



multi-purpose  
LED Sports Light



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

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

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

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



#### KEY FEATURES

- 100,000-Hour LED lifespan
- 1-10V dimming standard on all models
- Standard secondary surge protector
- Beam spread options available
- Option photocell control

## TECHNICAL SPECIFICATIONS

### COMPLIANCE

#### UL Listed

Suitable for wet locations

#### IESNA LM79 & LM-80 Testing

PacLights 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

PacLights' 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: 120-277V, 50-60 Hz (UV models) or 277-480V, 50-60 Hz (HV models)

Power Factor > 0.9; THD <15%; Driver Surge Protection 10kA

#### Secondary Surge Protector

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

Heavy-duty Trunnion Mount included. Slipfitter mounting option available.

#### 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\*\*

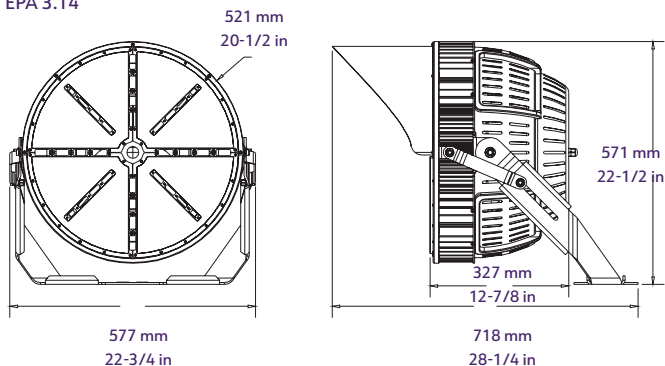
The PacLights 5-year, limited warranty covers light output, driver performance and paint finish.

\*\*PacLights's warranty is subject to all terms and conditions found at [paclights.com/warranty](http://paclights.com/warranty)

## TECHNICAL SPECIFICATIONS Continued

### FFHS/2 - 1000/1200

Weight 85 lbs  
EPA 3.14



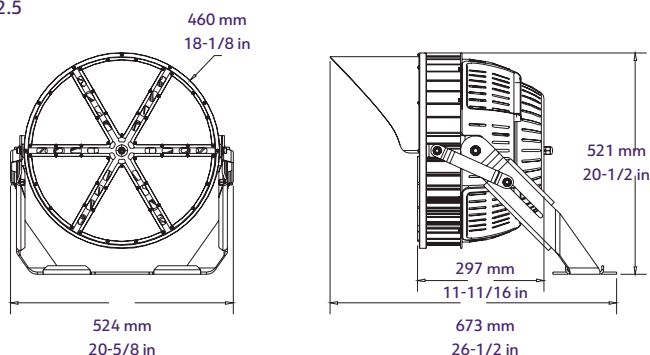
#### FINISHES

all models    Black



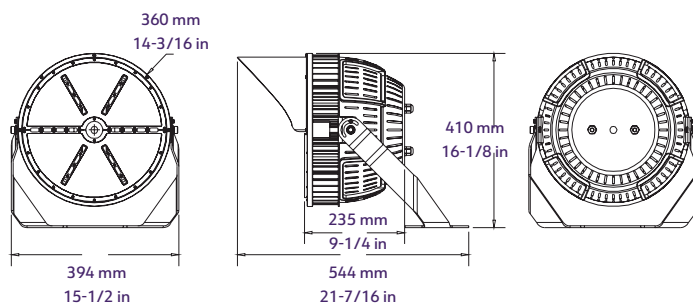
### FFHS/2 - 600/750

Weight 68 lbs  
EPA 2.5



### FFHS/2 - 400/500

Weight 35 lbs  
EPA 1.49



## ACCESSORIES



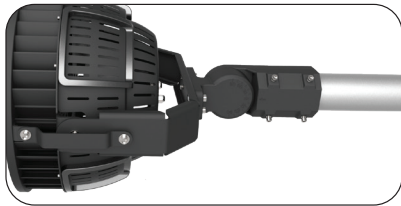
### GLARE SHIELD

With many sports areas located near residential, tourist and conservation areas, facilities must be able to install lighting systems that avoid unwanted illumination onto adjacent properties. PacLights engineered optical systems include glare shield that control light and distribute it on the task at hand to limit light trespass. This allows facilities to install luminaires and poles where they are needed for maximum effectiveness.

## ACCESSORIES Continued

### SLIPFITTER MOUNT

**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.



### 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.



## PERFORMANCE

### FFHS/2 - 400

400W	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	55,200	56,000	56,400
LM/W	138	140	141

### FFHS/2 - 500

500W	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	68,937	69,937	70,652
LM/W	138	140	141

### FFHS/2 - 600

600W	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	77,735	77,462	77,189
LM/W	130	130	129

### FFHS/2 - 750

750W	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	98,732	99,861	96,485
LM/W	130	134	134

### FFHS/2 - 1000

1000W	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	147,062	148,772	149,994
LM/W	141	143	144

### FFHS/2 - 1200

1200W	4000K Neutral	5000K Daylight	5700K Cool white
LUMENS	151,524	153,385	158,840
LM/W	126	126	127

## ORDERING INFORMATION

### FFHS™ generation 2

Family	Model	Input Voltage	Color Temp	Light Distribution	Options
FFHS/2	—	—	—	—	—
	400 400w	UV 100-277v	30 <sup>1</sup> 3000K	33 <sup>2</sup> 3H3V - 20°	SF slipfitter mount
	500 500w	HV 277-480v	40 <sup>1</sup> 4000K	443 <sup>3</sup> 4H4V - 30°	GS glare shield
	600 600w		50 5000K	444 <sup>4</sup> 4H4V - 40°	PC photocell control
	750 750w		57 <sup>1</sup> 5700K	55 <sup>5</sup> 5H5V - 60°	WG <sup>6</sup> wireguard
	1000 1000w			77 <sup>6</sup> 7H7V - 120°	
	1200 1200w				

Note 1) available for special order; 2) available for 600/750/1000/1200w models, extra cost may apply; 3) default for 400/500w models; 4) default for 600/750/1000/1200w models; 5) available for 600/750w models, extra cost may apply; 6) available for 400/500w models, extra cost may apply.