COOPER
Lighting Solutions

Metalux

For over 50 years, the trusted indoor lighting solution partner for contractors and specifiers setting the quality and reliability that customers demand for every job. We provide our customers exceptional value by reducing costs and energy while improving productivity.

CELEBRATING 50+ YEARS

Metalux
Vaportite LED comparison

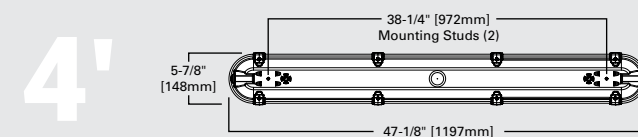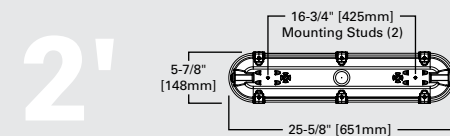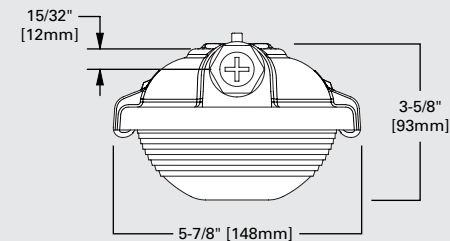|		APVT-S	VT2	VT3	VT4S	VT4
APPLICABILITY [1]	Canopy	★★	★★	★★		
	Storage	★★★	★★★	★★		
	Parking Garage	★★	★★	★★★		
	Warehouse	★★	★★★	★★★	★	★
	Food Processing	★★	★★	★★★	★★	★★
	Manufacturing		★★	★★	★★★	★★★
	Complex Environments		★	★★★	★★★	★★★
FEATURES / PERFORMANCE	Lumen Range	3,000 - 11,600	2,000 - 22,000	2,000 - 8,000	9,000 - 18,000	9,000 - 30,000
	Selectable	Lumens / CCT	N/A	Lumens / CCT	N/A	N/A
	Efficacy (Max)	151 lm/W	150 lm/W	154 lm/W	165 lm/W	146 lm/W
	Distribution [2]	G	G, W	G, W, P	G	G
	Sizes	4', 8'	2', 4', 8'	2', 4'	2'	4'
	Housing	Polycarbonate	Fiberglass/Polyester	Fiberglass/Polyester	Fiberglass	Fiberglass
	Lensing	Polycarbonate	DR Acrylic or Polycarb	DR Acrylic or Polycarb	DR Acrylic or Polycarb	DR Acrylic or Polycarb
	Wet Location	Yes	Yes	Yes	Yes	Yes
	IP Rating	IP65	None	IP65, 66, 67	IP65, 66, 67, 69	IP65, 67
	NSF	None	Yes	Yes	Yes	Yes
	NEMA 4X	None	None	None	Yes	Yes
	Life (@60K hrs)	L89	L91	L91	L91	L92
	Ambient Range	-20C to 40C	-40C to 35C	-40C to 50C	-40C to 40C	-40C to 40C
	Emergency	Yes	Yes	Yes	Yes	Yes
	Vandal Resistant	None	Optional	Optional	Optional	Optional
	DLC	Standard	Premium	Premium	Premium	Premium
INTEGRATED CONTROLS	Basic Occupancy	✔	✔	✔	✔	✔
	Stand Alone Daylight / Occupancy	✔	✔	✔	✔	✔
	WaveLinx	✔		✔		✔
	LumaWatt Pro [3]					

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.

VT3 Vaportite LED

Click on product to learn more

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.

The VT3S offers selectable CCT and lumen with a single easy to access toggle switch. Use the VT3S for interior and exterior applications including parking garages, food processing, canopy, manufacturing and complex environments.

Dimensions

15/32"
[12mm]

3-5/8"
[93mm]

5-7/8" [148mm]

2'

16-3/4" [425mm]
Mounting Studs (2)

5-7/8"
[148mm]

25-5/8" [651mm]

4'

38-1/4" [972mm]
Mounting Studs (2)

5-7/8"
[148mm]

47-1/8" [1197mm]

VT3 Vaportite LED

Construction

Compact and durable fiberglass reinforced polyester housing
High Impact polycarbonate optical lens
Sealed and gasketed, IP65, 66 and 67 listed
Suitable for interior and exterior applications
Surface or chain mounted

Performance

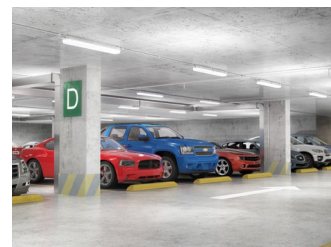| |
|---|
| High-Performance efficacy up to 154 lm/W; DLC Premium qualified |
| Precision optics in general, wide, or parking garage distribution |
| Available in 2ft and 4ft, with lumen packages up to 8,000 lumens |
| Lumen / CCT selectable option, 4 to 6400 luman, 3/35/4000K |
| NSF International certified 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 CERTIFIED · DLC LISTED · DLC LISTED PREMIUM · RoHS Compliant · LM79 / LM80 Compliant · IP65 IP66 IP67 IP69 · NSF · FC · wet location · selectable lumens · seleCCTable colors
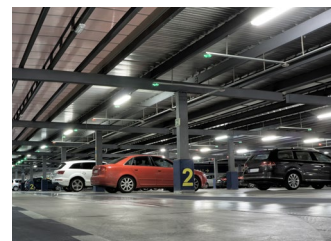
Parking Garage

Parking garages that are commercially owned and operated as well as other parking facilities are the ideal retrofit opportunity to 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.
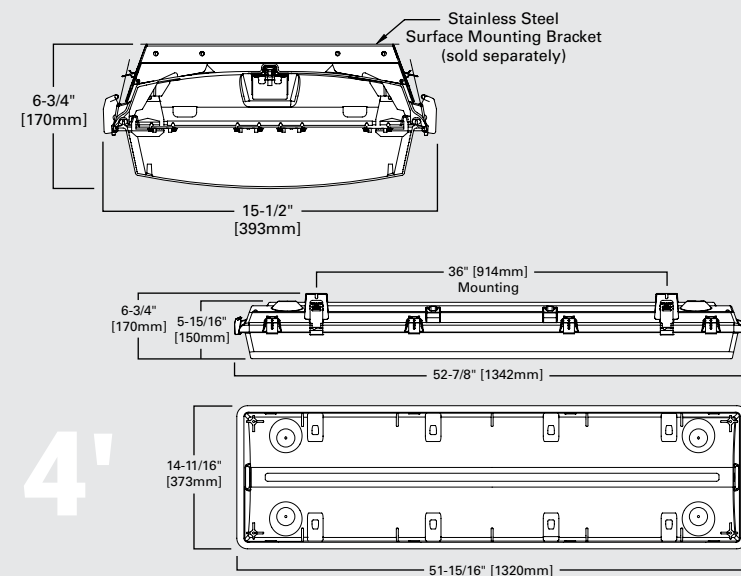
Vaportites

APVT

VT2

VT3

VT4 Vaportite LED

Click on product to learn more

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

Stainless Steel Surface Mounting Bracket (sold separately)

6-3/4" [170mm]

15-1/2" [393mm]

36" [914mm] Mounting
6-3/4" [170mm] 5-15/16" [150mm]
52-7/8" [1342mm]

4'

14-11/16" [373mm]

51-15/16" [1320mm]

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

Mounting

V-hanger	Surface

Shielding

Clear Lens	Frosted Lens

Compliance and approvals

UL CERTIFIED   DLC LISTED   DLC LISTED PREMIUM   RoHS COMPLIANT   LM79 / LM80 Compliant   NSF   FC   IP65 IP67   wet location

Complex Environments

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.

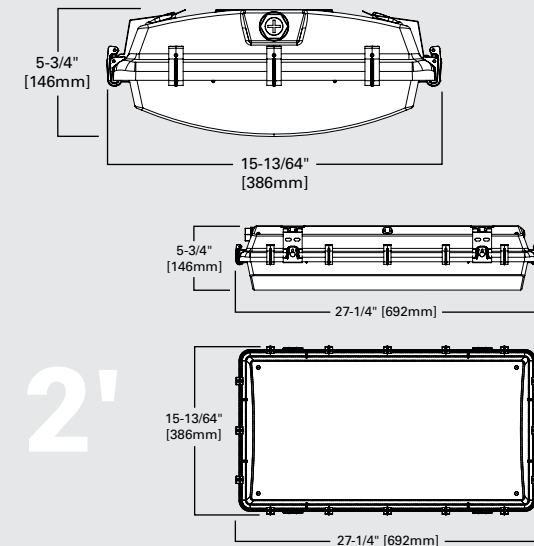## Vaportites

VT3

VT4

VT4S

VT4S Vaportite LED

Click on product
to learn more

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.

Dimensions

5-3/4"
[146mm]

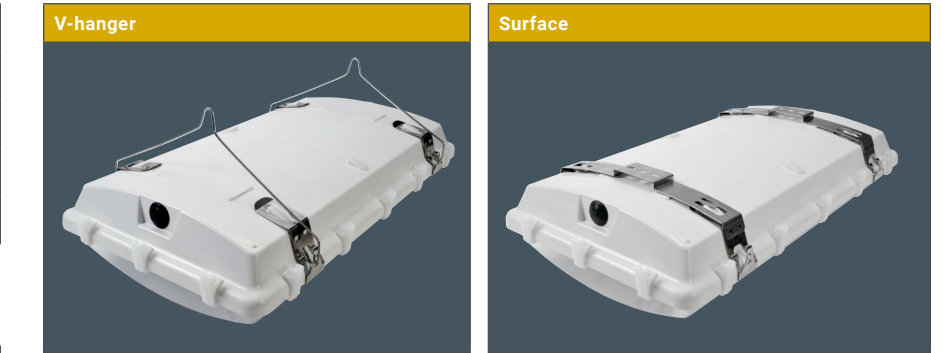15-13/64"
[386mm]

5-3/4"
[146mm]

27-1/4" [692mm]

2'

15-13/64"
[386mm]

27-1/4" [692mm]

VT4S Vaportite LED

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

Mounting

V-hanger	Surface

Shielding

Clear Lens	Frosted Lens

Compliance and approvals

UL CERTIFIED · DLC LISTED · DLC LISTED PREMIUM · RoHS Compliant · LM79 / LM80 Compliant · NSF · IP65 IP66 IP67 IP69 · FC · wet location
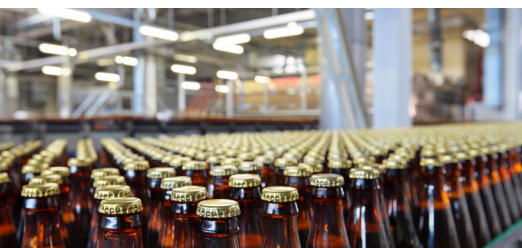
Food Processing/Manufacturing

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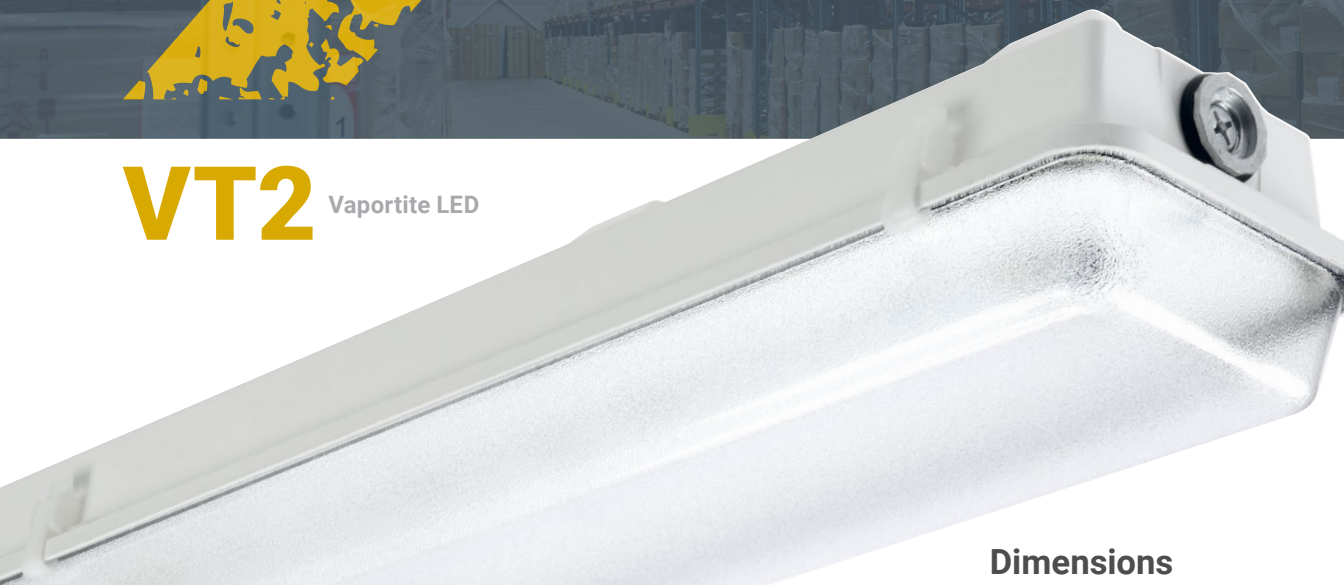
Specifically in food processing, there can be no toxic chemicals in the lighting fixtures and they must be able to withstand corrosion without exposing contamination in the area. NSF certified Vaportite LED fixtures are designed to meet the needs of food processing facilities. For best cleaning and sterilization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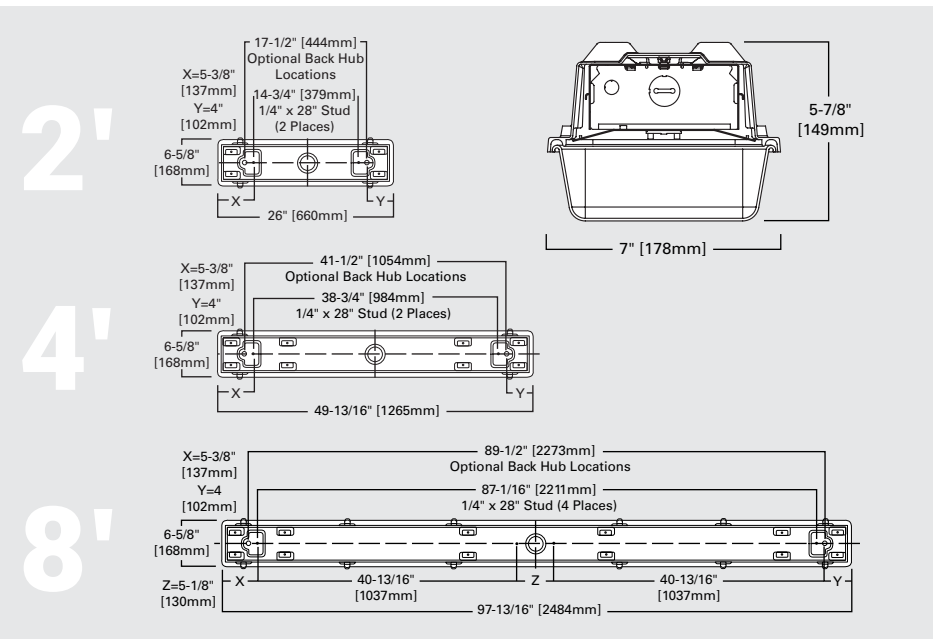
Vaportites

VT2

VT3

VT4

VT4S

VT2 Vaportite LED

Click on product
to learn more

The VT2 LED Series is an energy efficient industrial Vaportite 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 (-40º C to 35ºC) and is ideal for cold storage environments.

Dimensions

2'

X=5-3/8" [137mm]
Y=4" [102mm]
6-5/8" [168mm]
17-1/2" [444mm] Optional Back Hub Locations
14-3/4" [379mm] 1/4" x 28" Stud (2 Places)
26" [660mm]
5-7/8" [149mm]
7" [178mm]

4'

X=5-3/8" [137mm]
Y=4" [102mm]
6-5/8" [168mm]
41-1/2" [1054mm] Optional Back Hub Locations
38-3/4" [984mm] 1/4" x 28" Stud (2 Places)
49-13/16" [1265mm]

8'

X=5-3/8" [137mm]
Y=4 [102mm]
6-5/8" [168mm]
Z=5-1/8" [130mm]
89-1/2" [2273mm] Optional Back Hub Locations
87-1/16" [2211mm] 1/4" x 28" Stud (4 Places)
40-13/16" [1037mm]
40-13/16" [1037mm]
97-13/16" [2484mm]

VT2 Vaportite 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

Performance

High-Performance efficacy up to 150 lm/W; DLC Premium qualified
Precision optics in medium or wide distribution
Available in 2ft, 4ft, and 8ft with lumen packages up to 22,000 lumens
NSF Listed
Wet Locations listed and can operate in -40ºC to 35ºC ambient ratings

Compliance and approvals

Mounting

Mounting Brackets (furnished)	Chain Hanging Set (optional)

Warehouse

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.
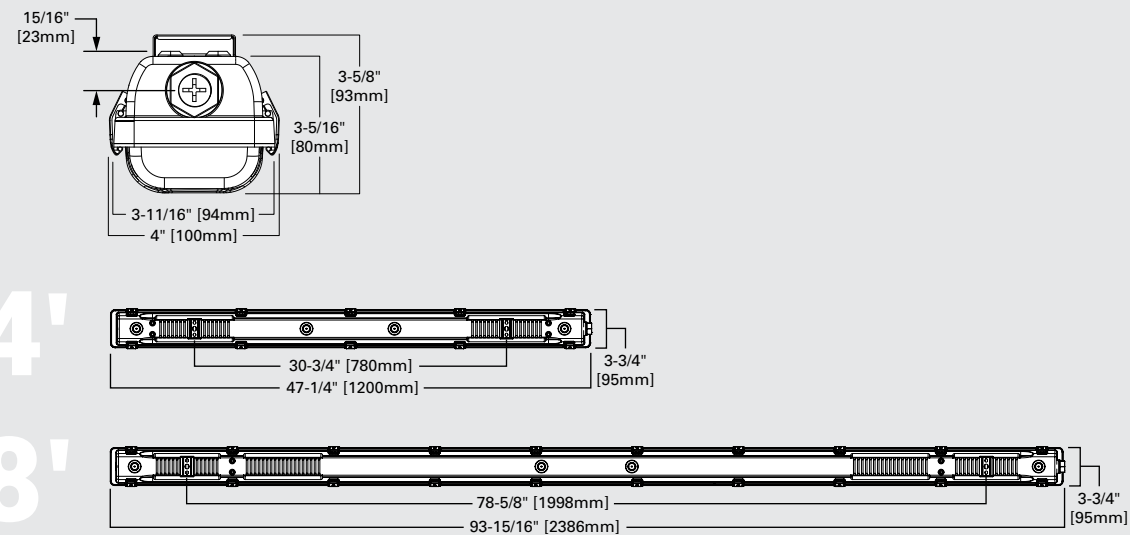
Vaportites

APVT

VT2

VT3

VT4

VT4S

APVT Vaportite LED

Click on product
to learn more

The APVT Vaportite LED Series is an energy efficient vaportite featuring Selectable Lumen and CCT. Its compact size, sealed and gasketed housing and 2-piece easy install design makes APVT fit for interior or exterior applications.

The APVTS now comes with factory installed sensors and emergency batter options to meet any light commercial or residential installs.

Dimensions

15/16"
[23mm]

3-5/8"
[93mm]

3-5/16"
[80mm]

3-11/16" [94mm]
4" [100mm]

4'
30-3/4" [780mm]
47-1/4" [1200mm]
3-3/4"
[95mm]

8'
78-5/8" [1998mm]
93-15/16" [2386mm]
3-3/4"
[95mm]

APVT Vaportite LED

Construction

IK08 optical lens, polycarbonate housing and stainless steel latches
Two piece captive lens, electrical and housing enclosure
Available in 4ft and 8ft lengths
Commercial ready with factory installed sensors and emergency battery options

Performance

Lumen & CCT select option provide application versatility
Efficacy up to 151 lm/W, 0-10V dimming
4ft in 3,000/4,500/8,000 and 8ft in 8,000/10,000/12,000 lumen packages
Can operate in -20°C to 40°C ambient ratings

Compliance and approvals

UL CERTIFIED   RoHS COMPLIANT   DLC LISTED   FC   IP65   IK08

Product Features

selectCCTable colors   selectable lumens   DIMMABLE 0-10V   wet location
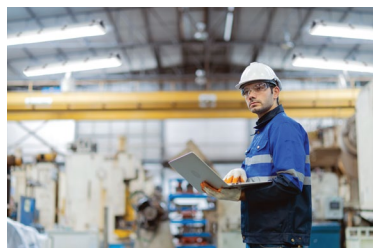
Canopy

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 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.

Vaportites

APVT

VT2

VT3

Lighting Brands

Ametrix

AtLite

Corelite

Ephesus

Fail-Safe

HALO

HALO Commercial

Invue

iO

Iris

Lumark

LumarkAP

Lumière

McGraw-Edison

Metalux

MWS

NeoRay

Portfolio

PrentaLux - 3D Printed Lighting

RSA

Shaper

Streetworks

Sure-Lites

Controls Brands

Greengate

Fifth Light

Intelligent Lighting Controls

Connected Lighting Systems and Smart Spaces Platform

WaveLinx

Trellix Infrastructure

COOPER
Lighting Solutions