

## DESCRIPTION

Eon 303-B1-LEDB1 is a compact, low profile, dimmable, LED bollard that provides downlight only via a fixed head. 303-B1-LEDB1 has a single head on one side of the luminaire. The bollard comes standard with universal input LED driver (120-277V, 50/60 Hz). Dimming is achieved with a standard ELV, reverse phase dimming driver or an optional 0-10V dimming driver. Eon fixtures may be used indoors or outdoors and carry an IP66 rating. The patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

## SPECIFICATION FEATURES

### Construction

The head of the 303-B1-LEDB1 is precision machined from corrosion-resistant 6061-T6 aluminum. Body is extruded aluminum and adjustable mounting base is cast from corrosion resistant aluminum alloy. Stainless steel hardware is included. Four (4) 3/8" x 12" galvanized anchor bolts and a galvanized steel anchor bolt template are standard. Specify option -LAB and order the anchor bolt/template kit separately (Catalog: 7581-01PK).

### Optical

LightBAR™ and optical assembly are sealed by a clear, impact resistant tempered glass lens. The optical assembly is available in three distributions: T2 (lateral throw), T4 (forward throw) and T5X (Flood). Available in several color temperatures: 2700K, 3000K, 3500K,

4000K and TSAM (Amber). Both color temperature and distribution must be specified when ordering – see catalog logic for details. An edge-lit option is available.

### Electrical

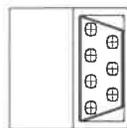
The bollard is standard with an ELV trailing edge phase dimmable driver that accepts a universal input (120-277, 50/60Hz). An optional 0-10V universal dimming driver is also available. Both driver options incorporate surge protection. The receptacle option incorporates a specification grade, 120V, 15A tamper proof and weather resistant duplex GFCI. The photocell option comes in either a 120V or 277V. Please see Option section for more detail.

### Finish

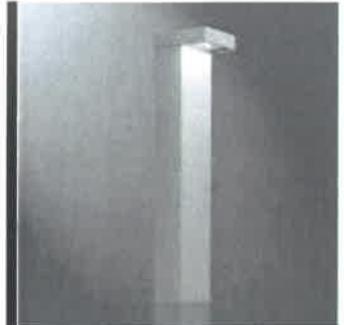
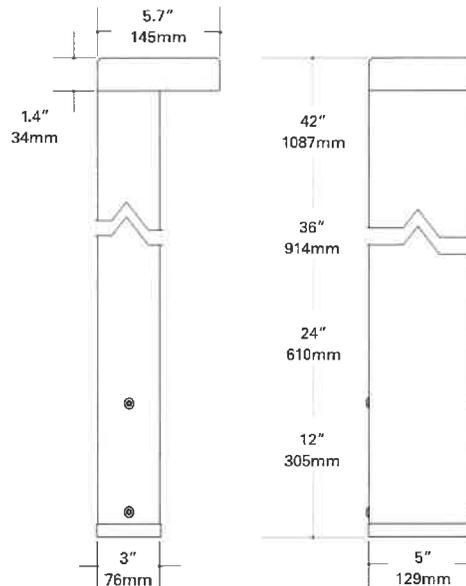
Luminaire and mounting base are double protected by a RoHS compliant chemical film undercoating and polyester powdercoat paint finish. The mounting base is painted black. The luminaire housing and head are available in a variety of standard colors. RAL and custom color matches are available upon request. As an option, the Eon bollards are also available in colors to match other outdoor Eaton product lines, such as Invue. See the Finish section in the ordering detail for more detail.

### Warranty

Lumiere warrants the EON series of fixtures against defects in material and workmanship for five (5) years. Auxiliary equipment such as LED drivers carries the original manufacturer's warranty.



Under side profile view



**303-B1-LEDB1**  
EON LED

APPLICATIONS:  
BOLLARD

### CERTIFICATION DATA

UL and cUL Wet Location Listed  
LM79 / LM80 Compliant  
ROHS Compliant  
IP66 Ingress Protection Rated

### TECHNICAL DATA

50°C Maximum Temperature Rating  
External Supply Wiring 90°C Minimum



## ORDERING INFORMATION

Sample Number: 303-B1-LEDB1-2700-120-T2-DIM10-BK-42-EDGE-PC1-RFL-LAB

Series <sup>9</sup>	Color Temperature	Input Voltage	Optics	Dimming	Finish <sup>3</sup>	Height <sup>4</sup>	Options <sup>6</sup>
303-B1-LEDB1 Head contains one (1) Mini LightBAR™	2700=2700K 3000=3000K 3500=3500K 4000=4000K TSAM=Turtle Safe Amber (585-595nm)	UNV=120-277V <sup>1</sup> 120=120V 277=277V <sup>2</sup>	T2 =Type II, Lateral Throw T4 =Type IV, Forward Throw T5X =Type V, Extra Wide Flood	DIMELV=Trailing Edge Phase Dimming Driver DIM10=0-10V Dimming Driver	Painted BK=Black BZ=Bronze CS=City Silver WT=White Premium Paint AP=Grey DP=Dark Platinum GM=Graphite Metallic	12=12" <sup>5</sup> 24=24" 36=36" 42=42"	EDGE=Edge lit glass lens PC1=Photocontrol 120V <sup>7</sup> PC2=Photocontrol 208-277V <sup>7</sup> RIU=Receptacle - In Use (120V Only) <sup>7</sup> RFL=Receptacle - Flip-Lid (120V Only) <sup>7</sup> LAB=Less Anchor Bolts & Template <sup>8</sup>

NOTES: 1 Universal Voltage (UNV) is standard unless specifying Photocontrol or Receptacle (RIU or RFL - 120V) options. 2 Specify for PC2 option only. 3 Custom and RAL color matching available upon request. Consult factory for further information. 4 Bollard heights are nominal (shown in inches). 5 12" length not available with RIU or RFL options. 6 Add suffix in the order shown. 7 Must specify voltage when ordering. 8 When specifying LAB option the anchor bolts and template need to be ordered separately 7581-01PK. 9 DesignLights Consortium™ Qualified and classified for DLC Standard. Refer to [www.designlights.org](http://www.designlights.org) for details on exact qualified EON 303-B1-LEDB1 product as not all configurations are DLC classified.

**LUMEN MAINTENANCE**

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	TM-21 Reported L70(10k) (Hours)	Theoretical L70 (Hours)
25°C	> 94%	> 60,000	365,000
40°C			
50°C			

**CURRENT DRAW**

Model	Line Voltage	Current Draw
303-B1-LEDB1	120-277V, 50/60Hz	0.068A

**MAX LOAD RATING**

Options	Line Voltage	Max Load Rating
PC1	120V, 50/60Hz	1000VA, 8.3A
PC2	208-277V, 50/60Hz	
RIU or RFL	120V, 50/60Hz	1800VA, 15A

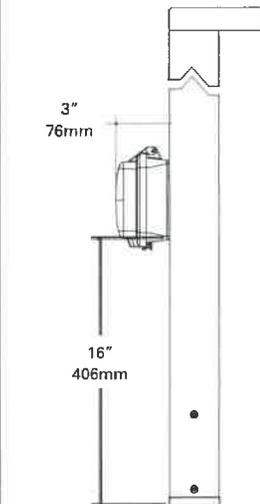
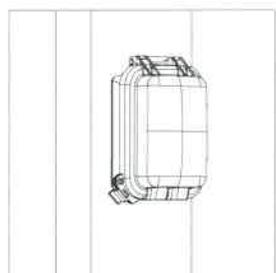
**LUMENS - CRI/CCT TABLE**

Optic Type	Distribution	Watts	Delivered Lumens	LPW	CCT (K) / Color	CRI nom./ Wavelength	B-U-G Rating
T2 (Lateral Throw)		8.5	361	44	2700	95	B0-U0-G0
			600	74	3000	75	
			419	51	3500	85	
			661	81	4000	75	
T4 (Forward Throw)		8.5	184	28	TSAM (Amber)	585-595nm	B0-U0-G0
			353	43	2700	95	
			587	72	3000	75	
		6.5	410	50	3500	85	
			647	79	4000	75	
			180	28	TSAM (Amber)	585-595nm	
T5X (Extra Wide Flood)		8.5	316	39	2700	95	B0-U0-G0
			525	65	3000	75	
			367	45	3500	85	
		6.5	579	71	4000	75	
			161	25	TSAM (Amber)	585-595nm	

**OPTIONS**

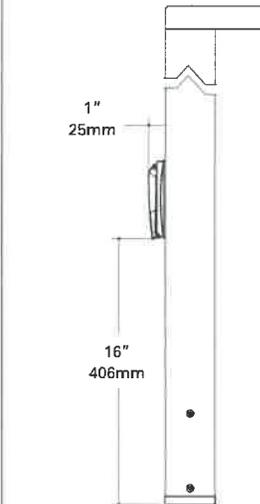
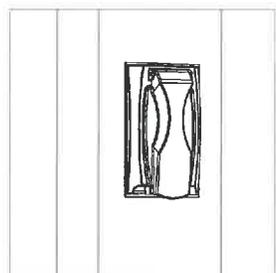
**Receptacle Options (120V Only)**

**RIU - Receptacle In-Use**

Rugged UV-resistant polycarbonate clear cover and gray body protects GFCI without cracking or breaking and is non-corrosive. Note: Cover is weatherproof with the cord plugged in and the receptacle is not required to be attended while in use. The receptacle incorporates a specification grade, 120V, 15A tamper proof and weather resistant duplex GFCI. Available on 24", 36" and 42" heights.

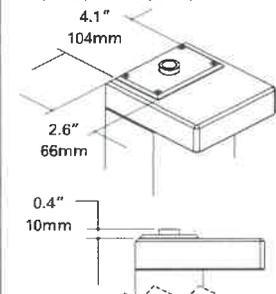
**RFL - Receptacle Flip Lid**

Cover is constructed of a durable, die-cast zinc alloy and is painted to match fixture. Cover is only weatherproof without the cord plugged in and the cover closed. The receptacle will need to be attended while in use. The receptacle incorporates a specification grade, 120V, 15A tamper proof and weather resistant duplex GFCI. Available on 24", 36" and 42" heights.

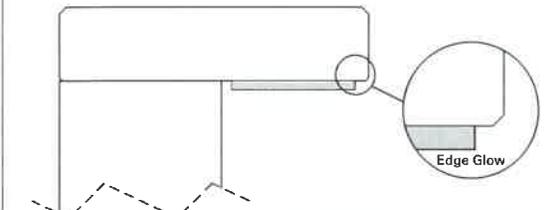
**Photocontrol**

PC1 (120V) or PC2 (277V)



Photocontrol cover is precision machined from corrosion-resistant 6061-T6 aluminum and is secured to bollard head with tamper resistant stainless steel hardware. The photocontrol option is available in dedicated 120V or 208-277V. When specifying a photocontrol option make sure to designate the appropriate voltage within the catalog logic.

**Edge**



When specifying with the EDGE option, the diffused glass becomes thicker adding a visible line of light around the edge accentuating the luminaires' aesthetics and styling.

**TECHNICAL NOTES:**

- Adjustable mounting base - Cast aluminum mounting base is equipped with the patented LumaLevel™ leveling system that includes mounting base, 70 shore neoprene base, stainless steel hardware and a slot to accommodate two inbound and outbound 3/4" conduits. It provides quick installation, easy adjustment, secure mounting and protection from vibration.

# HAWK - model: WP-LED2

## Endurance Wallpack

# WAC LIGHTING

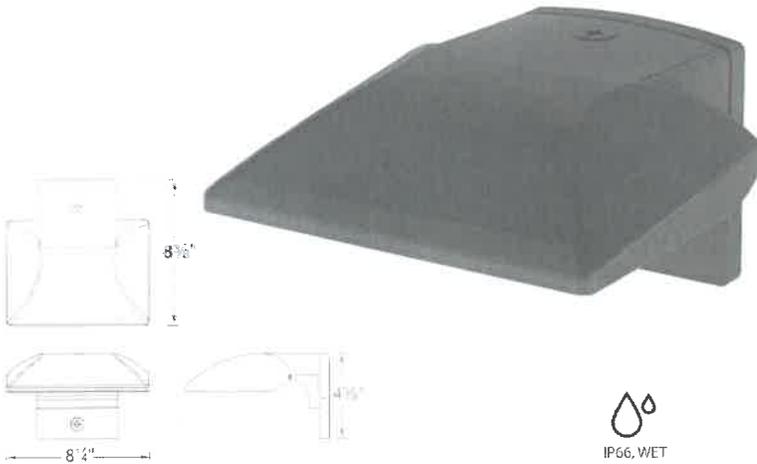
## Responsible Lighting®

Fixture Type:

Catalog Number:

Project:

Location:



### SPECIFICATIONS

**Construction:** Die-cast aluminum

**Power:** Integral driver in luminaire. Universal voltage input (120V-277V)

**Dimming:** 100% - 30% with 0 - 10V dimmer (120V - 277V)

100% - 15% with Electronic Low Voltage (ELV) dimmer (120V only)

**Finish:** Architectural Bronze, Graphite, and White

**Standards:** IP66, Wet Location, ETL & cETL Listed

**Total Harmonic Distortion:** 35%

**Operating Temperature:** -40°C (-40°F) to 40°C (104°F)

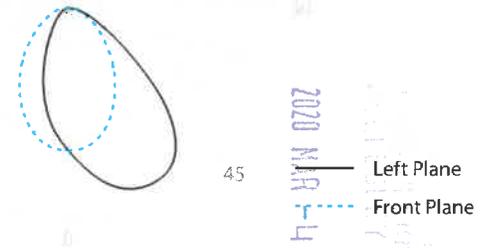
### PRODUCT DESCRIPTION

Die cast aluminum factory sealed housings with patent pending design for a water and dust proof IP66 rated outdoor luminaire

### FEATURES

- Factory-Sealed LED Light Engine
- Die-Cast Aluminum Construction
- 20° Forward Throw Illumination
- Photo/Motion Sensor Compatible (Sold Separately)
- Built-in Level For Easy Adjustment
- Suitable to install in all directions
- Multi-Function Dimming: ELV (120V) or 0-10V
- 85 CRI
- 100,000 hour rated life

### PHOTOMETRY



### ORDER NUMBER

	Power	Comparable	Color Temp	Delivered Lumens	CBCP	Finish	
	9W	3W219D	30	2100K	1345	1622	<b>aBZ</b> Architectural Bronze
			50	3000K	1422	1754	
	27W	3W227D	30	3000K	2050	1436	<b>aGH</b> Architectural Graphite
			50	3000K	2095	1478	<b>aWT</b> Architectural White

-  -

Example: **WP-LED219-30-GH**

### ACCESSORIES

	Photo Sensor (120V)	<b>MS-120-BZ</b> <b>MS-120-GY</b> <b>MS-120-WT</b>	Finish: Bronze Gray White		Photo Sensor (120V)	<b>PC-120-BZ</b> <b>PC-120-GY</b> <b>PC-120-WT</b>	Finish: Bronze Gray White
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WAC Lighting  
www.waclighting.com  
Phone (800) 526.2588 • Fax (800) 526.2585

Headquarters/Eastern Distribution Center  
44 Harbor Park Drive • Port Washington, NY 11050  
Phone (516) 515.5000 • Fax (516) 515.5050

Western Distribution Center  
1750 Archibald Avenue • Ontario, CA 91760  
Phone (800) 526.2588 • Fax (800) 526.2585

## Archetype Outdoor Post Lantern 3000K

Fixture Type: \_\_\_\_\_  
 Catalog Number: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Location: \_\_\_\_\_

Model & Size	Color Temp & CRI	Finish	Watt	LED Lumens	Delivered Lumens	Title 24
PM-W15928	3000K	BK	16W	1200	382	Yes

Example: **PM-W15928-BK**

### DESCRIPTION

A low profile, artful design adds a distinctive, sophisticated look in any outdoor application.

### FEATURES

- Aluminum hardware with etched glass diffuser
- Mount on 3" maximum post (not included)
- ACLED driverless technology
- 5 year warranty

### SPECIFICATIONS

Color Temp:	3000K
Input:	120 VAC, 50/60Hz
CRI:	90
Dimming:	ELV: 100 - 10%
Rated Life:	54000 Hours
Standards:	ETL, cETL, IP65, Title 24 JA8-2016 Compliant, Dark Sky Friendly Wet Location Listed

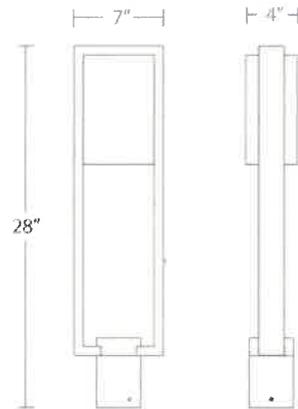


### FINISHES



Black

### LINE DRAWING



**PM-W15928**

Type:

Model:

Project:

## SPECIFICATION SHEET

### MODEL 1501 Architectural Series • Step Lights • LED

#### FIXTURE SPECIFICATIONS:

##### HOUSING:

Compression-molded fiber-reinforced polymer. High-strength, heat resistant and UV stable. Molded in threaded brass inserts.

##### DOOR COVER:

Door cover available in choice of three styles - beveled edge tempered glass aperture plate, die-cast copper-free aluminum bordered cover with tempered glass lens, or die-cast copper-free aluminum louvered cover with tempered glass lens.

##### FINISH:

Metal Door Cover: Durable powder coat finish available in Black, Architectural Bronze, Dark Bronze, Granite, White, Architectural Brick, Light Bronze, Special Bronze, Glossy Gray, Rust, Hunter Green, Weathered Bronze, Weathered Iron, Graphite Metallic, Verde, Pewter, Mocha and Olde Finish.

Glass Border: Black (Standard)

##### OPTICS/AIMING:

No-glare optics. Hot-aiming adjustable performance optic assembly. 30° of adjustment for precise beam control.

##### LAMP TYPE:

Three high output LED emitters, powered for high efficiency. Modular performance optic package.

##### REFLECTOR:

Extruded aluminum, stain etched. Adjustable  $\pm 15^\circ$  from preset  $0^\circ$

##### ELECTRICAL:

Constant current Class 2 output driver with universal voltage input (120-277VAC) Suitable for through branch wiring. Four  $\frac{1}{2}$ " NPT conduit entry hubs with knockout membrane standard.

##### DRIVER:

Integral CUL listed LED driver, either non-dimmable **ND** or dimmable. Dimming: 0-10V **010** and Phase Cut TRIAC (120V only) **PCT** options available.

##### MOUNTING:

Rough-in box designed for installation in concrete, brick/block, wood frame construction (non-IC) and insulated walls (IC).

##### FASTENERS/INSERTS:

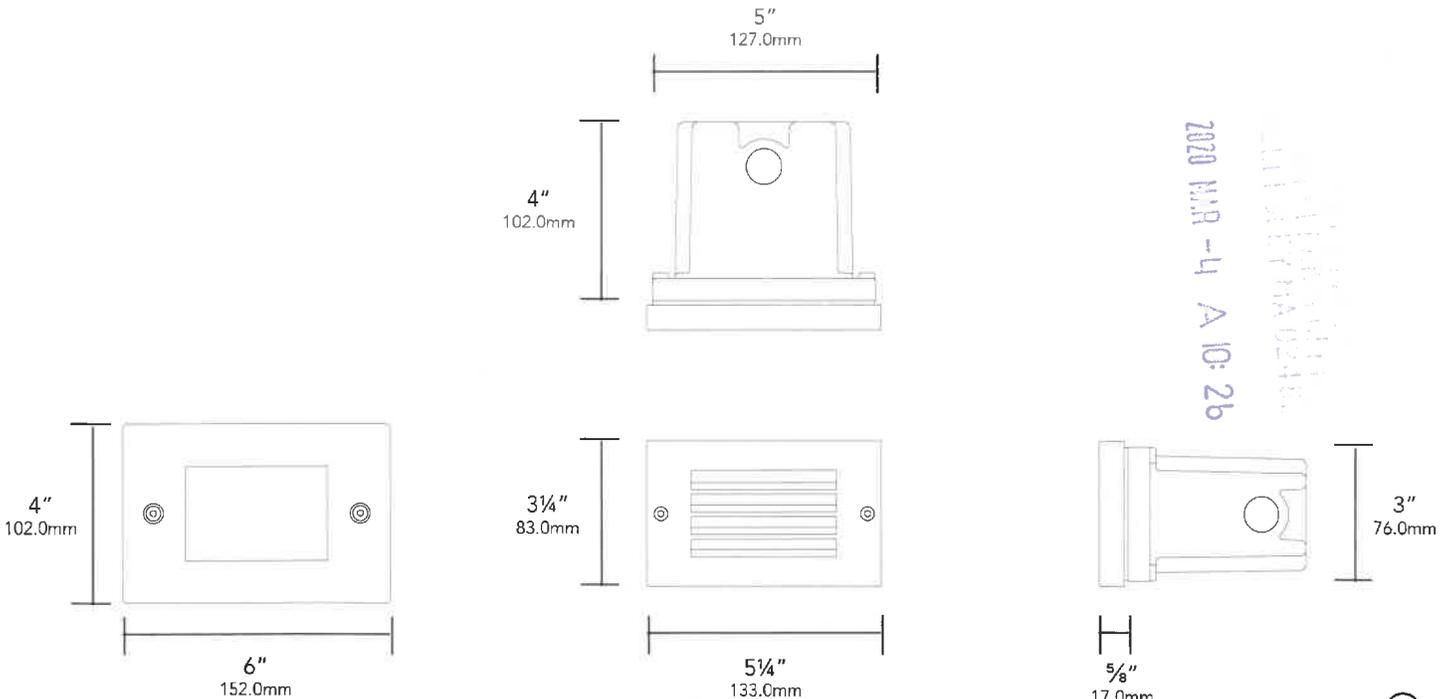
All fasteners are stainless steel.

##### CERTIFICATION:

UL Listed to U.S. & Canadian safety standards for line voltage landscape luminaires (UL 1598). Suitable for wet locations. *IP66*

**All Vista Architectural luminaires are MADE IN THE U.S.A.**

#### DIMENSIONS:



Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification.



# SPECIFICATION SHEET

## MODEL 1501 Architectural Series • Step Lights • LED

### LAMP SPECIFICATIONS:

#### LED

- High output LED, powered for high efficiency
- Modular performance optic package
- 5.75 Watts
- 210 Deliverable Lumens

#### OPTICS / AIMING

- No-glare optics
- Hot-aiming adjustable performance optic assembly
- 30° of adjustment for precise beam control

#### ELECTRICAL

- Constant current Class 2 output driver
- Universal voltage input (120-277VAC)
- Suitable for through branch wiring
- Four ½" NPT conduit entry hubs with knockout membrane standard
- Dimming: 0-10V 010 and Phase Cut TRIAC (120V only) PCT options available.

### FIXTURE ORDERING INFORMATION

TO ORDER FIXTURE: Select appropriate choice from each column as in the following example.

**EXAMPLE: 1501-AL-B-W-MV-PCT-CP-ER-1501-1**

MODEL	DOOR COVER	FINISH	COLOR TEMP	VOLTAGE	DIMMING	HOUSING (Rough-in Box)	ACCESSORIES
1501	AB - Aluminum Border	<b>Metal Door Cover</b>	27 - 2700°K	MV - Multi-volt	ND - Non Dimming 010 - 0 -10V PCT - Phase Cut TRIAC (120V only)	CP - Composite	ER-1501-1 (1 Extension Ring) ER-1501-2 (2 Extension Rings) ER-1501-3 (3 Extension Rings) FT - Flush Tray DF1 - Diffuser Film
	AL - Aluminum Louver	SS - Stainless Steel*	30 - 3000°K				
	BB - Brass Border	BSN - Natural Brass**	35 - 3500°K				
	BL2 - Brass Gradient Door	BSO - Olde Brass**	40 - 4000°K				
	BL3 - Brass Louver	Standard					
	BW - Brass Window	B - Black					
	SW - Stainless Steel Window	Z - Architectural Bronze					
	SB - Stainless Steel Border	DZ - Dark Bronze					
	SL2 - Stainless Steel Gradient Door	GT - Granite					
	SL3 - Stainless Steel Louver	W - White	Premium				
GB - Glass Border	BR - Architectural Brick						
	LZ - Light Bronze						
	SB - Special Bronze						
	GG - Glossy Gray						
	R - Rust						
	HG - Hunter Green						
	WB - Weathered Bronze						
	WI - Weathered Iron						
	GM - Graphite Metallic						
	Hand Finished						
	G - Verde						
	P - Pewter						
	M - Mocha						
	OF - Olde Finish						
	<b>Glass Border Door Cover</b>						
	B - Black (Standard)						
	Custom Color: (Consult Factory for Lead Time)						
	* Stainless Steel Borders, Louvers, and Doors only.						
	** Brass Borders, Louvers, and Doors only.						

Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification.

# DESIGN 128 SERIES - IP68

NOVA FLEX

The Nova Flex Design 128 - IP68 is an architectural grade LED ribbon / LED tape lighting that ensures proper execution of design intentions. Ribbon can be installed in both dry and wet locations.



PRODUCT CODE	LUMENS/FT	EFFICACY
NF/SP-DS-W-128-24V-2700K	316	88
NF/SP-DS-W-128-24V-3000K	322	89
NF/SP-DS-W-128-24V-3500K	328	91
NF/SP-DS-W-128-24V-4100K	312	87
NF/SP-DS-W-128-24V-5500K	316	88

Also available in IP65.



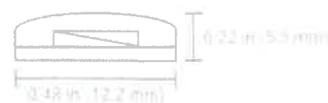
Product Shown is Pro 120 - IP68

## PHYSICAL

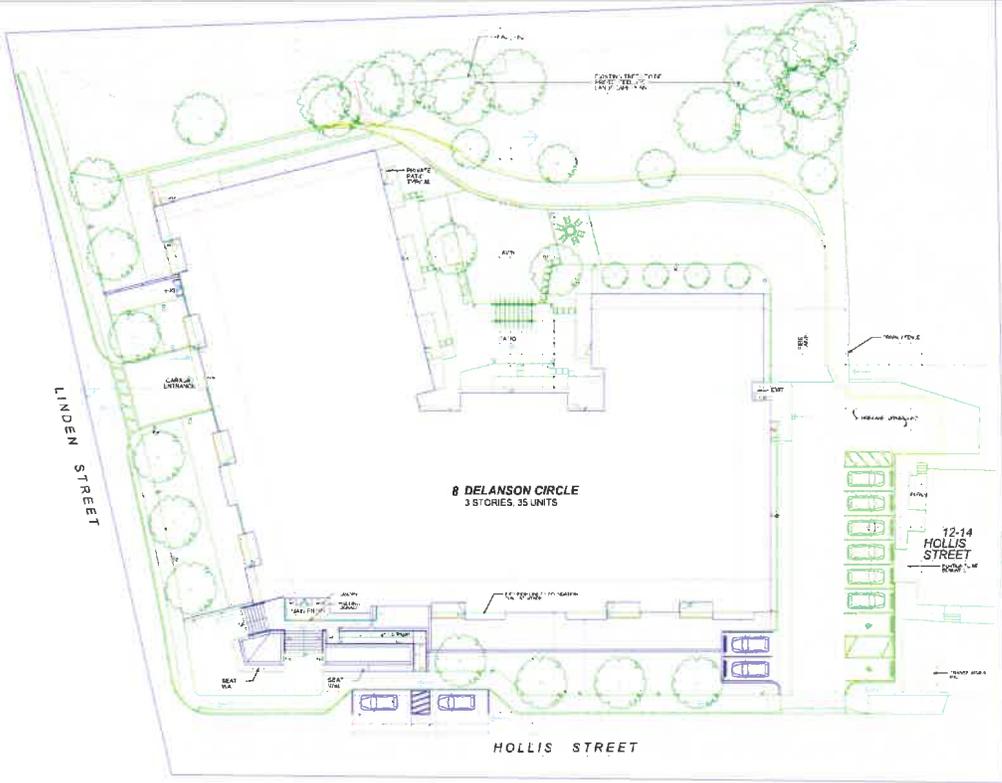
Operating Temp	-15° F to +140° F (-26° C to +60° C)
Class II Max Run	22.9 ft
CRI	90+
Cut Length	2.5 in
Environment	IP68
Mounting	Adhesive / Clips / Channels
Width	0.48 in (12.2 mm)
Height	0.22 in (5.5 mm)

## ELECTRICAL

Input Voltage	24V DC
Power Consumption	3.6 w/ft
LEDs/Meter	128
Lamp Life	50,000+ hours
Wire Size	20 AWG, 2 wire
Dimming	MLV / 0-10V
Certifications	UL Listed
Warranty	5 years



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8 DELANSON CIRCLE  
3 STORIES, 35 UNITS

12-14  
HOLLIS STREET

HOLLIS STREET

LINDEN STREET

Symbol	Qty	Value	Arrangement	Description
[Symbol]	1	AS-01	2111.0	50+48+125+381+4400=720+14=3110+258=36
[Symbol]	4	AS-02	2112.0	8=12027+3=3
[Symbol]	1	AS-03	2112.0	1521
[Symbol]	1	AS-04	2112.0	NS-AF=00
[Symbol]	2	AS-05	2112.0	NS-215424
[Symbol]	4	AS-06	2112.0	NS-011877

Calculation	Units	Avg	Max	Min	A & Min	Max/Min
Label	35	0.35	12.7	0.0	1.3	1.4
Calc: Pres 1						

Fixture Type: \_\_\_\_\_

Catalog Number: \_\_\_\_\_

Project: \_\_\_\_\_

Location: \_\_\_\_\_

## Mod

### 6" Outdoor Wall Sconce 3000K

Model & Size	Color Temp & CRI	Watt	Voltage	LED Lumens	Delivered Lumens	Finish
WS-W65607	3000K	16.5W	120-277 VAC	1165	850	<input type="radio"/> BK <input type="radio"/> BZ <input type="radio"/> GH <input type="radio"/> WT

Example: **WS-W65607-BK**

#### DESCRIPTION

Expertly crafted from die-cast aluminum. The Mod family features a smooth curved modern shape. ADA Compliant and Dark Sky friendly. Ideal for exterior residential, hospitality and commercial applications.

#### FEATURES

- Weather resistant powder coat finish
- Low profile with effective path illumination
- Light engine is factory sealed for maximum protection from the elements
- Driver concealed within the fixture
- 5 year warranty

#### SPECIFICATIONS

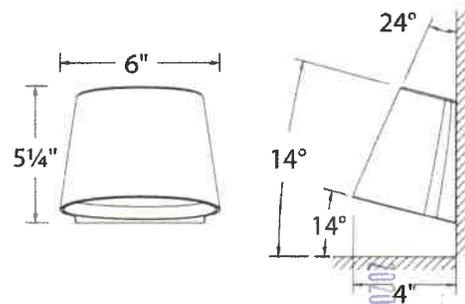
Color Temp:	3000K
Input:	120-277 VAC, 50/60Hz
CRI:	90
Dimming:	ELV: 100 - 10%
Rated Life:	70000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL, IP65, Title 24 JA8-2016 Compliant Wet Location Listed
Construction:	Aluminum hardware with glass diffuser



#### FINISHES



#### LINE DRAWING



WS-W65607

## Archetype

### Outdoor Wall Sconce 3000K

Fixture Type: \_\_\_\_\_  
 Catalog Number: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Location: \_\_\_\_\_

Model & Size	Color Temp & CRI	Finish	Watt	LED Lumens	Delivered Lumens	Title 24
WS-W15912	3000K	BK	10W	800	331	Yes

Example: **WS-W15912-BK**

#### DESCRIPTION

A low-profile, artful design adds a distinctive, sophisticated look in any outdoor application.

#### FEATURES

- ACLED driverless technology
- 5 year warranty

#### SPECIFICATIONS

Color Temp:	3000K
Input:	120 VAC, 50/60Hz
CRI:	90
Dimming:	ELV: 100 - 10%
Rated Life:	54000 Hours
Standards:	ETL, cETL, IP65, Title 24 JA8-2016 Compliant, Dark Sky Friendly, Wet Location Listed
Construction:	Aluminum hardware with etched glass diffuser

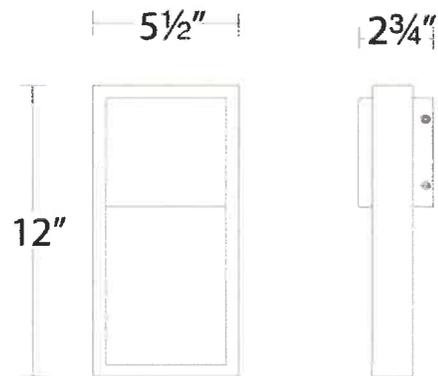


#### FINISHES



Black

#### LINE DRAWING



**WS-W15912**

## Archetype

### Outdoor Wall Sconce 3000K

Model & Size	Color Temp & CRI	Finish	Watt	LED Lumens	Delivered Lumens	Title 24
WS-W15918	3000K	BK	13W	1000	435	Yes

Example: **WS-W15918-BK**

#### DESCRIPTION

A low-profile, artful design adds a distinctive, sophisticated look in any outdoor application.

#### FEATURES

- ACLED driverless technology
- 5 year warranty

#### SPECIFICATIONS

<b>Color Temp:</b>	3000K
<b>Input:</b>	120 VAC, 50/60Hz
<b>CRI:</b>	90
<b>Dimming:</b>	ELV: 100 - 10%
<b>Rated Life:</b>	54000 Hours
<b>Standards:</b>	ETL, cETL, IP65, Title 24 JA8-2016 Compliant, Dark Sky Friendly, Wet Location Listed
<b>Construction:</b>	Aluminum hardware with etched glass diffuser

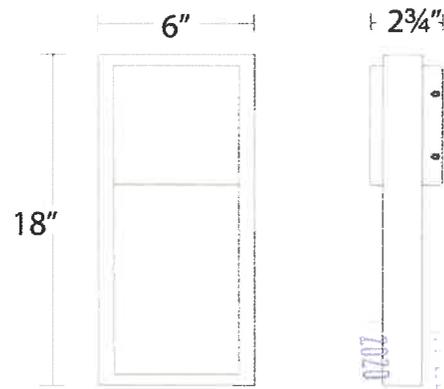


#### FINISHES



Black

#### LINE DRAWING



WS-W15918

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 WAC LIGHTING MA 02:40:4

## Archetype

### Outdoor Wall Sconce 3000K

Fixture Type: \_\_\_\_\_  
 Catalog Number: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Location: \_\_\_\_\_

Model & Size	Color Temp & CRI	Finish	Watt	LED Lumens	Delivered Lumens	Title 24
WS-W15924	3000K	BK	16W	1200	571	Yes

Example: **WS-W15924-BK**

#### DESCRIPTION

A low-profile, artful design adds a distinctive, sophisticated look in any outdoor application.

#### FEATURES

- ACLED driverless technology
- 5 year warranty

#### SPECIFICATIONS

Color Temp:	3000K
Input:	120 VAC, 50/60Hz
CRI:	90
Dimming:	ELV: 100 - 10%
Rated Life:	54000 Hours
Standards:	ETL, cETL, IP65, Title 24 JA8-2016 Compliant, Dark Sky Friendly Wet Location Listed
Construction:	Aluminum hardware with etched glass diffuser

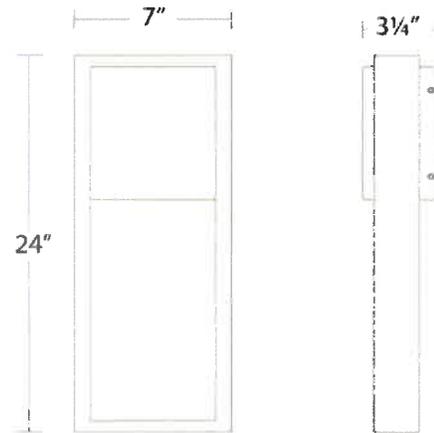


#### FINISHES



Black

#### LINE DRAWING



**WS-W15924**