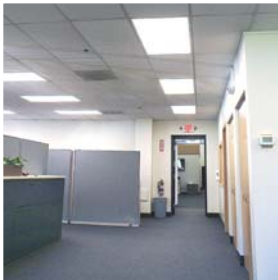
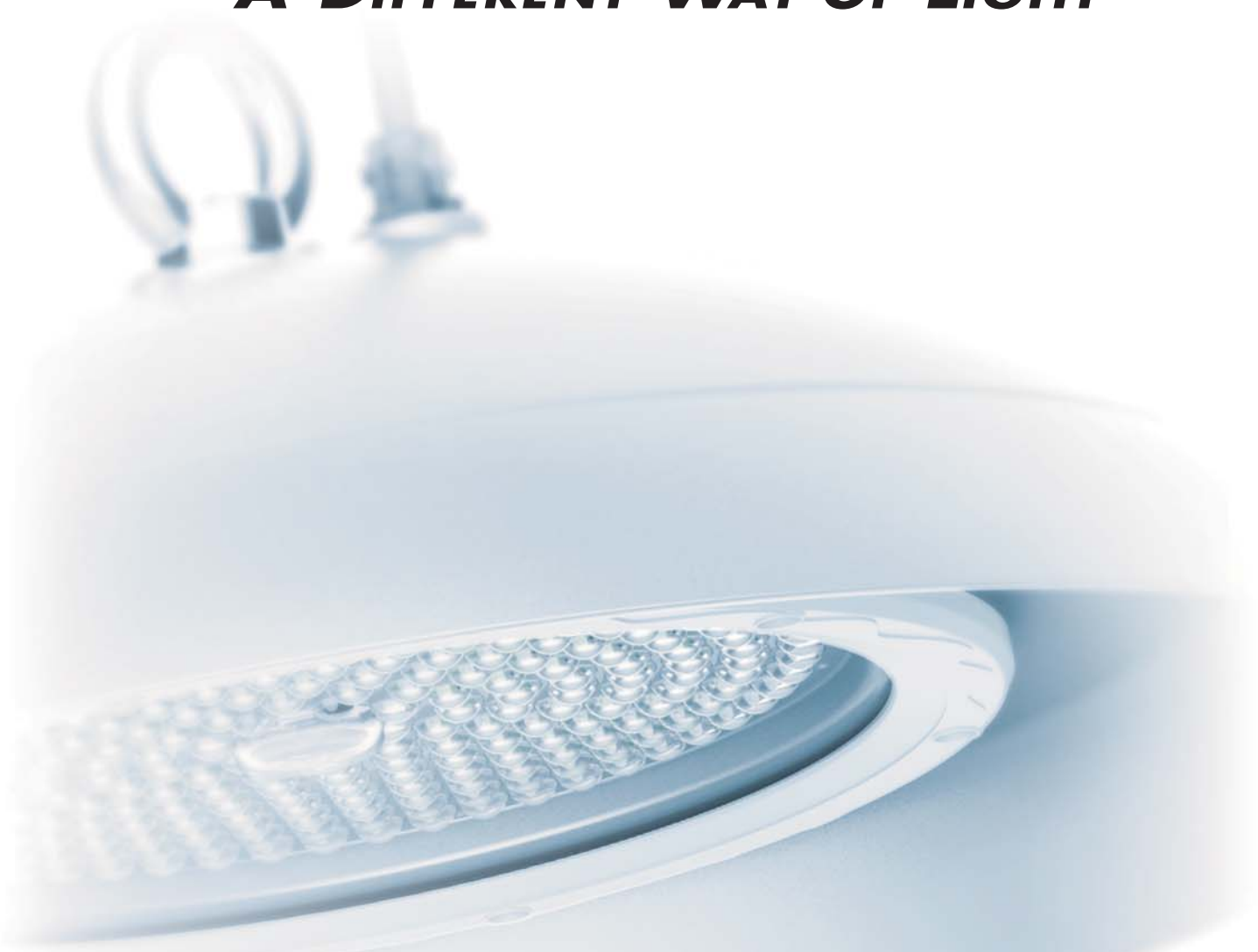




VENTURE
LIGHTING

A DIFFERENT WAY OF LIGHT



2019 CATALOG

A DIFFERENT WAY OF LIGHT

CONTENTS

Introduction	1-3
LED Interior Luminaires	
Highbays	5-12
Panels	13-15
Troffers	16-17
Wrap fixture	18
Vapor tight	19
Linear strip fixtures	20
Recessed downlights	21
Temporary lighting	22
LED Exterior Luminaires	
Wallpacks	24-27
Floods	28-30
Dusk to Dawn	31
Area	32-34
Bollards	35
Surface Mount Canopy	36
Recessed Canopy	37
Petroleum	38
Parking Garage	39-40
Tennis Lighting	41-42
LED Lamps	
Retrofit Lamps	43-46
Sensors, Controls and Poles	
Sensors and Controls	47-48
Area Lighting Pole Options	49-58
Accessories for Pole Options	59-60
HID Products	
Metal Halide Lamps	62
Metal Halide Ballasts	63
SPL Long Life Lamps	63
Sports Lamps & Ballasts	63
Natural White Lamps	64
Natural White Ballasts	64
Energy Master Lamps	64
White-Lux HPS Retrofit	64
HPS Lamps	65
HPS Ballasts	65
Capacitors	65
Replacement Ignitors	65
Warranty Information	66



Venture Lighting is a worldwide innovator, manufacturer and supplier of energy efficient lighting materials, components, systems, fixtures and controls. Since being founded in 1983 and becoming part of Advanced Lighting Technologies in 1995, Venture Lighting has always been a pioneer in light source technologies. An advocate for industry terms like “LPW” and “Lumen Maintenance”, Venture Lighting continues to be a leader in the lighting industry.

An Innovation Leader:

- Full line of LED lamps, fixtures and controls
- Low glare
- High efficacy
- Thermal management
- Precise optics
- Fixtures that are application adaptable

Customers are assured:

- The very best technology
- The highest level of service
- Ease of working with
- Dedicated technical and customer support



energy saving



longer life



superior performance



easy to install



5 year warranty



all weather location



technical support



CELEBRATING 35 YEARS OF BRILLIANCE



The lighting leader in both LED and HID that we know today as Venture Lighting was founded in October 1983. Venture was started in Ohio founded on the dedication to pioneering innovations in Metal Halide lighting technology and eventually evolved into a global company. Today, Venture Lighting International has grown in many ways.

Adapting to Different Lighting Technologies

No longer an HID-only technology company, Venture Lighting has become a worldwide innovator, manufacturer and supplier of energy efficient lighting materials, components, systems, fixtures and controls.

Venture continuously strives to offer its customers, large and small, the best lighting solutions coupled with the very best service and support. Venture has built strong customer relationships that have lasted through the years because of its dynamic and broad product lines combined with a level of customer service and technical support teams unequalled in the industry.

With over 30 years of pioneering light source technologies, Venture Lighting is an innovation-driven designer, manufacturer and marketer of energy efficient lighting products, components, systems and services. Transforming the high intensity discharge lighting industry, Venture Lighting's superb quality, world-class service and outstanding technical support continues in the very best LED lighting solutions paired with a best-in-class wireless control system and the highest level of dedicated technical and customer support on all of their products. Visit VentureLighting.com to find out more about Venture Lighting and Venture LED.



A DIFFERENT WAY OF LIGHT

Now ASSEMBLING AT THE VMRC

VENTURE *REGIONAL MANUFACTURING CENTER*



Venture Lighting is assembling its LED luminaires in the U.S.A. Currently, Venture Lighting is assembling six different LED product families: Modern highbays, Defender wallpacks, Low watt Environ area lighting, VFlood area lighting, SafeLit parking garage lighting and Bollards. Venture Lighting has always strived to exceed customer expectations, Venture believes that assembling luminaires in the USA will allow Venture to provide customers with more options and faster delivery times.

ASSEMBLED IN THE U.S.A.



Currently, Venture Lighting is assembling six different LED product families at the VRMC:

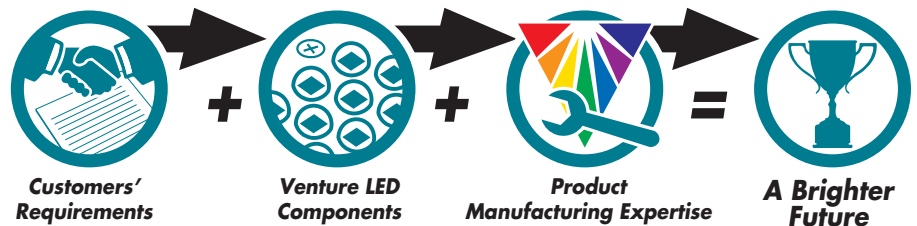


Visit Venture's YouTube Channel to watch a short video of the production of the Modern LED Highbay in Glenwillow, Ohio.

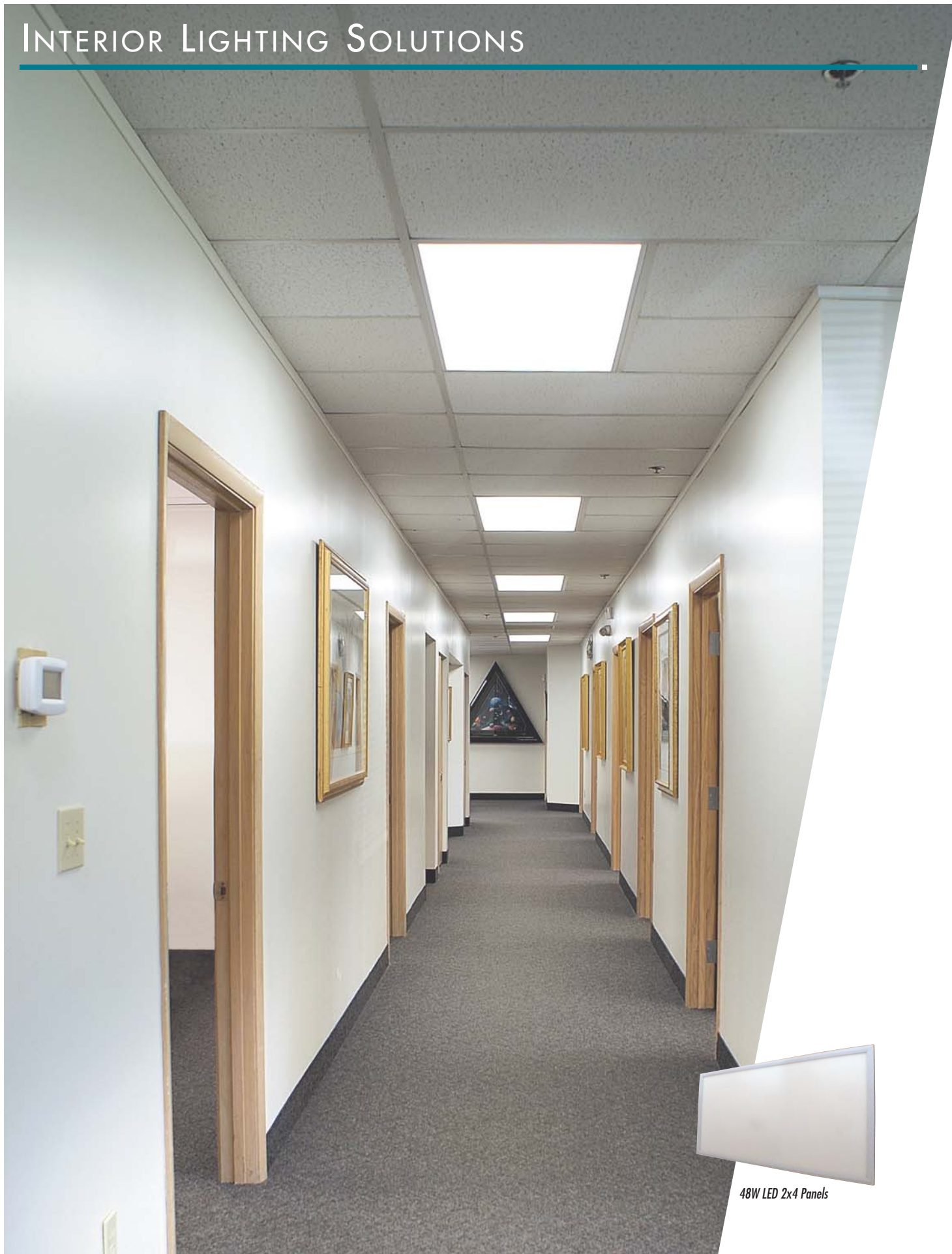
The Results

- Faster delivery time
- American quality and know-how
- More factory-installed options
- Made-to-order specifications
- Building for a better, brighter future

The Process



INTERIOR LIGHTING SOLUTIONS



48W LED 2x4 Panels

LED HIGHBAY LIGHTING

Modern

120-277V

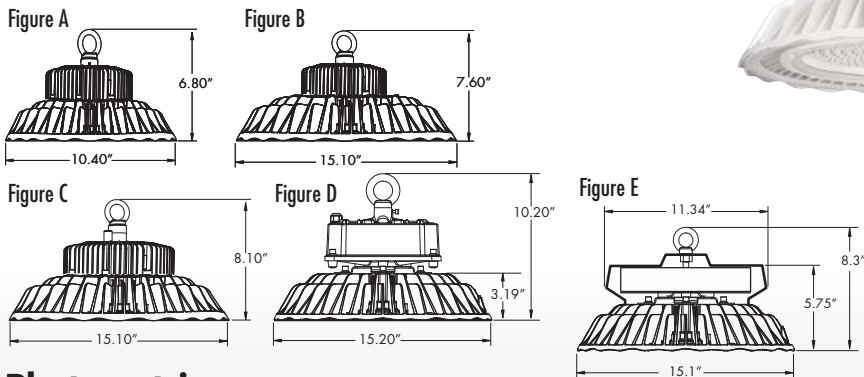
Wattage	Order Code	Lumen Output	Color Temp.	CRI	Beam Angle	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fig.	Fixt. Color	Amp. 120V	Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
90W	HB71420	9500	4000K	80	120°	92%	240,000	A	White	0.76	0.34	250W	HW-090N8-AA
90W	HB64698	11400	5000K	80	120°	92%	240,000	A	White	0.76	0.34	250W	HW-090C8-AA
150W	HB71452	15750	4000K	80	90°	92%	230,000	B	White	1.25	0.56	400W	HW-150N8-AB
150W	HB95488	19500	5000K	80	90°	92%	230,000	B	White	1.25	0.56	400W	HW-150C8-AB
200W	HB20943	21000	4000K	80	90°	92%	223,000	C	White	1.69	0.73	750W	HW-200N8-AB
200W	HB22920	26000	5000K	80	90°	92%	223,000	C	White	1.69	0.73	750W	HW-200C8-AB
300W	HB31479	38800	4000K	80	90°	77%	68,000	D	White	2.60	1.21	up to 1000W	HW-300N-AB
300W	HB41782	38800	5000K	80	90°	77%	68,000	D	White	2.60	1.21	up to 1000W	HW-300C-AB

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

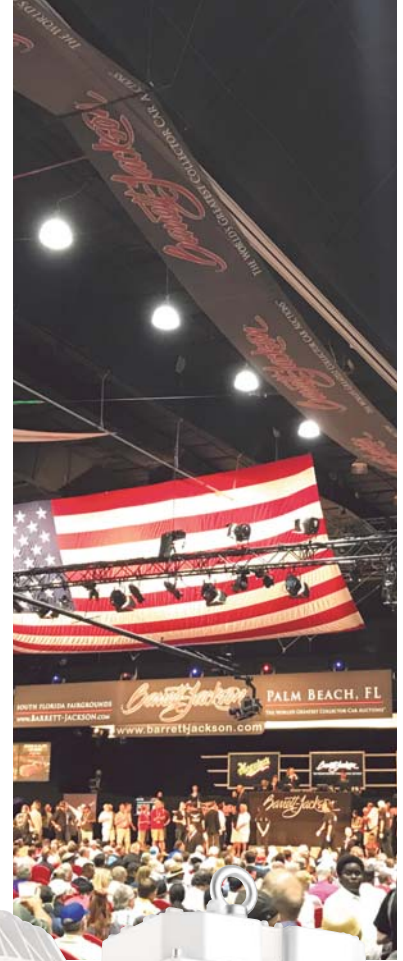
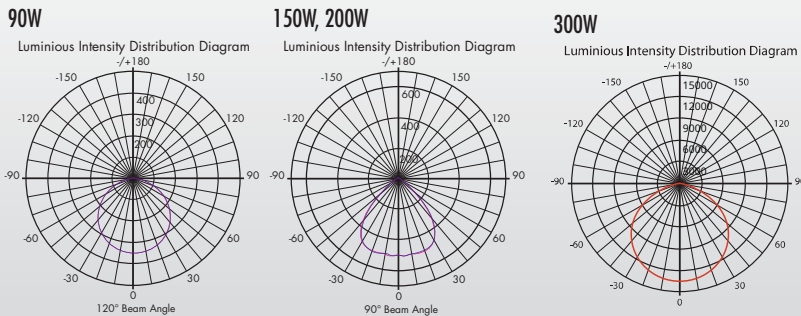
Benefits and Features

- 0-10V DC dimming standard
- IP65 Rating
- Multiple beam angle options
- Factory installed sensor options
- Factory installed plug options
- Electrical: 50/60Hz, 120-277V and 347-480V
- CCT: 5000K and 4000K

Dimensions



Photometrics



LED HIGHBAY LIGHTING



347-480V

Modern

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Beam Angle	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fig.	Fixt. Color	Amp. 347V	Draw (A) 480V	Replaces Existing HID Wattages	DLC Model Number
100W	HB54216	11890	4000K	80	120°	92%	240,000	D	White	0.30	0.22	250W	HW-100HNA-AP
100W	HB19238	12300	5000K	80	120°	92%	240,000	D	White	0.30	0.22	250W	HW-100HCA-AP
150W	HB27813	19000	4000K	80	90°	92%	230,000	D	White	0.45	0.33	400W	HW-150HNB-AP
150W	HB27146	19700	5000K	80	90°	92%	230,000	D	White	0.45	0.33	400W	HW-150HCB-AP
200W	HB41682	24100	4000K	80	90°	92%	223,000	D	White	0.58	0.43	750W	HW-200HNB-AP
200W	HB28334	25400	5000K	80	90°	92%	223,000	D	White	0.58	0.43	750W	HW-200HCB-AP
300W	HB67127	38160	4000K	70	90°	77%	68,000	E	White	0.58	0.43	1000W	HW-300HNB-AP
300W	HB64152	38700	5000K	70	90°	77%	68,000	E	White	0.58	0.43	1000W	HW-300HCB-AP

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



Accessories (Order as separate line items)

Common Accessories for All Modern Fixtures

- PH41623 - Dry/damp rated motion/on-off sensor only (S1) (120-277V)
- PH77409 - Dry/damp rated motion/on-off/photocell/dimming sensor (S2) (120-277V)
- PH21458 - Wet and low temp. rated motion sensor only (S3) (120-277V)
- PH27419 - Wet and low temp. rated motion/photocell/dimming sensor (S4) (120-277V)
- PH48156 - Dry/damp rated motion/on-off sensor only (S1) (347-480V) (120-277V)
- PH52321 - Dry/damp rated motion/on-off/photocell/dimming sensor (S2) (347-480V)
- PH36512 - Wet and low temp. rated motion sensor only (S3) (347-480V)
- PH37415 - Wet and low temp. rated motion/photocell/dimming sensor (S4) (347-480V)

Note: All sensors (S1, S2, S3, and S4) are factory installed. Add suffix "-S[†]" to the end of the order code for a factory installed sensor.

Factory installed plug options are available, see spec sheets for details



Accessories (Order as separate line items)

Accessories for 90W

- LN13528 - 90° polycarbonate lens
- LN13597 - Clear polycarbonate lens
- LN13489 - Frosted polycarbonate lens
- RF13376 - Aluminum shield, silver
- AC26438 - U-Bracket kit
- AC78182 - Pendant Mount Kit (White) for 3/4" NPT
- KT14231 - Sensor mount kit

Accessories (Order as separate line items)

Accessories for 100W-200W

- LN13421 - 120° glass lens
- LN13632 - Clear polycarbonate lens (120°)
- LN28431 - 50° polycarbonate lens
- LN13492 - Frosted polycarbonate lens
- RF13388 - Aluminum shield
- RF13912 - Acrylic refractor
- AC78196 - Pendant Mount Kit (White) for 3/4" NPT (120-277V)
- AC53904 - Pendant Mount Kit (White) for 3/4" NPT (347-480V)
- AC26546 - Adjustable U-Bracket kit for Modern HB (120-277V)
- AC26864 - Adjustable U-Bracket kit for Modern HB (347-480V)
- KT14791 - Sensor mount kit (120-277V & 347-480V)

Accessories (Order as separate line items)

Accessories for 300W

- LN13421 - 120° glass lens
- LN13632 - Clear polycarbonate lens (120°)
- LN13927 - 60° polycarbonate lens
- LN13492 - Frosted polycarbonate lens
- RF13388 - Aluminum shield
- RF13912 - Acrylic refractor
- AC53904 - Pendant Mount Kit (White) for 3/4" NPT (120-277V)
- AC26864 - Adjustable U-Bracket kit for Modern HB (120-277V)
- AC51241 - Surface mount yoke kit for Modern HB (347-480V)
- KT14791 - Sensor mount kit (120-277V)
- AC17648 - Sensor Mount Kit (347-480V)



IP65



LED HIGHBAY LIGHTING

VSolution

120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Beam Angle	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fig.	Fixt. Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
150W	HB43219	21850	5000K	80	90°	89%	155,000	A	Black	1.21	0.56	400W	HBI-150WC12A3BUP
200W	HB24156	26231	5000K	80	90°	89%	155,000	B	Black	1.80	0.75	400W	HBI-200WC24A3BUP
300W	HB71757	42460	5000K	80	90°	89%	155,000	C	Black	2.60	1.21	1000W	HBI-300WC26A3BUP

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



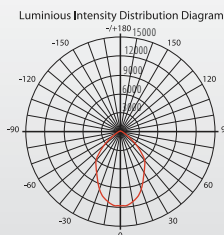
Benefits and Features

- Efficacy up to 145 lumens per watt
- Electrical: 50/60Hz, 120-277V and 347-480V
- IP65 Rating
- CCT: 5000K and 4000K
- Beam angle: 90° standard
- 0-10V DC dimming standard

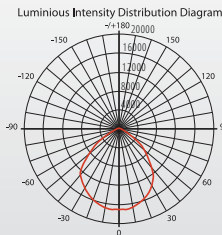


Photometrics

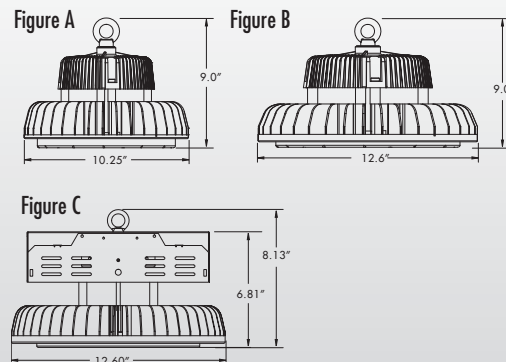
150W



300W



Dimensions



IP65



LED HIGHBAY LIGHTING



347-480V

VSolution

Wattage	Order Code	Lumen Output	Colour Temp.	CRI	Beam Angle	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fig. Colour	Fixt. Amp.	Draw (A) 347V	Draw (A) 480V	Replaces Existing HID Wattages	DLC Model Number
150W	HB57189	21850	5000K	80	90°	89%	155,000	A	Black	0.44	0.32	400W	HB1-150WC12B3BUS
300W	HB81256	42460	5000K	80	90°	89%	155,000	B	Black	0.91	0.66	1000W	HB1-300WC26B3BUP

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



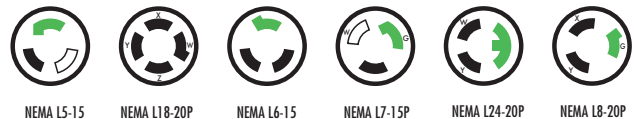
Accessories (Order as separate line items)

Common Accessories for All VSolution Fixtures

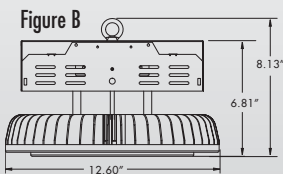
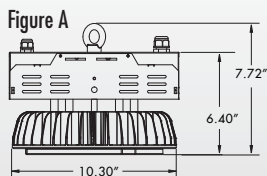
- KT12089 - IP65 motion/photocell/dimming sensor with mounting kit
- KT18215 - Adjustable U-Bracket
- AC62148 - Pendant mount kit
- RF50402 - 90° Aluminum reflector
- RF55800 - 16" PC reflector
- RF19927 - 16" Clear Acrylic reflector
- RF19935 - 16" Diffuse Acrylic reflector
- LN28315 - 16" Clear Acrylic Drop reflector
- LN28325 - 16" Diffuse Acrylic drop reflector lens
- RF63661 - 16" Dia. Reflector lens band

Note: All sensors (S1, S2, S3, and S4) are factory installed. Add suffix "-S#" to the end of the order code for a factory installed sensor.

Factory installed plug options are available, see spec sheets for details



Dimensions



Accessories (Order as separate line items)

Lens Accessories for 150W

- LN11476 - 120° clear tempered glass lens
- LN14399 - 120° frosted tempered glass lens
- LN17698 - 120° Clear PC lens
- LN19016 - 60° PC lens
- LN15743 - 90° PC lens (replacement)

Accessories (Order as separate line items)

Lens Accessories for 200W-300W

- LN15997 - 120° clear tempered glass lens
- LN10210 - 120° frosted tempered glass lens
- LN13413 - 120° Clear PC lens
- LN10374 - 60° PC lens
- LN11386 - 90° PC lens (replacement)



IP65



LED Highbay Lighting

VSplash

120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Life Hours†	Fixt. Color	Dimming Capability	Amp. Draw (A)		Replaces Existing HID Wattages	DLC / NSF Model Number
150W	HB45236	21500	5000K	80	230,000	Gray	Yes	1.21	0.56	400W	HW1-150C-AB
150W	HB41357	21500	5000K	80	230,000	Gray	No	1.21	0.56	400W	HW1-150C-AB

NOTE: Other color temperatures available: 4000K, contact for lead time

VSplash

347-480V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Life Hours†	Fixt. Color	Dimming Capability	Amp. Draw (A)		Replaces Existing HID Wattages	DLC / NSF Model Number
150W	HB12418	21200	5000K	80	230,000	Gray	Yes	0.45	0.33	400W	HW1-150C-BB
150W	HB59512	21200	5000K	80	230,000	Gray	No	0.45	0.33	400W	HW1-150C-BB

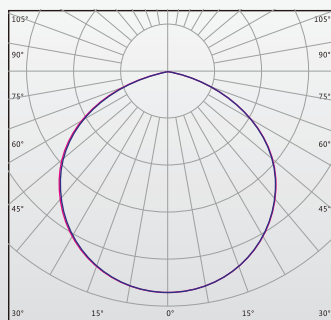
NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Benefits and Features

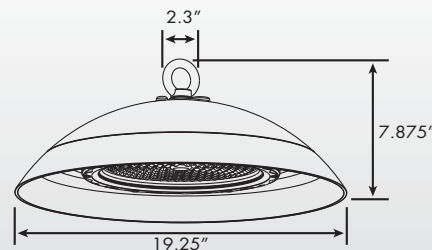
- NSF Certified
- Efficacy up to 143 lumens per watt
- High performance LEDs
- Electrical: 50/60Hz, 120-277V and 347-480V
- Polycarbonate lens: safe for food processing applications
- No external reflectors required
- Operating temperature: -40°C up to 50°C
- Body and mounting loop are Aluminum alloy
- Stainless steel hardware
- IP69K Rating
- 5 years warranty
- CCT: 5000K
- 80 CRI
- Beam angle: 90° standard; optional 50° and 120° beam angles available
- Superior temperature stability
- Temperature tested at toughest conditions



Photometrics



Dimensions



Accessories (Order as separate line items)

- LN13632 - 120° Clear PC flat lens
- LN28431 - 50° PC lens
- AC78126 - Pendant mount kit for 120-277V & 347-480V

Factory installed NSF plug options are available, see spec sheets for details



NEMA L5-15
Plug Style: L5-15P
For 120V Input



NEMA L6-15
Plug Style: L6-15P
For 240V Input



NEMA L7-15P
Plug Style: L7-15P
For 277V Input



IP69K



Note: * NSF Certified for General Lighting, not for food contact



A DIFFERENT WAY OF LIGHT 9

Tel. 800-451-2606 • VentureLighting.com

LED HIGHBAY LIGHTING

Wave Aisle Lighter



Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A) 120V 277V	Replaces Existing HID Wattages	DLC Model Number
90W	HB42342	10350	5000K	80	90%	159,000	Matte Silver	0.76 0.33	250W	HWL-090C-AD
150W	HB61298	17250	5000K	80	90%	154,000	Matte Silver	1.26 0.55	400W	HWL-150C-AD

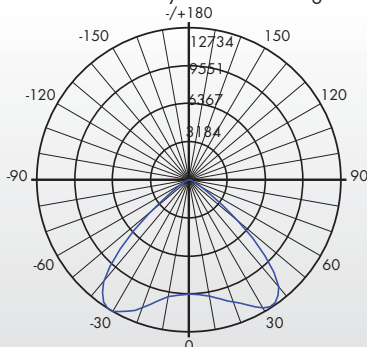
NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Benefits and Features

- Extruded aluminum heat sink housing with powder coated aluminum end caps and stainless steel hardware
- Precision optic, polycarbonate lens achieves 60 x 90 distribution
- Optical chamber is sealed and gasketed
- Operating temperature range of -30° C to 50° C
- DesignLights Consortium® (DLC) qualified
- 3X longer life than traditional technology, reducing maintenance costs
- 5 year warranty
- 80% Energy Savings
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard to maximize energy savings
- DLC certified and cULus rated for damp and dry locations and IP65 rated
- (2) aircraft cables included with fixture for mounting

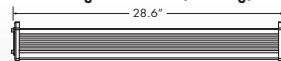
Photometrics

Luminous Intensity Distribution Diagram

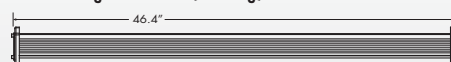


Dimensions

90W: Weight: 10.4 lbs (4.71 kg)



150W: Weight: 15.2 lbs (6.89 kg)



Accessories (Order as separate line items)

- KT14682** Sensor mounting kit for Wave linear highbay
- PH41623** - Dry/damp rated motion/on-off sensor only (S1)
- PH77409** - Dry/damp rated motion/on-off/photocell/dimming sensor (S2)
- PH21458** - Wet and low temp. rated motion sensor only (S3) (120-277V)
- PH27419** - Wet and low temp. rated motion/photocell/dimming sensor (S4) (120-277V)

Note: All sensors (S1, S2, S3, and S4) are factory installed
Factory installed plug options are available, see spec sheets for details



NEMA L5-15



NEMA L18-20P



NEMA L6-15



NEMA L7-15P



IP65



LED LINEAR Highbay LIGHTING

Clear Lens Linear Highbay

120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb. (hrs) [†]	Fixture Color	Amp. Draw (A)		DLC Model Number
								120V	277V	
110W	HB17813*	14740	4000K	80	87%	122,000	White	0.93	0.45	HBL2-110WNAC-BF2
110W	HB43723	14850	5000K	80	87%	122,000	White	0.93	0.45	HBL2-110WCAC-BF2
160W	HB27818*	21700	4000K	80	87%	122,000	White	1.35	0.61	HBL2-160WNAC-BF2
160W	HB41918	21870	5000K	80	87%	122,000	White	1.35	0.61	HBL2-160WCAC-BF2
320W	HB45708	43300	5000K	80	87%	122,000	White	2.80	1.20	HBL-320CAC

Frosted Lens Linear Highbay

120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb. (hrs) [†]	Fixture Color	Amp. Draw (A)		DLC Model Number
								120V	277V	
110W	HB23814*	14300	4000K	80	87%	122,000	White	0.93	0.45	HBL2-110WNAF-BF2
110W	HB51843	14400	5000K	80	87%	122,000	White	0.93	0.45	HBL2-110WCAF-BF2
160W	HB31452*	20360	4000K	80	87%	122,000	White	1.35	0.61	HBL2-160WNAF-BF2
160W	HB52728	21200	5000K	80	87%	122,000	White	1.35	0.61	HBL2-160WCAF-BF2
320W	HB46174	42050	5000K	80	87%	122,000	White	2.80	1.20	HBL-320CAF

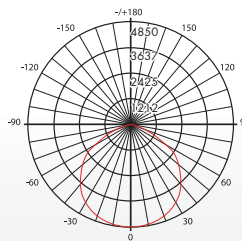
NOTE: [†] Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11
 For a factory installed Battery Backup add "-EM" after order code
 * Contact for lead time



Photometrics

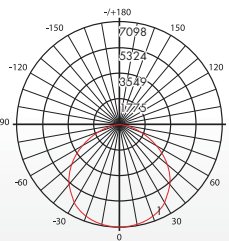
110W LED Linear Highbay

Luminous Intensity Distribution Diagram



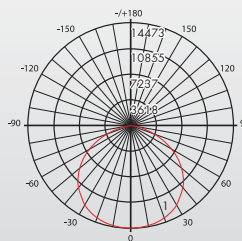
160W LED Linear Highbay

Luminous Intensity Distribution Diagram



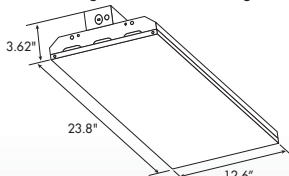
320W LED Linear Highbay

Luminous Intensity Distribution Diagram

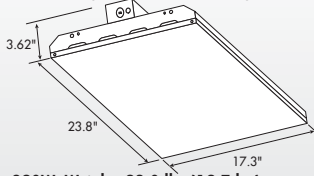


Dimensions

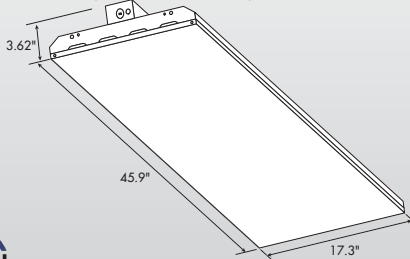
110W: Weight: 10.2 lbs (4.63 kg)



160W: Weight: 14.0 lbs (6.35 kg)



320W: Weight: 28.0 lbs (12.7 kg)



LED LINEAR Highbay LIGHTING



347-480V

Clear Lens Linear Highbay

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. Draw (A) 347V	480V	DLC Model Number
110W	HB18218	14850	5000K	80	87%	122,000	White	0.93	0.45	HBL2-110WCBC-BF2
320W	HB52168	43300	5000K	80	87%	122,000	White	2.80	1.20	HBL-320CBC

347-480V

Frosted Lens Linear Highbay

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. Draw (A) 347V	480V	DLC Model Number
110W	HB24217	14400	5000K	80	87%	122,000	White	0.93	0.45	HBL2-110WCBF-BF2
320W	HB54791	42050	5000K	80	87%	122,000	White	2.80	1.20	HBL-320CBF

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



Benefits and Features

- V-hook (2pcs) and 42" chain accessories included
- Versatile and easy to install - pendant or surface mount accessories sold separately
- Operating temperature range of -30°C to 45°C (110W, 160W); -30°C to 40°C (320W)
- 120-277V & 347-480V Input voltage options
- Clear or frosted lens versions available
- 0-10V Dimming standard
- Factory installed battery back-up available (120-277V only)
- Rated for damp and dry locations
- Optional wire guard available

Accessories (Order as separate line items)

Common Accessories for All Modern Fixtures

- KT16782** - Pendant mount kit with hardware (white)
- AC24512** - 1 meter chain with S-hooks (2pcs) (replacement)
- KT37197** - Sensor mount kit with hardware (white)
- PH41623** - Dry/damp rated motion/on-off sensor only
- PH77409** - Dry/damp rated motion/on-off/photocell/dimming sensor

Accessories (Order as separate line items)

Accessories for 110W

- LN18714** - Clear Lens for field replacement
- LN18614** - Frosted Lens for field replacement
- KT27604** - Surface mount kit (white)
- KT21343** - Wire guard kit with hardware
- AC28841** - V-Hook (2 pcs set - replacement)

Accessories (Order as separate line items)

Accessories for 160W

- LN18725** - Clear Lens for field replacement
- LN18625** - Frosted Lens for field replacement
- KT35428** - Surface mount kit (white)
- KT18519** - Wire guard kit with hardware
- AC19722** - V-Hook (2 pcs set - replacement)

Accessories (Order as separate line items)

Accessories for 320W

- LN48876** - Clear Lens for field replacement
- LN42193** - Frosted Lens for field replacement
- KT35428** - Surface mount kit (white)
- KT41013** - Wire guard kit with hardware
- AC19722** - V-Hook (2 pcs set - replacement)

LED COLOR SELECTABLE PANELS



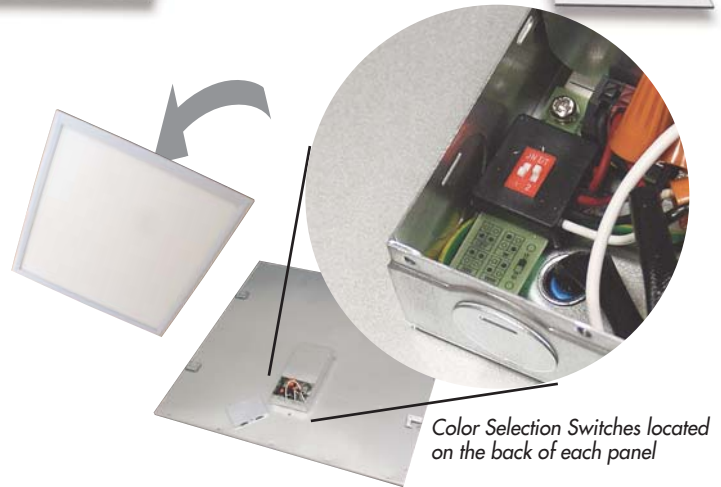
Venture's color temperature selectable LED panels
Available in 2x4, 2x2, and 1x4

LED Color Selectable Panels

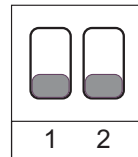
Change from 3500K, 4000K or 5000K with just the flip of a switch. Venture Lighting's color temperature selectable LED panels are low profile, lightweight, and designed for long life and low maintenance. These thin luminaires are designed to quickly and easily upgrade existing fluorescent fixtures and be more versatile than other LED panels. The high performance LED source is mounted to ensure proper thermal management of the system. Each fixture is capable of changing CCT with a simple flip of a switch. The CCT Selection method allows for a cost effective method to reduce stocking inventory by 66%. All CCT Selectable Panel fixtures are preset to 4000K at the factory.

Benefits and Features

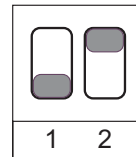
- Change from 3500K, 4000K or 5000K with just the flip of a switch
- All CCT Selectable Panel fixtures are preset to 4000K at the factory
- Reduce inventory SKUs by 66%
- Easy to install
- Factory installed battery back-up option available
- Edge-lit optics, low glare and easy on the eyes
- Designed for upgrading existing fluorescent fixtures or for new construction
- 0-10V DC dimming standard to maximize energy savings
- Rated for damp and dry locations
- IC Rated
- Universal 120-277V 50/60 Hz input
- Factory installed Chicago Plenum Kit Option Available



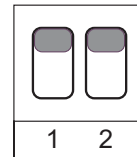
Switch Position:
LED Output **OFF**



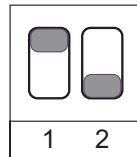
Switch Position:
3500K CCT



Switch Position:
4000K CCT



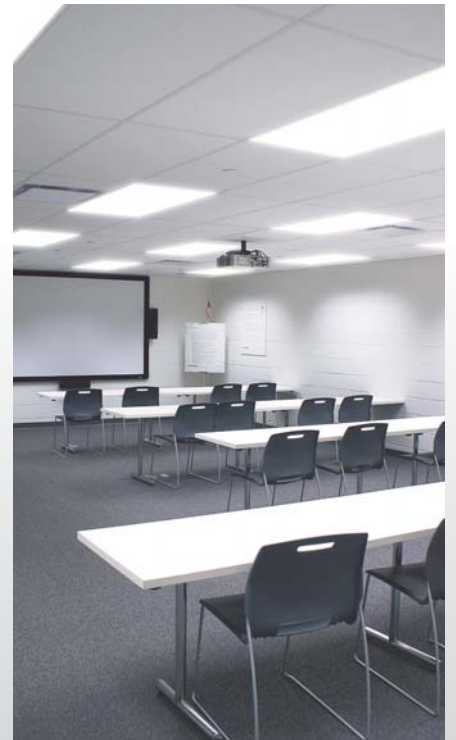
Switch Position:
5000K CCT



3500K



4000K



5000K

LED COLOR SELECTABLE PANELS



Color Selectable

Panel Size	Wattage	Order Code	Color Temperature	DLC Model Number	Lumen Output	CRI	Life Hours	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing Wattages	
1x4	33W	PN69124	Standard	4000K	P114-36N-ANR-C	3675	80+	50,000	0.32	0.14	64W
			Field Selectable	3500K	P114-36B-ANR-C	3545					
			Field Selectable	5000K	P114-36C-ANR-C	3860					
2x2	38W	PN38592	Standard	4000K	P122-40N-ANR-C	4140	80+	50,000	0.34	0.15	64W
			Field Selectable	3500K	P122-40B-ANR-C	4050					
			Field Selectable	5000K	P122-40C-ANR-C	4535					
2x4	44W	PN41751	Standard	4000K	P124-48N-ANR-C	4740	80+	50,000	0.42	0.19	96W - 128W
			Field Selectable	3500K	P124-48B-ANR-C	4660					
			Field Selectable	5000K	P124-48C-ANR-C	5030					

NOTE: For a factory installed Battery Backup add "-EM" after order code

UL Approved for Chicago Plenum



Color Selectable

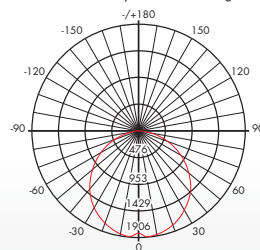
Panel Size	Wattage	Order Code	Color Temperature	DLC Model Number	Lumen Output	CRI	Life Hours	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing Wattages	
1x4	33W	PN69124-CCEA	Standard	4000K	P114-36N-ANR-C	3675	80+	50,000	0.32	0.14	64W
			Field Selectable	3500K	P114-36B-ANR-C	3545					
			Field Selectable	5000K	P114-36C-ANR-C	3860					
2x2	38W	PN38592-CCEA	Standard	4000K	P122-40N-ANR-C	4140	80+	50,000	0.34	0.15	64W
			Field Selectable	3500K	P122-40B-ANR-C	4050					
			Field Selectable	5000K	P122-40C-ANR-C	4535					
2x4	44W	PN41751-CCEA	Standard	4000K	P124-48N-ANR-C	4740	80+	50,000	0.42	0.19	96W - 128W
			Field Selectable	3500K	P124-48B-ANR-C	4660					
			Field Selectable	5000K	P124-48C-ANR-C	5030					

NOTE: For a factory installed Battery Backup add "-EM" after order code

Photometrics

44W 2x4 LED Panel

Luminous Intensity Distribution Diagram



Accessories (Order as separate line items)

- BB23468** - Battery back-up
- KT14136** - 1x4 Drywall Mount Kit, White
- KT20945** - 1x4 Surface Mount Kit, White
- KT18101** - 2x2 Drywall Mount Kit, White
- KT14156** - 2x2 Surface Mount Kit, White
- KT18916** - 2x4 Drywall Mount Kit, White
- KT18522** - 2x4 Surface Mount Kit, White
- AC25420** - AFC 3/8 F - 3146 14/3X6' FIX WHIP, 3-WIRE 120V

Add suffix "-WP" to order code for a factory installed fixture with a 6ft whip (Part # AC25420)

For a factory installed Battery Backup add "-EM" after order code

Dry wall mounting kits



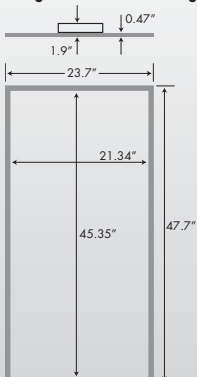
Surface mounting kits



Dimensions

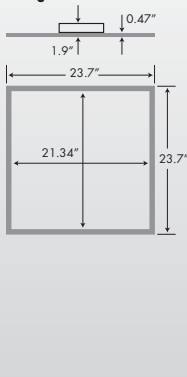
44W 2x4 LED Panel

Weight: 20.2 lbs (9.16 kg)



38W 2x2 LED Panel

Weight: 10.6 lbs (4.80 kg)



33W 1x4 LED Panel

Weight: 10.6 lbs (4.80 kg)



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LED PANELS

LED Panels

347V

Panel Size	Wattage	Order Code	Lumen Output	Color Temperature	CRI	Life Hours	Fixture Color	Amp. Draw (A) 347V	Replaces Existing Wattages	DLC Model Number
1x4	36W	PN15025	3800	3500K	80	50,000	White	0.19	64W	PD14-36B-BNR-X00
1x4	36W	PN52157	3870	4000K	80	50,000	White	0.32	64W	PD14-36N-BNR-X00
2x2	40W	PN32145	4350	3500K	80	50,000	White	0.21	64W	PD22-40B-BNR-X00
2x2	40W	PN54241	4460	4000K	80	50,000	White	0.34	64W	PD22-40N-BNR-X00
2x4	48W	PN41312	5170	3500K	80	50,000	White	0.25	96W - 128W	PD24-48B-BNR-X00
2x4	48W	PN58134	5300	4000K	80	50,000	White	0.45	96W - 128W	PD24-48N-BNR-X00



Easy to install, simply remove old fluorescent troffer fixture, and use the existing T-bar application to secure LED panel. Direct wire and start saving.

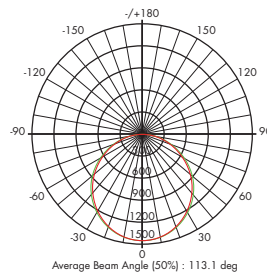
Benefits and Features

- Glass-free construction with internal driver
- Edge-lit optics, low glare and easy on the eyes
- Thin profile and easy to handle
- For retrofit or new construction with T-Bar applications
- DesignLights Consortium® (DLC) qualified
- 50,000 hour life; 65% Longer Life
- 5 year warranty

Photometrics

40W 2x2 LED Panel

Luminous Intensity Distribution Diagram



Dimensions

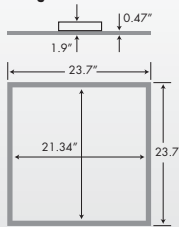
48W 2x4 LED Panel

Weight: 20.2 lbs (9.16 kg)



40W 2x2 LED Panel

Weight: 10.6 lbs (4.80 kg)



36W 1x4 LED Panel

Weight: 10.6 lbs (4.80 kg)



Accessories (Order as separate line items)

- KT14136 - 1x4 Drywall Mount Kit, White
- KT20945 - 1x4 Surface Mount Kit, White
- KT18101 - 2x2 Drywall Mount Kit, White
- KT14156 - 2x2 Surface Mount Kit, White
- KT18916 - 2x4 Drywall Mount Kit, White
- KT18522 - 2x4 Surface Mount Kit, White

Dry wall mounting kits



Surface mounting kits



Troffers



Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Size	Life Hours	Fixture Color	Amp. Draw (A)	277V	Replaces Existing Fluorescent	DLC Model Number
32W	TR16834	3720	4000K	80	2x2	50,000	White	0.29	0.13	2x2	TR22-32NA-00
42W	TR48346	4380	3500K	80	2x4	50,000	White	0.37	0.17	2x4	TB24-42B-BF2
42W	TR21705	4500	4000K	80	2x4	50,000	White	0.37	0.17	2x4	TB24-42N-BF2

NOTE: For a factory installed Battery Backup add "-EM" after order code



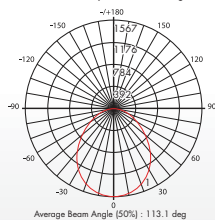
Benefits and Features

- High quality, economical alternative to fluorescent
- Powered by LED lighting technology
- Highest return on initial investment over the life time of the fixture
- Ideal for office spaces, schools, hospitals, and many other indoor locations
- Design Lights Consortium (DLC) Qualified
- New construction or replacement of existing fluorescent fixtures
- 0-10V Dimming standard
- Rated for damp and dry locations
- IC Rated
- Factory installed battery back-up available

Photometrics

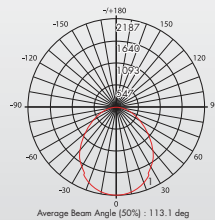
32W 2x2 LED Troffer

Luminous Intensity Distribution Diagram



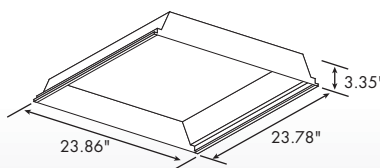
42W 2x4 LED Troffer

Luminous Intensity Distribution Diagram

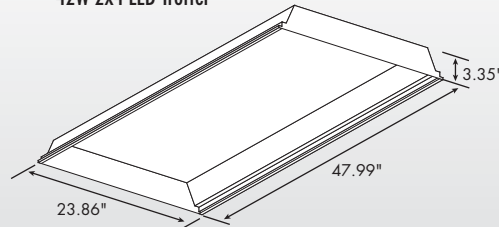


Dimensions

32W 2x2 LED Troffer



42W 2x4 LED Troffer

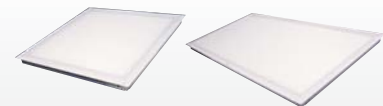


Accessories (Order as separate line items)

- KT18101** - 2x2 Drywall Mount Kit, White
- KT18916** - 2x4 Drywall Mount Kit, White

For a factory installed Battery Backup add "-EM" after order code

Dry wall mounting kits



LED VOLUMETRIC TROFFERS

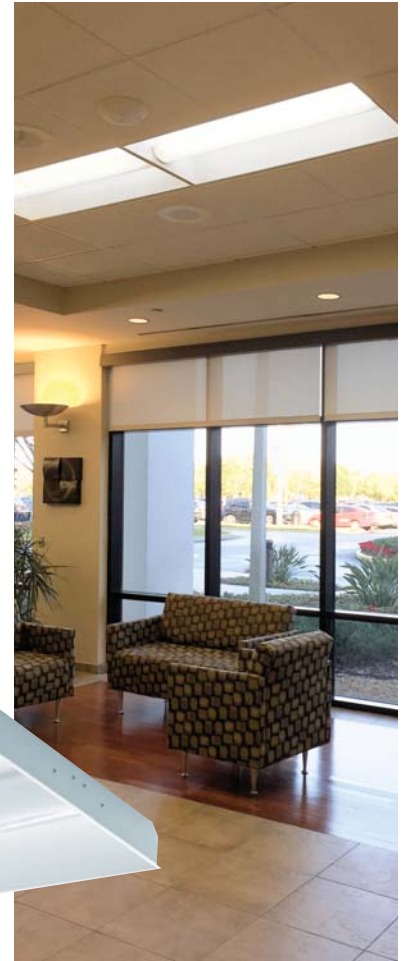
Volumetric Troffers

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Size	Life Hours	Fixture Color	Amp. Draw (A)		Replaces Existing Fluorescent	DLC Model Number
								120V	277V		
26W	TR86526	3070	3500K	80	2x2	50,000	White	0.23	0.10	2x2	TB22-26BA-01
26W	TR39826	3275	4000K	80	2x2	50,000	White	0.23	0.10	2x2	TB22-26NA-01
48W	TR73154	5730	3500K	80	2x4	50,000	White	0.41	0.20	2x4	TB24-50BA-01
48W	TR51438	5800	4000K	80	2x4	50,000	White	0.41	0.20	2x4	TB24-50NA-01

NOTE: For a factory installed Battery Backup add "-EM" after order code

Benefits and Features

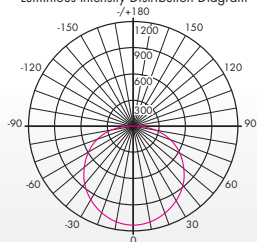
- High quality
- Economical
- Powered by LED lighting technology
- Highest return on initial investment over the life time of the fixture
- Ideal for office spaces, schools, hospitals, and many other indoor locations
- Single diffused lens
- Smooth, low glare illuminance
- Design Lights Consortium (DLC) Premium Qualified
- New construction or replacement of existing fluorescent fixtures
- 0-10V Dimming standard
- Rated for damp and dry locations
- IC Rated
- Factory installed battery back-up available



Photometrics

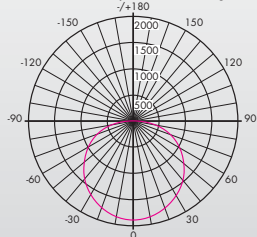
26W 2x2 LED Volumetric Troffer

Luminous Intensity Distribution Diagram



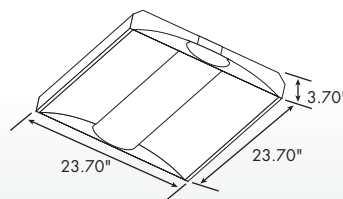
48W 2x4 LED Volumetric Troffer

Luminous Intensity Distribution Diagram

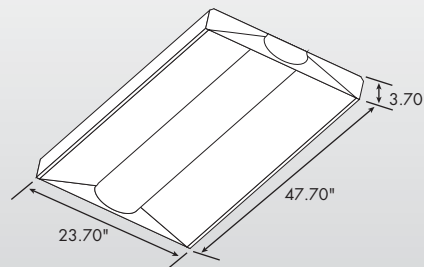


Dimensions

26W 2x2 LED Volumetric Troffer



48W 2x4 LED Volumetric Troffer



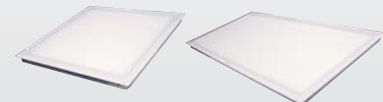
Accessories (Order as separate line items)

- LN17209 - 2x2 Replacement lens
- LN17615 - 2x4 Replacement lens
- KT18101 - 2x2 Drywall Mount Kit, White
- KT18916 - 2x4 Drywall Mount Kit, White
- AC25420 - AFC 3/8 F - 3146 14/3X6' FIX WHIP, 3-WIRE 120V

Add suffix "-WP" to order code for a factory installed fixture with a 6ft whip (Part # AC25420)

For a factory installed Battery Backup add "-EM" after order code

Dry wall mounting kits



LED RECESSED DOWNLIGHTS



Downlight Retrofit Kits

Wattage	Diameter	Order Code	Lumen Output	Color Temperature	CRI	Rated Life (hrs)	Beam Angle	Amp. Draw (A) 120V 277V	Replaces Existing CFL MH	Energy Star Model Number
18W	6"	DL38134	1318	4000K	80+	35,000	90°	0.15 0.07	32W 70W	DLB-1801N-WH
40W	8"	DL17815	3163	4000K	80+	35,000	90°	0.35 0.16	2x32W 100W	DLC-4001N-WH
50W	10"	DL13477	4479	4000K	80+	35,000	90°	0.48 0.22	2x42W 175W	DLD-5001N-WH

NOTE: Other color temperatures available: 2700K, 3000K, 3500K and 5000K, contact for lead time

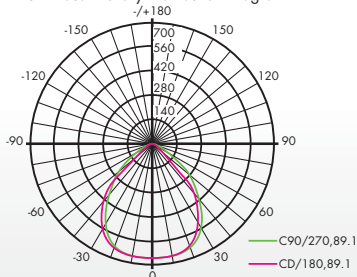


Benefits and Features

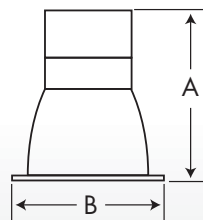
- Energy saving of up to 75%, compared to Compact Fluorescent and Metal Halide
- Upgrade standard CFL and HID 6", 8" or 10" diameter recessed luminaires to high output LED (with 80+ CRI)
- 3X longer life than traditional technology, reducing maintenance costs
- Energy Star Certified
- cULus rated for dry and damp locations
- Light weight design allows for easy installation
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard to maximize energy savings
- White trim

Photometrics

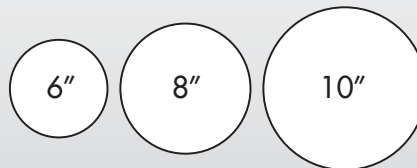
Luminous Intensity Distribution Diagram



Dimensions



Diam.	A (in)	B (in)	Weight
6"	5.68	7.48	1.9 lbs (0.84 kg)
8"	6.38	9.29	2.3 lbs (1.04 kg)
10"	7.10	10.98	2.7 lbs (1.22 kg)



Accessories (Order as separate line items)

- BB24622** - Battery Back-up
- KT86415** - New construction kits for 6" downlight
- KT65235** - New construction kits for 8" downlight



LED LINEAR LIGHTING

Vapor tight

120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Length	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A)		Replaces Existing Wattages	DLC Model Number
									120V	277V		
40W	VP28416	4400	4000K	80	4'	87%	122,000	Gray	0.35	0.16	(2) 32W	VP4-40NA-BF1
52W	VP28516	6760	4000K	80	4'	86%	122,000	Gray	0.45	0.20	(2) 32W	VP4-52NA-BF5
55W	VP61784	7200	4000K	80	4'	86%	108,000	Gray	0.76	0.34	(2) 32W	VP2-56NA-BF1

NOTE: For a factory installed Battery Backup add "-EM" after order code
Other color temperatures available: 3500K and 5000K, contact for lead time

Vapor tight

347V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Length	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A)		Replaces Existing Wattages	DLC Model Number
									347V			
52W	VP32142	6760	4000K	80	4'	86%	122,000	Gray	0.16		(2) 32W	VP4-52NJ-BF5

NOTE: For a factory installed Battery Backup add "-EM" after order code
Other color temperatures available: 3500K and 5000K, contact for lead time
† Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



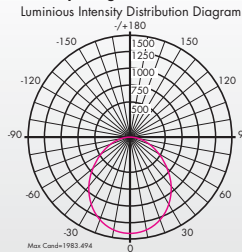
Benefits and Features

- cULus rated for wet locations
- Light weight design allows for easy installation
- Input voltages available: 120-277 or 347V
- 0-10V Dimming standard
- Surface mount kit and V-Hooks for dual point chain suspension included
- Factory installed battery back-up available
- Stainless steel clips
- Polycarbonate lens
- NEMA Type 4X enclosure rating

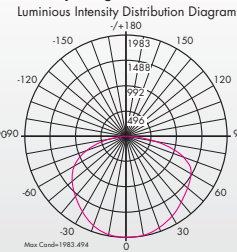


Photometrics

40W Vapor tight

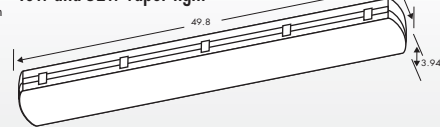


55W Vapor tight



Dimensions

40W and 52W Vapor tight



55W Vapor tight



Accessories (Order as separate line items)

- SP12714 - 120-277V Surge Protector
- PH58143 - Wet Rated Motion Only Control Sensor
- PH52171 - Wet Rated Motion/Photocell/Dimming Control Sensor

Surface mount clips and V-Hook for dual point chain or cable hanging included

For a factory installed Battery Backup add "-EM" after order code



IP65

COMPATIBLE WITH LUTRON LISTED LIGHTING CONTROLS

NEMA 4X

LED LINEAR STRIP LIGHTING

Linear Strip



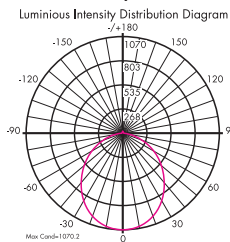
Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Length	Life Hours	Fixture Color	Amp. Draw (A) 120V 277V	Replaces Existing Fixture	DLC Model Number
40W	SM43117	4200	4000K	80	48"	50,000	White	0.35 0.16	80W T12 Fluorescent	SM2-40N4A-BF1
65W	SM59132	7085	4000K	80	96"	50,000	White	0.56 0.25	80W T12 Fluorescent	SM2-65N8A-BF2

NOTE: For a factory installed Battery Backup add "-EM" after order code
Other color temperatures available: 3500K and 5000K, contact for lead time

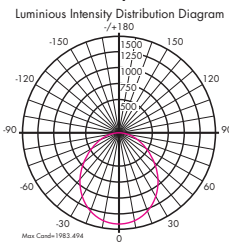


Photometrics

40W Linear Strip

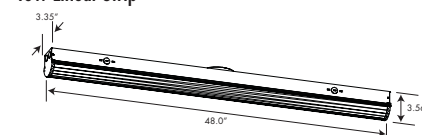


65W Linear Strip

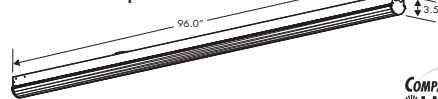


Dimensions

40W Linear Strip



65W Linear Strip

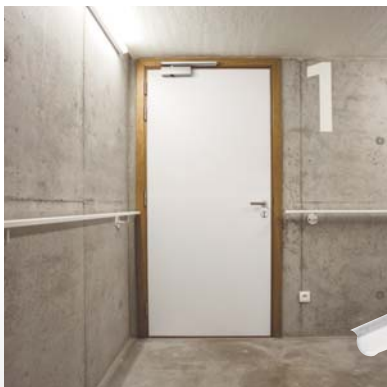


Accessories (Order as separate line items)

- PH41623 - Motion only control sensor
- PH77409 - Motion/PhotoCell/Dim control sensor
- LN17722 - 4ft strip fixture replacement lens
- AC25420 - AFC 3/8 F - 3146 14/3X6' FIX WHIP, 3-WIRE 120V

Add suffix "-WP" to order code for a factory installed fixture with a 6ft whip (Part # AC25420)

For a factory installed Battery Backup add "-EM" after order code



Linear Strip Retrofit Kits

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Size	Life Hours	Fixture Color	Amp. Draw (A) 120V 277V	Replaces Existing Fixture	DLC Model Number
35W	SM25841	4600	4000K	80	48"	50,000	White	0.30 0.13	80W T12 Fluorescent	SMR2-35NAF1

NOTE: Other color temperatures available: 3500K and 5000K, contact for lead time



Accessories (Order as separate line items)

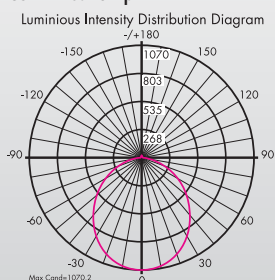
- LN17722 - 4ft strip fixture replacement lens
- For a factory installed Battery Backup add "-EM" after order code

Benefits and Features

- The retrofit kit allows for simple upgrading of existing T8 and T12 fluorescent fixtures to LED in minutes
- Fixtures can be used in storage/utility areas, coves, display cases, shops, task and general area lighting
- Universal 120-277V 50/60 Hz input with 0-10V DC dimming as a standard
- Versatile damp and dry rated fixtures are supplied with a low glare diffuse lens
- cULus Classified

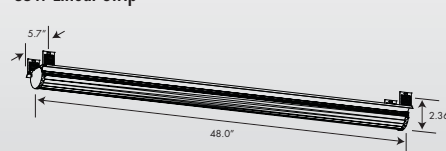
Photometrics

35W Linear Strip Kit



Dimensions

35W Linear Strip



LED LINEAR LIGHTING

Wrap

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Fixture Length	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)‡	Fixture Color	Amp. Draw (A) 120V 277V	Replaces Existing Wattages	DLC Model Number
42W	SM16325	4280	4000K	80	4'	89%	143,000	White	0.76 0.34	(2) 32W	SM1-40NFA-01

NOTE: Other color temperatures available: 5000K, contact for lead time

† Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

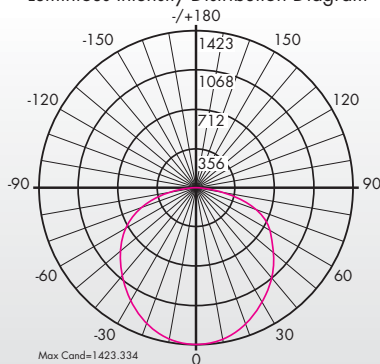
Benefits and Features

- Universal 120-277V 50/60 Hz input
- 0-10V Dimming standard
- cULus rated; Damp listed

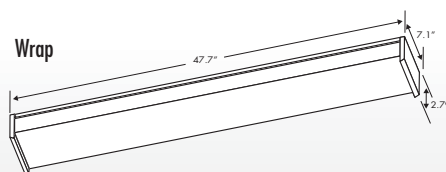


Photometrics

Wrap Luminous Intensity Distribution Diagram



Dimensions



Accessories (Order as separate line items)

- LN18124 - Replacement lens for LED Wrap
- AC25420 - AFC 3/8 F - 3146 14/3X6' FIX WHIP, 3-WIRE 120V

Add suffix "-WP" to order code for a factory installed fixture with a 6ft whip (Part # AC25420)



LED TEMPORARY LIGHTING



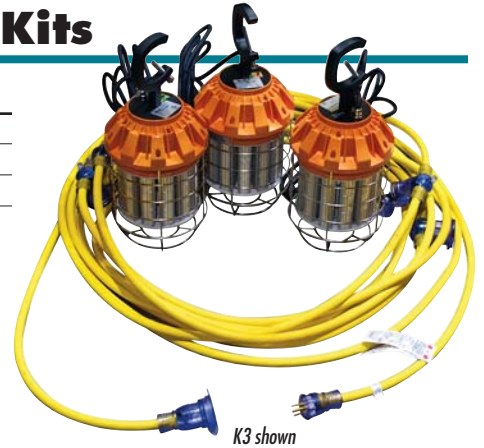
Temporary Lighting

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Life Hours	Fixture Color	Amp. Draw (A) 120V
100W	SM71874	12580	5000K	80	50,000	Orange	0.85

NOTE: Other color temperatures available: 3000K, 3500K and 4000K, contact for lead time

Temporary Lighting Kits

Number of LED Temporary Lighting Lamps	Order Code	Includes 50ft Stringer
2	SM71874-K2	ACS1422
3	SM71874-K3	ACS1422
4	SM71874-K4	ACS1422
5	SM71874-K5	ACS1422

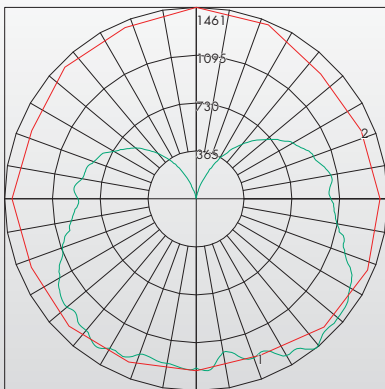


NEMA 5-15 straight blade plug

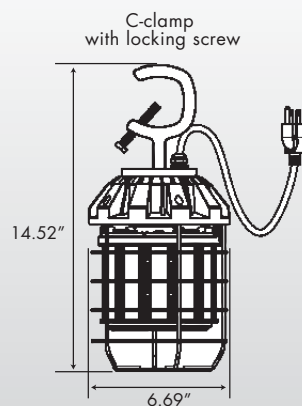
Benefits and Features

- Energy saving of up to 75%, compared to Compact Fluorescent and Metal Halide
- Perfect for construction sites, warehouses, factories, exhibition halls, workshops and more
- 3X longer life than traditional technology, reducing maintenance costs
- cULus listed
- IP64 Rated
- Light weight design allows for easy installation
- The power supply accepts 120V 60 Hz input
- Each fixture supplied with 9 foot cable with a NEMA 5-15 straight blade plug
- Supplied with C-clamp with locking screw
- Supplied with SJTOW 10 foot cord with plug
- Operating temperature of -20°C to 40°C
- Wire-guard made of stainless steel
- Glass-free construction
- Kit includes: LED temporary lighting lamp(s), 50 foot stringer and carrying tote

Photometrics



Dimensions



EXTERIOR LIGHTING SOLUTIONS



212W VFlood

LED WALLPACKS



Defender

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. 120V	Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
44W	WP18912	4710	3000K	80	93%	263,000	Bronze	0.38	0.17	250W	WPA-44WEA
44W	WP24986	4710	3500K	80	93%	263,000	Bronze	0.38	0.17	250W	WPA-44BEA
44W	WP62254	4710	4000K	80	93%	263,000	Bronze	0.38	0.17	250W	WPA-44NEA
44W	WP76654	5010	5000K	80	93%	263,000	Bronze	0.38	0.17	250W	WPA-44CEA
81W	WP28133	8770	3000K	80	93%	250,000	Bronze	0.69	0.31	400W	WPA-81WEA
81W	WP38239	8700	3500K	80	93%	250,000	Bronze	0.69	0.31	400W	WPA-81BEA
81W	WP71923	8770	4000K	80	93%	250,000	Bronze	0.69	0.31	400W	WPA-81NEA
81W	WP92265	9525	5000K	80	93%	250,000	Bronze	0.69	0.31	400W	WPA-81CEA

NOTE: [†] Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

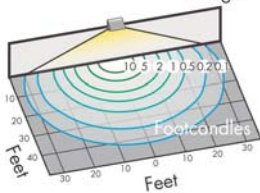


Benefits and Features

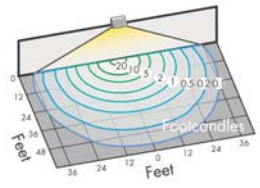
- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Button photocell ready - in three different locations
- Optical chamber is sealed and gasketed
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- 5 year warranty
- 80% Energy Savings
- UL Rated for wet locations
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard to maximize energy savings

Photometrics

44W 10 ft. Height IES Type IV Distribution

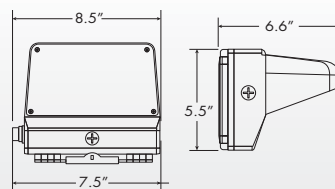


81W 12 ft. Height

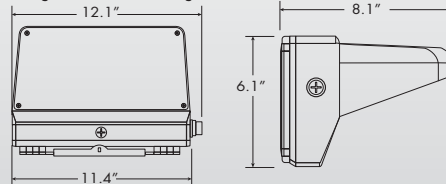


Dimensions

44W
Weight: 5.8 lbs (2.63 kg)

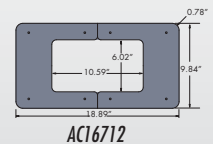
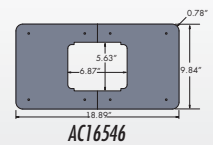


81W
Weight: 9.6 lbs (4.35 kg)



Accessories (Order as separate line items)

- PH56903 - Button Photocell (120-277V)
- AC16546 - Escutcheon Plates for 44W
- AC16712 - Escutcheon Plates for 81W



LED TRADITIONAL STYLE WALLPACKS

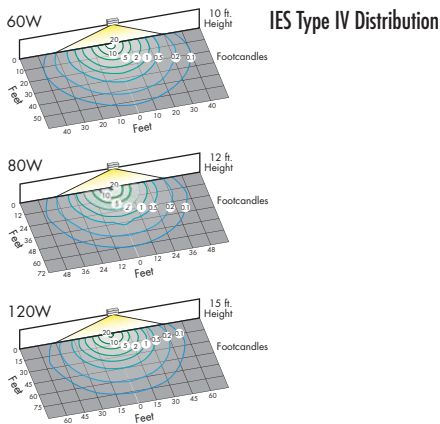
DLC Premium Wallpacks

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	Model Number
60W	WP12899	7160	4000K	80	81%	89,000	Bronze	0.51	0.23	175W	WH3-60AA-40
60W	WP24137	7260	5000K	80	81%	89,000	Bronze	0.51	0.23	175W	WH3-60AA-50
80W	WP31268	9660	4000K	80	81%	89,000	Bronze	0.69	0.30	250W	WH3-80AA-40
80W	WP61258	9820	5000K	80	81%	89,000	Bronze	0.69	0.30	250W	WH3-80AA-50
120W	WP73198	14600	4000K	80	81%	88,000	Bronze	1.10	0.44	400W	WH3-120AB-40K
120W	WP56933	14600	5000K	80	81%	88,000	Bronze	1.10	0.44	400W	WH3-120AB-50K

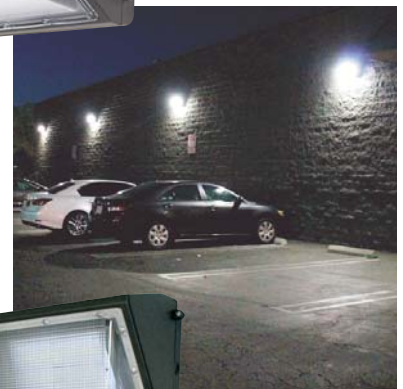
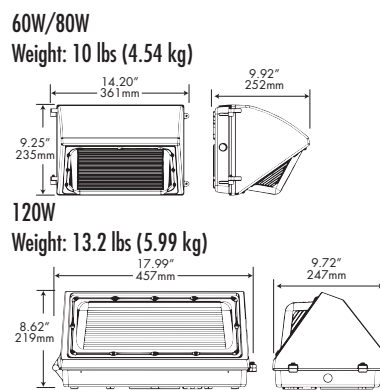
NOTE: [†] Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11
For a factory installed Battery Backup add "-EM" after order code



Photometrics



Dimensions

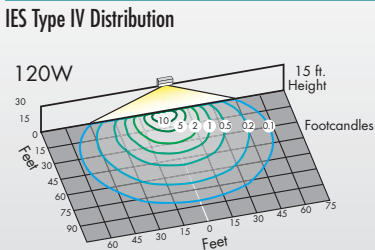


Traditional Style Wallpacks

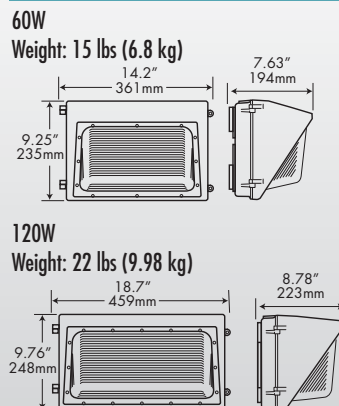
Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	Model Number
60W	WP27392	7050	4000K	80	81%	89,000	Bronze	0.52	0.23	175W	WH2-060N-Axx
120W	WP69128	14770	4000K	80	81%	88,000	Bronze	1.10	0.44	400W	WH2-120N-Axx

NOTE: [†] Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Photometrics



Dimensions



Accessories (Order as separate line items)

Accessories for All Traditional Style Wallpacks

- SP12714 - Surge protector (120-277V)
 - PH56903 - Button Photocell (120-277V)
- For a factory installed button photocell add suffix "-P"



LED TRADITIONAL STYLE WALLPACKS

Full Cutoff Wallpacks

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours'	Calc. L70@25°C	Fixture Color	Amp. Draw (A)		Replaces Existing HID Wattages	Model Number
								120V	277V		
40W	WP16837	4860	4000K	70	95%	372,000	Bronze	0.35	0.16	175W	WH4-040NACT4[S, (blank)] [P, (blank)]
80W	WP20829	9910	4000K	70	95%	372,000	Bronze	0.68	0.30	250W	WH4-080NACT4[S, (blank)] [P, (blank)]
120W	WP30945	14670	4000K	70	95%	372,000	Bronze	1.10	0.45	400W	WH4-120NACT4[S, (blank)] [P, (blank)]

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



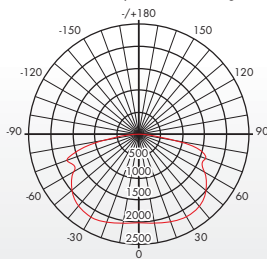
Benefits and Features

- Efficacy up to 132 lumens per watt
- Electrical: 50/60Hz, 120-277V
- Suitable for wet locations
- Operating temperature: -40°C up to 40°C
- Die cast Aluminum housing
- Diffused lens to reduce glare
- 0-10V dimming standard

Photometrics

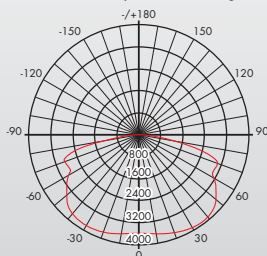
40W, 80W

Luminous Intensity Distribution Diagram



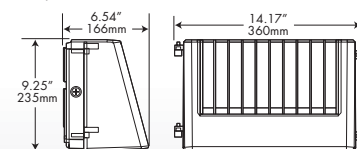
120W

Luminous Intensity Distribution Diagram

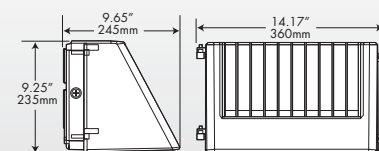


Dimensions

40W, 80W



120W



Accessories (Order as separate line items)

- SP12714 - Surge protector (120-277V)
- PH56903 - Button Photocell (120-277V)



IP65



LED WALLPACKS

VWallpax

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
20W	WP48361	1780	4000K	80	83%	101,000	Bronze	0.17	0.09	70W	WPD-20NA
50W	WP44708	5420	4000K	75	99%	>500,000	Bronze	0.42	0.21	175W	WPD-50NA
80W	WP59416	8710	4000K	75	99%	>500,000	Bronze	0.68	0.30	250W	WPD-80NA

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

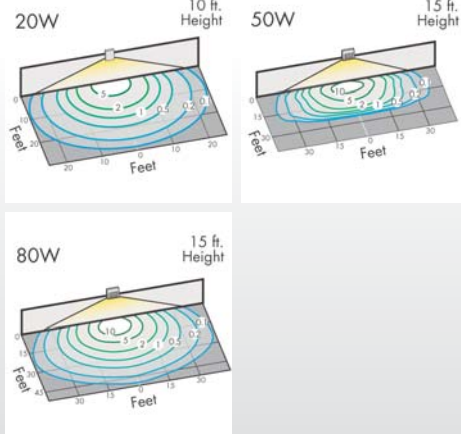
Benefits and Features

- Optical chamber is sealed and gasketed
- Operating temperature range of -40° C to 40° C
- DesignLights Consortium® (DLC) qualified
- 3X longer life than traditional technology, reducing maintenance costs
- 5 year warranty
- 80% Energy Savings
- Universal 120-277V 50/60 Hz input
- DLC certified and rated for wet locations



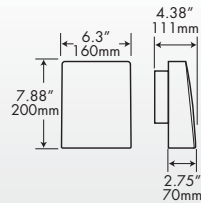
Photometrics

IES Type III Distribution



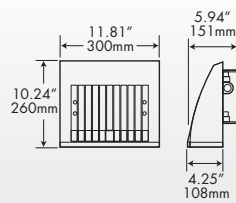
Dimensions

20W Weight:
3.5 lbs (1.58 kg)



50W Weight:
9.9 lbs (4.49 kg)

80W Weight:
11.3 lbs (5.13 kg)



Accessories (Order as separate line items)

- PH56903 Button Photocell (120-277V)
- KT17837 Knuckle mount conversion kit for 20W fixtures only - bronze color
- KT24989 Slipfitter mount conversion kit for 50W-80W fixtures only - bronze color



Roundback VFloods

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
20W	FL59317	2250	4000K	75+	90%	163,000	Bronze	0.20	0.09	70-100W	FC4-20NA
80W	FL68933	9300	4000K	75+	99%	>500,000	Bronze	0.70	0.31	70-100W	FC3-80NA

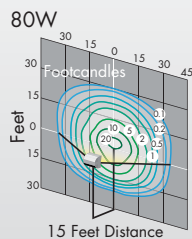
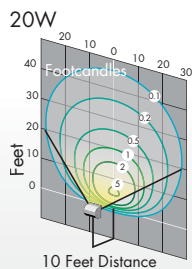
NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



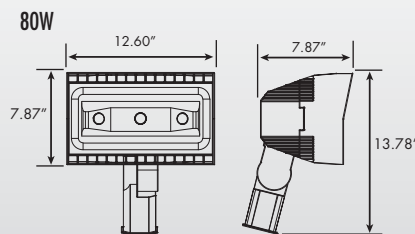
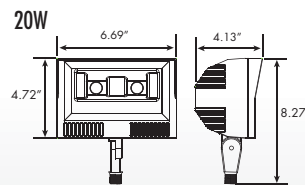
Benefits and Features

- Rugged die cast housing with a durable powder coat finish
- Twist lock photocell receptacle and shorting cap included with the fixture (80W fixture only)
- Optical chamber is sealed and gasketed
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- 5 year warranty
- 80% Energy Savings
- Rated for wet locations

Photometrics



Dimensions



Accessories (Order as separate line items)

- KT56256** U-bracket accessories kit for 20W roundback flood, bronze
- KT56338** U-bracket accessories kit for 80W roundback flood bronze
- PH12415** Twist lock photocell (120-277V)



Parts shown are provided as part of
KT56256 and KT56338



LED FLOODS AND AREA LIGHTING

V Flood

120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture EPA	Fixture Color	Amp. 120V	Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
121W	FL62137	13950	3000K	80	93%	268,000	0.32	Bronze	1.10	0.45	400W	FA-121W5A
121W	FL28199	13950	3500K	80	93%	268,000	0.32	Bronze	1.10	0.45	400W	FA-121B5A
121W	FL14587	13950	4000K	80	93%	268,000	0.32	Bronze	1.10	0.45	400W	FA-121N5A
121W	FL41605	14453	5000K	80	93%	268,000	0.32	Bronze	1.10	0.45	400W	FA-121C5A
212W	FL10989	23640	3000K	80	93%	258,000	0.51	Bronze	1.78	0.78	1000W	FA-212W5A
212W	FL12512	23640	3500K	80	93%	258,000	0.51	Bronze	1.78	0.78	1000W	FA-212B5A
212W	FL21258	23640	4000K	80	93%	258,000	0.51	Bronze	1.78	0.78	1000W	FA-212N5A
212W	FLO0502	25343	5000K	80	93%	258,000	0.51	Bronze	1.78	0.78	1000W	FA-212C5A
285W	FL51268	40200	3000K	70	86%	121,000	3.33	Bronze	2.40	1.10	1000W	FA-285WA
285W	FL98122	41000	3500K	70	86%	121,000	3.33	Bronze	2.40	1.10	1000W	FA-285BA
285W	FL65823	41750	4000K	70	86%	121,000	3.33	Bronze	2.40	1.10	1000W	FA-285NA
285W	FL17426	43650	5000K	70	86%	121,000	3.33	Bronze	2.40	1.10	1000W	FA-285CA

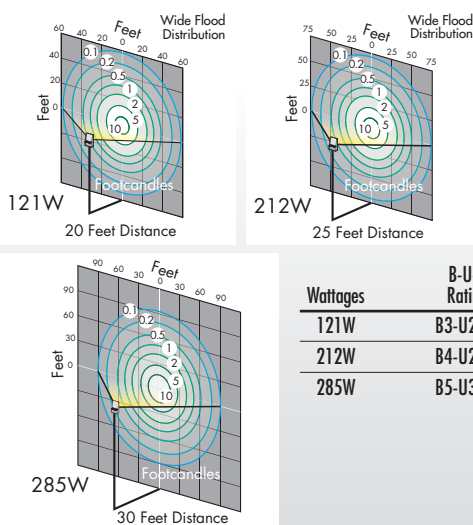
NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Benefits and Features

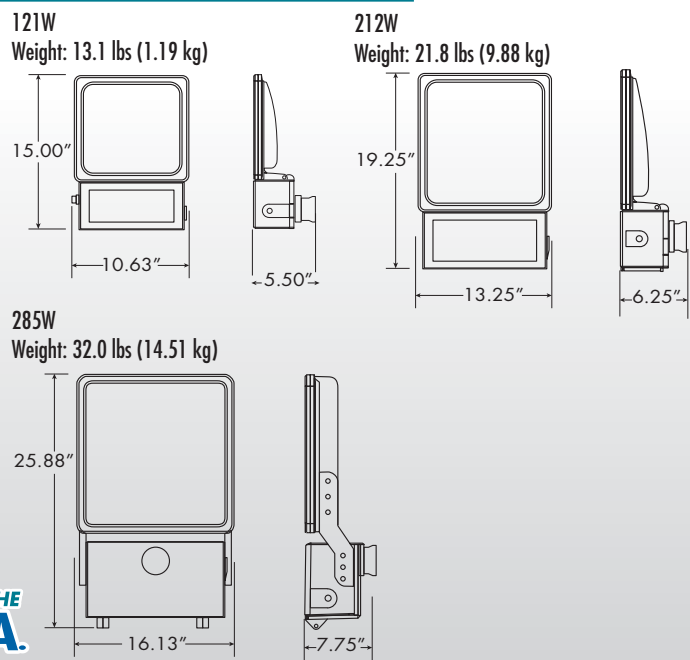
- Efficacy up to 153 lumens per watt
- Rugged die cast housing with a durable powder coat finish
- Tempered glass lens
- Twist lock photocell receptacle and shorting cap included with the fixture.
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- 0-10V DC dimming standard



Photometrics



Dimensions



LED FLOODS AND AREA LIGHTING



347-480V

V-Flood

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture EPA	Fixture Color	Amp. Draw (A) 120V 277V	Replaces Existing HID Wattages	DLC Model Number
121W	FL33172	13440	3000K	80	93%	268,000	0.32	Bronze	0.36 0.27	400W	FA-120W5B
121W	FL59122	13570	3500K	80	93%	268,000	0.32	Bronze	0.36 0.27	400W	FA-120B5B
121W	FL15312	13700	4000K	80	93%	268,000	0.32	Bronze	0.36 0.27	400W	FA-120N5B
121W	FL38501	14000	5000K	80	93%	268,000	0.32	Bronze	0.36 0.27	400W	FA-120C5B
212W	FL37526	23950	3000K	80	93%	258,000	0.51	Bronze	0.63 0.46	1000W	FA-212W5B
212W	FL34152	24100	3500K	80	93%	258,000	0.51	Bronze	0.63 0.46	1000W	FA-212B5B
212W	FL23526	24294	4000K	80	93%	258,000	0.51	Bronze	0.63 0.46	1000W	FA-212N5B
212W	FL46228	24640	5000K	80	93%	258,000	0.51	Bronze	0.63 0.46	1000W	FA-212C5B
285W	FL28127	40000	3000K	70	86%	121,000	3.33	Bronze	0.84 0.61	1000W	FA-285WB
285W	FL42168	40500	3500K	70	86%	121,000	3.33	Bronze	0.84 0.61	1000W	FA-285BB
285W	FL43512	41000	4000K	70	86%	121,000	3.33	Bronze	0.84 0.61	1000W	FA-285NB
285W	FL54812	42000	5000K	70	86%	121,000	3.33	Bronze	0.84 0.61	1000W	FA-285CB

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



Accessories (Order as separate line items)

Mounting Accessories for 121W

- FL64171 U-Bracket for 121W flood bronze
- FL22402 6" straight arm for square pole, bronze
- FL26815 6" straight arm, 4" dia/ round pole, bronze
- FL25107 Slipfitter fits into 2-3/8" mast arm (tenon)

Accessories (Order as separate line items)

Mounting Accessories for 212W

- FL99436 U-Bracket for 212W flood bronze
- FL22402 6" straight arm for square pole, bronze
- FL26815 6" straight arm, 4" dia/ round pole, bronze
- FL25107 Slipfitter fits into 2-3/8" mast arm (tenon)

Accessories (Order as separate line items)

Mounting Accessories for 285W

- FL21782 Large U-Bracket for 285W V-Flood bronze
- FL23874 Small U-Bracket for 285W V-Flood bronze
- FL15614 Square pole arm for 285W V-Flood bronze
- FL25412 Slipfitter for 285W V-Flood bronze

Accessories (Order as separate line items)

Common Accessories for All V-Flood Fixtures

- PH12415 3-Pin Twist lock photocell (120-277V)
- PH81156 3-Pin Twist lock photocell (480V)
- PH87145 3-Pin Twist lock photocell (347V)
- PH81975 Replacement shorting cap
- SP12714 120-277V surge protector
- SP12826 347-480V surge protector



LED AREA LIGHTING

Dusk to Dawn

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A) 120V 277V	Replaces Existing Wattages	DLC Model Number
40W	SL16543	4100	5000K	74	96%	380,000	Gray	0.35 0.16	100W MH/175W MV	SL3-040CA

NOTE: Other color temperatures available: 3000K, 3500K and 4000K, contact for lead time

† Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Benefits and Features

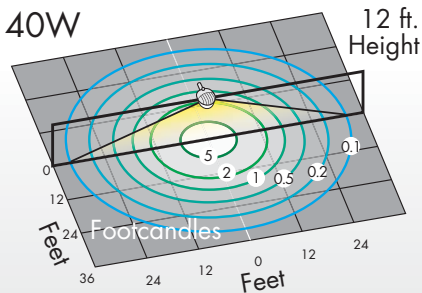
- Rugged die cast housing with a durable powder coat finish
- Low profile, quick and easy upgrade to existing area lighting fixtures
- Twist lock photocell receptacle and photocell included with the fixture
- Optical assembly is sealed with a silicone gasket
- Rated for wet locations
- 120-277V, 50/60 Hz input power
- Long life: 380,000 hours
- 0-10V dimming capability is standard
- Easily install in a wall mount or pole mounting application



Mounting kit, included, contains items shown here

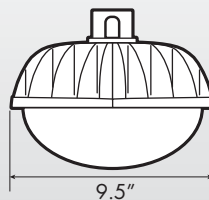
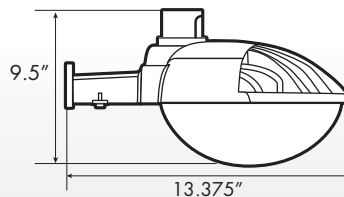


Photometrics



Dimensions

Weight: 5.2 lbs (2.36 kg)



Accessories (Order as separate line items)

- PH12415 Replacement Twist lock photocell (120-277V)
- PH81975 Twist lock shorting cap



Environ

Venture Lighting's Environ area light fixtures combine a sleek, reliable design with precise ANSI optical distributions to make the ideal upgrade for area/site, roadway, and security applications. Perfect for new construction or easy replacement of existing installations.



Benefits and Features

- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Optical chamber is sealed and gasketed
- Capable of adding motion sensor (factory installed)
- Each fixture will be supplied with a 7-pin receptacle and a shorting cap
- Operating temperature range of -40° C to 40° C
- 10kA surge protection
- 5 year warranty
- 80% Energy Savings
- UL Rated for wet locations
- Universal 120-277V 50/60 Hz input or 347-480V input
- 0-10V DC dimming standard to maximize energy savings

Ordering & Model Number Information

Choose nomenclature that suits application. Example: **ENV-120CT2-ABZ-SHM12**

ENV-	120	C	T2-	A	BZ-	SH	M12
Fixture Type	Wattage	Color Temp.	Optics	Voltage	Fixture Finish	Shield	Options
ENV - Venture's LED Area Fixture	<input type="checkbox"/> 120 - 120W <input type="checkbox"/> 150 - 150W <input type="checkbox"/> 200 - 200W <input type="checkbox"/> 380 - 380W <input type="checkbox"/> 480 - 480W	<input type="checkbox"/> W - 3000K <input type="checkbox"/> B - 3500K <input type="checkbox"/> N - 4000K <input type="checkbox"/> C - 5000K	<input type="checkbox"/> T2 - Type II <input type="checkbox"/> T3 - Type III <input type="checkbox"/> T4 - Type IV <input type="checkbox"/> T5 - Type V <input type="checkbox"/> T5W - Type V Wide†	<input type="checkbox"/> A - 120-277V <input type="checkbox"/> B - 347-480V	<input type="checkbox"/> BZ - Bronze	"Blank" - No backlight shield <input type="checkbox"/> SH - Backlight shield†	"Blank" - No motion sensor <input type="checkbox"/> M12 - 120-277V Motion/Dim/Photocell sensor <input type="checkbox"/> M34 - 347-480V Motion/Dim/Photocell sensor

Notes: † = For Type III and Type IV only; ‡ = 380W/480W only

3000K color temperature and fixed mounting must be selected for IDA approval



LED AREA LIGHTING

Environ

Wattage	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture EPA	Color	Amperage Draw (A)				Replaces Existing HID Wattages
								120V	277V	347V	480V	
120W	12500	3000K	70	99%	>500,000	0.67	Bronze	1.00	0.44	0.33	0.24	175W V, 250W H
120W	12770	3500K	70	99%	>500,000	0.67	Bronze	1.00	0.44	0.33	0.24	175W V, 250W H
120W	13020	4000K	70	99%	>500,000	0.67	Bronze	1.00	0.44	0.33	0.24	175W V, 250W H
120W	13560	5000K	70	99%	>500,000	0.67	Bronze	1.00	0.44	0.33	0.24	175W V, 250W H
150W	16800	3000K	70	99%	>500,000	0.70	Bronze	1.30	0.55	0.41	0.30	250W V, 400W H
150W	17400	3500K	70	99%	>500,000	0.70	Bronze	1.30	0.55	0.41	0.30	250W V, 400W H
150W	17960	4000K	70	99%	>500,000	0.70	Bronze	1.30	0.55	0.41	0.30	250W V, 400W H
150W	18240	5000K	70	99%	>500,000	0.70	Bronze	1.30	0.55	0.41	0.30	250W V, 400W H
200W	23560	3000K	70	99%	>500,000	0.78	Bronze	1.70	0.73	0.55	0.40	400W V, 1000W H
200W	24480	3500K	70	99%	>500,000	0.78	Bronze	1.70	0.73	0.55	0.40	400W V, 1000W H
200W	25400	4000K	70	99%	>500,000	0.78	Bronze	1.70	0.73	0.55	0.40	400W V, 1000W H
200W	25690	5000K	70	99%	>500,000	0.78	Bronze	1.70	0.73	0.55	0.40	400W V, 1000W H

NOTE: Lumens listed are for Type V distribution

Mounting accessories are ordered separately

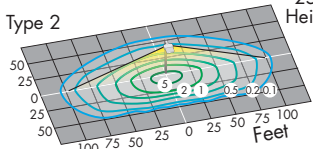
† Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

200W Environ

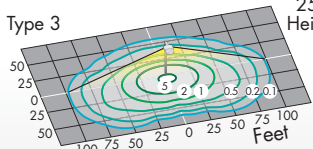


Photometrics

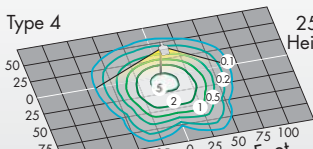
150W Type 2 25 ft. Height



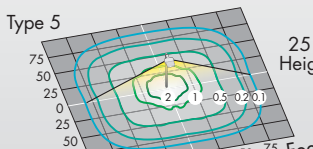
150W Type 3 25 ft. Height



150W Type 4 25 ft. Height

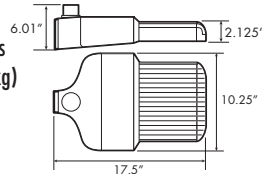


150W Type 5 25 ft. Height

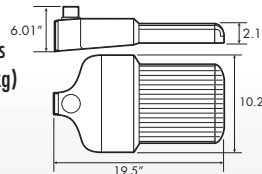


Dimensions

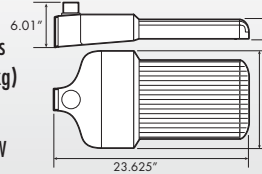
120W Weight: 13.9 lbs (6.30 kg)



150W Weight: 15.7 lbs (7.10 kg)



200W Weight: 18.3 lbs (8.30 kg)



For Wattages 120W, 150W and 200W Distribution Type

Distribution Type	B-U-G Rating
Type II	B3-U0-G3
Type III	B3-U0-G3
Type IV	B3-U0-G2
Type V	B4-U0-G3

Accessories (Order as separate line items)

Mounting Accessories for 120W through 200W

- EN14178 - Round pole straight arm - bronze
- EN26814 - Square pole mount - bronze
- EN35512 - Adjustable slipfitter - bronze
- EN38419 - Mast arm (Horizontal tenon) - bronze
- EN47832 - Wall mount - bronze



Common Accessories for All Environ Fixtures

- PH12415 - 3-Pin Twist lock photocell (120-277V)
- PH81156 - 3-Pin Twist lock photocell (480V)
- PH87145 - 3-Pin Twist lock photocell (347V)
- PH81975 - Replacement shorting cap
- SP12714 - 120-277V surge protector
- SP12826 - 347-480V surge protector
- PH46224 - Wireless Program Tool



3000K color temperature and fixed mounting must be selected for IDA approval

High Lumen Environ



Wattage	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture EPA Color	Amperage Draw (A) 120V 277V 347V 480V	Replaces Existing HID Wattages
380W	39200	3000K	70	89%	>162,000	1.36 Bronze	3.10 1.40 1.20 0.85	1000W V, 1000W H
380W	40200	3500K	70	89%	>162,000	1.36 Bronze	3.10 1.40 1.20 0.85	1000W V, 1000W H
380W	41100	4000K	70	89%	>162,000	1.36 Bronze	3.10 1.40 1.20 0.85	1000W V, 1000W H
380W	42660	5000K	70	89%	>162,000	1.36 Bronze	3.10 1.40 1.20 0.85	1000W V, 1000W H
480W	49400	3000K	70	89%	>162,000	1.44 Bronze	4.00 2.30 1.40 1.10	1000W V, 1000W H
480W	50650	3500K	70	89%	>162,000	1.44 Bronze	4.00 2.30 1.40 1.10	1000W V, 1000W H
480W	51800	4000K	70	89%	>162,000	1.44 Bronze	4.00 2.30 1.40 1.10	1000W V, 1000W H
480W	54260	5000K	70	89%	>162,000	1.44 Bronze	4.00 2.30 1.40 1.10	1000W V, 1000W H

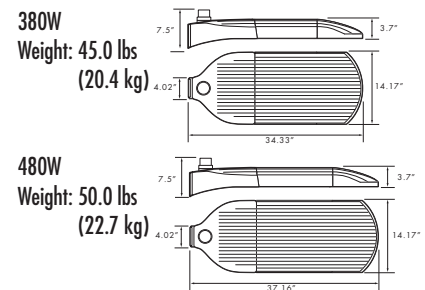
NOTE: Lumens listed are for Type V distribution

† Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Benefits and Features

- Available in 3 different distribution types: Type-3, Type=4 and Type=5 Wide
- Replace 1000W HID with 380W LED

Dimensions

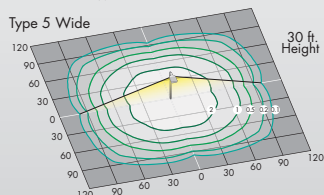
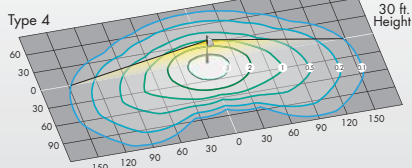
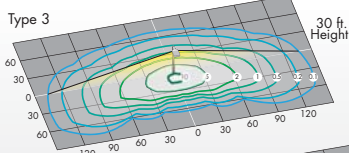


For Wattages 380W and 480W Distribution Type	B-U-G Rating
Type III	B4-U0-G4
Type IV	B4-U0-G5
Type V	B5-U0-G5

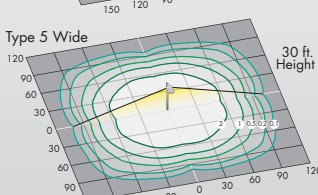
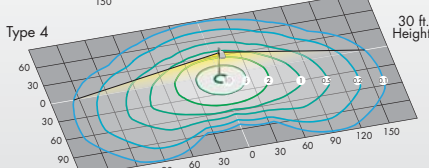
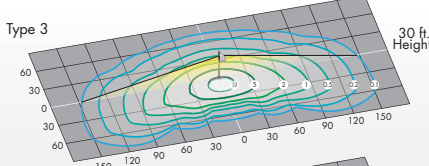


Photometrics

380W



480W



Accessories (Order as separate line items)

Mounting Accessories for 380W and 480W

- EN14628 Round pole straight arm - bronze
- EN27395 Square pole mount - bronze
- EN36717 Adjustable slipfitter - bronze
- EN38159 Mast arm (Horizontal tenon) - bronze



3000K color temperature and fixed mounting must be selected for IDA approval

LED BOLLARDS

Bollards

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Top Type	Rated Life (hrs) [†]	Fixture Color	Amp. Draw (A)		Replaces Existing HID Wattages	DLC Model Number
								120V	277V		
28W	BL37461	3040	3000K	70	Flat	50,000	Bronze	0.25	0.11	175W	BL2-30WA
28W	BL72132	3100	3500K	70	Flat	50,000	Bronze	0.25	0.11	175W	BL2-30BA
28W	BL12820	3125	4000K	70	Flat	50,000	Bronze	0.25	0.11	175W	BL2-30NA
28W	BL26137	3180	5000K	70	Flat	50,000	Bronze	0.25	0.11	175W	BL2-30CA
28W	BL51494	3040	3000K	70	Dome	50,000	Bronze	0.25	0.11	175W	BL1-30WA
28W	BL27641	3100	3500K	70	Dome	50,000	Bronze	0.25	0.11	175W	BL1-30BA
28W	BL51622	3125	4000K	70	Dome	50,000	Bronze	0.25 <td 0.11	175W	BL1-30NA	
28W	BL75142	3180	5000K	70	Dome	50,000	Bronze	0.25	0.11	175W	BL1-30CA

Benefits and Features

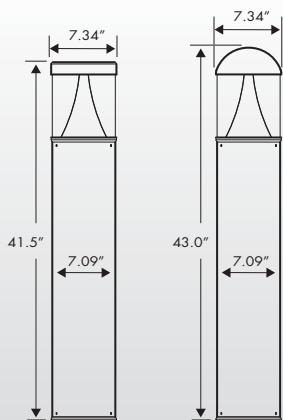
- Available in 5000K and 4000K color temperature
- Rugged die cast housing with a durable powder coat finish
- Available in two styles: flat-top or dome
- Optical chamber is sealed and gasketed
- 10KA surge protection
- 5 year warranty
- Suitable for wet locations, IP65
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard to maximize energy savings
- Mounting kit included



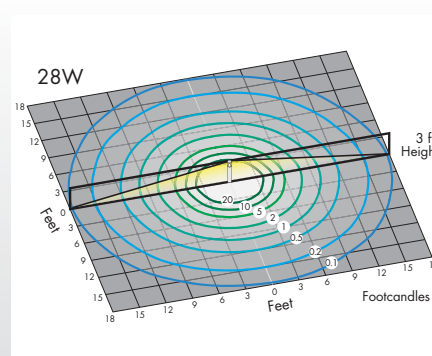
Mounting kit contains anchor bolts and mounting template shown here



Photometrics



Dimensions



Wattage	B-U-G Rating
28W	B1-U3-G1

Accessories (Order as separate line items)

- AC17783 Backlight shield



IP65



LED SURFACE MOUNT CANOPY LIGHTING

Breezeway



Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
23W	CP71667	2670	5000K	70+	98%	>500,000	White	0.21	0.09	70W	CPA-03C-25NDA-xxAC01
41W	CP91141	4800	5000K	70+	98%	>500,000	White	0.35	0.16	100W	CPA-03C-45NDA-xxAC01
54W	CP87385	6470	5000K	70+	98%	>500,000	White	0.46	0.22	175W	CPA-03C-60NDA-xxAC01
72W	CP25052	9000	5000K	70+	97%	>500,000	White	0.61	0.27	250W	CPA-03C-80NDA-xxAC01

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

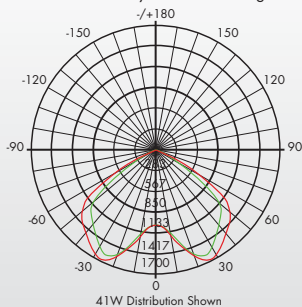
Benefits and Features

- Heavy-duty aluminum housing with a durable powder coat finish
- High-performance, UV stabilized acrylic optics
- Optical chamber is sealed and gasketed
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- Up to 76% Energy Savings
- Rated for wet locations
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard

Photometrics

Breezeway

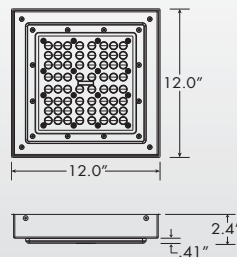
Luminous Intensity Distribution Diagram



Dimensions

Breezeway

Weight: 6.8 lbs (3.08 kg)



LED RECESSED CANOPY LIGHTING

Cascade

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
23W	CP47526	2670	4000K	70	98%	>500,000	White	0.21	0.09	70W	CPC-03N-25NDA-xxAC01
23W	CP82401	2696	5000K	70	98%	>500,000	White	0.21	0.09	70W	CPC-03C-25NDA-xxAC01
41W	CP43127	4810	4000K	70	98%	>500,000	White	0.35	0.16	100W	CPC-03N-45NDA-xxAC01
41W	CP92745	4498	5000K	70	98%	>500,000	White	0.35	0.16	100W	CPC-03C-45NDA-xxAC01
54W	CP74135	6580	4000K	70	98%	>500,000	White	0.46	0.22	175W	CPC-03N-60NDA-xxAC01
54W	CP48715	6161	5000K	70	98%	>500,000	White	0.46	0.22	175W	CPC-03C-60NDA-xxAC01
72W	CP62528	8940	4000K	70	97%	>500,000	White	0.61	0.27	250W	CPC-03N-80NDA-xxAC01
72W	CP36619	8364	5000K	70	97%	>500,000	White	0.61	0.27	250W	CPC-03C-80NDA-xxAC01

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

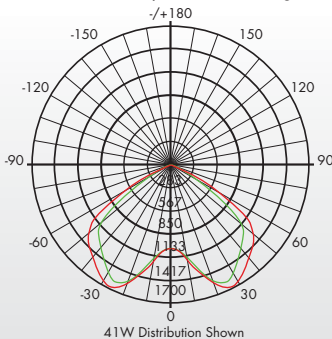
Benefits and Features

- Heavy-duty aluminum housing with a durable powder coat finish
- High-performance, UV stabilized acrylic optics
- Optical chamber is sealed and gasketed
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- 5 year warranty
- Up to 76% Energy Savings
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard to maximize energy savings

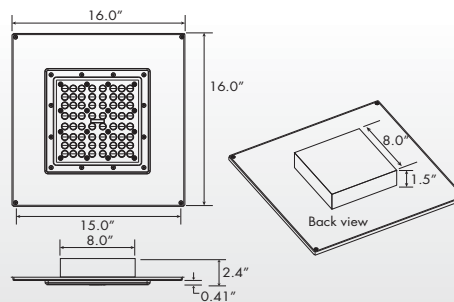


Photometrics

Luminous Intensity Distribution Diagram



Dimensions



Gas Station Canopy



Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	DLC Model Number
150W	CP62135*	19100	4000K	80+	93%	216,000	White	1.30	0.56	400W	CPT-150NFA1
150W	CP51419	19500	5000K	80+	93%	216,000	White	1.30	0.56	400W	CPT-150CFA1

NOTE: * Contact for lead time

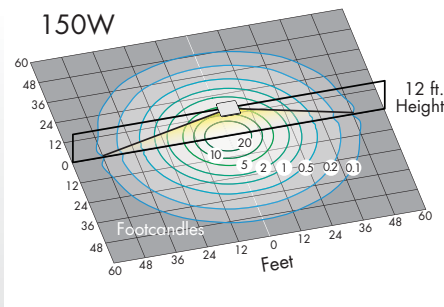
† Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



Benefits and Features

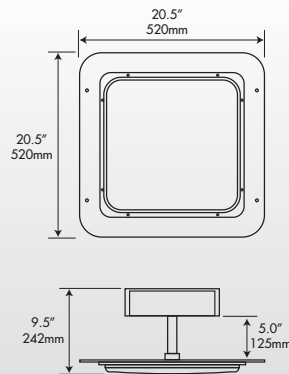
- Constructed from heavy-duty aluminum
- Designed for surface mounting
- Low profile, lightweight design
- Vandal resistant polycarbonate lens
- Operating temperature range of -40° C to 40° C
- DesignLights Consortium® (DLC) qualified
- 5 year warranty
- UL Rated for wet locations

Photometrics



Dimensions

Weight: 14.5 lbs (6.58 kg)



Accessories (Order as separate line items)

- SP12714 - Surge protector (120-277V)



LED PARKING GARAGE

Parkway without sensor

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A)		Replaces Existing HID Wattages	DLC Model Number
41W	CP45021	4600	5000K	70	98%	>500,000	White	0.35	0.16	100W	CPA-03C-45WDA-xxAC01
54W	CP54776	6160	5000K	70	98%	>500,000	White	0.46	0.22	175W	CPA-03C-60WDA-xxAC01
72W	CP86738	8590	5000K	70	97%	>500,000	White	0.61	0.27	250W	CPA-03C-80WDA-xxAC01

Greenway with integrated sensor

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A)		Replaces Existing HID Wattages	DLC Model Number
41W	CP97593	4600	5000K	70	98%	>500,000	White	0.35	0.16	100W	CPB-03C-45WDA-xxAC01
54W	CP38074	6160	5000K	70	98%	>500,000	White	0.46	0.22	175W	CPB-03C-60WDA-xxAC01
72W	CP96209	8590	5000K	70	97%	>500,000	White	0.61	0.27	250W	CPB-03C-80WDA-xxAC01

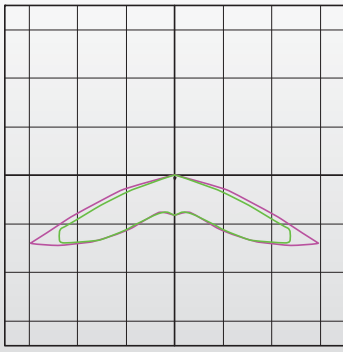
NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Benefits and Features

- Heavy-duty aluminum housing with a durable powder coat finish
- Occupancy and daylight sensor pre-installed
- High-performance, UV stabilized acrylic optics
- Optical chamber is sealed and gasketed
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- 5 year warranty
- Up to 76% Energy Savings
- Rated for wet locations
- Universal 120-277V 50/60 Hz input
- 0-10V DC dimming standard to maximize energy savings
- Can be surface or pendant mounted



Photometrics

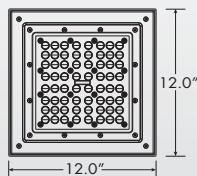


Wide Distribution*

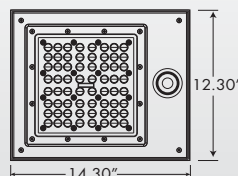
Max. 65° H
0° H
90° H

Dimensions

Parkway
Without Sensor
Weight: 6.8 lbs (3.08 kg)



Greenway
With Sensor
Weight: 7.5 lbs (3.40 kg)



Accessories (Order as separate line items)

- PH46224 Wireless program tool



LED PARKING GARAGE



120-277V

Wattage	Order Code	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Color	Amp. Draw (A) 120V	Amp. Draw (A) 277V	Replaces Existing HID Wattages	Model Number
44W	CP16416	4470	4000K	75+	87%	134,000	Bronze	0.38	0.17	175W	CPV-35NA
44W	CP52347	4500	5000K	75+	87%	134,000	Bronze	0.38	0.17	175W	CPV-35CA
84W	CP13491	8360	4000K	75+	87%	129,000	Bronze	0.71	0.32	250W	CPV-84NA
84W	CP48164	8300	5000K	75+	87%	129,000	Bronze	0.71	0.32	250W	CPV-84CA

SafeLit

347-480V

Wattage	Order Code	Lumen Output	Colour Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture Colour	Amp. Draw (A) 347V	Amp. Draw (A) 480V	Replaces Existing HID Wattages	Model Number
35W	CP29312	3700	4000K	70	87%	134,000	Bronze	0.38	0.17	175W	CPV-35NB
35W	CP18762	3750	5000K	70	87%	134,000	Bronze	0.38	0.17	175W	CPV-35CB
84W	CP18416	8320	4000K	70	87%	129,000	Bronze	0.71	0.32	250W	CPV-84NB
84W	CP29871	8300	5000K	70	87%	129,000	Bronze	0.71	0.32	250W	CPV-84CB

SafeLit

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

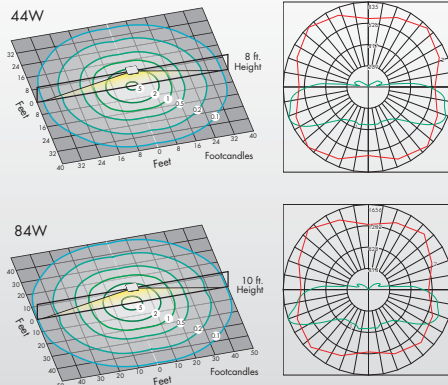


NOTE: shown with factory installed motion sensor

Benefits and Features

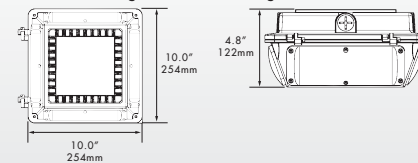
- Polycarbonate optics provide up-light to eliminate "cave effect"
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- 0-10V DC dimming standard to maximize energy savings
- Surface or pendant mount
- Custom color available (contact for lead time)
- Factory installed motion/dimming/photocell sensor option available

Photometrics

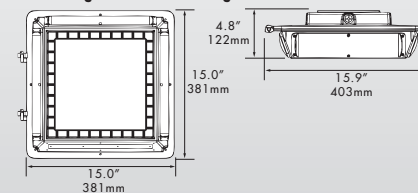


Dimensions

44W/35W: Weight: 10 lbs (4.54 kg)



84W: Weight: 21 lbs (9.53 kg)



Accessories (Order as separate line items)

- PH46224 - Wireless program tool
 - PH41817 - Wireless Program Motion/Photocell/Dimming Sensor
 - PH18673 - Sensor lens for garage (low mounting height) applications
 - SP12714 - Surge protector (120-277V)
 - BB24624 - Battery Backup (120-277V only)
 - ACS7163 - conduit adapter for battery back-up
- For a factory installed motion/dim/photocell sensor add "-M12" after order code for 120-277V
- For a factory installed motion/dim/photocell sensor add "-M34" after order code for 347-480V
- Not applicable for 35W fixtures



CROSSCOURT TENNIS LIGHTING

Ordering & Model Number Information

Choose nomenclature that suits application. Example: **ENV-200CTT-ABZ-M12**

ENV-	200	C	TT-	A	BZ-	SH	M12
Fixture Type	Wattage	Color Temp.	Optics	Voltage	Fixture Finish	Shield	Options

- ENV - Venture's LED Tennis Fixture
- 120 - 120W
 - 150 - 150W
 - 200 - 200W
 - 380 - 380W
 - 480 - 480W
- C - Color Temp.
- C - 5000K
 - N - 4000K
- TT - Optics
- TT - Tennis
- A - Voltage
- A - 120-277V
 - B - 347-480V
- BZ - Fixture Finish
- BZ - Bronze
- SH - Shield
- "Blank" - No backlight shield
 - SH - Backlight shield†
- M12 - Options
- "Blank" - No motion sensor
 - M12 - 120-277V motion sensor
 - M34 - 347-480V motion sensor

Notes: Other fixture finish colors available, contact for details
 Notes: † = For Type III and Type IV only; ‡ = 380W/480W only

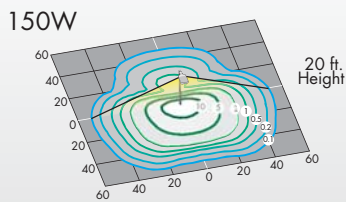


CrossCourt

Wattage	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours†	Calc. L70@25°C Amb.(hrs)†	Fixture EPA Color	Amperage Draw (A)	Replaces Existing HID Wattages
120W	12800	4000K	70	99%	>500,000	0.67 Bronze	1.00 0.44 0.36 0.26	175W V, 250W H
120W	12900	5000K	70	99%	>500,000	0.67 Bronze	1.00 0.44 0.36 0.26	175W V, 250W H
150W	17100	4000K	70	99%	>500,000	0.70 Bronze	1.30 0.55 0.45 0.32	250W V, 400W H
150W	17200	5000K	70	99%	>500,000	0.70 Bronze	1.30 0.55 0.45 0.32	250W V, 400W H
200W	24000	4000K	70	99%	>500,000	0.78 Bronze	1.70 0.73 0.58 0.43	400W V, 1000W H
200W	24150	5000K	70	99%	>500,000	0.78 Bronze	1.70 0.73 0.58 0.43	400W V, 1000W H

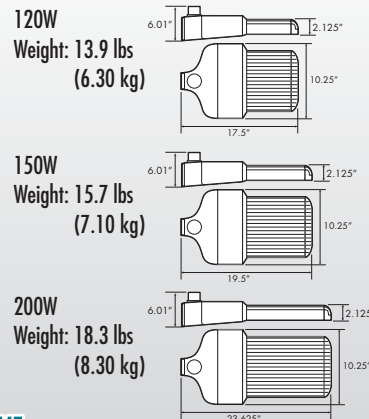
NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Photometrics



Wattage	B-U-G Rating
120W	B3-U0-G1
150W	B3-U0-G2
200W	B3-U0-G2

Dimensions



Accessories (Order as separate line items)

Mounting Accessories for 120W through 200W

- EN14178 - Round pole straight arm - bronze
- EN26814 - Square pole mount - bronze
- EN35512 - Adjustable slipfitter - bronze
- EN38419 - Mast arm (Horizontal tenon) - bronze
- EN47832 - Wall mount - bronze

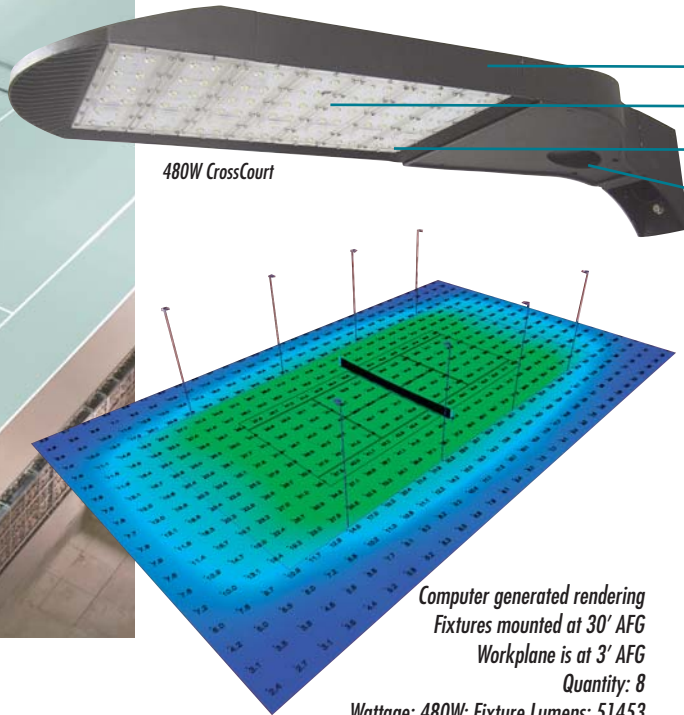


High Lumen CrossCourt



Wattage	Lumen Output	Color Temp.	CRI	Lumen Maint. @50,000 hours [†]	Calc. L70@25°C Amb.(hrs) [†]	Fixture EPA	Color	Amperage Draw (A)				Replaces Existing HID Wattages
								120V	277V	347V	480V	
380W	39500	4000K	70	89%	>162,000	1.36	Bronze	3.20	1.40	1.20	0.82	1000W V, 1000W H
380W	39700	5000K	70	89%	>162,000	1.36	Bronze	3.20	1.40	1.20	0.82	1000W V, 1000W H
480W	51200	4000K	70	89%	>162,000	1.44	Bronze	4.00	1.80	1.40	1.00	1000W V, 1000W H
480W	51450	5000K	70	89%	>162,000	1.44	Bronze	4.00	1.80	1.40	1.00	1000W V, 1000W H

NOTE: † Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11



480W CrossCourt

Computer generated rendering
Fixtures mounted at 30' AFG
Workplane is at 3' AFG
Quantity: 8

Wattage: 480W; Fixture Lumens: 51453
Average footcandle (Courtside): 35.96
Max. footcandle (Courtside): 43.3

Benefits and Features

- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Optical chamber is sealed and gasketed
- Capable of adding motion/photocell sensor
- Operating temperature range of -40° C to 40° C
- 10kA surge protection
- UL Listed for wet locations
- Universal 120-277V 50/60 Hz input or 347-480V input
- Each fixture will be supplied with a 7-pin receptacle and a shorting cap
- 0-10V DC dimming standard to maximize energy savings
- Reduced glare
- Superior spill light control
- Longer product life - Reduced maintenance costs
- Ability to illuminate individual courts when coupled with controls
- Lower visual impact on the surrounding environment
- Perfect for lower poles

Accessories (Order as separate line items)

Mounting Accessories for 380W and 480W

- EN14628 - Round pole straight arm - bronze
- EN27395 - Square pole mount - bronze
- EN36717 - Adjustable slipfitter - bronze
- EN38159 - Mast arm (Horizontal tenon) - bronze

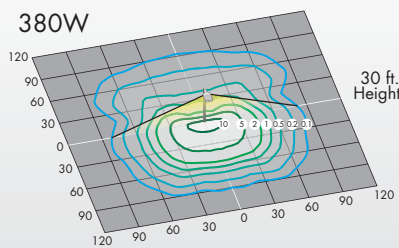


Common Accessories for All CrossCourt Fixtures

- PH12415 - 3-Pin Twist lock photocell (120-277V)
- PH81156 - 3-Pin Twist lock photocell (480V)
- PH87145 - 3-Pin Twist lock photocell (347V)
- PH81975 - Replacement shorting cap
- SP12714 - 120-277V surge protector
- SP12826 - 347-480V surge protector
- PH46224 - Wireless Program Tool

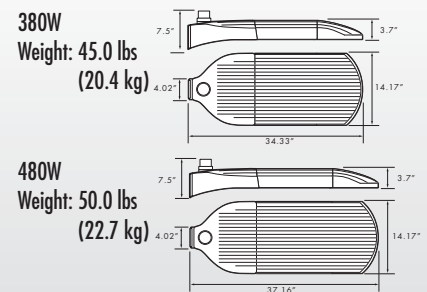


Photometrics



Wattage	B-U-G Rating
380W	B4-U0-G4
480W	B4-U0-G4

Dimensions



LED RETROFIT LAMPS



54W LED Retrofit lamp

LED RETROFIT LAMPS



Medium Base Lamps

Wattage	Order Code	Base Type	Lumen Output	Color Temperature	CRI	Rated Life (hrs)	Power Factor	THD	Replaces Existing HID Wattages
8W	LP16735	E26	960	3000K	80	50,000	>0.90	<20%	50
8W	LP15229	E26	960	4000K	80	50,000	>0.90	<20%	50
10W	LP18512	E26	1200	3000K	80	50,000	>0.90	<20%	50
10W	LP88549	E26	1200	4000K	80	50,000	>0.90	<20%	50
14W	LP26748	E26	1680	3000K	80	50,000	>0.90	<20%	70
14W	LP96356	E26	1680	4000K	80	50,000	>0.90	<20%	70
18W	LP31517	E26	2160	3000K	80	50,000	>0.90	<20%	100
18W	LP27843	E26	2160	4000K	80	50,000	>0.90	<20%	100
22W	LP36178	E26	2640	3000K	80	50,000	>0.90	<20%	175
22W	LP76418	E26	2640	4000K	80	50,000	>0.90	<20%	175
27W	LP66419	E26	3240	4000K	80	50,000	>0.90	<20%	175
27W	LP26134	E26	3240	5000K	80	50,000	>0.90	<20%	175
36W	LP12893	E26	4320	4000K	80	50,000	>0.90	<20%	175
36W	LP16524	E26	4320	5000K	80	50,000	>0.90	<20%	175
45W	LP79493	E26	5400	4000K	80	50,000	>0.90	<20%	175
45W	LP16844	E26	5400	5000K	80	50,000	>0.90	<20%	175
54W	LP62668	E26	6500	4000K	80	50,000	>0.90	<20%	250
54W	LP34156	E26	6500	5000K	80	50,000	>0.90	<20%	250

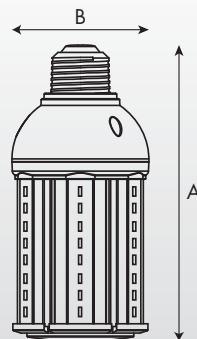
Mogul Base Lamps

Wattage	Order Code	Base Type	Lumen Output	Color Temperature	CRI	Rated Life (hrs)	Power Factor	THD	Replaces Existing HID Wattages
27W	LP34559	E39	3240	4000K	80	50,000	>0.90	<20%	175
27W	LP52712	E39	3240	5000K	80	50,000	>0.90	<20%	175
36W	LP23748	E39	4320	4000K	80	50,000	>0.90	<20%	175
36W	LP16981	E39	4320	5000K	80	50,000	>0.90	<20%	175
45W	LP48460	E39	5400	4000K	80	50,000	>0.90	<20%	175
45W	LP26126	E39	5400	5000K	80	50,000	>0.90	<20%	175
54W	LP85756	E39	6500	4000K	80	50,000	>0.90	<20%	250
54W	LP48412	E39	6500	5000K	80	50,000	>0.90	<20%	250
100W	LP28509	E39	13,500	4000K	80	50,000	>0.90	<20%	400
100W	LP28192	E39	13,500	5000K	80	50,000	>0.90	<20%	400
125W	LP15217	EX39	16,000	4000K	80	50,000	>0.90	<20%	400
125W	LP18812	EX39	16,000	5000K	80	50,000	>0.90	<20%	400

Benefits and Features

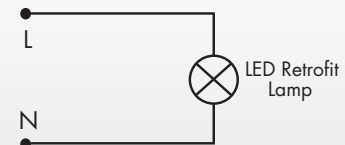
- Up to 5 times longer life and 80% energy savings compared to 50W through 400W metal halide lamps
- Improved reliability and reduced maintenance costs
- Universal Burn Position - Omnidirectional (base-up/base-down/horizontal operation)
- Easy installation, standard E26 and E39 bases available
- 5 year warranty
- Integrated driver
- E39 based lamps are DLC Qualified

Dimensions



Wattage	A (in)	B (in)
8	4.84	2.36
10	5.63	2.36
14	5.75	2.76
18	6.54	2.76
22	7.32	2.76
27	8.07	3.66
36	9.25	3.66
45	10.13	3.66
54	10.13	3.66
100	11.42	4.91
125	10.79	5.75

Wiring



Easy to install - bypass ballast and provide voltage directly to lamp

Accessories (Order as separate line items)

- SP12714 - Surge protector (120-277V)



SPECIALTY LED RETROFIT LAMPS

Directional Mogul Base Lamps

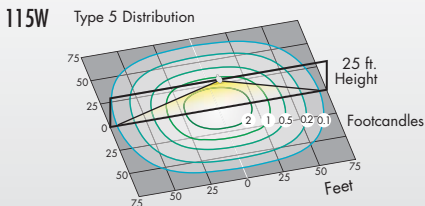
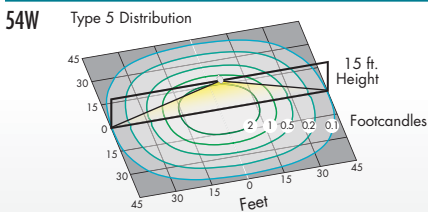
Wattage	Order Code	Base Type	Lumen Output	Color Temperature	CRI	Rated Life (hrs)	Distribution	Power Factor	THD	Model Number
54W	LP23618	E39	6500	4000K	70	50,000	Type V	>0.90	<20%	HR-54T5A2-E39AK-4K
54W	LP27189	E39	6500	5000K	70	50,000	Type V	>0.90	<20%	HR-54T5A2-E39AK-5K
115W	LP31725	E39	13500	4000K	70	50,000	Type V	>0.90	<20%	HR-115T5A-E39AK-4K
115W	LP38561	E39	13500	5000K	70	50,000	Type V	>0.90	<20%	HR-115T5A2-E39AK-5K

Benefits and Features

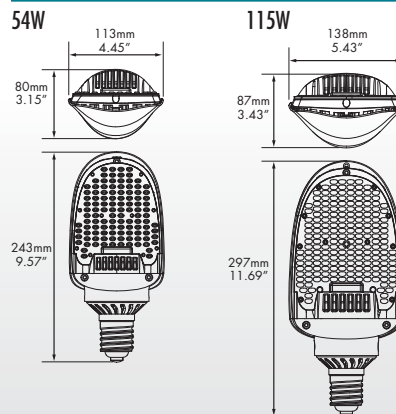
- Simple energy saving solution providing significant maintenance savings
- Integrated driver design makes an ideal upgrade from traditional technologies
- Up to 5 times longer life and 80% energy savings compared to HID
- 5 year warranty
- Horizontal burn position
- Easy installation
- Reduced maintenance costs
- Perfect for applications such as area, flood and wallpack lighting
- Rotatable base for easy positioning



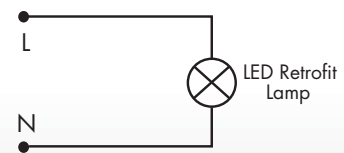
Photometrics



Dimensions



Wiring



Easy to install - bypass ballast and provide voltage directly to lamp

Accessories (Order as separate line items)

- SP12714 - Surge protector (120-277V)



SPECIALTY LED RETROFIT LAMPS



Lowbay - Retrofit Lamp

Wattage	Order Code	Base Type	Lumen Output	Color Temperature	CRI	Rated Life (hrs)	Power Factor	THD	Model Number
40W	LP91312	E26	4800	4000K	80	50,000	>0.90	<20%	OR-040AA-E26-4K
40W	LP27198	EX39	4800	4000K	80	50,000	>0.90	<20%	OR-040AA-EX39-4K

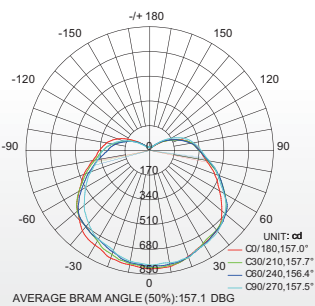
NOTE: Other color temperatures available: 2700K, 3000K, 3500K and 5000K, contact for lead time



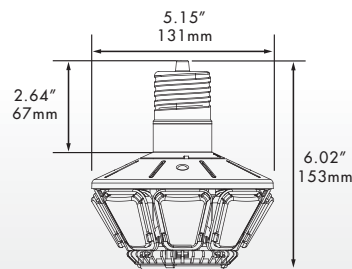
Benefits and Features

- Energy saving replacement for 175W MH or HPS
- Up to 5 times longer life and 80% energy savings compared to HID
- 5 year warranty
- Easy installation
- Reduced maintenance costs
- Perfect for applications such as lowbays, canopies, garages, and general illumination
- EX39 based lamp is DLC Qualified

Photometrics

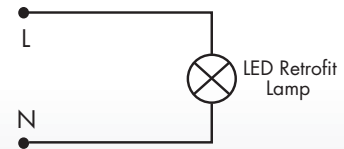


Dimensions



Dimensions the same for both EX39 and E26 base versions

Wiring



Easy to install - bypass ballast and provide voltage directly to lamp

Accessories (Order as separate line items)

- SP12714 - Surge protector (120-277V)



Photosensors/Shorting Cap

Order Code	Description	Voltage Range	Product Color
PH56903	Button Photocell (120-277V)	120-277V AC	Black
PH12415	Twist lock photocell (120-277V)	105-305V AC	Blue
PH81156	Twist lock photocell (480V)	480V AC	Yellow
PH87145	Twist lock photocell (347V)	347V AC	Black
PH81975	Twist lock shorting cap	120-480V AC	Black

Dry-Damp Rated Sensors* Motion-Photocell-Dimming Control

Order Code	Description	Voltage Range	Product Color
PH41623	Motion Only Control Sensor	120-277V AC	White
PH77409	Motion/Photocell/Dimming Control Sensor	120-277V AC	White
PH48156	Motion Only Control Sensor	347-480V AC	White
PH52321	Motion/Photocell/Dimming Control Sensor	347-480V AC	White

Wet Rated Sensors* Motion-Photocell-Dimming Control

Order Code	Description	Voltage Range	Product Color
PH21458	Wet Rated Motion Only Control Sensor	120-277V AC	White
PH27419	Wet Rated Motion/Photocell/Dimming Control Sensor	120-277V AC	White
PH28534	Wet Rated Motion Only Control Sensor	120-277V AC	Bronze
PH31256	Wet Rated Motion/Photocell/Dimming Control Sensor	120-277V AC	Bronze
PH36512	Wet Rated Motion Only Control Sensor	347-480V AC	White
PH37415	Wet Rated Motion/Photocell/Dimming Control Sensor	347-480V AC	White
PH46145	Wet Rated Motion Only Control Sensor	347-480V AC	Bronze
PH48159	Wet Rated Motion/Photocell/Dimming Control Sensor	347-480V AC	Bronze

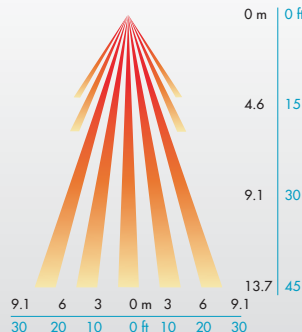
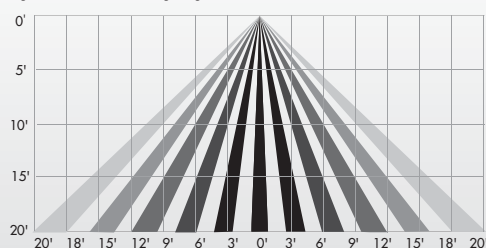
Wireless Programmed Sensors with lens

Order Code	Description	Voltage Range	Product Color
PH41817	Wireless Programmed Motion/Photocell/Dimming Control Sensor	120-277V AC	White
PH46224	Wireless Programming Tool	N/A	Black
PH47512	Lens for High Mount Applications (Area Lighting)	N/A	White
PH18673	Lens for Low Mount Applications (Parking Garage)	N/A	White
PH52149	Wireless Programmed Motion/Photocell/Dimming Control Sensor	12-32V DC	White

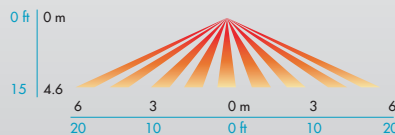
Note: * With high mount lens

Dry and damp rated sensors viewing angle and Wet rated sensors have the same standard lens

High Mount Lens (Area Lighting)



Low Mount Lens (Parking Garage)



DIMMING CONTROLS

To compliment Venture LED indoor lighting fixtures, Venture Lighting offers a range of Lutron wireless sensors & controllers to maximize energy savings in new & existing commercial buildings. Venture Lighting LED fixture that are compatible with Lutron Wireless Lighting Controls, will have this symbol on the page. To complete most lighting solutions Venture Lighting is happy to offer the following Lutron controls. Contact Venture Lighting or your Venture Lighting Representative for more information.



Product Colors *Select from these color below*



Area Dimming and Sensing

Private office

Dim a group of lights together while also providing manual control. Save additional energy with daylight harvesting.



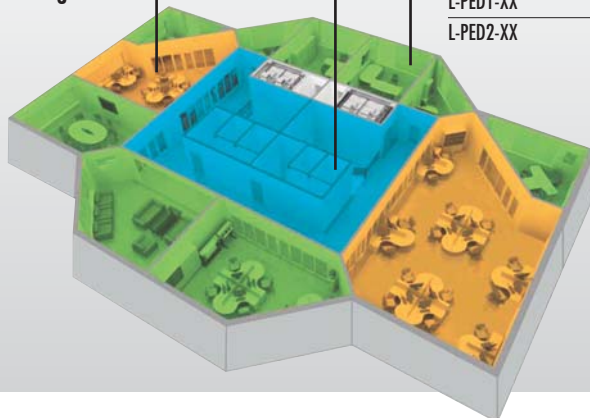
Simple Switching

Restroom

Occupancy sensors control all lights together by switching lights on and off in response to room occupancy.



Individual fixture dimming and sensing



Lutron Controls *PowPack - Wireless (RF) Controllers*

Part Number	Description
RMJS-16R-DV-B	Control lighting zone in the space, 16 amp, On/ Off
RMJS-5R-DV-B	Control lighting zone in the space, 5 amp, On/ Off
RMJS-8T-DV-B	Control 0-10 V lighting zone in the space, 8 amp, On/ Off, 0-10v dimming
RMJS-CCO1-24-B	Control additional contact closure output, VAV terminal unit
RMJS-20R-DV-B	Control each 20 A receptacle circuit you want to control, 20A receptacle circuit
FCJS-010	Control each fixture in the space, 1 amp per fixture, 0-10v dimming
FCJS-010-BULK8	Control each fixture in the space, 1 amp per fixture, 0-10v dimmingBlack

Lutron Sensors *Radio Powr Savr - Occupancy, Vacancy & Daylight Sensors*

Part Number	Description
LRF2-OCR2B-P-WH	Ceiling-mount, 360° field-of-view, occupancy/vacancy sensor
LRF2-OWLB-P-WH	Wall-mount, 180° field-of-view, occupancy/vacancy sensor
LRF2-VWLB-P-WH	Wall mount, 180° field-of-view, sensor Vacancy only
LRF2-OKLB-P-WH	Corner-mount, 90° field-of-view, occupancy/vacancy sensor
LRF2-VKLB-P-WH	Corner-mount, 90° field-of-view, vacancy only sensor
LRF2-OWLB-P-WH	Hallway, occupancy/vacancy sensor
LRF2-VHLB-P-WH	Hallway, vacancy only sensor
LRF2-DCRB-WH	Ceiling-mount daylight sensor
DFCSJ-OEM-RF	DALI/EcoSystem In-Fixture RF Module with Integral Occ/Daylight Sensor
DFCSJ-OEM-OCC	DALI/EcoSystem In-Fixture RF Module Only

Lutron Switches *Maestro - Wireless Wall Mounted Switches & Dimmers*

Part Number	Description
MRF2S-6ANS-XX	Vive Maestro Wireless Switch 6 AMP (Neutral Needed) On/Off
MRF2S-8S-DV-XX	Maestro Wireless 8 Amp Multi-location Switch On/ Off
MRF2S-8ANS-120-XX	8A lighting, 5.8A fan (1/4HP motor), spec grade, 120V (Neutral Needed) On/ Off
MRF2S-6CL-XX	150W dimmable CFL/LED, 600W incandescent, halogen, 600VA MLV, 120V, no neutral
MRF2S-6ELV-XX	600W ELV, 120V (Electric Low Voltage)

Lutron Remotes and Accessories *Pico*

Part Number	Description
PJ2-2BRL-GXX-L01	2-button with raise/lower
PJ2-2B-GXX-L01	2-button
PJ2-3BRL-GXX-L01	3-button with raise/lower
PJ2-3B-GXX-L01	3-button
CW-1-XX	Claro 1-gang wall plate
CW-2-XX	Claro 2-gang wall plate
PICO-WBX-ADAPT	wireless remote wall box adapter
L-PED1-XX	wireless remote single pedestal
L-PED2-XX	wireless remote double pedestal

POLE OPTIONS



VSS Square Straight Steel Pole



POLE OPTIONS FOR VENTURE LED AREA LIGHTING



Complete the Package

Venture Lighting's LED area lighting luminaries include the VFlood and the Environ families.

VFlood

Available in 121W, 212W and 285W, these fixtures are assembled in the U.S.A. at our manufacturing center in greater Cleveland, Ohio.

- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Twist lock photocell receptacle and shorting cap included with the fixture.
- Operating temperature range of -40° C to 40° C
- 10KA surge protection
- DesignLights Consortium® (DLC) qualified
- 0-10V DC dimming standard

Environ

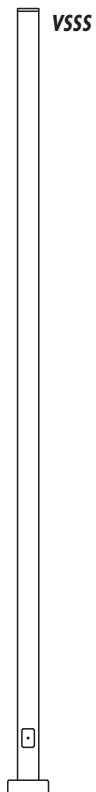
Available in 120W, 150W, 200W, 380W and 480W, these fixtures are assembled in the U.S.A. at our manufacturing center in greater Cleveland, Ohio.

Low profile design featuring long life and low maintenance. Perfect for new construction and easy replacement of existing area lighting fixtures. The robust design paired with a variety of mounting options makes them ideal for locations, such as, retail, parking and street lighting.

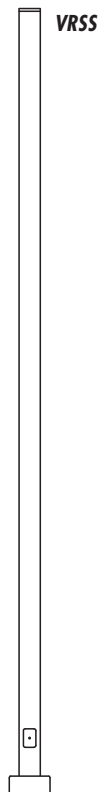
- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Optical chamber is sealed and gasketed
- Capable of adding motion sensor (factory installed)
- Each fixture will be supplied with a 7-pin receptacle and a shorting cap
- Operating temperature range of -40° C to 40° C
- 10kA surge protection
- 5 year warranty
- 80% Energy Savings
- UL Rated for wet locations
- Universal 120-277V 50/60 Hz input or 347-480V input
- 0-10V DC dimming standard to maximize energy savings

Poles Types

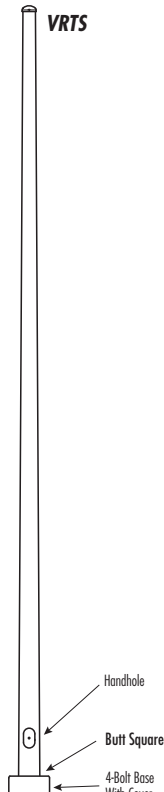
Square Straight



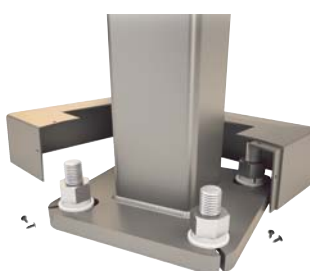
Round Straight



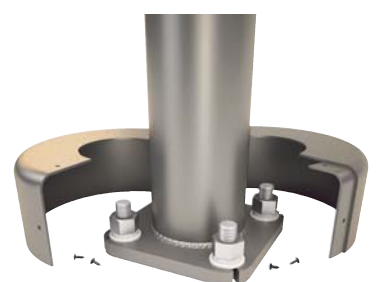
Tapered Round



Square Straight



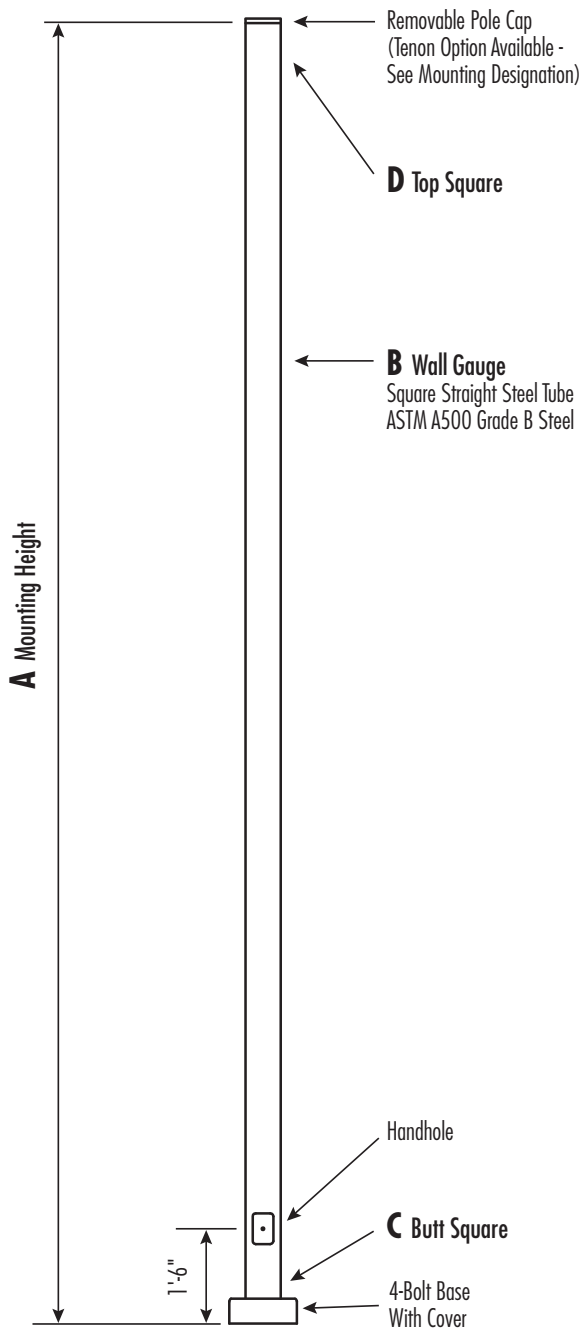
Round Straight



SQUARE STRAIGHT POLE OPTIONS

VSSS

Square Straight Steel Pole No Arm — 4-Bolt Base



Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification.

C BUTT Sq.	D TOP Sq.	F BOLT CIR. DIA.	G BASE Sq.	H BOLT PROJ.	I BOLT SIZE
4 (11 Gauge)	4	8 - 9	8	3.75	.75 x 17 x 3
4 (7 Gauge)	4	8 - 9	8	3.75	.75 x 30 x 3
5	5	10 - 12	11	4.875	1 x 36 x 4
6	6	11 - 13	12.5	4.875	1 x 36 x 4

WARNING: Do not install light pole without luminaire.

Dimensions in Inches

Pole

Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All Welds shall conform to AWS D1.2 using ER70S-6 electrodes.

Base Style

4-Bolt Steel Plate Base Flange of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware. Base Cover will be fabricated from ABS plastic or metal materials.



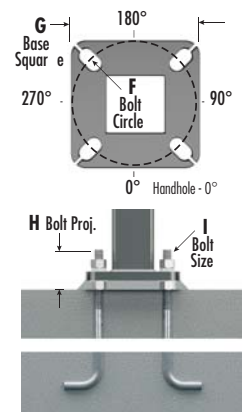
Handhole

Reinforced, 3" x 5" Handhole with Cover, Stainless Steel Screw and Backbar. A Grounding Provision incorporating a tapped 1/2"-13NC hole will be welded to the handhole frame.



Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



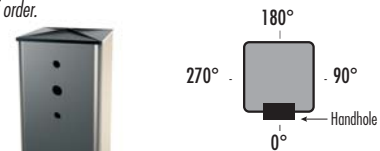
Vibration Damper

If determined necessary by pole manufacturer, a top-mount, field installed First Mode Vibration Damper will be provided. Customer specification of the damper is available.

Mounting Designation

Side Drill Mount

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.



Tenon Mount

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", 4", etc.) and length (3", 4", 5", 6", etc.).

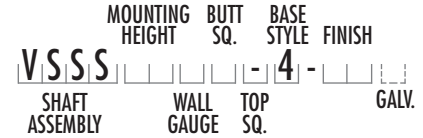


SQUARE STRAIGHT POLE OPTIONS

A MTG. HGT.	B WALL GAUGE	C BUTT SQ.	MAX. TOTAL LUMINAIRE WEIGHT (lbs)	MAXIMUM EPA						CATALOG NUMBER	ANCHOR BOLT KIT PART NUMBER
				90	100	110	120	130	140		
10	11	4	385	25.4	20.1	18.7	15.3	12.8	10.7	VSSS10B4-4**	BT82352
12	11	4	340	20.6	16.2	15.0	12.2	10.0	8.3	VSSS12B4-4**	BT82352
14	11	4	305	17.0	13.2	12.1	9.7	7.8	6.3	VSSS14B4-4**	BT82352
15	11	4	290	15.5	11.9	10.9	8.6	6.9	5.5	VSSS15B4-4**	BT82352
15	7	4	370	23.4	18.4	17.0	13.9	11.4	9.4	VSSS15D4-4**	BT82353
16	11	4	275	14.0	10.7	9.7	7.6	6.0	4.7	VSSS16B4-4**	BT82352
16	7	4	350	21.5	16.8	15.5	12.6	10.2	8.4	VSSS16D4-4**	BT82353
18	11	4	250	11.3	8.4	7.6	5.8	4.3	3.2	VSSS18B4-4**	BT82352
18	7	4	315	18.0	13.9	12.8	10.2	8.2	6.6	VSSS18D4-4**	BT82353
20	11	4	230	9.1	6.6	5.8	4.2	2.9	1.9	VSSS20B4-4**	BT82352
20	11	5	285	16.3	12.1	10.9	8.2	6.2	4.5	VSSS20B5-4**	BT82351
20	7	4	290	15.1	11.5	10.5	8.2	6.5	5.1	VSSS20D4-4**	BT82353
20	7	5	410	26.2	20.3	18.6	14.8	11.9	9.6	VSSS20D5-4**	BT82351
22	11	4	215	7.2	4.9	4.3	2.8	1.7	0.8	VSSS22B4-4**	BT82352
22	11	5	260	13.3	9.6	8.5	6.1	4.3	2.8	VSSS22B5-4**	BT82351
22	7	4	265	12.6	9.5	8.6	6.5	5.0	3.7	VSSS22D4-4**	BT82353
22	7	5	370	22.4	17.1	15.6	12.2	9.6	7.5	VSSS22D5-4**	BT82351
25	11	4	200	4.8	2.8	2.3	1.1	-	-	VSSS25B4-4**	BT82352
25	11	5	225	9.7	6.5	5.6	3.5	1.9	0.7	VSSS25B5-4**	BT82351
25	7	4	235	9.7	6.9	6.2	4.5	3.1	2.0	VSSS25D4-4**	BT82353
25	7	5	320	17.7	13.1	11.9	9.0	6.7	4.9	VSSS25D5-4**	BT82351
28	11	4	200	2.7	1.0	-	-	-	-	VSSS28B4-4**	BT82352
28	11	5	200	6.6	3.8	3.0	1.3	-	-	VSSS28B5-4**	BT82351
28	7	4	215	7.1	4.8	4.1	2.7	1.5	-	VSSS28D4-4**	BT82353
28	7	5	285	13.8	9.8	8.7	6.2	4.3	2.7	VSSS28D5-4**	BT82351
30	11	5	200	4.8	2.2	1.5	-	-	-	VSSS30B5-4**	BT82351
30	7	4	205	5.7	3.6	3.0	1.6	-	-	VSSS30D4-4**	BT82353
30	7	5	265	11.6	8.0	6.9	4.6	2.8	1.4	VSSS30D5-4**	BT82351
30	7	6	345	19.1	13.6	12.1	8.6	5.9	3.8	VSSS30D6-4**	BT82351
35	7	5	220	7.0	4.0	3.1	1.2	-	-	VSSS35D5-4**	BT82351
35	7	6	280	12.5	8.0	6.7	3.8	1.6	-	VSSS35D6-4**	BT82351
39	7	6	240	8.2	4.2	3.1	0.6	-	-	VSSS39D6-4**	BT82351

Catalog Number System

The catalog number for Venture Lighting poles utilizes the following identification system.



Catalog Number Example -

VSSS 20 D 5 - 4 - BA

Square Straight Steel, 20' Mounting Height,
 7 Gauge, 5" Butt Square, No Taper,
 4-Bolt Base, Black Powder Coat Finish.

Wall Gauge

B = 11 Gauge
 D = 7 Gauge

Butt Square

4 = 4"
 5 = 5"
 6 = 6"

Top Square

- = No Taper

Base Style

4 = 4-Bolt Anchor Base

Finish

BA = Black Powder Coat
 BH = White Powder Coat
 BM = Dark Bronze Powder Coat
 BV = Dark Green Powder Coat
 GC = Gray Powder Coat
 ** = Specify Finish
 00 = Galvanized Only (No Powder Coat)

Galvanization

G = Galvanized

Code "G" to be used only if pole is to be specified
 "Powder Paint Over Galvanized" or "Galvanized
 Only".



ABS plastic base covers are standard in all VSSS poles specified in BA-Black, BM-Dark Bronze, and BH-White. VSSS poles specified in all other colors will be manufactured of metal materials. Metal Base Covers for poles in BA, BM and BH can be specified.

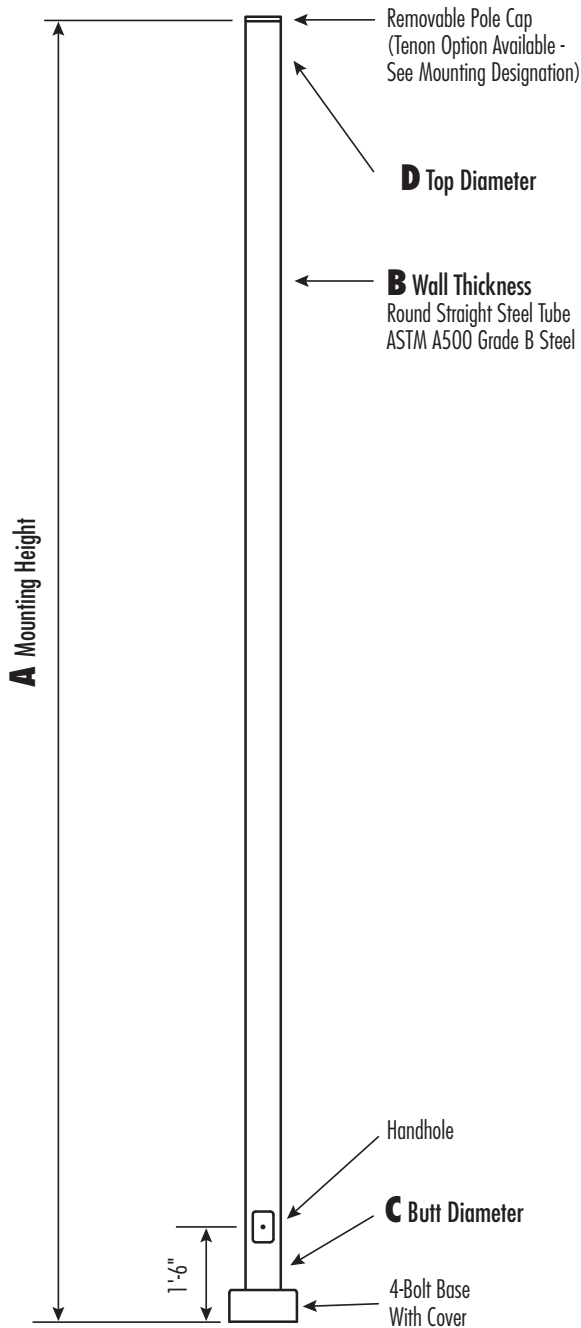
EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

ROUND STRAIGHT POLE OPTIONS

VRSS

Round Straight Steel Pole No Arm — 4-Bolt Base



Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification.

C BUTT DIA.	D TOP DIA.	F BOLT CIR. DIA.	G BASE SQ.	H BOLT PROJ.	I BOLT SIZE
3	3	7.5-8.5	8	3.75	.75 x 17 x 3
4	4	7.5-8.5	8	3.75	.75 x 17 x 3
4.5	4.5	7.5-8.5	8	3.75	.75 x 17 x 3
5 (11 Gauge)	5	7.5-8.5	8	3.75	.75 x 17 x 3
5 (7 Gauge)	5	8-9	8.75	4.875	1 x 36 x 4

WARNING: Do not install light pole without luminaire.

Dimensions in Inches

Pole

Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All Welds shall conform to AWS D1.2 using ER70S-6 electrodes.

Base Style

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and Attaching Hardware. Base Cover will be fabricated from ABS plastic or metal materials.



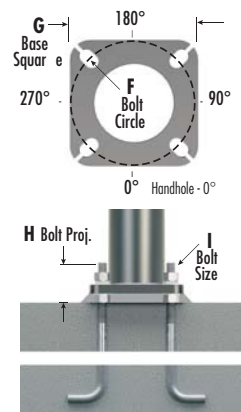
Handhole

3" Butt Diameter -
Reinforced, 2" x 4" Handhole with Cover And Stainless Steel Screws. A Grounding Provision incorporating a tapped 1/2"-13NC hole will be welded to the handhole frame.
4+ Butt Diameters -
Reinforced, 3" x 5" Handhole with Cover, Stainless Steel Screw and Back Bar. A Grounding Provision incorporating a tapped 1/2"-13NC hole will be welded to the handhole frame.



Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



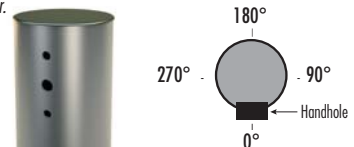
Vibration Damper

If determined necessary by pole manufacturer an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

Mounting Designation

Side Drill Mount

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.



Tenon Mount

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", 4", etc.) and length (3", 4", 5", 6", etc.).

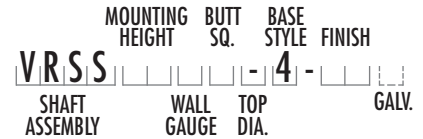


ROUND STRAIGHT POLE OPTIONS

A Mtg. Hgt.	B Wall Gauge	C Butt Dia.	MAX. TOTAL LUMINAIRE WEIGHT (lbs)	MAXIMUM EPA						CATALOG NUMBER	ANCHOR BOLT KIT PART NUMBER
				90	100	110	120	130	140		
8	11	3.0	525	10.2	8.1	7.5	6.2	5.1	4.3	VRSS08B3-4-*	BT82352
8	11	4.0	600	21.5	17.2	16	13.2	11.1	9.5	VRSS08B4-4-*	BT82352
8	11	4.5	600	28.3	22.7	21.1	17.5	14.9	12.8	VRSS08B6-4-*	BT82352
10	11	3.0	440	8.1	6.3	5.8	4.7	3.8	3.1	VRSS10B3-4-*	BT82352
10	11	4.0	600	16.9	13.4	12.4	10.1	8.4	7.1	VRSS10B4-4-*	BT82352
10	11	4.5	600	22.6	18	16.7	13.8	11.6	10	VRSS10B6-4-*	BT82352
12	11	3.0	370	6.5	5	4.5	3.6	2.8	2.2	VRSS12B3-4-*	BT82352
12	11	4.0	600	13.4	10.4	9.6	7.8	6.3	5.3	VRSS12B4-4-*	BT82352
12	11	4.5	600	18.3	14.4	13.3	10.8	9.1	7.8	VRSS12B6-4-*	BT82352
14	11	3.0	320	5.1	3.8	3.4	2.6	2	1.5	VRSS14B3-4-*	BT82352
14	11	4.0	555	10.8	8.3	7.6	6	4.8	4	VRSS14B4-4-*	BT82352
14	11	4.5	600	14.8	11.5	10.6	8.5	7.1	6	VRSS14B6-4-*	BT82352
15	11	4.0	510	9.8	7.4	6.8	5.3	4.1	3.4	VRSS15B4-4-*	BT82352
15	11	4.5	600	13.3	10.2	9.3	7.4	6.2	5.2	VRSS15B6-4-*	BT82352
16	11	3.0	275	4	2.8	2.5	1.8	1.2	0.8	VRSS16B3-4-*	BT82352
16	11	4.0	470	8.9	6.7	6.1	4.7	3.6	2.9	VRSS16B4-4-*	BT82352
16	11	4.5	600	11.9	9.1	8.3	6.5	5.4	4.6	VRSS16B6-4-*	BT82352
18	11	3.0	245	2.9	1.9	1.7	1	-	-	VRSS18B3-4-*	BT82352
18	11	4.0	400	7.2	5.2	4.7	3.5	2.5	1.9	VRSS18B4-4-*	BT82352
18	11	4.5	510	9.8	7.3	6.6	5	4.1	3.4	VRSS18B6-4-*	BT82352
20	11	3.0	225	2	1.1	0.9	-	-	-	VRSS20B3-4-*	BT82352
20	11	4.0	340	5.7	4	3.5	2.4	1.6	1.1	VRSS20B4-4-*	BT82352
20	11	4.5	435	8	5.7	5.1	3.8	3	2.5	VRSS20B6-4-*	BT82352
20	11	5.0	540	10.6	7.8	7.2	5.8	4.8	4	VRSS20B5-4-*	BT82352
20	7	5.0	600	17.8	13.6	12.6	10.4	8.7	7.4	VRSS20D5-4-*	BT82351
22	11	4.5	370	6.4	4.4	3.9	2.7	2.1	1.6	VRSS22B6-4-*	BT82352
22	11	5.0	460	8.7	6.2	5.6	4.5	3.7	3	VRSS22B5-4-*	BT82352
23	7	5.0	600	13.5	10	9.2	7.5	6.2	5.2	VRSS23D5-4-*	BT82351
25	11	4.0	240	2.8	1.5	1.1	-	-	-	VRSS25B4-4-*	BT82352
25	11	4.5	295	4.4	2.7	2.2	1.2	0.8	-	VRSS25B6-4-*	BT82352
25	11	5.0	365	6.3	4.1	3.7	2.9	2.2	1.7	VRSS25B5-4-*	BT82352
25	7	5.0	570	11.2	8.1	7.4	6	4.9	4	VRSS25D5-4-*	BT82351
30	11	4.5	205	1.8	-	-	-	-	-	VRSS30B6-4-*	BT82352
30	11	5.0	245	3.1	1.4	1.1	0.6	-	-	VRSS30B5-4-*	BT82352
30	7	5.0	395	7.1	4.6	4.1	3.1	2.4	1.9	VRSS30D5-4-*	BT82351
35	7	5.0	270	3.8	1.7	1.5	0.9	-	-	VRSS35D5-4-*	BT82351

Catalog Number System

The catalog number for Venture Lighting poles utilizes the following identification system.



Catalog Number Example -

VRSS 20 B 4 - 4 - BH

Round Straight Steel, 20' Mounting Height, 11 Gauge, 4" Butt Diameter, No Taper, 4-Bolt Base, White Powder Coat Finish.

Wall Gauge

B = 11 Gauge
D = 7 Gauge

Butt Diameter

3 = 3"
4 = 4"
G = 4.5"
5 = 5"

Top Diameter

- = No Taper

Base Style

4 = 4-Bolt Anchor Base

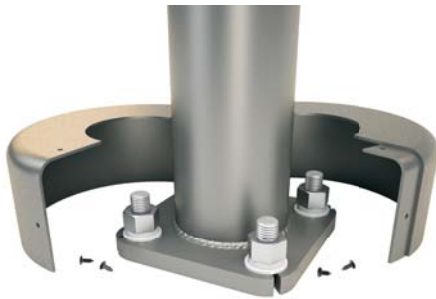
Finish

BA = Black Powder Coat
BH = White Powder Coat
BM = Dark Bronze Powder Coat
BV = Dark Green Powder Coat
GC = Gray Powder Coat
** = Specify Finish
00 = Galvanized Only (No Powder Coat)

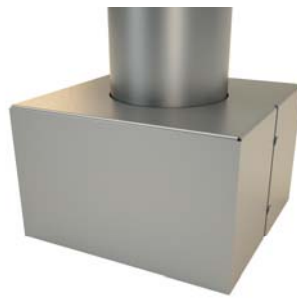
Galvanization

G = Galvanized

Code "G" to be used only if pole is to be specified "Powder Paint Over Galvanized" or "Galvanized Only".



Round ABS plastic base covers are standard in all 11 Gauge VRSS poles that are specified in the following powder coat finishes: BA-Black, BM-Dark Bronze, and BH-White. For 7 Gauge poles and all other colors please see Square Metal base cover note below.



Square Metal powder coated base covers are standard in all 11 Gauge VRSS poles that are specified in colors other than BA-Black, BM-Dark Bronze, and BH-White AND in all 7 Gauge poles in ALL COLORS. Custom specification of VRSS Square Metal style base covers in BA, BM and BH powder coated finishes is available.

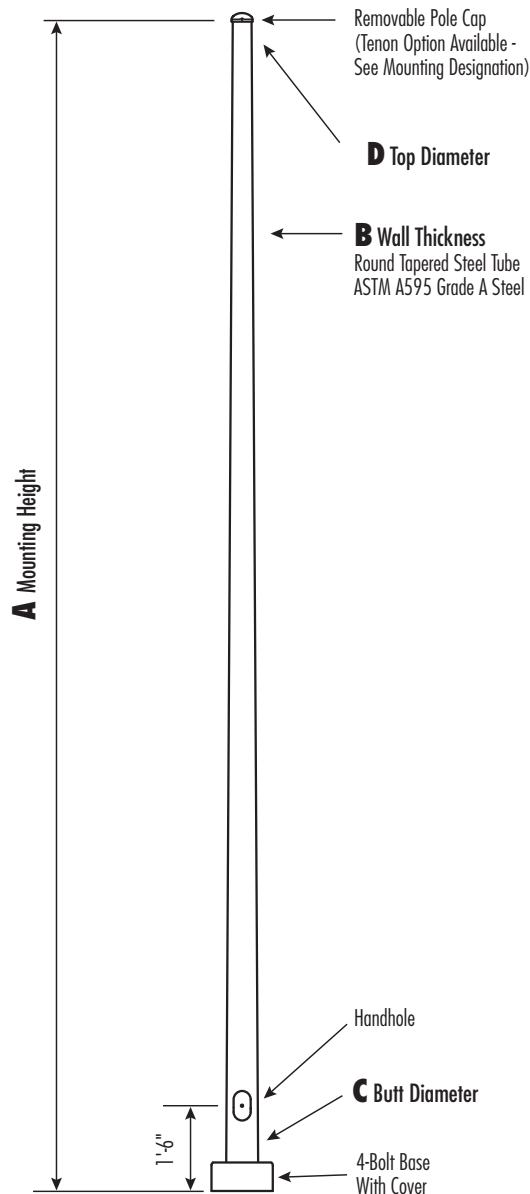
EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

ROUND TAPERED POLE OPTIONS

VRTS

Round Tapered Steel Pole No Arm — 4-Bolt Base



Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification.

C BUTT DIA.	F BOLT CIR. DIA.	G BASE SQ.	H BOLT PROJ.	I BOLT SIZE
4.5	7.5-8.5	8	3.75	.75 x 17 x 3
5.2	8 - 9	8.5	3.75	.75 x 17 x 3
6.1 - 6.6	9.5 - 10.5	10	3.75	.75 x 30 x 3
6.8	10 - 11	10	3.75	.75 x 30 x 3
7.0* - 7.5	10.5 - 11.5	10.5	4.875	1 x 36 x 4
8.0 - 8.1	11 - 12	11	4.875	1 x 36 x 4
8.5	11.5-12.5	12	4.875	1 x 36 x 4
9.0 (11 Gauge)	12 - 13	12.375	4.875	1 x 36 x 4
9.0 (7 Gauge)	13 - 14	12.75	5.875	1.25 x 48 x 6
10	13.5 - 14.5	13	4.875	1 x 48 x 4
11	15 - 16	14	5.875	1.25 x 48 x 6
12	16 - 17	15.5	6.75	1.5 x 54 x 6

*Nominal

WARNING: Do not install light pole without luminaire.

Dimensions in Inches

Pole

Pole shaft shall be weldable-grade, hot-rolled, commercial quality carbon steel tubing conforming to ASTM A595 Grade A. Options include 11 gauge and 7 gauge. All Welds shall conform to AWS D1.2 using ER70S-6 electrodes.

Base Style

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware. Base Cover will be fabricated from metal materials.



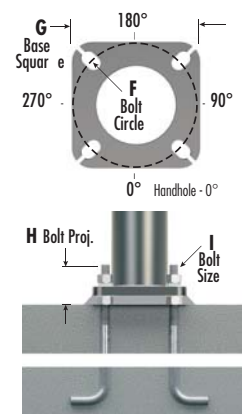
Handhole

Up To 5.9" Butt Diameters - Reinforced, 3" x 5" Handhole with Cover, Stainless Steel Screw and Back Bar. A Grounding Provision incorporating a tapped 1/2"-13NC hole will be welded to the handhole frame.
6+ Butt Diameters - Reinforced, 4" x 6-1/2" Handhole with Cover, Stainless Steel Screw and Back Bar. A Grounding Provision incorporating a tapped 1/2"-13NC hole will be welded to the handhole frame.



Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



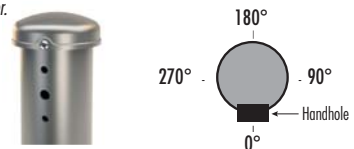
Vibration Damper

If determined necessary by pole manufacturer an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

Mounting Designation

Side Drill Mount

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.



Tenon Mount

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", 4", etc.) and length (3", 4", 5", 6", etc.).



ROUND TAPERED POLE OPTIONS

A MTG. HGT.	B WALL GAUGE	C BUTT DIA.	D TOP DIA.	MAX. TOTAL LUMINAIRE WEIGHT (lbs)	MAXIMUM EPA					CATALOG NUMBER	ANCHOR BOLT KIT PART NUMBER	
					90	100	110	120	130			140
10	11	4.5	3.1	370	31.8	25.5	23.7	19.7	16.6	14.1	VRTS10B45-4**	BT82352
14	11	5.2	3.1	365	31	24.7	22.9	18.9	15.8	13.4	VRTS14B52-4**	BT82352
20	11	6.1	3.3	340	25.9	20.4	18.8	15.4	12.8	10.8	VRTS20B61-4**	BT82353
20	11	6.6	3.7	385	25.5	20	18.5	15.2	12.6	10.7	VRTS20B66-4**	BT82351
25	11	6.1	2.6	280	19	14.7	13.5	10.9	8.8	7.3	VRTS25B61-4**	BT82353
25	11	6.8	3.3	325	19.4	15	13.8	11.1	9.1	7.5	VRTS25B68-4**	BT82353
25	11	7.0	3.3	325	25.9	20.3	18.7	15.2	12.6	10.6	VRTS25B70-4**	BT82351
30	11	6.8	2.6	275	14.7	11.1	10.1	7.9	6.2	5	VRTS30B68-4**	BT82353
30	11	7.0	2.6	275	19.4	15	13.8	11	8.9	7.3	VRTS30B70-4**	BT82351
30	11	7.5	3.3	315	24.5	19	17.5	14.2	11.7	9.7	VRTS30B75-4**	BT82351
30	11	8.0	3.8	345	28.5	22.3	20.6	16.8	14	11.8	VRTS30B80-4**	BT82351
30	11	8.5	4.3	375	32.3	25.5	23.6	19.5	16.3	13.9	VRTS30B85-4**	BT82351
30	11	9.0	4.8	405	35.9	28.5	26.5	21.9	18.4	15.7	VRTS30B90-4**	BT39196
30	7	9.0	4.8	590	58.3	46.7	43.5	36.2	30.6	26.2	VRTS30D90-4**	BT39196
35	11	7.5	2.6	265	18.6	14.4	13.2	10.5	8.4	6.8	VRTS35B75-4**	BT82351
35	11	8.1	3.2	300	22.8	17.6	16.2	12.9	10.5	8.7	VRTS35B81-4**	BT82351
35	11	8.5	3.6	320	25.2	19.5	18	14.5	11.9	10	VRTS35B85-4**	BT82351
35	11	9.0	4.1	345	28.1	21.9	20.3	16.6	13.8	11.6	VRTS35B90-4**	BT39196
35	7	9.1	4.1	490	46.6	36.9	34.3	28.3	23.8	20.3	VRTS35D90-4**	BT39196
39	11	8.1	2.6	265	18.3	14.1	12.9	10.3	8.2	6.6	VRTS39B81-4**	BT82351
39	11	9.0	3.5	305	23.3	18	16.5	13.2	10.8	8.9	VRTS39B90-4**	BT39196
39	7	9.0	3.5	425	38.6	30.5	28.2	23.2	19.4	16.4	VRTS39D90-4**	BT39196
39	11	10.0	4.5	350	26.8	20.9	19.3	15.8	13.1	11	VRTS39B10-4**	BT272-001
39	7	11.0	5.5	600	53.7	43	40	33.2	27.9	23.6	VRTS39D11-4**	BT39196

2-Piece Shaft Design

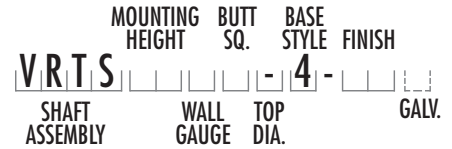
A MTG. HGT.	B WALL GAUGE	C BUTT DIA.	D TOP DIA.	MAX. TOTAL LUMINAIRE WEIGHT (lbs)	MAXIMUM EPA					CATALOG NUMBER	ANCHOR BOLT KIT PART NUMBER	
					90	100	110	120	130			140
45	7	11	4.8	150	42.8	33.8	31.4	25.9	21.6	18.2	VRTS45D11-4**	BT39196
50	7	11	4.1	150	32.1	26.3	24.9	20.9	17.2	14.4	VRTS50D11-4**	BT39196



Square Metal powder coated base covers are standard in all VRTS poles.

Catalog Number System

The catalog number for Venture Lighting poles utilizes the following identification system.



Catalog Number Example -

VRTS 30 B 80 - 4 - BM

Round Tapered Steel, 30' Mounting Height, 11 Gauge, 8.0" Butt Diameter, Tapered, 4-Bolt Base, Dark Bronze Powder Coat Finish.

Wall Gauge

B = 11 Gauge
D = 7 Gauge

Butt Diameter

45 = 4.5"
52 = 5.2"
61 = 6.1"
66 = 6.6"
68 = 6.8"
70 (Nominal) = 6.8"
75 = 7.5"
80 = 8.0"
81 = 8.1"
8.5 = 8.5"
9.0 = 9.0"
10 = 10"
11 = 11"
12 = 12"

Top Diameter

- = Varies (See Table)

Base Style

4 = 4-Bolt Anchor Base

Finish

BA = Black Powder Coat
BH = White Powder Coat
BM = Dark Bronze Powder Coat
BV = Dark Green Powder Coat
GC = Gray Powder Coat
** = Specify Finish
00 = Galvanized Only (No Powder Coat)

Galvanization

G = Galvanized

Code "G" to be used only if pole is to be specified "Powder Paint Over Galvanized" or "Galvanized Only".

EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

VIBRATION DAMPENERS

Wind Induced Vibration

There are two common types of wind-induced vibration observed in poles: First Mode Vibration and Second Mode Vibration (See illustrations to the left).

First Mode Vibration

In first mode vibration, sometimes referred to as sway, the maximum deflection occurs at the top of the pole. First mode oscillation typically occurs at a low frequency of approximately one cycle per second. Normal deflection of this shape usually is not harmful to the pole or luminaire, but first mode oscillating vibration will cause damage and failure.

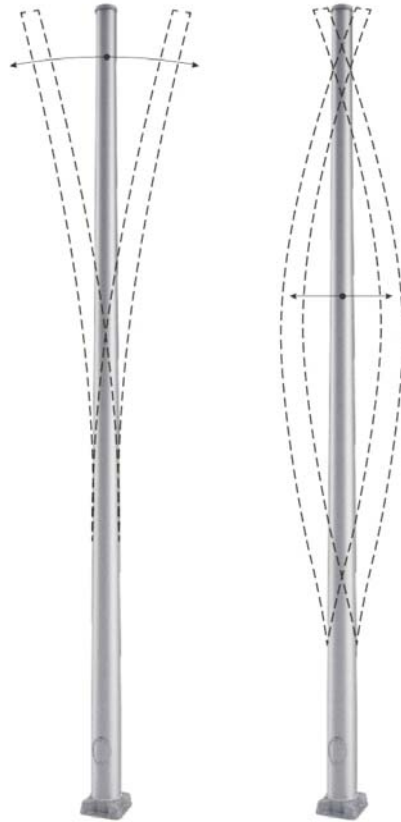
Second Mode Vibration

Second mode vibration can be the most damaging form of vibration. It occurs approximately at the midpoint of the pole with the deflection off center equal from side-to-side. It occurs at a higher frequency, typically three to six cycles per second. Second mode vibration occurs when the wind synchronizes with the pole's natural frequency of vibration. This is known as resonance. As the steady low level wind moves past the pole, vortices are shed alternately from either side of the structural shaft causing displacement oscillations in a direction perpendicular to that of the wind. Vortices are a swirling motion or pattern of the wind. The most serious situation arises when the vortex-shedding frequency synchronizes with the natural period of vibration in the pole, which can ultimately fatigue the pole to structural failure.



Vortex Shedding

Wind induced vibration can be caused by steady, relatively low-speed wind (10-30 mph), by topography and by the structure to which the pole is mounted or nearby structures. Destructive vibration is not an indication of substandard material, workmanship or design of pole.



First Mode Vibration

Second Mode Vibration

Vibration Dampers

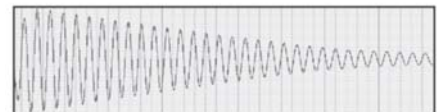
Venture Lighting is proud to offer industry-leading steel poles to coordinate with our area lighting LED luminaires. Venture Lighting has partnered with an industry leader in pole design and manufacturing. Our partner's decades of research and testing has led to the knowledge and background to assure that customers receive the safest, longest lasting pole designs.

To minimize the effects of first or second mode vibration, manufacturers have developed dampers which very effectively quell wind induced vibration of lighting poles.

Free Vibration Test Curves



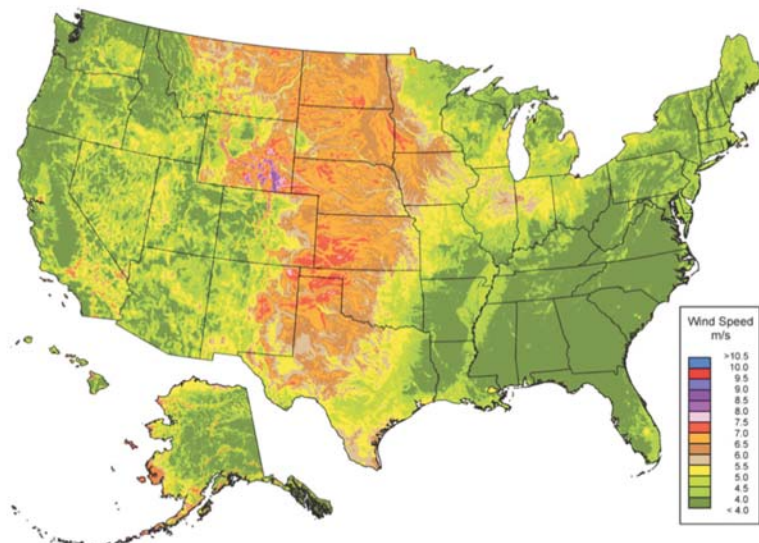
Free Vibration Test of Pole with No Added Dampening



Free Vibration Test of Pole with Impact Damper

Department of Energy Wind Map

Locations with high average wind speeds are more prone to pole vibration problems than locations with high maximum wind speeds. Areas of high average wind speeds can be identified on the U.S. Department of Energy Residential Scale 30 Meter Wind Map which can be accessed at the U.S. Department of Energy website.



The average wind speeds indicated on this map are model-derived estimates that may not represent the true wind resource at any given location. Small terrain features, vegetation, buildings and atmospheric effects may cause the wind speed to depart from the map estimates. Expert advice should be sought in placing wind turbines and estimating their energy production.

Source: Wind resource estimates developed by AWS Truepower, LLC. Map developed by NREL. Spatial resolution of wind resource data: 2.0 km. Projection: Albers Equal Area WGS84.

VIBRATION DAMPENERS, GFI OPTIONS, WIND MAP

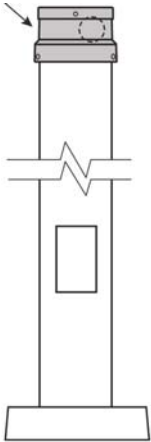
1st Mode Vibration Dampeners

Venture Lighting's pole partner's patented First Mode Vibration Damper is field installed at the top of square poles. This damper very effectively reduces first mode vibration of square lighting poles. Due to potential vibration fatigue issues that can be associated with moderate wind conditions, **First Mode Dampers are recommended for square poles with mounting heights greater than 25' and for square poles with light loading fixtures less than 2.0 EPA.**

First Mode Vibration Damper



First Mode Vibration Damper



First Mode Vibration

2nd Mode Vibration Dampeners

The Venture Lighting's Pole Partner's Second Mode Damper was awarded the industry's first patent in the vibration damping category in 1972.

The Second Mode Damper is attached to the pole at approximately the midpoint of the pole, and can be factory bolted inside the pole or field mounted on the inside or outside of an existing pole. Based on past experience, some Venture Lighting poles include factory-installed Second Mode Vibration Dampers as a standard component. **If the poles you intend to order are to be bridge mounted, used as camera poles, or may be subject to unusual site conditions, wide open terrain, steady or high energy prevailing winds, or other site conditions as mentioned, please make Venture Lighting aware of these conditions. Or, if your installed poles are exhibiting oscillation, contact Venture Lighting to pursue a damping solution that may include installing a Venture Lighting Second Mode Damper on the poles.**

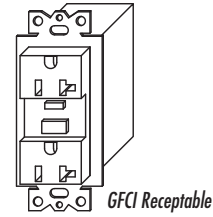
Second Mode Vibration Damper



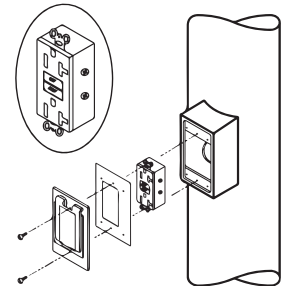
Second Mode Vibration

GFI Options

For customers who would like an option to power holiday decorations, speakers for a street event, or other small equipment used for pole or street maintenance, a 120V GFCI receptacle can be mounted into the pole. The receptacle is a 20 Amp 120V Duplex GFCI and is weather resistant (WR) and UL approved.



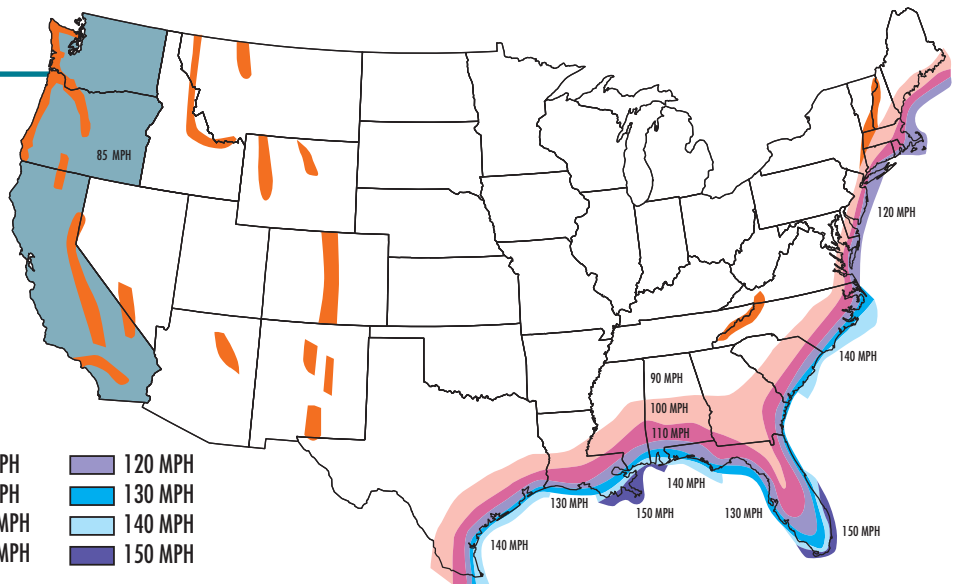
GFCI Receptacle



GFCI Receptacle mounted to pole

Wind Map

2009 AASHTO LTS-5 specification 3-second gust basic wind speeds (mph) with gust effect factor (G) of 1.14 and 25 year design life wind map (ASCE 7-05) is shown above. This wind map should be used to determine wind velocity for your specific location. If you are located between two different velocity isotach lines, the higher velocity should be used. Local isolated high wind conditions can be devastating to poles and luminaires not designed for such conditions. Additionally, constant winds in the 10-25 mph range can severely damage certain poles and luminaires by vibration. Follow the guidelines shown in the map.



Wind Speeds - Other Regions

LOCATION	MPH	(M/S)
Hawaii	105	(47)
Puerto Rico	145	(65)
Guam	170	(76)
Virgin Islands	145	(65)
American Samoa	125	(56)
Alaska	90-130	(40-58)

- 85 MPH
- 90 MPH
- 100 MPH
- 110 MPH
- 120 MPH
- 130 MPH
- 140 MPH
- 150 MPH
- Special Wind Region



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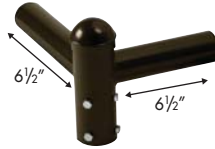
ACCESSORIES FOR POLE OPTIONS

Spokes

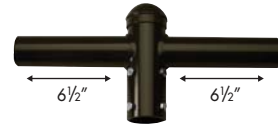
Designed to mount on a 2 3/8" dia. pole top tenon - All spoke tenon diameters are 2 3/8"



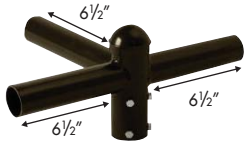
Description: Single Spoke Arm
Order Code: SP1H6BZ
Color: Bronze
Weight: 6 lbs
EPA: 0.3 ft²



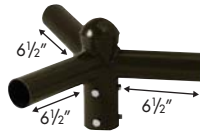
Description: Twin Spoke Accessory with 90° Arms
Order Code: SP2H906BZ
Color: Bronze
Weight: 9 lbs
EPA: 0.4 ft²



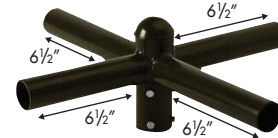
Description: Twin Spoke Accessory with 180° Arms
Order Code: SP2H1806BZ
Color: Bronze
Weight: 9 lbs
EPA: 0.4 ft²



Description: Triple Spoke Accessory with 90° Arms
Order Code: SP3H906BZ
Color: Bronze
Weight: 11 lbs
EPA: 0.5 ft²



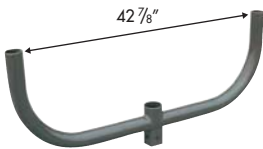
Description: Triple Spoke Accessory with 120° Arms
Order Code: SP3H1206BZ
Color: Bronze
Weight: 11 lbs
EPA: 0.5 ft²



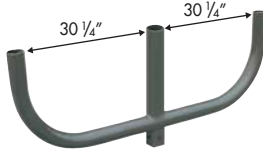
Description: Quad Spoke Accessory with 90° Arms
Order Code: SP4H906BZ
Color: Bronze
Weight: 13 lbs
EPA: 0.6 ft²

Bullhorns

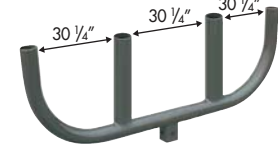
Designed to mount on a 2 3/8" dia. pole top tenon - All bullhorn tenon diameters are 2 3/8"



Description: Double Bullhorn with 180° Arms
Order Code: BH2V180BZ
Color: Bronze
Weight: 17 lbs.
EPA: 0.9 ft²



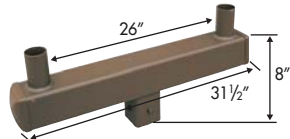
Description: Triple Bullhorn with 180° Arms
Order Code: BH3V180BZ
Color: Bronze
Weight: 27 lbs.
EPA: 1.5 ft²



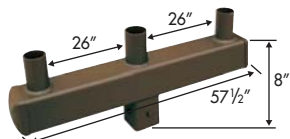
Description: Quad Bullhorn with 180° Arms
Order Code: BH4V180BZ
Color: Bronze
Weight: 38 lbs.
EPA: 2.2 ft²

Cross Arms

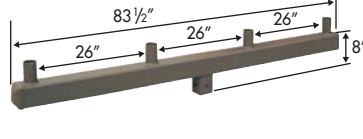
for 4" Straight Square Poles - Designed to mount on a 2 3/8" dia. pole top tenon - All cross arm tenons are 4" tall with 2 3/8" diameter



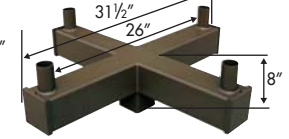
Description: Cross arm for 4" Square Pole with Twin 180° Vertical Tenons
Order Code: CA42V180BZ
Color: Bronze
Weight: 25 lbs.
EPA: 1 ft²



Description: Cross arm for 4" Square Pole with Triple 180° Vertical Tenons
Order Code: CA43V180BZ
Color: Bronze
Weight: 40 lbs.
EPA: 1.9 ft²



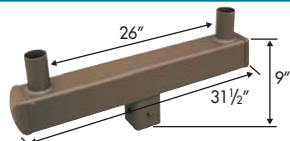
Description: Cross arm for 4" Square Pole with Quad 180° Vertical Tenons
Order Code: CA44V180BZ
Color: Bronze
Weight: 56 lbs.
EPA: 2.7 ft²



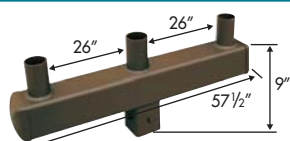
Description: Cross arm for 4" Square Pole with Quad 90° Vertical Tenons
Order Code: CA44V90BZ
Color: Bronze
Weight: 44 lbs.
EPA: 1.1 ft²

Cross Arms

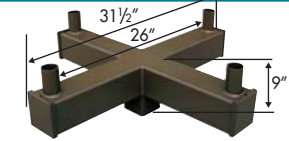
for 5" Straight Square Poles - Designed to mount on a 2 3/8" dia. pole top tenon - All cross arm tenons are 4" tall with 2 3/8" diameter



Description: Cross arm for 5" Square Pole with Twin 180° Vertical Tenons
Order Code: CA52V180BZ
Color: Bronze
Weight: 29.25 lbs.
EPA: 1 ft²



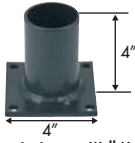
Description: Cross arm for 5" Square Pole with Triple 180° Vertical Tenons
Order Code: CA53V180BZ
Color: Bronze
Weight: 46 lbs.
EPA: 1.9 ft²



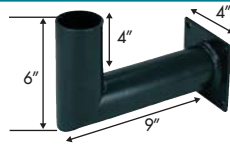
Description: Cross arm for 5" Square Pole with Quad 90° Vertical Tenons
Order Code: CA54V90BZ
Color: Bronze
Weight: 49 lbs.
EPA: 1.1 ft²

ACCESSORIES FOR POLE OPTIONS

Wall Mounting Brackets

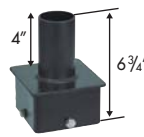


Description: Wall Mount Bracket
Order Code: WM1H4BZ
Color: Bronze
Weight: 2 lbs.
EPA: 0.1 ft²
Tenon Dia.: 2 3/8"

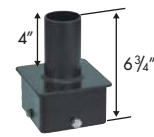


Description: Wall Mount 90° Bracket
Order Code: WM1V906BZ
Color: Bronze
Weight: 4.5 lbs.
EPA: 0.3 ft²
Tenon Dia.: 2 3/8"

Single Pole Top Fitters Straight Square Poles

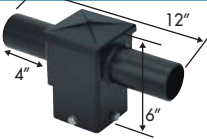


Description: Single Vertical Tenon for 4" Square Pole
Order Code: TN4SQ1V4BZ
Color: Bronze
Weight: 4 lbs.
EPA: 0.1 ft²
Tenon Dia.: 2 3/8"



Description: Single Vertical Tenon for 5" Square Pole
Order Code: TN5SQ1V4BZ
Color: Bronze
Weight: 5 lbs.
EPA: 0.1 ft²
Tenon Dia.: 2 3/8"

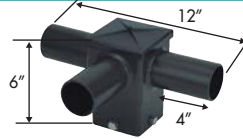
Pole Top Fitters Designed to mount on top of a 4" straight square pole - Tenon diameters are 2 3/8"



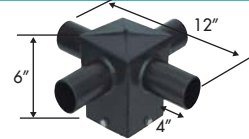
Description: 180° Twin Horizontal Tenon for 4" Square Pole
Order Code: TN4SQ2H1804BZ
Color: Bronze
Weight: 7.5 lbs.
EPA: 0.2 ft²



Description: 90° Twin Horizontal Tenon for 4" Square Pole
Order Code: TN4SQ2H904BZ
Color: Bronze
Weight: 7.5 lbs.
EPA: 0.2 ft²

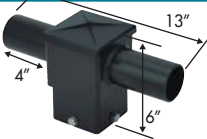


Description: 90° Triple Horizontal Tenon for 4" Square Pole
Order Code: TN4SQ3H904BZ
Color: Bronze
Weight: 8.5 lbs.
EPA: 0.2 ft²



Description: 90° Quad Horizontal Tenon for 4" Square Pole
Order Code: TN4SQ4H904BZ
Color: Bronze
Weight: 9.75 lbs.
EPA: 0.2 ft²

Pole Top Fitters Designed to mount on top of a 5" straight square pole - Tenon Diameters are 2 3/8"



Description: 180° Twin Horizontal Tenon for 5" Square Pole
Order Code: TN5SQ2H1804BZ
Color: Bronze
Weight: 8.5 lbs.
EPA: 0.2 ft²
Tenon Dia.: 2 3/8"



Description: 90° Twin Horizontal Tenon for 5" Square Pole
Order Code: TN5SQ2H904BZ
Color: Bronze
Weight: 9.25 lbs.
EPA: 0.2 ft²
Tenon Dia.: 2 3/8"

Pole Top Fitters for 4" Straight Round Poles



Description: Single 2-3/8" Dia. Vertical Tenon for 4" Round Pole
Order Code: TN4RD1V4238BZ
Color: Bronze
Weight: 1.25 lbs.
EPA: 0.1 ft²



Description: Single 2-7/8" Dia. Vertical Tenon for 4" Round Pole
Order Code: TN4RD1V4278BZ
Color: Bronze
Weight: 1.5 lbs.
EPA: 0.1 ft²

Pole Top Fitters for 5" Straight Round Poles

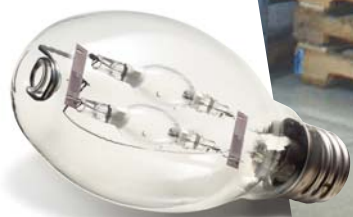


Description: Single 2-3/8" Dia. Vertical Tenon for 5" Round Pole
Order Code: TN5RD1V4238BZ
Color: Bronze
Weight: 2.25 lbs.
EPA: 0.1 ft²



Description: Single 2-7/8" Dia. Vertical Tenon for 5" Round Pole
Order Code: TN5RD1V4278BZ
Color: Bronze
Weight: 2.25 lbs.
EPA: 0.1 ft²

HIGH INTENSITY DISCHARGE LIGHTING SOLUTIONS



Super Pulse Start Long Life (SPL) Lamps

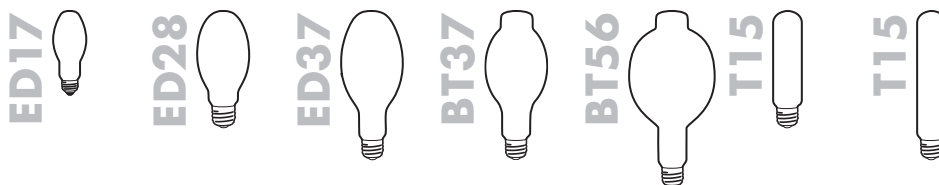
HID METAL HALIDE LAMPS



Standard and Pulse Start Lamps

Watts	Order Code	Product Description	ANSI Code	Case Pack	
50	32100	MP 50W/U/UVS/PS	M110/O	12	
	52312	MH 50W/U/PS	M110/E	12	
70	40389	MP 70W/U/UVS/PS	M98/O	12	
	78138	MH 70W/U/PS	M98/E	12	
100	96267	MP 100W/U/UVS/PS	M90/O	12	
	27266	MH 100W/U/PS	M90/E	12	
	67868	MH 100W/U/ED28/PS	M90/E	12	
150	22455	MP 150W/U/UVS/PS/740	M102/O	12	
	99584	MH 150W/U/PS/740	M102/E	12	
	13556	MH 150W/U/ED28/PS/740	M102/E	12	
175	31928	MP 175W/C/U/UVS/PS/737	M152/O	12	
	18717	MP 175W/U/UVS/PS/740	M152/O	12	
	29145	MH 175W/U/PS/740	M152/E	12	
	35281	MH 175W/C/U/PS/737	M152/E	12	
	16497	MS 175W/BU/MED/PS/740	M152/E	12	
	88791	MH 175W/U	M57/E	12	
	15556	MH 175W/U/MED	M57/E	12	
	63187	MH 175W/C/U/MED	M57/E	12	
	200	57739	MS 200W/V/PS/740	M136/E	12
		250	25028	MP 250W/U/UVS/PS/740	M153/O
25029	MP 250W/C/U/UVS/PS/737		M153/O	12	
37517	MH 250W/U/PS/740		M153/E	12	
40812	MH 250W/C/U/PS/737		M153/E	12	
63052	MH 250W/U		M58/E	12	
61290	MH 250W/C/U		M58/E	12	
33479	MH 250W/U/T15		M58/E	12	
320	32028		MP 320W/U/ED28/UVS/PS/740	M154/O	12
	32029	MP 320W/C/U/ED28/UVS/PS/737	M154/O	12	
	32037	MP 320W/U/ED37/UVS/PS/740	M154/O	6	
	32039	MP 320W/C/U/ED37/UVS/PS/737	M154/O	6	
	12718	MH 320W/U/ED28/PS/740	M154/E	12	
	32149	MH 320W/C/U/ED28/PS/737	M154/E	12	
	21785	MH 320W/U/ED37/PS/740	M154/E	6	
	41569	MH 320W/C/U/ED37/PS/737	M154/E	6	
	57626	MS 320W/H75/T15/S/PS/740	M154/E	12	
	79710	MS 320W/H75/T15/L/PS/740	M154/E	12	

Watts	Order Code	Product Description	ANSI Code	Case Pack
400	40020	MP 400W/U/ED28/UVS/PS/740	M155/O	12
	40022	MP 400W/C/U/ED28/UVS/PS/737	M155/O	12
	40037	MP 400W/U/UVS/PS/740	M155/O	6
	40039	MP 400W/C/U/UVS/PS/737	M155/O	6
	45541	MP 400W/C/V/UVS/PS/737	M155/O	6
	95527	MPI 400W/BU	M59/O	6
	26091	MPI 400W/C/BU	M59/O	6
	18520	MH 400W/U	M59/E	6
	57540	MH 400W/U/ED28	M59/E	12
	55422	MH 400W/U/T15	M59/E	12
19824	MH 400W/U/ED28/PS/740	M155/E	12	
	47815	MH 400W/C/U/ED28/PS/737	M155/E	12
	28614	MH 400W/U/PS/740	M155/E	6
	43934	MH 400W/C/U/PS/737	M155/E	6
	875	58953	MP 875W/BU/BT37/PS/740	M166/O
41686		MP 875W/C/BU/BT37/PS/737	M166/O	6
90195		MH 875W/U/BT37/PS/740	M166/E	6
1000	62948	MPI 1000W/BU	M47/O	6
	37999	MH 1000W/U/BT37/PS/740	M141/E	6
	56999	MH 1000W/U/PS/740	M141/E	6
	72051	MH 1000W/U	M47/E	6
15332	MH 1000W/U/BT37	M47/E	6	



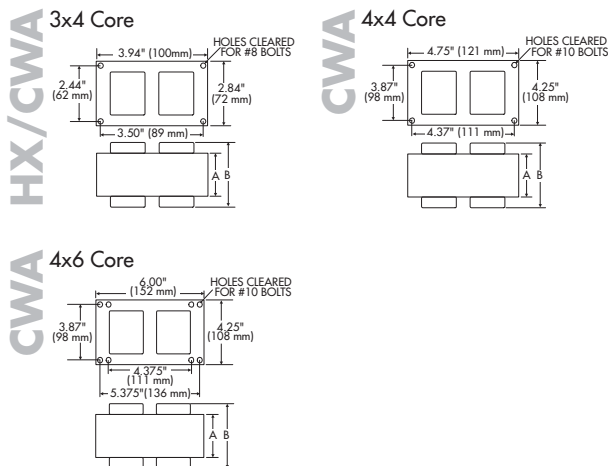
HID METAL HALIDE BALLASTS AND LAMPS



Standard and Pulse Start **Ballasts Kits**

Watts	Order Code	Product Description	ANSI Code
50	V90D5731K	Quad Tap HX-HPF	M110
100	V90D5932K	Quad Tap HX-HPF	M90
150	V90D7130K	Quad Tap HX-HPF	M102
	V90D7110K	Quad Tap CWA	M102
	V90Y7110TK	480V Tap CWA	M102
175	V90D6112K	Quad Tap CWA	M57
	V90Y6111TK	480V Tap CWA	M57
	V90D7211K	Quad Tap CWA	M152
	V90Y7211TK	480V Tap CWA	M152
250	V90D6211K	Quad Tap CWA (3x4 Core)	M58
	V90Y6211K	480V Tap CWA (3x4 Core)	M58
	V90D6215K	Quad Tap CWA (4x4 Core)	M58
	V90Y6212TK	480V Tap CWA (4x4 Core)	M58
	V90D8412K	Quad Tap CWA	M153
	V90Y8411TK	480V Tap CWA	M153
320	V90D7413K	Quad Tap CWA	M154
	V90Y7412TK	480V Tap CWA	M154
400	V90D6414K	Quad Tap CWA	M59
	V90Y6413TK	480V Tap CWA	M59
	V90AM6411K	Quint Tap CWA	M59
	V90D7613K	Quad Tap CWA	M155
	V90Y7613TK	480V Tap CWA	M155
875	V90D8612K	Quad Tap CWA	M166
	V90Y8612TK	480V Tap CWA	M166
	V90AM8610K	Quint Tap CWA	M166
1000	V90D6517K	Quad Tap CWA (4x6 Core)	M47
	V90Y6517TK	480V Tap CWA (4x6 Core)	M47
	V90AM6514K	Quint Tap CWA (4x6 Core)	M47
	V90D7811K	Quad Tap CWA	M141
	V90Y7811TK	480V Tap CWA	M141
	V90AM7810K	Quint Tap CWA	M141

Notes: All ballast kits are sold individually boxed and include prewired capacitor & ignitor (when required) plus universal mounting brackets



SUPER PULSE START Long Life Lamps

Watts	Order Code	Product Description	ANSI Code	Case Pack
100	21982	MHL 100W/U/ED17/PS/740	M90/E	12
150	46105	MHL 150W/U/ED28/PS/740	M102/E	12
250	46895	MHL 250W/V/ED28/PS/740	M153/E	12
	65413	MHL 250W/H75/ED28/PS/740	M153/E	12
320	20116	MHL 320W/H75/ED28/PS/740	M154/E	12
575	68735	MHL 575W/BU/BT37/PS/740	M178/E	6
	20897	MHL 575W/H75/BT37/PS/740	M178/E	6

SPL (Long Life) Benefits

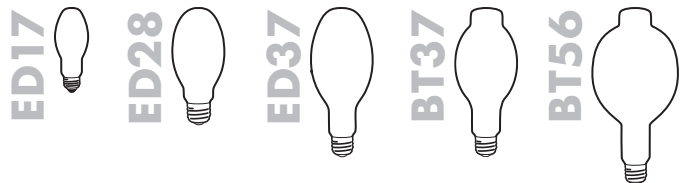
- 40,000 hours rated life; up to twice the life of most regular Metal Halide products
- Quartz metal halide
- Excellent maintained lumens with up to 114 LPW
- Ultimate retrofit solution
- Cuts maintenance costs nearly in half, while doubling life and lumen maintenance

Sports Lamps and Ballasts

Watts	Order Code	Product Description	ANSI Code	Case Pack
1000	47503	MS 1000W/HOR/SPORT60	M47/E	6
	V90D6517K	Quad Tap CWA (4x6 Core)	M47	
	V90Y6517TK	480V Tap CWA (4x6 Core)	M47	
	V90AM6514K	Quint Tap CWA (4x6 Core)	M47	
1500	18360	MH 1500W/HBU	M48/E	6
	12342	MH 1500W/U/XL	M48/E	6
	82070	MS 1500W/HOR/XP/SPORT60	M48/E	6
	V90D6612K	Quad Tap CWA	M48	
	V90Y6612TK	480V Tap CWA	M48	
1650	16419	MS 1650W/HOR/XP/SPORT60	M112/E	6
	V90C6910K	Tri Tap CWA (120/208/240)	M112	
	V90AA6910K	Tri Tap CWA (277/347/480)	M112	

Benefits

- Brighter - High lumen output
- "Extra Life" lamp available - Venture's MH 1500W/U/XL lamp has a 6000 hour rated life
- Venture's Sports 60 lamps are designed for sports lighting aiming angles
- High lumen output lamps for efficient layout designs
- Good color rendition (65-70 CRI)



HID SPECIALIZED METAL HALIDE



Natural White® PS MH, 5000K, 90+ CRI Lamps

Watts	Order Code	Product Description	ANSI Code	Case Pack
320	95320	MP 320W/H75/T15/S/UVS/PS/EM/950	M154/O	12
	95321	MP 320W/H75/T15/L/UVS/PS/EM/950	M154/O	12
	98530	MP 320W/BU/ED28/UVS/PS/EM/950	M154/O	12
	98520	MP 320W/BU/ED37/UVS/PS/EM/950	M154/O	6
400	57129	MP 400W/BU/UVS/PS/EM/950	M155/O	6
575	95575	MP 575W/BU/BT37/PS/EM/950	M178/O	6
	95577	MS 575W/H75/BT37/PS/EM/950	M178/E	6
775	24983	MP 775W/BU/BT37/PS/950	M181/O	6
	24988	MP 775W/BD/BT37/PS/950	M181/O	6
	24999	MS 775W/H75/BT37/PS/950	M181/E	6

Natural White® PS MH Ballast Kits

Watts	Order Code	Product Description	ANSI Code	Input Watts
320	V90D7413K	Quad Tap CWA	M154	364
	V90Y7412TK	480V Tap CWA	M154	364
575	V90D5510K	Quad Tap CWA	M178	640
	V90Y5510TK	480V Tap CWA	M178	640
	V90AM5510K	Quint Tap CWA	M178	630

Energy Master® Energy Saving Retrofit Lamps

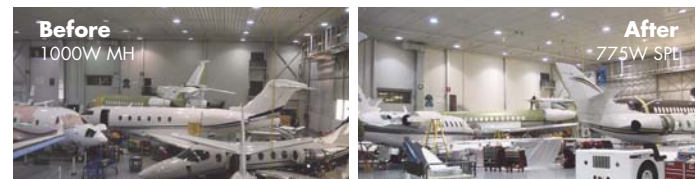
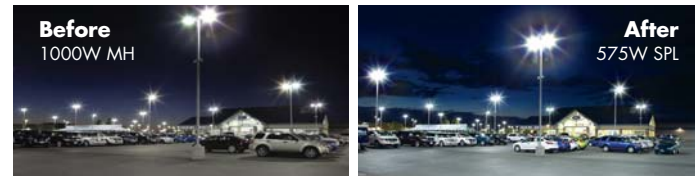
Watts	Order Code	Product Description	Replaces Existing Wattage	Watts Saved	ANSI Code	Case Pack
150	44810	MH 150W/U/EM	175W	25	M57/E and M107/E	12
	69559	MH 150W/U/ED28/EM	175W	25	M57/E and M107/E	12
330	91834	MPI 330W/BU/EM	400W	70	M59/O and M155/O	6
360	38029	MPI 360W/BU/EM	400W	40	M59/O and M165/O	6
	67293	MPI 360W/C/BU/EM	400W	40	M59/O and M165/O	6

White-Lux® Metal Halide Retrofit HPS Lamps

Watts	Order Code	Product Description	ANSI Code	Case Pack
250	91051	MH 250W/U/LU	S50/E	12
	24785	MPI 250W/BU/LU	S50/O	12
400	52134	MH 400W/U/LU	S51/E	6
	59441	MH 400W/U/LU/ED28	S51/E	12
	10044	MPI 400W/BU/LU	S51/O	6

Natural White® Benefits

- Crisp, bright light with 5000K CCT and 90+ CRI
- 90% maintained lumens (0.90 LLD)
- 14% Perceivable brighter light
- Extreme long life at 15,000 - 40,000 hours



Many *Natural White* lamps have an energy saving benefit. They actually run at a lower wattage when operating on magnetic ballasts. This decreases energy costs while still delivering bright, crisp white light.

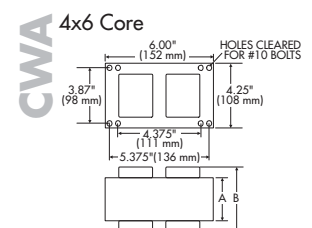
Energy Master® Lamps Benefits

- Just change the lamp not the ballast
- Save energy; Up to \$25.50 annually per lamp
- Open rated lamps available in 330W and 360W

White-Lux® Retrofit Lamps Benefits

- Replace yellow HPS lamps with white MH lamps
- Just change the lamp not the ballast
- Electrical and photometric compatibility with HPS systems
- Clear and coated outer jacket options
- Shrouded open-rated lamps comply with 2005 National Electric Code available in 250 and 400 watts
- Excellent color rendering (65-70 CRI vs. 22 CRI for HPS)

Notes: All ballast kits are sold individually boxed and include prewired capacitor & ignitor (when required) plus universal mounting brackets.



HID HIGH PRESSURE SODIUM, CAPS AND IGNITORS



HPS Lamps

Watts	Order Code	Product Description	ANSI Code	Case Pack
50	23002	LU50/MED/ECO	S68/E	12
	23010	LU50	S68/E	12
70	23012	LU70/ECO	S62/E	12
	23004	LU70/MED/ECO	S62/E	12
100	23014	LU100/ECO	S54/E	12
	23006	LU100/MED/ECO	S54/E	12
150	23016	LU150/55/ECO	S55/E	12
	23008	LU150/55/MED/ECO	S55/E	12
250	23019	LU250/ECO	S50/E	36
400	23022	LU400/ECO	S51/E	36
1000	23025	LU1000/ECO	S52/E	12

HPS Ballast Kits

Watts	Order Code	Product Description	ANSI Code
50	V90B1120K	120V Reactor	S68
	V90H1132K	Dual Tap HX-HPF	S68
70	V90B1222K	120V Reactor	S62
	V90D1233K	Quad Tap HX-HPF	S62
100	V90B1322K	120V Reactor	S54
	V90D1333K	Quad Tap HX-HPF	S54
150	V90B1422K	120V Reactor	S55
	V90D1435K	Quad Tap HX-HPF	S55
250	V90D1711K	Quad Tap CWA	S50
	V90Y1711TK	480V Tap CWA	S50
400	V90D1912K	Quad Tap CWA	S51
	V90Y1912TK	480V Tap CWA	S51
1000	V90D2315K	Quad Tap CWA	S52
	V90Y2311TK	480V Tap CWA	S52

Capacitors

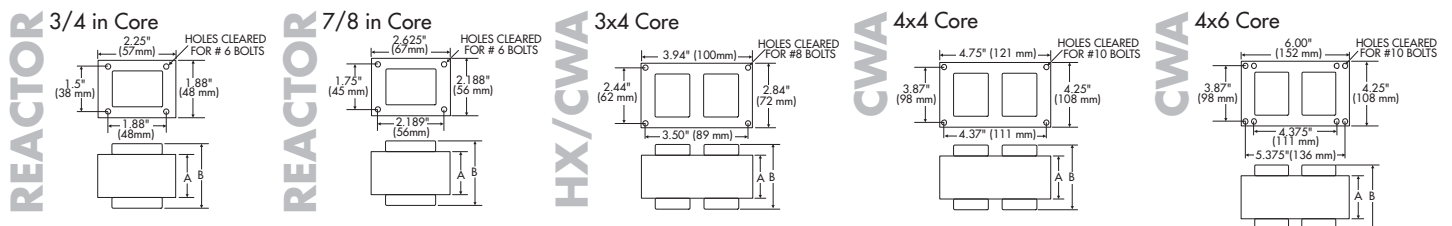
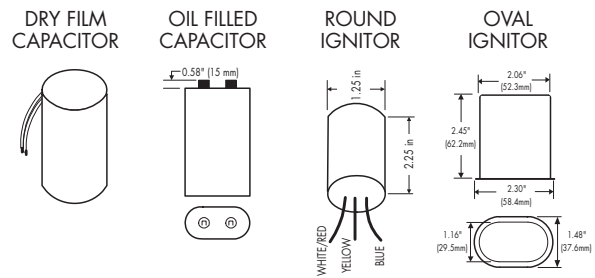
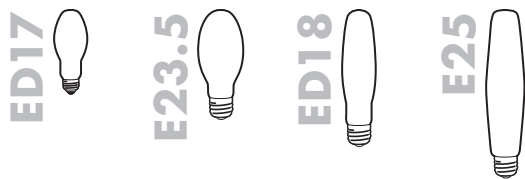
Product Code	Type	Micro-Farads	VAC
ACG033	Dry Film	6	330
ACG310	Dry Film	8	280
ACG279	Dry Film	10	400
ACG321	Dry Film	12	330
ACG303	Dry Film	12.5	330
ACG277	Dry Film	15	400
ACG301	Dry Film	16	330
ACB3270V	Oil Cap	22	525
ACG247	Dry Film	24	400
ACB2200V	Oil Cap	24	480
ACG278	Dry Film	26	400
ACB2640V	Oil Cap	26	525
ACB2560V	Oil Cap	32	525
ACG312	Dry Film	38	330
ACG255	Dry Film	55	300

Replacement Ignitors

Product Code	Product Description
BVS004A	35-150W HPS REACTOR
BVS005A	200-430W HPS
BVS006A	35-150W HPS
BVS020	875-1000W HPS/PSMH
BVS032	Low Watt PSMH HX
BVS041	Mid Watt PSMH CWA
BVS045	Mid Watt PSMH HX

Replacement Sockets

Standard medium and mogul enclosed-rated (E26, E39), open-rated (EX26, EX39), and position oriented mogul (EP39) bases are available. Contact Venture Lighting for more information



WARRANTY INFORMATION

LED Lamps and Retrofit Kits Warranty Information

This Venture lighting product is warranted for the period of 5 years, as specified, from the date of purchase against defects in material and workmanship. The determination of whether the product is defective shall be made by Venture Lighting.

LED Product Type	Rated Life	Warranty Period	Usage
LED T8 Lamps	50,000 hrs	5 years	12 hrs/day annually
LED Retrofit Lamps	50,000 hrs	5 years	12 hrs/day annually
LED Downlight Kits	35,000 hrs	5 years	12 hrs/day annually

This limited warranty shall only apply if the Venture Lighting product has been installed and operated (i) in compliance with the specifications and guidelines set forth herein, on the product label and packaging, and on the Venture Lighting website, (ii) in accordance with the National Electric Code (NEC), the Standards for Safety of Underwriters' Laboratory, Inc. (UL), the Standards for the American National Standards Association (ANSI), or in Canada, with the standards of the Canadian Standards Association (CSA), and (iii) in lighting equipment designed and approved for the application and in environmental conditions within the normal specified operating range of the product.

This limited warranty does not apply to loss or damage to the product caused by: negligence; abuse; misuse; mishandling; improper installation, storage, or maintenance; damage due to fire or acts of God; vandalism; civil disturbances; power surges; improper power supply; electrical current fluctuations; corrosive environment installations; induced vibration; harmonic oscillation or resonance associated with the movement of air currents around the product; alteration; accident; failure to follow installation, operating, maintenance or environmental instructions.

The warranty terms contained herein shall be the sole and exclusive remedy of the purchaser of Venture Lighting products and state Venture Lighting's entire liability and obligation to such purchaser. NO WARRANTY OF FITNESS FOR ANY SPECIFIC OR PARTICULAR PURPOSE IS MADE OR IS TO BE IMPLIED. NO OTHER WARRANTIES APPLY.

If the product is defective, this product will be repaired or replaced, at Venture Lighting's option. This warranty is expressly limited to the repair or replacement of the product. This warranty gives the customer specific legal rights, which vary from state to state and province to province. No distributor, salesperson, dealer, retailer or other representative has the authority to change or modify this warranty, either orally or in writing, in any respect.

WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS DESIGNED.

LED Fixtures Warranty Information

This Venture Lighting product is warranted for the period of 5 years, as specified, from the date of purchase against defects in material and workmanship. The determination of whether the product is defective shall be made by Venture Lighting. A Venture Lighting product will not be considered defective under this warranty solely because a small number of separate LED components fail to operate (i.e. provide light) when the number of such failed components is less than 10% of the total number of light emitting components which are part of the product.

This limited warranty shall only apply if the Venture Lighting product has been installed and operated (i) in compliance with the specifications and guidelines set forth herein, on the product label and packaging, and on the Venture Lighting website, (ii) in accordance with the National Electric Code (NEC), the Standards for Safety of Underwriters' Laboratory, Inc. (UL), the Standards for the American National Standards Association (ANSI), or in Canada, with the standards of the Canadian Standards Association (CSA), and (iii) in lighting equipment designed and approved for the application and in environmental conditions within the normal specified operating range of the product.

This limited warranty does not apply to loss or damage to the product caused by: negligence; abuse; misuse; mishandling; improper installation, storage, or maintenance; damage due to fire or acts of God; vandalism; civil disturbances; power surges; improper power supply; electrical current fluctuations; corrosive environment installations; induced vibration; harmonic

oscillation or resonance associated with the movement of air currents around the product; alteration; accident; failure to follow installation, operating, maintenance or environmental instructions.

The warranty terms contained herein shall be the sole and exclusive remedy of the purchaser of Venture Lighting products and state Venture Lighting's entire liability and obligation to such purchaser. NO WARRANTY OF FITNESS FOR ANY SPECIFIC OR PARTICULAR PURPOSE IS MADE OR IS TO BE IMPLIED. NO OTHER WARRANTIES APPLY.

If the product is defective, this product will be repaired or replaced, at Venture Lighting's option. This warranty is expressly limited to the repair or replacement of the product. This warranty gives the customer specific legal rights, which vary from state to state and province to province. No distributor, salesperson, dealer, retailer or other representative has the authority to change or modify this warranty, wither orally or in writing, in any respect. WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS DESIGNED.

Poles Warranty Information

See Venture Lighting's website for pole warranty information

Metal Halide Systems

Venture's "One Call" limited warranty program is first in the industry in its comprehensive system coverage. It doubles the warranty period on lamps and ballasts purchased and installed as part of the Uni-Form® pulse start system. Since Venture designs and manufactures the lamps and ballasts, customers who purchase a complete system need to make only "one call" to receive full service on any component from Venture's team of technical experts. This means no finger pointing; one source, one call to 1-800-451-2606 for service.



Ballasts/Lamps	Product Type	Standard Warranty Period	"One Call" System Warranty
	50W-100W Lamps	One Year	One Year
	150W-875W Lamps	One Year	Two Years
	All SPL Lamps	Two Years	Three Years
	Magnetic Ballasts	Two Years	Five Years



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To contact our customer support team, email CustomerService@VentureLighting.com

For general inquiries, email VLED@VentureLighting.com

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