



# Wall Light

**WLD86LED** 86 Watt LED Wall Light



## SPECIFICATIONS:

**Lumens:** 9173  
**Watts:** 85.62  
**Lumens/Watt:** 107.1  
**CRI:** 83.1  
**CCT:** 4685  
**Lifespan:** 200,000+ hrs.<sup>1</sup>



### Construction:

Rugged Traditional aluminum die cast housing provides proven environmental protection for LED modules. Traditional fixture designs provide a familiar look and standard installation requirements. Retaining this look allows the ability to upgrade fixtures gradually, while retaining the same overall fixture appearance throughout a facility.

### Glare Free:

Positioning of the LED modules within the housing result in light directed to desired locations and eliminates offensive light.

### Lens:

Lens assembly is designed to provide high efficiency and to target the light where needed to satisfy outdoor lighting requirements.

Positioning of the LEDs (along with Patent Pending thermal management system) results in the light being directed to desired locations eliminating glare and offensive light.

### Thermal Management:

Atlas' Patent Pending exclusive Thermal Stacking Technology System™ features a unique internal design that allows for lower operating temperatures which results in a brighter, whiter light, more stable color and longer LED and driver life.

### Listings:

Luminaire is certified to cUL and CSA Standards for Wet Location Lighting Facts Certified DesignLights Consortium Premium qualified luminaire, eligible for rebates from DLC member utilities.

### AC Input:

120/208/240/277 V

### Driver:

Constant current, Class 2, 120-277 VAC, 50-60 Hz  
High Efficiency – min. 84%  
0-10 V Dimming

### LEDs:

4500K CCT  
Epoxy Guard™ protective conformal coated boards

Atlas LEDs provide higher lumen output, greater energy efficiency and more reliable fixture performance. They are tested and binned at 700mA which is the actual operating current used in Atlas LED luminaires, giving a better representation of actual performance.

### Testing:

Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80, and have received the Department of Energy "Lighting Facts" label.

**Warranty:** Five-year limited warranty

**Installation:** Fixture retains the same knock-out sizes and positions as previous models, reducing wiring costs.

**Weight:** 15.0 lbs.

**Photo Control:** For factory installed 120V button photo control add suffix PC to part number.

**Emergency Back-up<sup>2</sup>:** For factory installed Emergency Back-Up add suffix EB to part number.

## Project Information

Job Name

Fixture Type 86 Watt LED Die Cast Wall Light

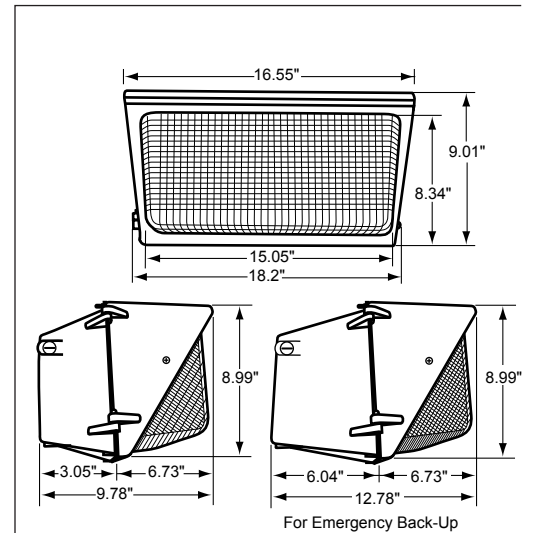
Catalog Number WLD86LED

Approved by



**WLD86LED Design is Protected by U.S. Patent No. 9,482,395**

## DIMENSIONS:



<sup>1</sup>LED Life Span Based Upon LM-80 Test Results

<sup>2</sup>Emergency Back-Up requires larger back housing. Contact Atlas for more details.

## ATLAS LIGHTING PRODUCTS, INC.

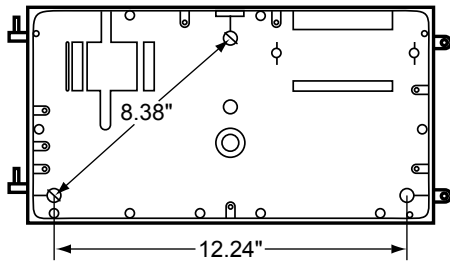
PO BOX 2348 | BURLINGTON, NC 27216  
800-849-8485 | FAX: 336-227-0110 | www.atlaslightingproducts.com

Made in the USA of US and imported parts. Meets Buy American requirements within the ARRA.

## ENERGY SAVINGS

LED		HID			ANNUAL SAVINGS
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	
86	\$38	200	232	\$128	\$90
86	\$38	250	285	\$150	\$112
86	\$38	400	458	\$226	\$188

## MOUNTING DETAIL



Atlas Lighting Products, Inc.

**LED**
lighting facts®  
A Program of the U.S. DOE

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<b>Light Output (Lumens)</b>	<b>9173</b>
<b>Watts</b>	<b>85.62</b>
<b>Lumens per Watt (Efficacy)</b>	<b>107.14</b>

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<b>Color Accuracy</b>	<b>83</b>
Color Rendering Index (CRI)	

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**Light Color**  
Correlated Color Temperature (CCT) **4685 (Daylight)**

2700K    3000K    4500K    6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the *Label Reference Guide*.

Registration Number: PRB4-MEN8GG (8/1/2016)  
Model Number: WLD86LED  
Type: Luminaire - Area/Roadway