LED Roadway Light

Catalog

2024

Certificates:

FC

UL CERTIFIED

DLC LISTED ™

DLC LISTED PREMIUM ™

IP65

5 YEAR LIMITED WARRANTY 5

10 YEAR LIMITED WARRANTY 10

IK10

Options:

DUAL SELECTABLE

Lumen selectable and CCT selectable luminaires
ONE FIXTURE, MULTIPLE CONFIGURATION

CCT SELECTABLE

POWER SELECTABLE

CONTENTS

ROADWAY

and

SERCURITY

Area & Site (VOAL04)

VOAL04 series is the compact, efficient, economical approach to LED area lighting and provides functional, low-profile design with excellent operating performance. VOAL04 series feature the latest LED technology, thermal management and controls, while providing excellent lighting and uniformity for large area/site applications. Multiple arm designs and mounting options are available. It delivers uniform and energy conscious illumination to parking lots and commercial lighting applications.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Dark bronze polyester powder-coat finish

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Round pole, Square pole, Slipfitter and Wall mount

UL listing
- Wet location

Recommended Use
- Automobile dealerships
- Parking lots
- Downtown areas

Distribution
- Type Ⅲ, Ⅳ and Ⅴ

Small Size 40W&70W&100W
Dimensions: 19.07x9.25x6.97in.

Medium Size 150W&200W
Dimensions: 21.59x12.24x6.97in.

Large Size 250W&300W
Dimensions: 29.74x12.24x6.97in.

Replaces up to 1000W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOAL0440W27V50KDSQT3	5000K	40W	5,500 lm	138 lm/W	175W MH
VOAL0470W27V50KDSQT3	5000K	70W	9,600 lm	137 lm/W	250W MH
VOAL04100W27V50KDSQT3	5000K	100W	13,800 lm	138 lm/W	320W MH
VOAL04150W27V50KDSQT3	5000K	150W	20,800 lm	138 lm/W	400W MH
VOAL04200W27V50KDSQT3	5000K	200W	26,000 lm	130 lm/W	400W MH
VOAL04250W27V50KDSQT3	5000K	250W	34,500 lm	138 lm/W	750W MH
VOAL04300W27V50KDSQT3	5000K	300W	41,000 lm	136 lm/W	1000W MH

Accessories

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell - 120V-277V 347V/480V
USE: Photocell is field installed

Backlight Control

Area & Site (VOAL05)

The VOAL05 series, wattage from 100W to 300W, available for three IES optical distributions, optional for light control and motion sensor. which is ideal for the low-cost, high-energy effects you need. At the same time, we will have sufficient inventory in our local U.S. warehouses for delivery. It is ideal for parking lots and commercial lighting.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Dark bronze polyester powder-coat finish

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Round pole, Square pole, Slipfitter, Yoke and Wall mount

UL listing
- Wet location

Recommended Use
- Automobile dealerships
- Parking lots
- Downtown areas

Distribution
- Type Ⅲ, Ⅳ and Ⅴ

Small Size 100W
Dimensions: 20.35x9.25x6 in.
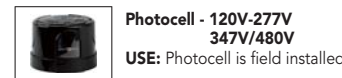
Medium Size 150W&180W
Dimensions: 21.84x11.7x6 in.

Large Size 250W&300W
Dimensions: 30.2x12.1x6 in.

Replaces up to 1000W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOAL05100W27V50KDSQT3	5000K	100W	14,100 lm	141 lm/W	250W MH
VOAL05150W27V50KDSQT3	5000K	150W	21,000 lm	140 lm/W	400W MH
VOAL05180W27V50KDSQT3	5000K	180W	25,000lm	139lm/W	400W MH
VOAL05250W27V50KDSQT3	5000K	250W	35,000 lm	140 lm/W	750W MH
VOAL05300W27V50KDSQT3	5000K	300W	42,000 lm	140 lm/W	1000W MH

Accessories

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell - 120V-277V 347V/480V
USE: Photocell is field installed

Backlight Control

Area & Site (VOAL06)

VOAL06 series utilizes the latest advancements in solid-state lighting to deliver a maximum level of output with minimal energy consumption for a modern outdoor lighting solution. It is available with a wide choice of different LED wattage configurations and optical distributions designed to replace MH lighting up to 1000W MH. Multiple different mounting options allow for application in a wide variety of new and existing installations.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Dark bronze polyester powder-coat finish

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Round pole, Square pole, Slipfitter and Wall mount

UL listing
- Wet location

Recommended Use
- Automobile dealerships
- Parking lots
- Downtown areas

Distribution
- Type Ⅲ, Ⅳ and Ⅴ

Medium Size 100W&150W&200W
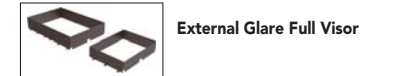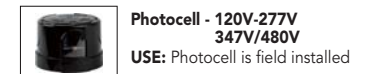Dimensions: 22.2x13x6.97in.

Large Size 240W&300W&350W
Dimensions: 31.47x13.4x6.97in.

Replaces up to 1000W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOAL06100W27V50KDSQT3	5000K	100W	14,200 lm	142 lm/W	250W MH
VOAL06150W27V50KDSQT3	5000K	150W	21,200 lm	141 lm/W	400W MH
VOAL06200W27V50KDSQT3	5000K	200W	28,000 lm	140 lm/W	400W MH
VOAL06240W27V50KDSQT3	5000K	240W	34,000 lm	142 lm/W	750W MH
VOAL06300W27V50KDSQT3	5000K	300W	42,500 lm	142 lm/W	1000W MH
VOAL06350W27V50KDSQT3	5000K	350W	50,000 lm	143 lm/W	1000W MH

Accessories

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell - 120V-277V 347V/480V
USE: Photocell is field installed

External Glare Shield

External Glare Full Visor

Area & Site (VOAL08)

The VO Area Light family has introduced a brand new multifunctional series - the VOAL08. Its highly modern design can easily blend into various installation environments. The concept of a slim and light housing optimizes product heat management through convective cooling. VOAL08 utilizes the latest LED technology to provide high performance, high efficiency, and long-lasting service, while also meeting the needs of customers with a low budget. VOAL08 retains the universal NEMA photocell and sensor functions, while also supporting adjustable power and color temperature (power adjustment: 100%, 80%, 60%, 40%; color temperature adjustment: 3000K, 4000K, 5000K), which helps to reduce inventory pressure for customers.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Dark bronze polyester powder-coat finish

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming
- CCT and Power adjustable.

Mounting
- Round pole, Square pole, Slipfitter, Wall mount and Yoke mount

UL listing
- Wet location

Recommended Use
- Automobile dealerships
- Parking lots
- Downtown areas

Distribution
- Type Ⅱ , Ⅲ , Ⅳ and Ⅴ

Medium Size **100W&140W&180W**
Dimensions: 23.32x13x6 in.

Large Size **250W&300W&400W**
Dimensions: 32.63x13x6 in.

Accessories

PIR Sensor
Description: 3 seconds plug-in
12-24VDC input

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell - 120V-277V
347V/480V
USE: Photocell is field installed

External Glare Shield

External Glare Full Visor

Back Light Control Shield

Replaces up to 1000W MH fixtures.

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOAL08100W27VDDKDSQT3AD	3000K/4000K/5000K	Max 100W	Max 15,800 lm	158 lm/W	250W MH
VOAL08140W27VDDKDSQT3AD	3000K/4000K/5000K	Max 140W	Max 23,000 lm	164 lm/W	400W MH
VOAL08180W27VDDKDSQT3AD	3000K/4000K/5000K	Max 180W	Max 27,000 lm	150 lm/W	400W MH
VOAL08250W27VDDKDSQT3AD	3000K/4000K/5000K	Max 250W	Max 37,000 lm	148 lm/W	750W MH
VOAL08300W27VDDKDSQT3AD	3000K/4000K/5000K	Max 300W	Max 45,000 lm	150 lm/W	1000W MH
VOAL08400W27VDDKDSQT3AD	4000K/5000K	Max 400W	Max 60,000 lm	150 lm/W	1000W MH

AREA & SITE

Are ideal for use in various architectural environments such as auto dealerships, parking lots, walkways, roadways, campuses, facade lighting, grocery stores and other public areas.

MOUNTING
- Standard versatile mounting arm accommodates multiple drilling patterns as well as square and round poles
- Wall Mount available for direct wall mounting and J-box mounting
- Optional for die-cast aluminum slipfitter mounting adapter

Adjustable Arm Mount (Square or Round poles)
Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

Slipfitter Mount
An optional cast aluminum mast arm adapter secures fixture head to nominal 2''(2-3/8''O.D. pipe size) horizontal steel tenon arm.

Wall Mount
Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting

Housing
Features a compact, one-piece die cast housing, saving costs versus models that are extruded or cast and require additional parts. The heat sink is included in the actual casting, further minimizing the need for additional parts.

Photocontrol
Optional twist-lock photocontrol allows for further energy saving.

Standard Arm Mount
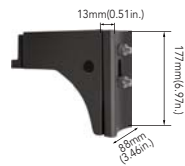The design features an integral arm, increasing strength and simplifying installation.

PHOTOMETRY
Optional Type Ⅲ and Type Ⅳ and Type Ⅴ Photometry as per applications.

PIR Sensor
Optional PIR sensor allows for security and energy saving

INSTALLATION KIT

Additional Mounting Accessories

Slipfitter Installation kit
NO.:SPFD04DA
Finish: Dark Bronze
Description: Slipfitter mount kit, fits 2-3/8"O.D tenon

254m(10in.)
192mm(7.55in.)
85mm (3.35in.)

Round Poles Installation kit
NO.:SQAL01DA
Finish: Dark Bronze
Description: Suitable for 4" & 5" round Ploes

13mm(0.51in.)
177mm(6.97in.)
88mm (3.44in.)

Square Poles Installation kit
NO.:SQAL01DA-A
Finish: Dark Bronze
Description: Suitable for 4" & 5" square pole.

202mm(7.94in.)
70mm(2.75in.)
177mm(6.97in.)

Yoke Installation kit
NO.:YKFD04DA
Finish: Dark Bronze
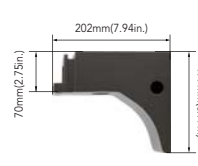Description: Yoke mount kit, fits 2-3/8"O.D tenon

164mm(6.45in.)
60mm(2.4in.)
137mm(5.4in.)

Pole Bracket Accessories Angle-Adjustment Adapter
NO.:SQA-ALDA
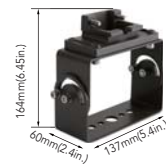Finish: Dark Bronze
Description: Adjustable pole mount kit

Adjustable Arm Mount Kit
NO.:SQADAL08-A
Finish: Dark Bronze
Description: Adjustable pole mount kit, suitable for 4" & 5" square or round pole

Wall Mount Installation kit
NO.:WMAL01DA
Finish: Dark Bronze
Description: Suitable for Wall Mount install

203mm(7.99in.)
152mm(5.98in.)

INTERNAL TENON ADAPTER FOR SQUARE & ROUND POLES

4'' Square Pole Mount With 2-3/8'' O.D. Tenon Adapter
NO.:4SQ-SP-D
Finish: Dark Bronze
Description: Pole mount single 2-3/8"O.D. tenon, top mount vertical for 4" square pole

O.D: 60mm(2-3/8in.)
102mm(4in.)
184mm(7.23in.)
76mm(3in.)
91mm (3.58in.)

5'' Square Pole Mount With 2-3/8'' O.D. Tenon Adapter
NO.:5SQ-SP-D
Finish: Dark Bronze
Description: Pole mount single 2-3/8"O.D. tenon, top mount vertical for 5" square pole

O.D: 60mm(2-3/8in.)
127mm(5in.)
184mm(7.23in.)
74mm(3in.)
116mm (4.57in.)

4'' Round Pole Mount With 2-3/8'' O.D. Tenon Adapter
NO.:4SQR-SP-D
Finish: Dark Bronze
Description: Pole mount single 2-3/8"O.D. tenon, top mount vertical for 4" round pole

O.D: 60mm(2-3/8in.)
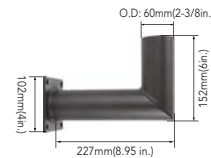219mm(8.62in.)
108mm(4.24in.)
ID: 106mm(4.2in.)

5'' Round Pole Mount With 2-3/8'' O.D. Tenon Adapter
NO.:5SQR-SP-D
Finish: Dark Bronze
Description: Pole mount single 2-3/8"O.D. tenon, top mount vertical for 5" round pole

O.D: 60mm(2-3/8in.)
219mm(8.62in.)
108mm(4.24in.)
I.D: 132mm(5.2in.)

EXTERNAL TENON BRACKET

90° Wall Mount with 2-3/8" O.D. Tenon Bracket
NO.:WM-SP-D
Finish: Dark Bronze
Description: Wall mount single 2-3/8"O.D. tenon, 90°

O.D: 60mm(2-3/8in.)
102mm(4in.)
152mm(6in.)
227mm(8.95 in.)

Horizontal Wall and Square pole mount with 2-3/8'' O.D. Tenon Bracket
NO.:SQ-SP-D
Finish: Dark Bronze
Description: Wall mount single 2-3/8"O.D. tenon

185mm(7.28in.)
180mm(7.1 in.)
O.D: 60mm(2-3/8in.)
100mm(3.94 in.)

Pole top bracket accessories Tenon & Yoke Adapter
NO.:SP-TR-D
Finish: Dark Bronze
Description: Flood Light single 2-3/8"O.D. tenon

154.5mm(6.1 in.)
102mm(4 in.)
108mm(4.24in.)
I.D: 64mm(2.52in.)

Horizontal Wall or Square or Round pole mount with 2-3/8" Tenon Bracket
NO.:SQ/R-SP-D
Finish: Dark Bronze
Description: Wall, square pole, round pole single 2-3/8"O.D. tenon

101mm(3.96in.)
115mm(4.54in.)
O.D: 60mm(2-3/8in.)
95mm(3.72in.)

ROUND EXTERNAL MOUNT HORIZONTAL TENON

Twin Spoke 90° Horizontal Tenon Adapter
NO.:R60-SP2-90-D
Finish: Dark Bronze
Description: Pole mount dual 2-3/8"O.D. tenon, top mount horizontal 90°

102mm(4in.)
184mm(7.25in.)
O.D: 60mm(2-3/8in.)
I.D: 64mm(2.52in.)

Twin Spoke 180° Horizontal Tenon Adapter
NO.:R60-SP2-180-D
Finish: Dark Bronze
Description: Pole mount dual 2-3/8"O.D. tenon, top mount horizontal 180°

102mm(4in.)
184mm(7.25in.)
O.D: 60mm(2-3/8in.)
I.D: 64mm(2.52in.)

Triple Spoke 90° Horizontal Tenon Adapter
NO.:R60-SP3-90-D
Finish: Dark Bronze
Description: Pole mount dual 2-3/8"O.D. tenon, top mount horizontal 90°

102mm(4in.)
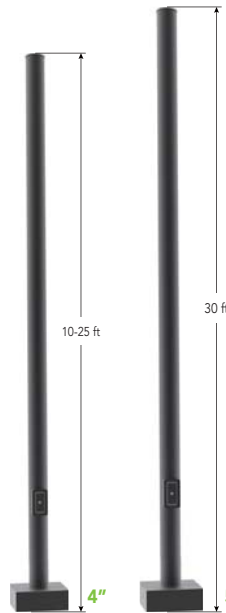184mm(7.25in.)
O.D: 60mm(2-3/8in.)
I.D: 64mm(2.52in.)

Triple Spoke 120° Horizontal Tenon Adapter
NO.:R60-SP3-120-D
Finish: Dark Bronze
Description: Pole mount dual 2-3/8"O.D. tenon, top mount horizontal 120°

102mm(4in.)
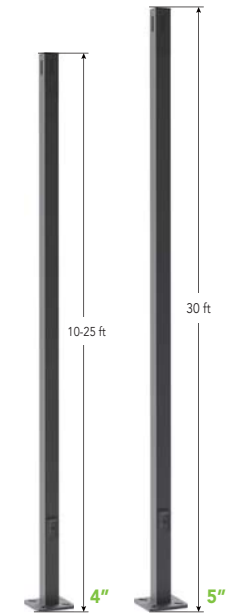184mm(7.25in.)
O.D: 60mm(2-3/8in.)
I.D: 64mm(2.52in.)

Quad spoke 90° Horizontal Tenon Adapter
NO.:R60-SP4-90-D
Finish: Dark Bronze
Description: Pole mount dual 2-3/8"O.D. tenon, top mount horizontal 90°

102mm(4in.)
184mm(7.25in.)
O.D: 60mm(2-3/8in.)
I.D: 64mm(2.52in.)

POLE

Round Pole
Finish: Dark Bronze, Black, White
Description: 4" , 5" round straight steel pole is a general purpose light pole for up 30-foot mounting heights.

10-25 ft
30 ft
4"
5"

Square Pole
Finish: Dark Bronze, Black, White
Description: 4" , 5" square straight steel pole is a general purpose light pole for up 30-foot mounting heights.

10-25 ft
30 ft
4"
5"

LED Wall Pack (VOWP01)

Cast in a traditional design, the wall packs offer a popular, classic appearance with energy-efficient LED technology. These LED wall packs were designed to look exactly the same as our traditional HID wall packs, so you can easily upgrade without leaving behind any unsightly discoloration from the old fixture. Ideal for outdoor applications such as security, building entryways and walkway

Housing
▪ Rugged die-cast aluminum, corrosion-resistant housing
▪ Dark bronze polyester powder-coat finish

LEDs
▪ LM-80 certified high performance and reliable LEDs

Electrical
▪ Universal 120-277/347/480 VAC input voltage

Mounting
▪ Junction box or wall mount

UL listing
▪ Wet location

Recommended Use
▪ Pathway
▪ Building entryways
▪ Perimeter lighting

Medium Size 30W&45W&70W
Dimensions:14.2x9.25x7.2in.

Large Size 90W&135W
Dimensions:18x9.75x8.72in.
Available with **480V**

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP0130W27V50KD	5000K	30W	3,400 lm	113 lm/W	100W MH
VOWP0145W27V50KD	5000K	45W	5,300 lm	117 lm/W	175W MH
VOWP0170W27V50KD	5000K	70W	8,100 lm	115 lm/W	250W MH
VOWP0190W27V50KD	5000K	90W	11,200 lm	124 lm/W	320W MH
VOWP01135W27V50KD	5000K	135W	16,400 lm	121 lm/W	400W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Emergency Battery Backup
NO. EB-8W/90min-1
USE： 900lm 90min.
Only suitable for 45W,70W

LED Full Cutoff Wall Pack (VOWP02)

The full cutoff LED wall pack provides a durable and efficient exterior light source for any application requiring maximum performance and minimum maintenance. The rugged, die-cast aluminum housing makes the Wall Pack virtually impenetrable to contaminants. Our building mounted outdoor lighting products are perfect for pedestrian and parking areas, walkways, garages, stairways, perimeter and other outdoor spaces requiring additional safety and security.

Housing
▪ Rugged die-cast aluminum, corrosion-resistant housing
▪ Dark bronze polyester powder-coat finish

LEDs
▪ LM-80 certified high performance and reliable LEDs

Electrical
▪ Universal 120-277/347-480 VAC input voltage

Mounting
▪ Junction box or wall mount

UL listing
▪ Wet location

Recommended Use
▪ Pathway
▪ Building entryways
▪ Perimeter lighting

Medium Size 27W&45W&70W
Dimensions:14.2x9.26x7.98in.

Large Size 90W&135W
Dimensions:18.1x9.75x9in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP0227W27V50KD	5000K	27W	3,950 lm	146 lm/W	100W MH
VOWP0245W27V50KD	5000K	45W	6,450 lm	143 lm/W	175W MH
VOWP0270W27V50KD	5000K	70W	9,900 lm	141 lm/W	250W MH
VOWP0290W27V50KD	5000K	90W	12,200 lm	136 lm/W	320W MH
VOWP02135W27V50KD	5000K	135W	18,000 lm	133 lm/W	400W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Emergency Battery Backup
NO. EB-8W/90min-1
USE： 900lm 90min.
Only suitable for 27W,45W,70W

LED Wall Pack (VOWP04)

As versatile as it is efficient, VOWP04 is designed to replace up to 400W metal halide while saving up to 87% in energy costs. The brand new VOWP04 series provides enhanced end-user experiences and unmatched energy savings. The long life LEDs and driver make this fixture nearly maintenance-free. The classic architectural shape of the WP04 series was designed for applications such as roadway lighting, building entrances, schools, tunnels, factories and loading docks.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish
- Glass lens optional

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277/347-480 VAC input voltage
- 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Junction box or wall mount (No need to open driver box)

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Wall Pack 27W&45W&62W&90W&115W
Dimensions:11.95x7.7x6.23in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP0427W27V50KDD	5000K	27W	3,450 lm	128 lm/W	100W MH
VOWP0445W27V50KDD	5000K	45W	5,600 lm	124 lm/W	175W MH
VOWP0462W27V50KDD	5000K	62W	7,800 lm	126 lm/W	250W MH
VOWP0490W27V50KDD	5000K	90W	11,000 lm	122 lm/W	320W MH
VOWP04115W27V50KDD	5000K	115W	14,500 lm	126 lm/W	400W MH

Accessories
Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
NO. EB-8W/90min-1
USE: 900lm 90min.
Only suitable for 27W,45W,62W

LED Wall Pack (VOWP06)

VOWP06 series has too sizes and 3,400 to 15,550 lumens, combined with a comprehensive variety of battery backup, controls, and other options to meet your specification or building code. Ideal for outdoor applications such as security, building entryways and walkway

Medium Size 30W&45W&70W
Dimensions:14.2x9.25x7.95in.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Large Size 90W&135W
Dimensions:18x9.75x9.27in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP0630W27V50KD	5000K	30W	3,400 lm	113 lm/W	100W MH
VOWP0645W27V50KD	5000K	45W	4,950 lm	110 lm/W	175W MH
VOWP0670W27V50KD	5000K	70W	7,900 lm	113 lm/W	250W MH
VOWP0690W27V50KD	5000K	90W	9,950 lm	111 lm/W	320W MH
VOWP06135W27V50KD	5000K	135W	15,550 lm	115 lm/W	400W MH

Accessories
Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
NO. EB-8W/90min-1
USE: 900lm 90min.
Only suitable for 45W,70W,90W

LED Full Cutoff Wall Pack (VOWP07)

The full cutoff LED wall pack is easily customizable to fit every building's design aesthetic and a mix of architectural styling and energy savings. The rugged, die-cast aluminum housing makes the wall pack virtually impenetrable to contaminants. Our building mounted outdoor lighting products are perfect for pedestrian and parking areas, walkways, garages, stairways, perimeter and other outdoor spaces requiring additional safety and security.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs
- Optional for CCT adjustable:3000K, 4000K, 5000K

Electrical
- Universal 120-277/347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming
- Optional for 4 positions wattage regulation

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Medium Size 27W&45W&70W&125W
Dimensions:14.2x9.25x8.78in.

Large Size 90W&135W
Dimensions:18.1x9.75x9.53in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP0727W27V50KDD	5000K	27W	3,750 lm	139 lm/W	100W MH
VOWP0745W27V50KDD	5000K	45W	6,100 lm	136 lm/W	175W MH
VOWP0770W27V50KDD	5000K	70W	9,450 lm	135 lm/W	250W MH
VOWP0790W27V50KDD	5000K	90W	12,200 lm	136 lm/W	320W MH
VOWP07135W27V50KDD	5000K	135W	18,000 lm	133 lm/W	400W MH

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOWP0770W27VDDKDAD	3000K/4000K/5000K	Max 70W	Max 11,000 lm	157 lm/W	250W MH
VOWP07125W27VDDKDAD	3000K/4000K/5000K	Max 125W	Max 19,000 lm	152 lm/W	400W MH
VOWP07135W27VDDKDAD	3000K/4000K/5000K	Max 135W	Max 20,000 lm	148 lm/W	400W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
NO. EB-8W/90min-1
USE：900lm 90min.
Only suitable for 27W,45W,70W,90W

LED Wall Pack (VOWP08)

VOWP08 efficiently deliver lumens and consume less energy than traditional wall pack MH technologies. A traditional non-cutoff design offers best vertical illuminations. This versatile luminaire is ideal for replacing existing MH fixtures. Applications: Security, pathway and perimeter lighting Building entryways and walkways.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage
- CCT and power adjustable for 65W and 100W

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Wall Pack
30W&40W&65W&90W&100W&125W
Dimensions:14.2x9.25x7.2in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP0830W27V50KD	5000K	30W	3,500 lm	117 lm/W	100W MH
VOWP0840W27V50KD	5000K	40W	5,100 lm	127 lm/W	175W MH
VOWP0865W27V50KD	5000K	65W	7,900 lm	121 lm/W	250W MH
VOWP0890W27V50KD	5000K	90W	10,500 lm	117 lm/W	320W MH
VOWP08125W27V50KD	5000K	125W	15,000 lm	120 lm/W	400W MH

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOWP0865W27VDDKD	3000K/4000K/5000K	Max 65W	Max 7,900 lm	122 lm/W	250W MH
VOWP08100W27VDDKD	3000K/4000K/5000K	Max 100W	Max 12,000 lm	120 lm/W	400W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Emergency Battery Backup
NO. EB-8W/90min-1
USE：900lm 90min.
Only suitable for 30W,40W,65W

LED Full Cutoff Wall Pack (VOWP10)

The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire. Well-crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. 0 to +90° tilt adjustments. The classic architectural shape of VOWP10 series was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage
- 0-10V dimming allowing for 10% to 100% dimming optional

Mounting
- Junction box or wall mount

UL listing
- Wet location

IP65
- IP65 rated fixture

Recommended Use
- Security and pathway
- Perimeter lighting
- Building entryways
- Walkways

Small size **27W&40W**
Dimensions: 7.29x9.13x4.2in.

Medium size **67W&80W**
Dimensions: 10x11x5.1in.

Head tilts 0 to 90° degree

Replaces up to 320W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP1027W27V50KD	5000K	27W	3,600 lm	133 lm/W	100W MH
VOWP1040W27V50KD	5000K	40W	5,200 lm	130 lm/W	175W MH
VOWP1067W27V50KD	5000K	67W	8,800 lm	131 lm/W	250W MH
VOWP1080W27V50KDD	5000K	80W	10,500 lm	131 lm/W	320W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

LED Full Cutoff Wall Pack (VOWP12)

VOWP12 series designed to meet contractor's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in one size with lumen packages ranging from 3,950 to 12,200 lumens, providing a true site-wide solution.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277/347-480 VAC input voltage

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Medium size **27W&45W&70W&90W**
Dimensions: 14.2x9.25x8.2in.

Replaces up to 320W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP1227W27V50KD	5000K	27W	3,950 lm	146 lm/W	100W MH
VOWP1245W27V50KD	5000K	45W	6,450 lm	143 lm/W	175W MH
VOWP1270W27V50KD	5000K	70W	9,900 lm	141 lm/W	250W MH
VOWP1290W27V50KD	5000K	90W	12,200 lm	136 lm/W	320W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Emergency Battery Backup
NO. EB-8W/90min-1
USE: 900lm 90min.
Only suitable for 27W,45W,70W

LED Full Cutoff Wall Pack (VOWP13)

Cast in a modern and low-profile design, VOWP13 series is easily customized to fit every building's design aesthetic and a mix of architectural styling and energy savings. Available in two sizes, VOWP13 family delivers 3,800 to 13,800 lumens with a wide, uniform distribution. It's ideal for illuminating commercial office buildings,warehouses, campuses, shopping malls and other office complexes.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs
- Optional for CCT adjustable:3000K, 4000K, 5000K.

Electrical
- Universal 120-277/347-480VAC input voltage
- 0-10V dimming allowing for 10% to 100% dimming optional
- Optional for 4 positions wattage regulation.

Mounting
- Junction box (No need to open driver box)

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Small size 27W&45W
Dimensions:8.8x7.9x6.5in.

Large size 70W&100W
Dimensions:14.2x10.1x6.6in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOWP1327W27V50KD	5000K	27W	3,600 lm	133 lm/W	100W MH
VOWP1345W27V50KD	5000K	45W	5,800 lm	129 lm/W	175W MH
VOWP1370W27V50KD	5000K	70W	9,100 lm	130 lm/W	250W MH
VOWP13100W27V50KD	5000K	100W	13,400 lm	134 lm/W	400W MH

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOWP1345W27VDDKDAD	3000K/4000K/5000K	Max 45W	Max 6,200 lm	138 lm/W	250W MH
VOWP13100W27VDDKDAD	3000K/4000K/5000K	Max 100W	Max 14,500 lm	145 lm/W	400W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Occupancy Sensor
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
USE: It can be pre-installed in factory or field installed

Surface-Mounted Back Box
USE: Easy to install to recessed J-box or surface mount.

LED Wall Pack (VOWP14)

VOWP14 series is high end design of our Wallpack category, which is CCT and Power selectable, the installation can be done without opening the driver box, further more Photocell, Sensor and Emergency back up are also available for this version. As versatile as it is efficient, VOWP14 is designed to replace up to 400W metal halide while saving up to 87% in energy costs. The classic architectural shape of the WP14 series was designed for applications such as Hotel, Restaurants, Schools, Office, warehouse and other commerical buldings.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish
- Glass lens optional

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming
- CCT and Power adjustable

Mounting
- Junction box (No need to open driver box)

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Small size 27W/45W/62W
Dimensions:12x7.7x7.1in.

Glass lens

Large size 70W/100W
Dimensions:14.2x9.3x7.7in.

Glass lens

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOWP1427W27VDDKD	3000K/4000K/5000K	Max 27W	Max 3,600 lm	133 lm/W	100W MH
VOWP1445W27VDDKD	3000K/4000K/5000K	Max 45W	Max 5,900 lm	131 lm/W	175W MH
VOWP1462W27VDDKD	3000K/4000K/5000K	Max 62W	Max 8,100 lm	131 lm/W	250W MH
VOWP1470W27VDDKD	3000K/4000K/5000K	Max 70W	Max 9,600 lm	137 lm/W	250W MH
VOWP14100W27VDDKD	3000K/4000K/5000K	Max 100W	Max 13,200 lm	132 lm/W	400W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Occupancy Sensor
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
USE: It can be pre-installed in factory or field installed
Only suitable for 27W,45W,62W,70W

Power and CCT controller
USE: The wattage and CCT can be changed by switch selection on the controller.

LED Full Cutoff Wall Pack (VOWP15)

The brand-new VOWP15 series of LED Wall Pack, available only in two size and the power from 26W to 135W, can replace up to 400W MH. Uniform light distribution and excellent LED lumen maintenance rate, high energy efficiency, low cost, while taking into account the stylish design, ensure that the fixture has a long service life. VOWP15 also has on-site dimmable output and CCT settings, allowing the contractor to set the lumen value and CCT of the fixture at the installation site to a level that is perfectly suitable for the work site. Emergency egress battery and light control are optional, which is an ideal choice to meet any daily wall-mounted lighting applications.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 or 347-480 VAC input voltage
- Optional for 0-10V dimming allowing for 10% to 100% dimming
- Optional for CCT and Power adjustable

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Wall Pack **26W/38W/65W/135W**
Dimensions:13.2in.x9.6in.x3.8in.

Wall Pack **100W**
Dimensions:13.2in.x9.6in.x5.0in.

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOWP1526W27VDDKD	3000K/4000K/5000K	Max 26W	Max 4,000 lm	154 lm/W	100W MH
VOWP1538W27VDDKD	3000K/4000K/5000K	Max 38W	Max 6,000 lm	158 lm/W	175W MH
VOWP1565W27VDDKD	3000K/4000K/5000K	Max 65W	Max 10,000 lm	154 lm/W	250W MH
VOWP15100W27VDDKD	3000K/4000K/5000K	Max 100W	Max 15,500 lm	155 lm/W	250W MH
VOWP15135W27V40KD	4000K	Max 135W	Max 20,000 lm	148 lm/W	400W MH

Accessories

Photocell
USE: Photocell can be pre-installed in factory.

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

PIR Sensor, 120-277V
Description: External sensor can be pre-installed in factory or field installed

Emergency Battery Backup
USE: It can be pre-installed in factory or field installed
Only suit for 26W, 38W, 65W.

Power and CCT controller
USE: The wattage and CCT can be changed byswitch selection on the controller.
Optional for 26W, 38W, 65W, 100W.

LED Wall Pack (VOWP16)

VOWP16, with its ultra-thin design, is a standard wall pack that provides excellent lighting service while meeting the low-budget requirements of customers. Its smooth and low-profile appearance seamlessly integrates into various architectural styles without being obtrusive. It offers two sizes that completely cover the unsightly stains left by typical metal halide wall packs. Additionally, the MWP16 supports on-site adjustment of light output and color temperature, greatly improving installation and stocking flexibility. With options of UV-resistant polycarbonate lenses and durable glass lenses, as well as features like photocell control and emergency lighting, it is the ideal choice for illuminating commercial office buildings, warehouses, campuses, shopping malls, and other office complexes.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 or 347-480 VAC input voltage
- Optional for 0-10V dimming allowing for 10% to 100% dimming
- 4 positions wattage regulation for each model

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Wall Pack **60W**
Dimensions:14.2in.x9.25in.x4.43in.

Wall Pack **120W**
Dimensions:18in.x9.75in.x4.5in.

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOWP1660W27VDDKDAD	3000K/4000K/5000K	Max 60W	Max 8,500 lm	142 lm/W	250W MH
VOWP16120W27VDDKDAD	3000K/4000K/5000K	Max 120W	Max 16,500 lm	138 lm/W	400W MH

Accessories

120-277V Integrated Photocell
USE: Photocell can be pre-installed in the factory before shipment

Photocell Cap
Description: Photocell Enable/Disable

Emergency Battery Backup
USE: It can be pre-installed in factory or field installed.
8W 900lm 90min

Power and CCT controller
USE: The wattage and CCT can be changed byswitch selection on the controller.

LED Wall Mount (VOWM01)

The LED wall mount luminaire provides a flush-mounted, architectural design with high performing energy efficient illumination resulting in up to 88 percent energy savings. VOWM01 replaces up to 120W incandescent, making it ideal for pathway, building entrances and perimeter lighting.

Clear Lens   **Frosted Lens**

Dimensions: 8.37x5.47x3.46in.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage

Mounting
- Junction box or wall mount

UL listing
- Wet location

Recommended Use
- Pathway
- Building entryways
- Perimeter lighting

Replaces up to 50W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces	Lens
VOWM15W27V50KD	5000K	15W	1,750 lm	117 lm/W	100W Incandescent	Clear Lens
VOWM17W27V50KD	5000K	17W	1,950 lm	115 lm/W	120W Incandescent	Clear Lens
VOWM25W27V50KD	5000K	25W	2,600 lm	104 lm/W	50W MH	Clear Lens
VOWM15W27V50KDF	5000K	15W	1,820 lm	121 lm/W	100W Incandescent	Frosted Lens
VOWM17W27V50KDF	5000K	17W	2,000 lm	118 lm/W	120W Incandescent	Frosted Lens
VOWM25W27V50KDF	5000K	25W	2,700 lm	108 lm/W	50W MH	Frosted Lens

LED Roadway Light (VORL01)

VAOPTO LED roadway luminaire provides uncompromising optical performance and outstanding versatility for a wide variety of area and roadway applications. Our customer focused features include single latch tool-less entry, industry leading surge protection options and superior lumen maintenance and performance, all in an economical design. It is ideal for illuminating walkways, parking lots and roadways.

45W&70W&100W&150W
Dimensions: 23.84x10.43x6.48in.

Pre-listed by Texas DOT

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Silver Gray polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Pole mount

UL listing
- Wet location

Recommended Use
- Walkways
- Parking lots
- Roadways

Distribution
- Type Ⅱ, Ⅲ

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VORL0145W27V40KSGT3	4000K	45W	6,350 lm	141 lm/W	175W MH
VORL0170W27V40KSGT3	4000K	70W	9,400 lm	134 lm/W	250W MH
VORL01100W27V40KSGT3	4000K	100W	13,800 lm	138 lm/W	320W MH
VORL01150W27V40KSGT3	4000K	150W	20,000 lm	133 lm/W	400W MH

Accessories

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell
USE: Photocell is field installed or pre-installed in factory by requesting

LED Roadway Light (VORL02)

VOMRL02 is designed to replace up to 400W MH, it provides excellent optical performance for a variety of area and road applications. VORL02 series can reduce energy costs by up to 65%, coupled with low maintenance costs, further reducing budget costs, meeting customers' low budgets while having high-quality lighting. It also provides photocell,sensor and surge protection options, as well as excellent lumen maintenance, the VORL02 is ideal for sidewalks, parking lots and roads.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Silver Gray polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming
- 10kA(@120-277V) / 20KA(@347-480V) surge protection available.

Mounting
- Pole mount

UL listing
- Wet location

Ambient Temperature
- Ambient operating temperature -40˚ C to 40 ˚ C

Recommended Use
- Walkways
- Parking lots
- Roadways

Distribution
- Type Ⅱ, Ⅲ, Ⅳ

70W&105W
Dimensions: 20.8x8.14x4.27in.

150W
Dimensions: 23.84x10.43x6.48in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VORL0270W27V40KSGT3	4000K	70W	9,900 lm	141 lm/W	250W MH
VORL02105W27V40KSGT3	4000K	105W	14,600 lm	139 lm/W	320W MH
VORL02150W27V40KSGT3	4000K	150W	20,000 lm	133 lm/W	400W MH

Accessories

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell (Only suitable for 150W)
USE: Photocell is field installed or pre-installed in factory by requesting

Photocell (Only suitable for 70W&105W)
USE: Photocell is field installed or pre-installed in factory by requesting

LED Dusk To Dawn (VODD01)

The LED Dusk to Dawn combines optical performance, energy efficiency and versatility to meet the needs of any area. By providing industry-leading efficacy of up to 142 lumens per watt and an industry-leading 5-year limited warranty, VODD01 maintains the same great benefits of the family line. While its lightweight design, tool-less entry, and easy installation make the luminaire an ideal solution for any contractor.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze/Silver Gray polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage

Mounting
- Pole mount or wall mount

UL listing
- Wet location

Recommended Use
- Walkways
- Parking lots
- Roadways

Dusk To Dawn 45W&70W
Dimensions: 15.75x8.97x7.64in.

Replaces up to 175W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VODDI1ST45W27V50KA	5000K	45W	6,400 lm	142 lm/W	100W MH
VODD01SG ST70W27V50KASG	5000K	70W	9,600 lm	137 lm/W	175W MH

Accessories

Mounting arm kit
USE: For pole mounting

Photocell
USE: Photocell is field installed or pre-installed in factory by requesting

LED Dusk To Dawn (VODD04)

Replace those old "barn lights" with the powerful, energy-efficient Dusk to Dawn LED luminaires that consumes less than 20 watts, providing energy savings of up to 75%. Featuring a classic dayform, the VODD04 LED offers a fresh update to a traditional appearance and is powered by advanced photocell, which makes it ideal for walkways parking lots and warehouses.

20W&40W
Dimensions: 10.8x7.9x4.3in.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze/Silver Gray polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120V VAC input voltage

Mounting
- Pole mount or wall mount

UL listing
- Wet location

Recommended Use
- Walkways
- Parking lots
- Roadways

Replaces up to 175W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VODD0420W12V50KSGP1	5000K	20W	2,100 lm	105 lm/W	50W MH
VODD0440W12V50KSGP1	5000K	40W	4,200 lm	105 lm/W	100W MH

Accessories

Mounting arm kit
USE: For pole mounting

LED Dusk To Dawn (VODD05)

The energy savings, long life and easy-to-install design of the VODD05 series make it the smart choice for building-and post-mounted doorway, pathway, barn and yard illumination for nearly any facility.

45W&65W&90W
Dimensions: 14.2x7.9x7.6in.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze/Silver Gray polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage

Mounting
- Pole mount or wall mount
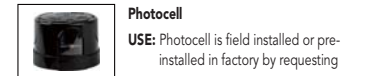
UL listing
- Wet location

Recommended Use
- Walkways
- Parking lots
- Roadways

Replaces up to 250W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VODD0545W27V50KSGP0	5000K	45W	6,200 lm	138 lm/W	100W MH
VODD0565W27V50KSGP0	5000K	65W	8,800 lm	135 lm/W	175W MH
VODD0590W27V50KSGP0	5000K	90W	12,200 lm	136 lm/W	250W MH

Accessories

Mounting arm kit
USE: For pole mounting

Photocell
USE: Photocell is field installed or pre-installed in factory by requesting

LED Flood Light (VOFD03)

The mini LED floodlight provides energy-efficient small area floodlighting solutions. Wall mount or trunnion mounting plus adjustable knuckle provides mounting flexibility. This powerful LED luminaire is the perfect choice for many floodlighting applications including: walkways, landscape, facade, or small area illumination.

15W
Dimensions:
5.93x4.72x1.45in.
(Knuckle & Trunnion)

16W
Dimensions:
5.95x4.72x1.2in.
(Knuckle & Trunnion)

30W
Dimensions:
6.15x7.73x1.7in.
(Knuckle & Trunnion &
Wall mount)

45W
Dimensions:
8.26x8.11x2.4in.
(Knuckle & Trunnion &
Wall mount)

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze/Silver Gray polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120 or 120-277 VAC input voltage

Mounting
- Knuckle mount, Trunnion mount or Wall mount

UL listing
- Wet location

IP65
- IP65 rated fixture

Recommended Use
- Landscape
- Building facades
- Commercial lighting

MOUNTING

1/2" Knuckle Mount
Die-cast aluminum knuckle provides flexibilityin mounting from a variety of areas.

Trunnion Mount
Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.

Wall Mount (30W & 45W)
Wall Mount is easy to install for direct wall mounting with 1/2' conduit wiring or standard J-box mounting

Replaces up to 175W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOFD15W27V50KBDB77	5000K	15W	1,500 lm	100 lm/W	50W MH
VOFD30W27V50KBDB77	5000K	30W	3,000 lm	100 lm/W	100W MH
VOFD45W27V50KBDB77	5000K	45W	5,400 lm	120 lm/W	175W MH

ECONOMICAL

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOFD0316W12V50KDB76KN	5000K	16W	1,600 lm	100 lm/W	50W MH

LED Flood Light (VOFD07)

Ultra compact LED high performance architectural styled energy-efficient floodlights available a variety of colors, feature multiple NEMA beam spreads, excellent uniformity, photocontrol and shielding options for optimum performance and energy savings. Ideal for use in walkways, landscape, façade and wall washing

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Wall mount, slipfitter or trunnion(Yoke)

UL listing
- Wet location

IP65
- IP65 rated fixture

Recommended Use
- Landscape
- Building facades
- Commercial lighting

Small Size
40W/70W/100W
Dimensions:
17.46x9.25x2.46in

Medium Size
150W/200W
Dimensions:
20.22x12.24x2.46in.

Large Size
250W/300W
Dimensions:
28.13x12.24x2.46in.

Replaces up to 1000W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOFD0740W27V50KBDB77	5000K	40W	5,720 lm	143 lm/W	175W MH
VOFD0770W27V50KBDB77	5000K	70W	9,800 lm	140 lm/W	250W MH
VOFD07100W27V50KBDB77	5000K	100W	13,900 lm	139 lm/W	320W MH
VOFD07150W27V50KBDB77	5000K	150W	20,800 lm	139 lm/W	400W MH
VOFD07200W27V50KBDB77	5000K	200W	26,000 lm	130 lm/W	400W MH
VOFD07250W27V50KBDB77	5000K	250W	35,250 lm	141 lm/W	750W MH
VOFD07300W27V50KBDB77	5000K	300W	42,000 lm	140 lm/W	1000W MH

Accessories

Photocell
USE: Photocell is field installed or pre-installed in factory by requesting

LED Flood Light (VOFD08)

VOFD08 luminaire is a high performance LED lighting solution designed with optical versatility and a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, watertight LED driver compartment and high performance aluminum heat sinks. Markets include parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- 0-10V dimming allowing for 10% to 100% dimming optional

Mounting
- Knuckle mount, Slipfitter mount, Yoke mount, Trunnion mount

UL listing
- Wet location

Recommended Use
- Landscape
- Building facades
- Commercial lighting

Distribution
- 4Hx4V, 7Hx6V

15W&27W
Dimensions:
6.58x6x2.55in.

45W&60W
Dimensions:
6.56x8.47x3.12in.

70W&100W
Dimensions:
13.19x12x3.88in.

135W&200W
Dimensions:
15.97x14.53x4.41in.

250W&350W
Dimensions:19.27x16.64x5.23in.

Replaces up to 1000W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOFD0815W27V50KDB76KN	5000K	15W	2,000 lm	133 lm/W	50W MH
VOFD0827W27V50KDB76KN	5000K	27W	3,600 lm	133 lm/W	100W MH
VOFD0845W27V50KDB76KN	5000K	45W	5,650 lm	126 lm/W	175W MH
VOFD0860W27V50KDB76KN	5000K	60W	7,450 lm	124 lm/W	250W MH
VOFD0870W27V50KDB76SP	5000K	70W	8,900 lm	127 lm/W	250W MH
VOFD08100W27V50KDDB76SP	5000K	100W	13,300 lm	133 lm/W	320W MH
VOFD08135W27V50KDDB76SP	5000K	135W	18,000 lm	133 lm/W	320W MH
VOFD08200W27V50KDDB76SP	5000K	200W	26,200 lm	131 lm/W	400W MH
VOFD08250W27V50KDDB76TR	5000K	250W	34,500 lm	138 lm/W	750W MH
VOFD08350W27V50KDDB76TR	5000K	350W	50,000 lm	143 lm/W	1000W MH

Accessories

Photocell - Button, 120-277V
USE: Photocell is field installed or Pre-installed in factory by requesting

Flood Light VOFD09)

Die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Scalable Lumen Packages from 14,900 to 51,100 Lumens replaces up to 1000W Metal Halide. A variety of mounting options are also available including wall mount, slipfitter and trunnion.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Wall mount, slipfitter or trunnion(Yoke)

UL listing
- Wet location

Recommended Use
- Landscape
- Building facades
- Commercial lighting

Distribution
- 6Hx7V, 7Hx7V

100&150W&200W
Dimensions: 20.85x12.99x3.15in.

240W&300W&350W
Dimensions: 26.58x14.29x3.15in.

Replaces up to 1000W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOFD09100W27V50KBDB77	5000K	100W	14,800 lm	148 lm/W	320W MH
VOFD09150W27V50KBDB77	5000K	150W	22,200 lm	148 lm/W	400W MH
VOFD09200W27V50KBDB77	5000K	200W	28,800 lm	144 lm/W	400W MH
VOFD09240W27V50KBDB77	5000K	240W	35,500 lm	148 lm/W	750W MH
VOFD09300W27V50KBDB77	5000K	300W	43,700 lm	146 lm/W	1000W MH
VOFD09350W27V50KBDB77	5000K	350W	51,000 lm	146 lm/W	1000W MH

Accessories

Photocell
USE: Photocell is field installed or pre-installed in factory by requesting

Flood Light (VOFD11)

VOFD11 aims to provide customers with an economical, efficient, flexible and long-life floodlight. The low-profile and stylish exterior design can be well integrated into various architectural environments. Available in three sizes and multiple lumen packages from 15W-120W, this product also achieve up to 161lm/W efficiency. At the same time, it takes into account the functions of light control, CCT & Power adjustable, which can save energy to the greatest extent and facilitate customer stocking. Reliable IP65 structural design, VOFD11 is very suitable for general flood lighting of courtyards, driveways, buildings, billboards, etc.

Housing
- Rugged die-cast aluminum, corrosion-resistant housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC or 120-347 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming
- Optional for CCT and Power adjustable

Mounting
- 1/2" NPS Knuckle, Slipfitter, Trunnion and Yoke

UL listing
- Wet location

Recommended Use
- Landscape
- Building facades
- Commercial lighting

15W&27W Dimensions: 8.51x6.78x1.85in.

40W&65W Dimensions: 9.49x8.77x2in.

90W&120W Dimensions: 18.36x10.49x3.3in.

Replaces up to 400W MH fixtures.

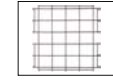| SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOFD1115W27VDDKDB77	3000K/4000K/5000K	Max 15W	2,300 lm	153 lm/W	50W MH
VOFD1127W27VDDKDB77	3000K/4000K/5000K	Max 27W	3,800 lm	141 lm/W	100W MH
VOFD1140W27VDDKDB77	3000K/4000K/5000K	Max 40W	6,000 lm	150 lm/W	175W MH
VOFD1165W27VDDKDB77	3000K/4000K/5000K	Max 65W	9,700 lm	149 lm/W	250W MH
VOFD1190W27VDDKDB77	3000K/4000K/5000K	Max 90W	14,500 lm	161 lm/W	320W MH
VOFD11120W27VDDKDB77	3000K/4000K/5000K	Max 120W	19,000 lm	158 lm/W	400W MH

Accessories

Photocell USE: Photocell can be pre-installed in factory.

Power and CCT controller USE: The wattage and CCT can be changed byswitch selection on the controller.

Mounting Base Plate

Wire Guard

LED Sports Light (VOSL01)

Designed for High School, Collegiate, Recreational and Professional indoor and outdoor sports venues and outdoor stadium lighting. Heavy-Duty, lightweight and durable Die-Cast design for high wear resistance withstands harsh, extreme outdoor conditions. The highly efficient and professional LED sports light, with different NEMA distributions, deliver more foot-candles of illumination to exactly where you need.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Black polyester powder-coat finish

Electrical
- Universal 120-277V/277V-480V VAC input voltage
- Standard with 0-10V dimming

Mounting
- Trunnion

UL listing
- Wet location

Recommended Use
- General and security lighting for large areas
- Port and rail centers
- Airport apron
- Interior or exterior sports

Distribution
- 2Hx2V, 3Hx3V, 4Hx4V

Small Size

350W&505W&600W Dimensions: 18.7x20.8x16.9in.

Large Size

500W&600W 650W&850W Dimensions: 21.4x23.8x19.6in.

SMALL SIZE

SKU	CCT	Power	Light Output	Efficacy
VOSL01350W27V50KBB44TR	5000K	350W	51,000 lm	146 lm/W
VOSL01505W27V50KBB44TR	5000K	505W	70,000 lm	139 lm/W
VOSL01E600W27V50KBB44TR	5000K	600W	84,000 lm	140 lm/W

LARGE SIZE

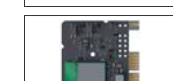| SKU	CCT	Power	Light Output	Efficacy
VOSL01500W27V50KBB44TR	5000K	500W	71,000 lm	140 lm/W
VOSL01600W27V50KBB44TR	5000K	600W	84,000 lm	140 lm/W
VOSL01650W48V50KBB44TR	5000K	650W	91,000 lm	140 lm/W
VOSL01850W48V50KBB44TR	5000K	850W	118,000 lm	139 lm/W

Accessories

Black Top Visor (Default)

Yoke Adaptor (Optional)

Aiming Sight

Bluetooth Controller (Optional)

Glare Control Shield (Optional for large size)

LED Sports Light (VOSL02)

To meet different client's lighting needs, the new generation of sports light VOSL02 series is the culmination of advanced technologies of integrated blindradiator and reflector optics , which provide industry leading glare reductionwith minimal effect on light output. Ideal for outdoor sports lighting such as municipal, school and semi-professional outdoor sports lighting. VOSL02 providesversatile lighting for football, baseball, hockey, basketball and any other outdoor sports lighting.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Black polyester powder-coat finish

Electrical
- Universal 120-277V/347-480V VAC input voltage
- Standard with 0-10V dimming

Mounting
- Trunnion

UL listing
- Wet location

Recommended Use
- General and security lighting for large areas
- Port and rail centers
- Airport apron
- Interior or exterior sports

Distribution
- 4Hx4V

360W&510W
Dimensions: 22.78x19.3x21.6in.

SKU	CCT	Power	Light Output	Efficacy
VOSL02360W27V50KBB44TR	5000K	360W	51,000 lm	142 lm/W
VOSL02510W27V50KBB44TR	5000K	510W	68,000 lm	133 lm/W

Accessories

Aiming Sight

Yoke Adaptor (Optional)

Sqaure Beam Mounting Bracket (sold separately)

Black Top Visor (Default)

LED Sports Light (VOSL03)

VOSL03 is a powerful and rugged new generation of court lights. Ideal for high school, college, recreational and professional indoor and outdoor sports venues, and other locations with high pole lighting needs such as municipal parks. To accommodate the variety of customer installations, the VOSL03 series supports remote installation drives - greatly increasing the flexibility of on-site installations and reducing EPA wind resistance.
This remote installation method is not only easy to operate during installation, but also conducive to driver access or maintenance. Precision crafted optical lenses have multiple NEMA options to provide an even and excellent lighting effect.

500W & 600W
Dimensions: 20.8x16.9x26.9in.

850W & 1200W
Dimensions: 23.8x19.7x29.8in.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Black polyester powder-coat finish

Electrical
- Universal 200-480 or 120-277 or 347-480 VAC input voltage
- Standard with 0-10V dimming

Mounting
- Trunnion

UL listing
- Wet location

Recommended Use
- General and security lighting for large areas
- Port and rail centers
- Airport apron
- Interior or exterior sports

Distribution
- 2Hx2V, 3Hx3V, 4Hx4V, 5H5V, 6H6V

SMALL SIZE

SKU	CCT	Power	Light Output	Efficacy
VOSL03500W27V50KBB44TR	5000K	500W	70,000 lm	140 lm/W
VOSL03600W27V50KBB44TR	5000K	600W	92,000 lm	153 lm/W

LARGE SIZE

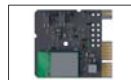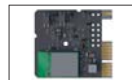| SKU	CCT	Power	Light Output	Efficacy
VOSL03850W48V50KBB44TR	5000K	850W	120,000 lm	141 lm/W
VOSL03120W48V50KBB44TR	5000K	1200W	165,000 lm	138 lm/W

Accessories

Black Top Visor (Default)

Aiming Sight

Yoke Adaptor (Optional)

Bluetooth Controller (Optional)

Sqaure Beam Mounting Bracket (sold separately)

Glare Control Shield (Optional for large size)

Extension Cord Up to 164' (50m)

Power Box Mounting Rail (sold separately)

LED Sports Light (VOSL04)

RGB sports lights are lighting fixtures that offer the ability to display multiple colors by using red, green, and blue LEDs. With the benefits of LED technology, VOSL04 offers high energy efficiency, low maintenance, and an enhanced visual experience. With its dimming function and support for remote control operation, it can create eye-catching light displays, increasing the excitement and atmosphere of sports events, and even creating an immersive synchronized lighting experience.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Black polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277/347-480VAC input voltage
- Standard with 0-10V dimming

Mounting
- Trunnion

UL listing
- Wet location

Recommended Use
- Sports place
- Entertainment venue
- Architectural landscape
- Advertising

Distribution
- 3Hx3V, 4Hx4V

500W
Dimensions: 20.8x16.9x26.9in.

RGB

SKU	RGB	Power	Light Output
	Red		12,000 lm
VOSL03500W48V50KBB44TR	Green	500W	10,000 lm
	Blue		2,000 lm

Accessories

Black Top Visor (Default)	Aiming Sight
Yoke Adaptor (Optional)	Bluetooth Controller (Optional)
Sqaure Beam Mounting Bracket (sold separately)	Power Box Mounting Rail (sold separately)
Extension Cord Up to 164' (50m)	

LED Sports Light (VOSL05)

VOSL05 is a sports light that can achieve full coverage illumination and ensure uniformity of lighting throughout the entire stadium. The reliable and durable housing provides a long service life, and the precision-designed optical lens delivers excellent and even lighting effects. When used with VAOPTO's accessories, VOSL05 supports multiple installation methods and can be quickly installed, greatly enhancing product flexibility. At the same time, the product supports remote drive control, significantly reducing maintenance costs.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Black polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 200-480 or 120-277 or 347-480 VAC input voltage
- Standard with 0-10V dimming

Mounting
- Trunnion

UL listing
- Wet location

Recommended Use
- General and security lighting for large areas
- Port and rail centers
- Airport apron
- Interior or exterior sports

Distribution
- 3Hx3V, 4Hx4V, 5H5V, 6H6V

850W & 1200W
Dimensions: 25.22x24.94x25.74in.

500W & 600W
Dimensions: 24.94x21.93x13.92in.

SKU	CCT	Power	Light Output	Efficacy
VOSL05500W27V50KBB44TR	5000K	500W	75,000 lm	150 lm/W
VOSL05600W27V50KBB44TR	5000K	600W	92,000 lm	153 lm/W
VOSL05850W27V50KBB44TR	5000K	850W	125,000 lm	147 lm/W
VOSL051200W27V50KBB44TR	5000K	1200W	180,000 lm	150 lm/W

Accessories

Black Top Visor (Default)	Aiming Sight
Yoke Adaptor (Optional)	Bluetooth Controller (Optional)
Sqaure Beam Mounting Bracket (sold separately)	Power Box Mounting Rail (sold separately)
Extension Cord Up to 164' (50m)	

Post Top Light (VOPL01)

The post top provides a unique, scalable lighting solution targeted for 8' to 20' mounting heights. Its design brings proportion to parking lots, drive lanes, entrances, building perimeters and pathways. The excellent optical design that deliver the smooth light with a very good uniformity. The structure is clean and more popular, promotes harmony between the outdoor lighting and architecture.

Housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

Mounting
- Poles or wall sconce

UL listing
- Wet location

Ambient Temperature
- Ambient operating temperature -40° C to 45° C

Recommended Use
- Building perimeters
- Pathway
- Green area

Post Top Light **45W&70W&87W&130W**
Dimensions:25xØ25.2in.

Replaces up to 400W MH fixtures.

SKU	CCT	Power	Light Output	Efficacy	Replaces
VOPL0145W27V50KD	5000K	45W	5,500 lm	121 lm/W	100W MH
VOPL0170W27V50KD	5000K	70W	8,500 lm	121 lm/W	175W MH
VOPL0187W27V50KD	5000K	87W	10,600 lm	122 lm/W	250W MH
VOPL01130W27V50KD	5000K	130W	15,800 lm	122 lm/W	400W MH

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOPL01130W27VDDKDD	3000K/4000K/5000K	Max 130W	Max 17,200 lm	132 lm/W	400W MH

Accessories

PIR Motion Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Photocell - 120V-277V 347V/480V
USE: Photocell is field installed

Bollards (VOBL01)

VAOPTO LED Bollard is a stylish, energysaving, long-life solution designed to perform the way a bollard should-with good glare light. An optical leapforward, this full cut-off luminaire will meet the most stringent of lighting codes. Its rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service. It is ideal for illuminating building entryways, walking paths and pedestrian plazas, as well as any other location requiring a low-mounting-height light source.

Housing
- Dark bronze polyester powder-coat finish

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277 VAC input voltage
- Standard with 0-10V dimming allowing for 10% to 100% dimming

UL listing
- Wet location

Ambient Temperature
- Ambient operating temperature -40° C to 45° C

Recommended Use
- Walkways
- Retail
- Apartment Complexes

Bollard Light **26W**
Dimensions:42x5.5xØ9.28in.

Replaces up to 100W MH fixtures.

SKU	Height	CCT	Power	Light Output	Efficacy	Replaces
VOBL0126W27V50KD	3.5 ft	5000K	26W	3,100 lm	119 lm/W	100W MH

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOBL0126W27VDDKD	3000K/4000K/5000K	Max 26W	Max 3,200 lm	123 lm/W	100W MH

Accessories

Emergency Battery Backup
NO. EB-8W/90min-1
USE: 900lm 90min.

Bollard base kit

Bollards VOBL02)

VOBL02, a member of VAOPTO LED Bollards family, features a sturdy die-cast housing and a stylish design, making it ideal for illuminating building entrances, pathways, pedestrian squares, and sidewalks where low installation height is required. The durable polycarbonate lens and three different top covers, and allow customers to replace light engine systems according to application needs. It also offers adjustable wattage and CCT (3000K/4000K/5000K), providing energy-saving and visually comfortable lighting solutions while greatly enhancing the flexibility and scalability of the product.

Housing
- Durable, die-cast aluminum housing with heat dissipating fins
- Dark bronze polyester powder-coat finish
- Available for three structure: square, round, Hemispherical.

LEDs
- LM-80 certified high performance and reliable LEDs

Electrical
- Universal 120-277VAC input voltage
- 0-10V dimming standard for a dimming range of 100% to 10%.

Polycarbonate
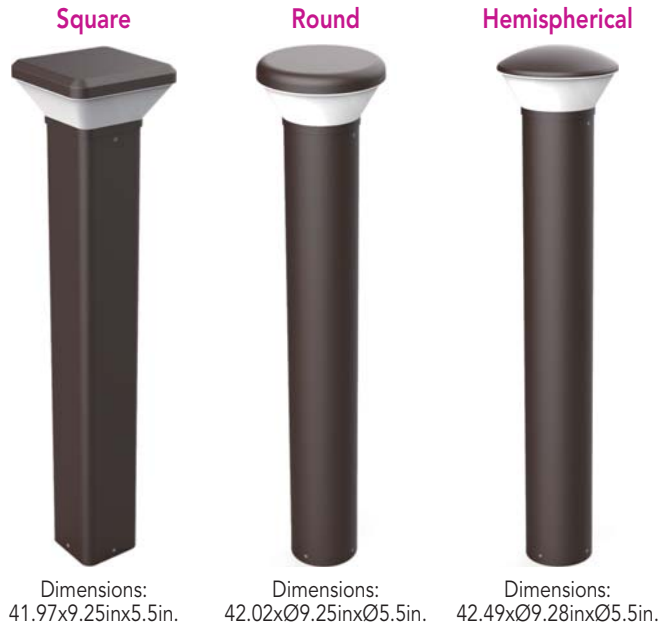- Milky Polycarbonate, Clear Polycarbonate

UL listing
- Wet location

Distribution
- Louvered, general

Recommended Use
- Walkways
- Retail
- Apartment Complexes

Square

Round

Hemispherical

Dimensions:
41.97x9.25inx5.5in.

Dimensions:
42.02xØ9.25inxØ5.5in.

Dimensions:
42.49xØ9.28inxØ5.5in.

THANKS!

Power And CCT Adjustable

SKU	CCT Select	Power Select	Light Output	Efficacy	Replaces
VOBL02S24W27VDDKDM	3000K/4000K/5000K	Max 24W	Max 3,200 lm	123 lm/W	100W MH

Accessories

Emergency Battery Backup
USE: 8W, 900lm, 90min

Bollard base kit