



high lumen  
LED Flood



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



#### KEY FEATURES

**100,000-Hour** LED lifespan

**1-10V dimming** standard on all models

Light modules **±15° adjustable**

Optional **slipfitter, arm mount** available

**40°, 60° and 90° light distribution** options provided

## TECHNICAL SPECIFICATIONS

### COMPLIANCE

#### UL Listed

Suitable for wet locations

#### IESNA LM79 & LM-80 Testing

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

#### DLC Qualification

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.design-lights.org/qpl](http://www.design-lights.org/qpl)

### LED CHARACTERISTICS

#### LEDS

Long-life, high-efficacy, surface-mount LEDs

#### Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Color Rendering Index

>70

#### Color Uniformity

LEDGeeks range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

### ELECTRICAL

#### Drivers

1-10V Dimmable

Input Voltage: 100-277V (UV models), 50-60 Hz; or 277-480V (HV models), 50-60 Hz

Power Factor > 0.9

THD < 15%

Surge Protection 10kA

### CONSTRUCTION

#### IP Rating

IP 65 Rated

#### Ambient Temperature

Suitable for up to 50° C (122° F) ambient temperature

#### Cold Weather Starting

The minimum starting temperature is -40 F°/-40° C

#### Housing

Die-cast aluminum housing

#### Gaskets

Silicon Gaskets

#### Finish

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

#### Mounting Methods

- Trunnion (included)

- Slipfitter (optional)

- Arm Mount (optional)

#### Green Technology

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Lens

Polycarbonate

### OTHER

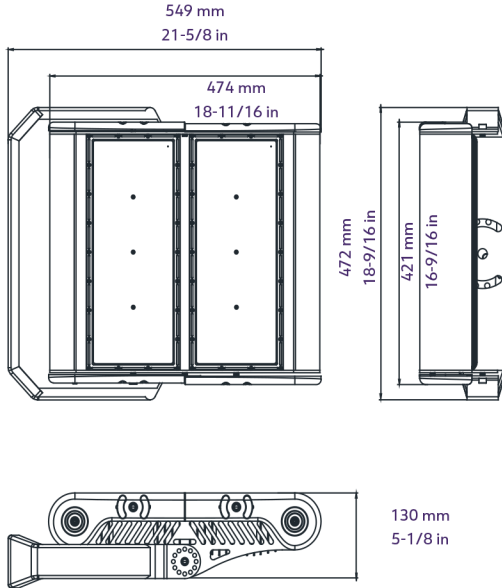
#### 5-Year Limited Warranty\*\*

LEDGeeks' 5-year, limited warranty covers light output, driver performance and paint finish.

## TECHNICAL SPECIFICATIONS Continued

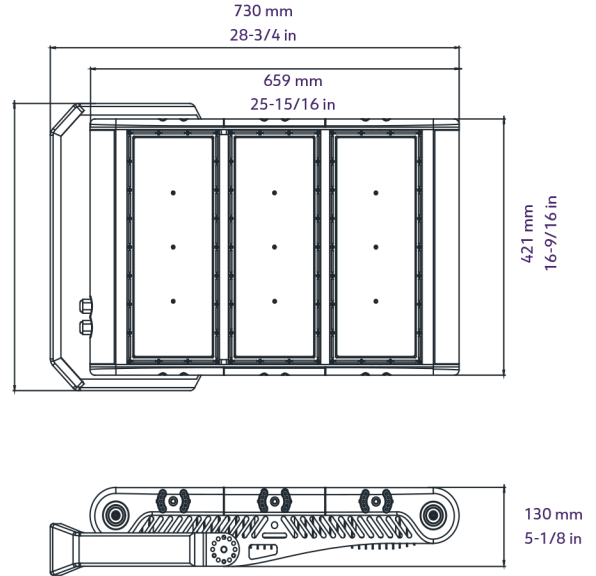
### GFFHL-500

Weight 38 lbs  
EPA 2.0



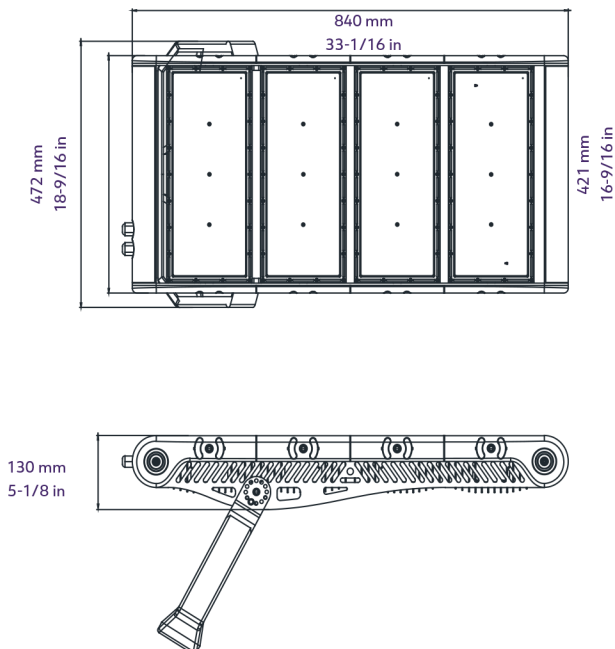
### GFFHL-750

Weight 53 lbs  
EPA 2.7



### GFFHL-1000

Weight 66 lbs  
EPA 3.3



#### FINISHES

all models    Black

#### LIGHT MODULES

GFFHL-500	2
GFFHL-750	3
GFFHL-1000	4

## ACCESSORIES Optional

### MOUNTS

**Slipfitter** is for round light pole tenon mounting bracket for a single lighting fixture, surely if adding a bullhorn bracket, more fixtures can be added, slipfitter bracket is 2-3/8 in diameter in hole size, it can be adjustable(90°-180°) in its angle.



**Arm Mount** is also called horizontal straight direct mount, it is usually used to mount on sides of square or round pole.

### SECONDARY SURGE PROTECTOR

**Secondary surge protector** can act as the second line of defense, in addition to the LED driver's integrated lightning arrester.

\* requires IP65 junction box option

### PHOTOCELL CONTROL

**Photocell Control** allows ON/OFF switching the luminaries, to be determined by the amount of daylight present. Specified low light levels at dusk will turn lights ON. When sufficient daylight returns at dawn, the lights automatically turn OFF. Automatic lighting controls save energy.

\* requires IP65 junction box option



### IP65 JUNCTION BOX

**IP65 junction box** is required for secondary surge protector or photocell control option. It also protects the electrical connections from the weather.



## PERFORMANCE

### GFFHL™ 500

500W	3000K Warm white	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	67,546	68,244	68,826	69,640
LM/W	135	137	138	140

### GFFHL™ 1000

1000W	3000K Warm white	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	135,986	137,663	139,061	141,018
LM/W	135	137	139	141

### GFFHL™ 750

750W	3000K Warm white	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	102,569	103,560	104,386	105,543
LM/W	135	137	138	139

## ORDERING INFORMATION

### GFFHL™

Family	Model	Input Voltage	Color Temp	Light Distribution	Options
GFFHL	— [ ] — [ ] — [ ] — [ ] — [ ]				
	<b>500</b> 500w	<b>UV</b> 100-277v	<b>30</b> <sup>1</sup> 3000K	<b>D40</b> 40°	<b>SF</b> slipfitter mount
	<b>750</b> 750w	<b>HV</b> 277-480v	<b>40</b> <sup>1</sup> 4000K	<b>D60</b> <sup>2</sup> 60°	<b>AM</b> arm mount
	<b>1000</b> 1000w		<b>50</b> 5000K	<b>D90</b> <sup>2</sup> 90°	<b>JB</b> IP65 junction box
			<b>57</b> <sup>1</sup> 5700K		<b>SP</b> <sup>3</sup> secondary surge protector
					<b>PC</b> <sup>3</sup> photocell control

Note 1) available for special order; 2) extra cost may apply; 3) requires JB option