standard 2 - Food Equipment
- Wet Locations listed and can operate in -40°C to 55°C ambient ratings
Parking garages that are commercially owned and operated as well as other parking facilities are the ideal retrofit opportunity for LED. These structures require unique lighting solutions because in many cases, these spaces operate 24 hours a day, 7 days a week. The lighting must provide safety while delivering glare-free illumination and have the performance to withstand weather elements, dust, moisture, and varying temperatures under extreme conditions.
The VT4 LED Series is an energy efficient industrial Vaportite fixture that features rugged and durable construction. The VT4 LED incorporates a full metal tray and heat sink inside a reinforced sealed and gasketed fiberglass housing with a high impact diffuser. This Vaportite series is suitable for interior and exterior applications and can be surface, chain, cable or stem mounted.

The VT4 LED Series has been designed for maximum operation in commercial institutional and industrial environments including cold storage, canopy, and general high bay lighting, where weathering, high temperature, humidity and dust are present.

**Dimensions**

| Feature                  | Measurements
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IP65 and IP67 certified</td>
<td></td>
</tr>
<tr>
<td>NSF listed and NEMA 4x</td>
<td></td>
</tr>
<tr>
<td>Wet Locations listed</td>
<td></td>
</tr>
<tr>
<td>Can operate in -40°C to 40°C ambient ratings</td>
<td></td>
</tr>
</tbody>
</table>

**Construction**

- Durable fiberglass reinforced polyester housing
- High impact clear or frosted acrylic, or polycarbonate optical lens
- Sealed and gasketed
- Suitable for interior and exterior applications
- Surface, chain, cable, or stem mounted

**Performance**

- High-Performance efficacy up to 146 lm/W; DLC Premium qualified
- Available in 3500K, 4000K, and 5000K at 80 CRI
- Available in 4ft, with lumen packages up to 30,000 lumens
- IP65 and IP67 certified
- NSF listed and NEMA 4X rated
- Wet Locations listed and can operate in -40°C to 40°C ambient ratings

**Compliance and approvals**

- VT4 Vaportite LED
Complex environments have a number of requirements that traditional LED lighting fixtures cannot meet. They expect their lighting fixtures to operate in a wide range of temperatures and environments, be able to withstand moisture as well as dust.

Vaportite LED lighting fixtures can meet these requirements by providing customers with UL wet location listed fixtures that also have IP65, IP66, and IP67 ratings. Another common request is the ability to withstand high pressure wash down which Vaportite LED lighting fixtures can meet.
The VT4S LED Series is an energy-efficient industrial Vaportite fixture that features rugged and durable construction. The VT4S incorporates a sealed and gasketed, reinforced fiberglass housing with a high impact diffuser. The VT4S’s optical performance is ideal for interior and exterior applications including food processing, manufacturing, low bay and high bay applications, and complex environments.

**Construction**
- Compact and durable fiberglass reinforced polyester housing
- Clear or Frosted lens made from acrylic or high impact polycarbonate
- Stainless-steel latch option available
- Suitable for interior and exterior applications
- Surface, chain, cable, or monpoint mounted

**Performance**
- High-Performance efficacy up to 157 lm/W; DLC Premium qualified
- 2ft housing delivers up to 18,000 lumens
- Rated up to IP69 and NEMA 4X
- NSF International certified for NSF/ANSI Standard 2 – Food Equipment
- Wet Locations listed and can operate in -40°C to 40°C ambient ratings

**Shielding**
- Clear Lens
- Frosted Lens

**Compliance and approvals**
- UL, DLC, LM79, LM80 Compliant
- NSF/ANSI Standard 2 – Food Equipment
Food processing and food manufacturing environments can be difficult, challenging environments for LED lighting due to the stringent requirements of those facilities. The Vaportite LED lights must deliver energy savings but also perform in a wet environment. The reason that customers in these environments choose Vaportite LED lights is because they must also be subject to rigorous cleaning procedures that standard lighting fixtures cannot meet.

Specifically in food processing, there can be no toxic chemicals in the lighting fixtures and they must be able to withstand corrosion without exposing contamination in the area. NSF certified Vaportite LED fixtures are designed to meet the needs of food processing facilities. For best cleaning and sterilization practices, choose Vaportite LED fixtures with NSF certification combined with IP65, IP66 and IP67 dust and water-resistance ratings.
VT2 VaporLITE LED

The VT2 LED Series is an energy efficient industrial Vaporlite featuring rugged and durable construction. The VT2 LED incorporates a full metal tray and heat sink inside a reinforced sealed and gasketed fiberglass housing with a high impact diffuser. The series is suitable for interior and exterior applications and can be surface, chain, cable or stem mounted.

The VT2 LED has been designed for maximum operation in commercial institutional and industrial environments and can operate in a wide range of temperatures (-40°C to 35°C) and is ideal for cold storage environments.

Dimensions

- Length: 2' (600mm) 4' (1200mm) 8' (2400mm)
- Width: 6-5/8" (168mm)
- Height: 49-13/16" (1265mm)

Optional Back Hub Locations

- 2' (600mm): 5-7/8" (149mm) Z=5-1/8" (130mm)
- 4' (1200mm): 1/4" x 28" Stud (2 Places)
- 8' (2400mm): 1/4" x 28" Stud (4 Places)

Performance

- High-Performance efficacy up to 150 lm/W; DLC Premium qualified
- Precision optics in medium or wide distribution
- Available in 2 ft, 4 ft, and 8 ft with lumen packages up to 22,000 lumens

Compliance and approvals

- UL Listed
- Wet Locations listed and can operate in -40°C to 35°C ambient ratings

VT2 VaporLITE LED

Construction

- Durable fiberglass reinforced polyester housing
- High impact polycarbonate optical lens
- Sealed and gasketed
- Suitable for interior and exterior applications
- Surface, chain, cable, or stem mounted

Mounting

- Mounting Brackets (furnished)
- Chain Hanging Set (optional)
Warehouses and distribution centers are large, vast spaces that can pose challenges to traditional LED lighting. Customers in these spaces are seeking lighting fixtures with lower watts per square foot to maximize energy savings. Not only do the lighting fixtures have to produce high lumen output at low wattages but they must be able to operate in a wide range of temperatures and environments. Vaportite LEDs can meet these requirements by generating high efficacies while also being able to perform in extreme hot and cold temperatures.
The AP Vaportite LED Series is an energy efficient industrial Vaportite fixture featuring durable construction. The AP Vaportite LED incorporates a full metal fixture liner inside a reinforced water-tight housing with a high impact diffuser. The APVT is ideal for interior and exterior applications including canopy, warehouse and light commercial environments.

**Dimensions**

- **5-3/32” [129mm]**
- **25-13/16” [655mm]**
- **16-13/32” [417mm]**

**Performance**

- High-Performance efficacy up to 132 lm/W, DLC Premium qualified
- Precision optics in medium or wide distribution
- Available in 2ft and 4ft, with lumen packages up to 6,000 lumens
- Wet Location Listed
- Can operate in -20ºC to 30ºC ambient ratings

**Compliance and approvals**

- Compact and durable fiberglass reinforced polyester housing
- High Impact polycarbonate optical lens
- Suitable for interior and exterior applications
Canopy applications require outdoor lighting fixtures that are durable. They must provide not only high efficiency lighting with significant energy savings but be able to withstand the harsh elements of being outdoors.

Vaportite LED fixtures meet these needs with their rugged housing as well as their sealed and gasketed construction. These fixtures can withstand extreme variances in temperatures (hot and cold) as well as moisture, humidity, and dust. They also have high impact lenses which are resistant to breaks and vandalism.
Lighting Product Lines
Halo
Halo Commercial
Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Ephesus
Lumière
Streetworks
AtLite
Sure-Lites

Controls Product Lines
Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

Connected Lighting Systems
LumaWatt Pro
WaveLinx
Distributed Low-Voltage Power
ConnectWorks