

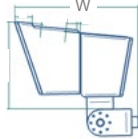
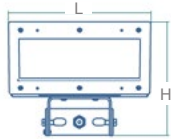
# LED V-Line Flood Light



## PRODUCT DESCRIPTION

LED V-Line flood light series create a powerful, customizable tool for implementing a designer's vision for nighttime facade lighting. With the ability to create extraordinary designs specific to the site, this powerful luminaire is extremely versatile for all lighting applications. It uses a die-casted aluminum housing, aerodynamic, and modern design. It is ideal to replace a halogen. High Quality Outdoor Powder Coat Finish. Three installation ways in trunnion, slip fitter and knuckle.

## SPECIFICATION



**26W, 38W, 52W**

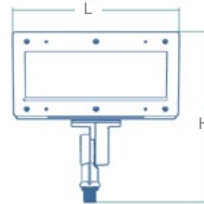
**Trunnion**

Length: 10.63"(270mm)

Width: 9.17"(233mm)

Height: 8.47"(215mm)

Max. Weight: 12.5 lbs



**26W, 38W, 52W**

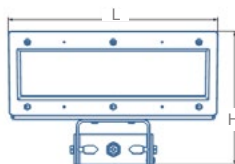
**Knuckle**

Length: 10.63"(270mm)

Width: 8.85"(225mm)

Height: 10.35"(263mm)

Max. Weight: 14 lbs



**80W, 100W & 120W**

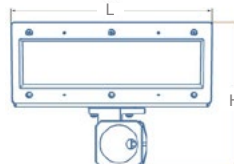
**Trunnion**

Length: 13.46"(342mm)

Width: 9.09"(231mm)

Height: 8.47"(215mm)

Max. Weight: 16.1 lbs



**80W, 100W & 120W**

**Slip Fitter**

Length: 13.46"(342mm)

Width: 8.39"(210mm)

Height: 9.69"(246mm)

Max. Weight: 17.3 lbs

**Ordering Information**
**Example: FL26504-PC-TR**

| Flood Light | Watts                  | CCT                            | Voltage                            | Controls                               | Installation  |
|-------------|------------------------|--------------------------------|------------------------------------|--|---|
| <b>FL</b>   | <b>26</b> - 26 Watts   | <b>30</b> - 3000K <sup>1</sup> | <b>1</b> - 120-277V                | <b>PC</b> - Photo Control <sup>3</sup> | <b>SF</b> - Slip Fitter <sup>4</sup><br><b>TR</b> - Trunion<br><b>KN</b> - Knuckle <sup>5</sup> |
|             | <b>38</b> - 38 Watts   | <b>40</b> - 4000K              | <b>4</b> - 120V                    |  |   |
|             | <b>52</b> - 52 Watts   | <b>50</b> - 5000K              | <b>5</b> - 277V                    |  |   |
|             | <b>70</b> - 80 Watts   |                                | <b>6</b> - 347V/ 480V <sup>2</sup> |  |   |
|             | <b>100</b> - 100 Watts |                                |                                    |  |   |
|             | <b>120</b> - 120 Watts |                                |                                    |  |   |

Notice:

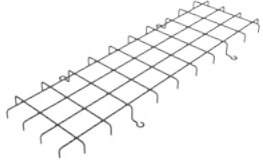
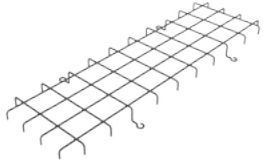
- 3000K DLC Premium only qualified with 26W, 38W and 52W.
- 347V/480V input is unavailable in 26W and 38W.
- PC is only for 120V or 277V. Without PC, please choose 120-277V.
- 2-3/8" slip fitter is commonly used to 80W, 100W and 120W. Optional for 26W, 38W and 52W.
- 1/2" knuckle is only for 26W, 38W, and 52W.

\* Standard Finish as Dark Bronze. Special Order as other finish color - Please Ask Customer Service for Details.

**Accessories**

| SKU   | MODEL                      | IMAGE  | DESCRIPTION                                      |
|-------|----------------------------|--|--|
| 90037 | Glare shield-S1 3.5"Height |  | Suitable for V-line flood light<br>26W/38W/52W   |
| 90038 | Glare shield-L1 3.5"Height |  | Suitable for V-line flood light<br>80W/100W/120W |

## Accessories

| SKU   | MODEL                   | IMAGE   | DESCRIPTION                                      |
|-------|-------------------------|---|--|
| 90180 | V-Line FL Wire guard-S1 |   | Suitable for V-Line flood light<br>26W/38W/52W   |
| 90181 | V-Line FL Wire guard-L1 |  | Suitable for V-Line flood light<br>80W/100W/120W |

## PERFORMANCE DATA

### LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -40 -104°F (-40-40°C)

| Watts | Lumen Output | LPW | Measured Watts | CCT  | CRI | AC Input 120V | IES Type |
|-------|--------------|-----|----------------|------|-----|---------------|----------|
| 26W   | 3061         | 123 | 25W            | 5000 | >70 | 0.24A         | 7Hx5V    |
| 38W   | 5100         | 126 | 41W            | 5000 | >70 | 0.35A         | 7Hx5V    |
| 52W   | 6643         | 128 | 52W            | 5000 | >70 | 0.48A         | 7Hx5V    |
| 80W   | 9619         | 121 | 80W            | 5000 | >70 | 0.74A         | 7Hx5V    |
| 100W  | 12014        | 119 | 101W           | 5000 | >70 | 0.91A         | 7Hx5V    |
| 120W  | 14185        | 117 | 121W           | 5000 | >70 | 1.1A          | 7Hx5V    |

| Ambient |            | Multiplier |
|---------|------------|------------|
| Celsius | Fahrenheit |            |
| 0       | 32         | 1.02       |
| 10      | 50         | 1.01       |
| 20      | 68         | 1.00       |
| 25      | 77         | 1.00       |
| 30      | 86         | 1.00       |
| 40      | 104        | 0.99       |

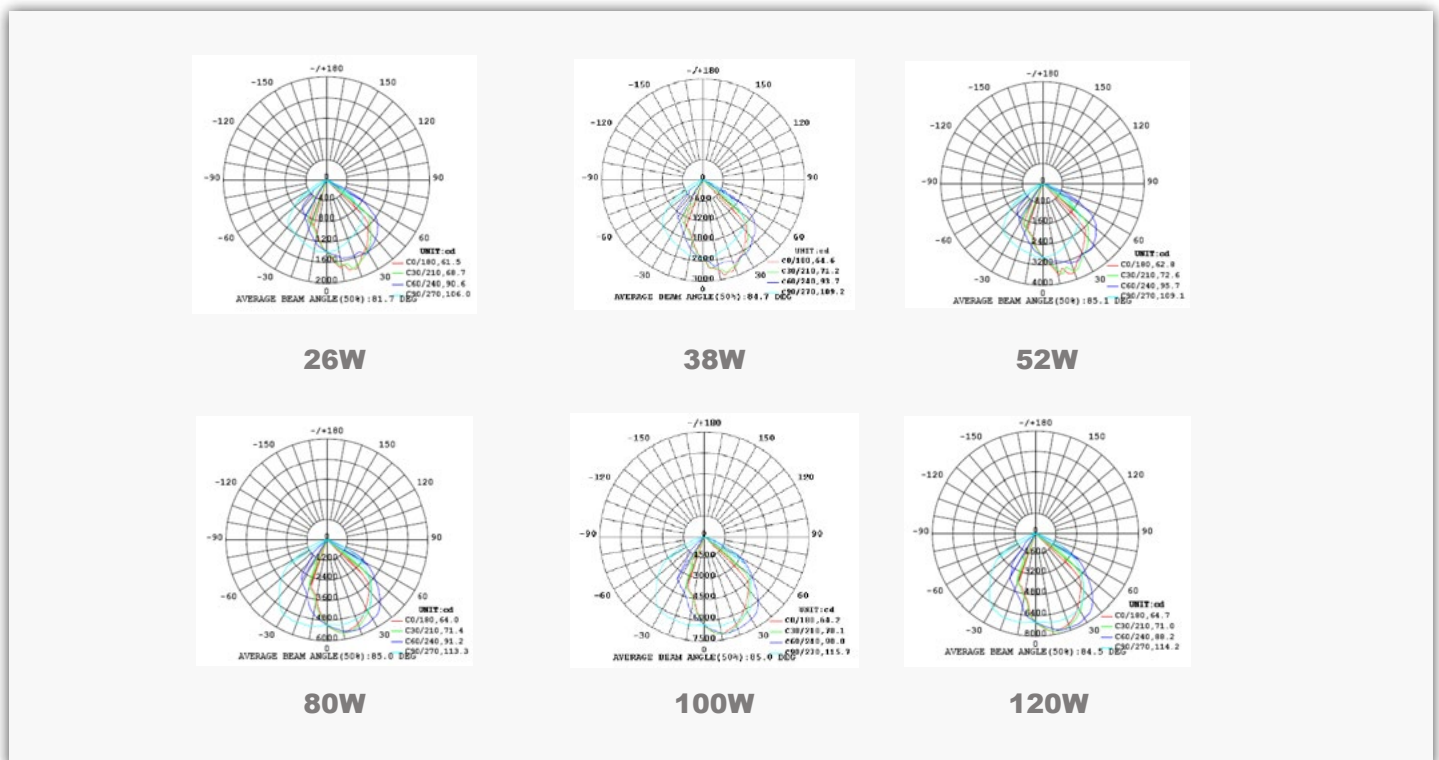
### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the FL120501 in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

| Operating Hours          | 0   | 10,000    | 16,000    | 30,000    | 109,000   |
|--------------------------|-----|-----------|-----------|-----------|-----------|
| Lumen Maintenance Factor | 1.0 | 0.98(L98) | 0.96(L96) | 0.92(L92) | 0.70(L70) |

### Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



## FEATURES



High quality die cast housing.



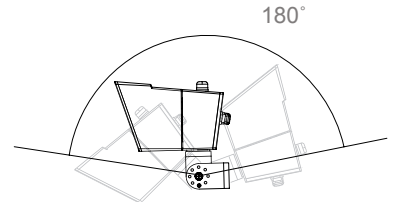
Multiple mounting options.  
Trunnion, Slip Fitter & Knuckle.



Air cooling.  
40°C ambient rated.



Precision construction.



180° swivel design.

## INSTALLATION

### OPTION 1: TRUNNION



### OPTION 2: 1/2 INCH NPS KNUCKLE MOUNTING

Knuckle only for 26W, 38W, & 52W



### OPTION 3: SLIP FITTER

2-3/8" slip fitter is commonly used to 80W, 100W & 120W. Optional for 26W, 38W and 52W.



## PRODUCT SPECIFICATIONS

### CONSTRUCTION & MATERIALS

- All cast aluminum construction
- Tempered glass lens
- Adjustable swivel for easy aiming
- Multiple mounting options for different applications

### ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 347V/ 480V
- 50/60Hz
- 1-10V dimmable driver
- Minimum ambient -40°C, maximum ambient 40°C
- Power Factor: > 0.98 at 120Vac
- Total Harmonic Distortion: < 20%
- 26W, 38W integral 2KV surge suppression protection standard
- 52W, 80W, 100W and 120W integral 4KV surge suppression protection standard

| System Wattage | Max THD (%) | Power Factor (at 120Vac) | Power Efficiency | Replaces/ Equiv.(MH) |
|----------------|-------------|--------------------------|------------------|----------------------|
| 26W            | 20          | >0.98                    | 85%              | 150W                 |
| 38W            | 20          | >0.98                    | 88%              | 175W                 |
| 52W            | 20          | >0.98                    | 90%              | 250W                 |
| 80W            | 20          | >0.98                    | 92%              | 320W                 |
| 100W           | 20          | >0.98                    | 92%              | 400W                 |
| 120W           | 20          | >0.98                    | 92%              | 400W                 |

Ref#: 10001-10125

### CERTIFICATIONS AND QUALIFICATIONS

- ETL Listed
- Suitable for wet location
- IP65 rated
- DLC Premium qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- RoHS compliant
- FCC compliant

### BUG RATING

| Model    | BUG Rating |
|----------|------------|
| FL26501  | B1-U1-G0   |
| FL38501  | B2-U1-G0   |
| FL52501  | B2-U1-G0   |
| FL70501  | B3-U1-G1   |
| FL100501 | B3-U1-G1   |
| FL120501 | B3-U2-G1   |

### Effective Project Area

26W/38W/52W EPA= 0.69 max (depending on mounting type)  
 80W/100W/120W EPA=0.9 max (depending on mounting type)

### Warranty

Ten year limited warranty. Full warranty terms located at [www.abovealllighting.com/warrantystatements](http://www.abovealllighting.com/warrantystatements)

**Note:** Specifications subject to change without notice.