



# Optic Flood Light

## PFL2GH20L LED Optic Flood Light



### SPECIFICATIONS:

	PFL2GH20L3K	PFL2GH20L4K	PFL2GH20L45K	PFL2GH20L5K
<b>Lumens:</b>	20200	21338	21338	21534
<b>Watts:</b>	141.85	141.85	141.85	141.85
<b>Lumens/Watt:</b>	142.4	150.4	150.4	151.8
<b>CRI:</b>	70	70	70	70
<b>CCT:</b>	3000	4000	4500	5000
<b>DLC Prod. ID:</b>	P9DPY9A8	PXLYAN2V	PXVX6GOY	PXVX6GOY

### Construction:

Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life. Apertures for field or factory installed photocontrol. Separate driver compartment for cooler operation and longer driver life. Removable back panel offers easy access to the driver compartment. Available with heavy duty trunnion or slipfitter.

### Optics:

Atlas optic flood lights utilize individual lenses for maximum light intensity. These lenses are made of optical grade acrylic. This guarantees more footcandles, less glare and less wasted light.

### Thermal Management:

Atlas optic flood lights are designed as a complete system to optimize LED life and light output. The Patent Pending thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and components. The lower temperatures result in long LED life (200,000+ hrs<sup>1</sup>) and component life and also allows for higher light output.

### Listings:

Luminaire is certified to UL/cUL Standards for Wet Locations. DesignLights Consortium Premium qualified luminaire, eligible for rebates from DLC member utilities.  
IP65 Rated

**AC Input:** 120/208/240/277 V

### Driver:

Constant current, Class 2, 120-277 VAC, 50-60 Hz  
High Efficiency – min. 88%  
Off-State Power: 0 Watts  
0-10 V Dimming

### LEDs:

3000K, 4000K, 4500K, 5000K 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.

### Reduced Glare:

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

### Testing:

Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80.

**Warranty:** Five-year limited warranty

### Options:

Photo Control - For factory installed 120V button photo control add suffix PC to part number.  
480 Volt - For 480V add suffix 4 to part number.

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

### Project Information

**Job Name**

**Fixture Type** LED Optic Flood Light

**Catalog Number** PFL2GH20L

**Approved by**



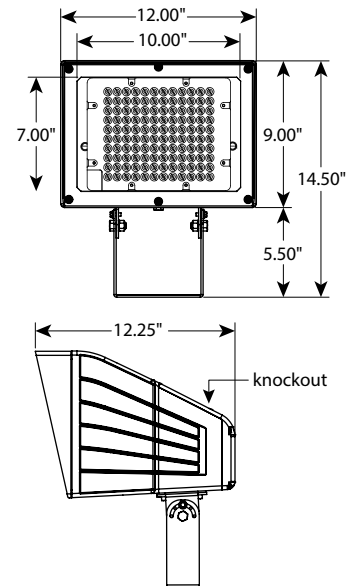
Optional Factory  
Installed Slipfitter  
Add Suffix S



### DIMENSIONS:

**Weight:** (with Trunnion) 20 lbs.  
(with Slipfitter) 21 lbs.

**EPA:** 1.00



## ATLAS LIGHTING PRODUCTS, INC.

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\*The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components. Meets Buy American requirements within the ARRA.

**Rebates and Incentives are available in many areas.  
Contact an Atlas Representative for more information.**



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## ORDERING FORMAT

<div>PFL2GH</div> <div>PRODUCT SERIES PFL2GH = Large Optic Flood Light (2nd Generation)</div>	<div>20L</div> <div>LUMEN PACKAGE 20L = 20,000 Lumens</div>	<div>45K</div> <div>COLOR TEMP. 3K = 3000K 4K = 4000K 45K = 4500K 5K = 5000K</div>	<div></div> <div>CONTROLS Blank = Dimming (0-10V) PC = 120V Photocontrol PM = 120-277V Photocontrol PR = Photo Receptacle</div>	<div></div> <div>VOLTAGE Blank = 120-277 4 = 347-480V</div>	<div></div> <div>COLOR Blank = Bronze WT = White* BK = Black* SL = Silver* <i>*optional with adder</i></div>	<div></div> <div>OPTIONS SP = Surge Protection S = Slipfitter</div>
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## MOUNTING DETAIL

