

# FloodPak Series

Innovative outdoor lighting family perfecting the blend of design and performance





Keene MAKES LIGHT WORK...

FloodPak brings innovation to outdoor lighting: One Fixture, Three Distributions, Three Mounting Applications, Unlimited Lighting Possibilities

From parking lots to walkways to building facades, outdoor lighting works to provide for the safety and security of employees, clients and visitors. In the past this has meant 3 distinct fixtures for 3 distinct applications.

Keene's new FloodPak brings performance, design and simplicity to outdoor lighting applications. Whether you are designing for the exterior of a shopping center, recreational facility, restaurant or office building, FloodPak means that you can use one fixture for your entire exterior lighting project.

The FloodPak can be surface mounted in various positions. Use it as a full cut-off wallcube or tilt up 22.5° for forward throw with semi cut-off. Tip it up 45° for floodlighting or turn it over and use it for indirect/accent lighting. FloodPak can also be pole or ground mounted using mounting accessories. **Wall, Ground or Pole mounting – the possibilities are endless.**

FloodPak shows respect for our environment, casting no uplight when aimed at 0° and provides superior light control at 22.5° angles. FloodPak is therefore the perfect solution when light pollution and trespass are a concern.

Style, Performance and infinite flexibility – Only FloodPak, can be the only solution for all exterior lighting requirements.

SPEC BAR	PERFORMANCE	APPLICATION	SOURCE				DISTRIBUTION PATTERN	INSTALL TIME	FAMILY FIXTURE	MAINTENANCE	CLASSIFICATION	
	★ ★ ★ ★ ○	COMM.	CFL 42-70W	MH 50-400W	HPS 50-400W	PS 250-400W					Wet	

# FloodPak Series



## 1 Fixture – 3 Mounting Possibilities: Wall, Ground, Pole

FloodPak can be wall, pole or ground mounted, bringing styling consistency to any commercial exterior lighting project. FloodPak ships standard with its versatile wall mount box with optional accessories available for conversion to other mounting applications.



Wall Mount



Wall Mount Indirect



Pole Mount



Façade (Ground Mount)

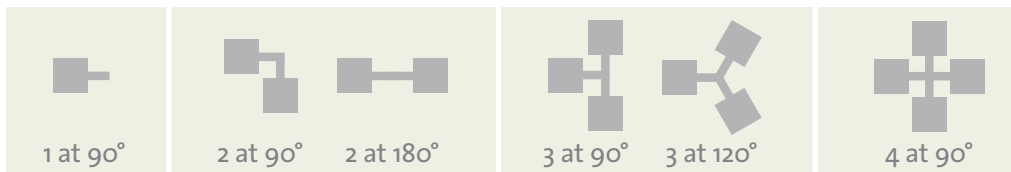
### Wall Mount

When wall mounted, FloodPak replaces standard wallcube fixtures for security and perimeter lighting. Rotate the FloodPak 180° to create a dramatic wall-washing effect.

### Pole Mount

When pole mounted using an optional arm mount, FloodPak can be used as a full cut-off luminaire or high angle flood for site and area lighting applications.

FloodPak adapts to round or square poles and can be mounted in a variety of configurations.



### Ground Mount

Ground mounting of FloodPak for above horizontal aiming is possible with the use of an optional fully adjustable arm. The adjustable arm features 5° aiming increments enabling a limitless variety of lighting options for a project.

# FloodPak Series

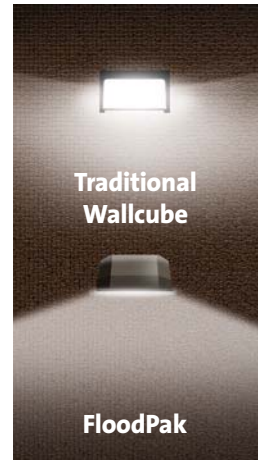


## Architectural Outdoor Family

The FloodPak family is available in three sizes ranging from 50W through to 400W in a variety of sources. The three distinct sizes ensure correct proportional relationships and architectural styling provides consistency for multiple exterior lighting applications. FloodPak's styling and versatility means that the same fixture can be used for entire commercial projects including strip malls, office buildings, condominiums and apartment buildings.

## Greater Efficiency than Traditional Wallcubes

FloodPak's multifaceted optics provide more efficient light control than traditional wallcubes resulting in fewer fixtures for a project ultimately reducing installation time and lower system and operation costs. Conventional wallcubes waste up to 60% of their available light illuminating the building wall and sky, resulting in low foot candle levels in critical areas and shorter distances between fixtures.



## Night Friendly Lighting

Light pollution and light trespass are growing concerns in many communities across North America. Light pollution is misdirected lighting creating sky glow. Light trespass is unwanted light that falls beyond the property line or area intended to be illuminated.

When mounted at 0° the FloodPak directs all of the light down and out, meeting IESNA full cut-off requirements providing quality, Night Friendly lighting.



## Innovative 3 In 1 Distribution Versatility

FloodPak's innovative wall mount box allows the housing to be mounted in various positions to create full cut-off, semi cut-off and forward throw distributions. The 3 mounting positions allow FloodPak to be used in a variety of exterior lighting applications.

### 0° cut-off position



#### Full Cut-off

When mounted in the 0° cut-off position, the FloodPak is great for use in perimeter and security lighting. The optics in this position provide wide distribution with up to 5:1 spacing ratio for maximum distance between fixtures.

### 22.5° semi cut-off position



#### Semi Cut-off

Installing the fixture body to its 22.5° position converts the FloodPak to semi cut-off optics with increased forward distribution while maintaining 5:1 spacing ratio.

### 45° flood/forward throw position



#### Non Cut-Off

In the 45° position, the FloodPak transforms into a Type IV non cut-off distribution pattern, suitable for forward throw applications.



# FloodPak Series

## Rugged Construction

Precision die-cast aluminum housing, door frame and mounting box. Standard finish is bronze Duraplex II™ polyester powder finish. Other colours may be specified. Captive and tamper-resistant screws are standard. Molded gasket prevents leakage in any position. Hinged door includes clear tempered glass lens. Integral heat sink ensures cool operation. All exposed hardware is stainless steel. Mounting box is rated for 90°C supply wire.

### Rugged Construction

Precision die-cast aluminum housing, door frame and mounting box.

### Duraplex-II Polyester Powder Finish

Dark bronze standard. Other designer colors available.

### Easy Access

Hinged door includes clear tempered glass lens.

### Integral Heat Sink

Ensures cool operation and longer ballast life.

### Vandal-Resistant

Captive and tamper-resistant screws.

### Multifaceted Reflector

Delivers uniform illumination in all positions.

### Corrosion-Resistant Hardware

All exposed hardware made from stainless steel.

### DayForm Appearance

Stylized daytime architectural design.

### Molded Gasket

Triple-finger seal prevents leakage in any position.

### Support Cable

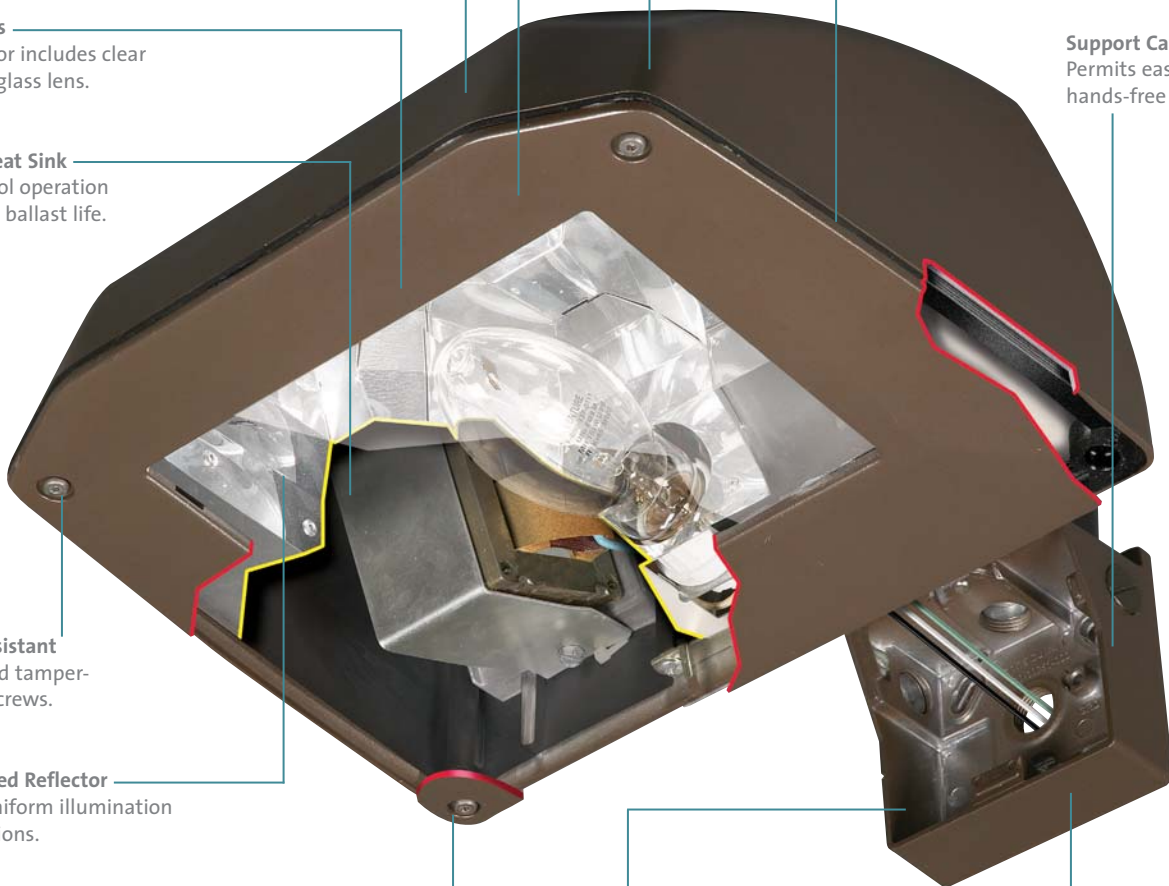
Permits easy hands-free wiring.

### Mounting/Wiring Box

Rated for 90°C supply wire. Can be surface mounted over various recess boxes or accept 1/2" surface conduit. Also accepts a button photo-control.

### Integral Bubble Level

Fast positioning of mounting box.





## Contractor Friendly design

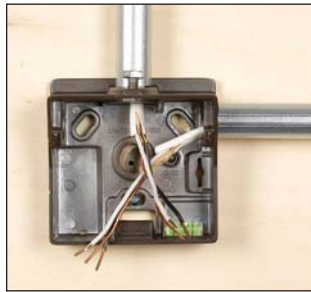
FloodPak is easy to install. Its contractor friendly design with integral safety cable and bubble level permits easy hands free wiring. FloodPak can be mounted using through-wall wiring or surface-mount conduit. Isolated mounting box allows the use of 90°C supply wire.

## Approvals

cUL approved for wet locations for above and below horizontal aiming.



cUL/UL approved Splice Box



Flexible Installation



Always on the level



Hands-Free Wiring

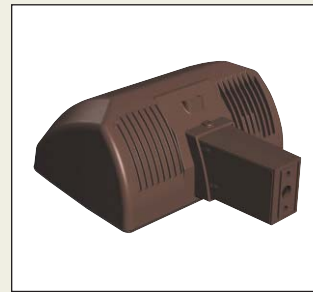
## Mounting Accessories



FPLAA  
Adjustable Tenon Arm for FPL



FPSAA  
Adjustable Arm for FPS/FPM



FPSPMA & FPLPMA  
Pole Mount Arm



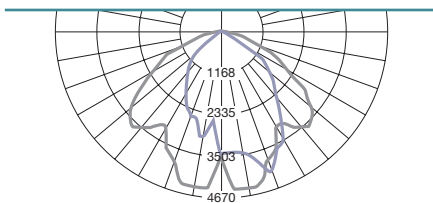
FPSVS, FPMVS, FPLVS  
Vandal Shield



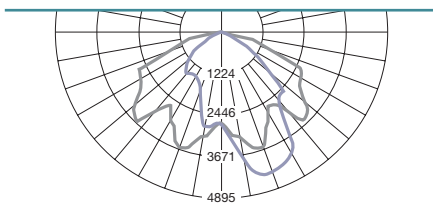
FPSRPA/FPLRPA  
Round Pole Adapter  
(for use with Pole Mount Arm)



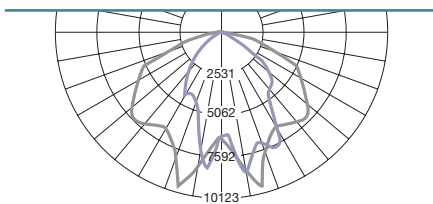
## FLOODPAK PHOTOMETRICS – FLOODLIGHT



**Luminaire:** FloodPak Small  
**Cat. No.:** FPS150NLXL-1  
**Lamp:** 150 watt HPS, Clear, ED17  
**Lumens:** 16,000  
**Nema:** 7 x 6  
**Max. Candela:** 4,670  
**Beam Angle:** 120°H x 70°V  
**Field Angle:** 151°H x 125°V  
**Efficiency:** 58 %



**Luminaire:** FloodPak Medium  
**Cat. No.:** FPM175MAL-1  
**Lamp:** 175 watt MH, Clear, ED17  
**Lumens:** 14,000  
**Nema:** 7 x 7  
**Max. Candela:** 4,895  
**Beam Angle:** 120°H x 75°V  
**Field Angle:** 157°H x 135°V  
**Efficiency:** 78 %



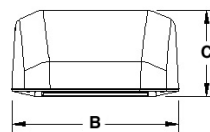
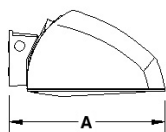
**Luminaire:** FloodPak Large  
**Cat. No.:** FPL400MAL-1  
**Lamp:** 400 watt MH, Clear, BT28  
**Lumens:** 36,000  
**Nema:** 7 x 6  
**Max. Candela:** 10,123  
**Beam Angle:** 134°H x 68°V  
**Field Angle:** 161°H x 124°V  
**Efficiency:** 61 %

— Vertical Floodlight Plane  
 — Horizontal Floodlight Plane

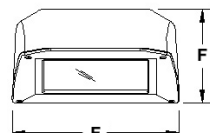
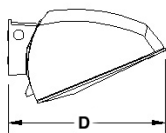
## DIMENSIONAL DATA

### Wall Mount

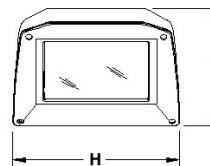
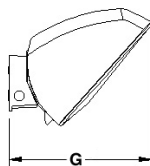
#### 0° Mounting



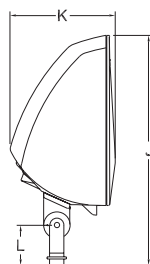
#### 22.5° Mounting



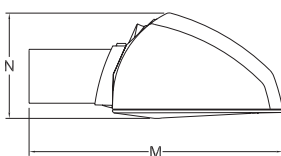
#### 45° Mounting



### Ground Mount



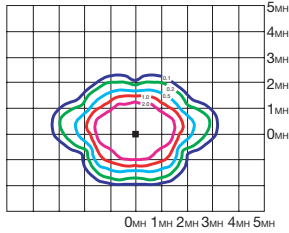
### Arm Mount



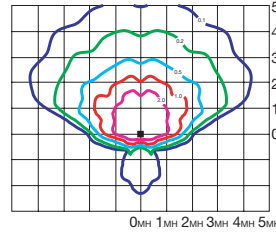
	FPS Small	FPM Medium	FPL Large
A	10"	12"	14 7/8"
B	11 1/2"	12 7/8"	18 3/4"
C	5 7/8"	6 5/8"	8 1/8"
D	10 1/8"	12 1/8"	14 7/8"
E	11 1/2"	12 7/8"	18 3/4"
F	6 1/4"	7 1/4"	8 3/4"
G	9 5/8"	11"	13 3/4"
H	11 1/2"	12 7/8"	18 3/4"
I	7 1/2"	9"	11 1/2"
J	12 3/4"	14 3/8"	22"
K	5 7/8"	6 5/8"	8 1/8"
L	2 1/2"	2 1/2"	7 3/8"
M	13 7/8"	15 7/8"	22 5/8"
N	5 7/8"	6 5/8"	8 1/8"

# FloodPak Series

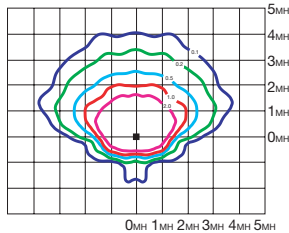
## FLOODPAK PHOTOMETRICS



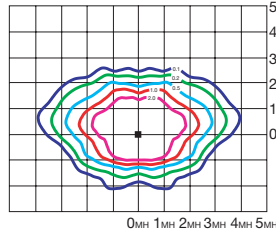
**Luminaire:** FloodPak Small  
**Cat. No.:** FPS150NLXL-1  
**Lamp:** 150 watt HPS, Clear, ED17  
**Lumens:** 16,000  
**Tilt:** 0 degrees  
**IES Classification:** Type I, Full Cut-Off  
**Mounting height:** 15 feet  
**LLF:** Initial



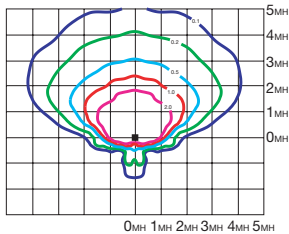
**Luminaire:** FloodPak Medium  
**Cat. No.:** FPM175MAL-1  
**Lamp:** 175 watt MH, Clear, ED17  
**Lumens:** 14,000  
**Tilt:** 45 degrees  
**IES Classification:** Type IV, Non Cut-Off  
**Mounting height:** 15 feet  
**LLF:** Initial



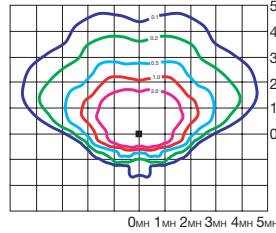
**Luminaire:** FloodPak Small  
**Cat. No.:** FPS150NLXL-1  
**Lamp:** 150 watt HPS, Clear, ED17  
**Lumens:** 16,000  
**Tilt:** 22.5 degrees  
**IES Classification:** Type III, Cut-Off  
**Mounting height:** 15 feet  
**LLF:** Initial



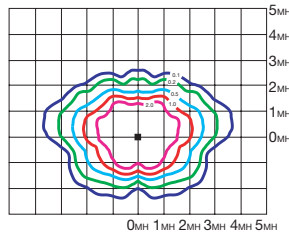
**Luminaire:** FloodPak Large  
**Cat. No.:** FPL400MAL-1  
**Lamp:** 400 watt MH, Clear, BT28  
**Lumens:** 36,000  
**Tilt:** 0 degrees  
**IES Classification:** Type II, Full Cut-Off  
**Mounting height:** 20 feet  
**LLF:** Initial



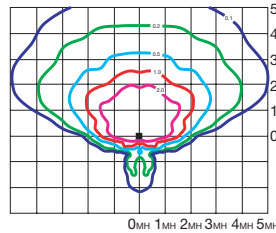
**Luminaire:** FloodPak Small  
**Cat. No.:** FPS150NLXL-1  
**Lamp:** 150 watt HPS, Clear, ED17  
**Lumens:** 16,000  
**Tilt:** 45 degrees  
**IES Classification:** Type IV, Non Cut-Off  
**Mounting height:** 15 feet  
**LLF:** Initial



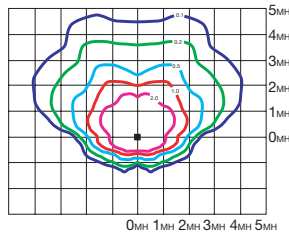
**Luminaire:** FloodPak Large  
**Cat. No.:** FPL400MAL-1  
**Lamp:** 400 watt MH, Clear, BT28  
**Lumens:** 36,000  
**Tilt:** 22.5 degrees  
**IES Classification:** Type IV, Semi Cut-Off  
**Mounting height:** 20 feet  
**LLF:** Initial



**Luminaire:** FloodPak Medium  
**Cat. No.:** FPM175MAL-1  
**Lamp:** 175 watt MH, Clear, ED17  
**Lumens:** 14,000  
**Tilt:** 0 degrees  
**IES Classification:** Type II, Full Cut-Off  
**Mounting height:** 15 feet  
**LLF:** Initial



**Luminaire:** FloodPak Large  
**Cat. No.:** FPL400MAL-1  
**Lamp:** 400 watt MH, Clear, BT28  
**Lumens:** 36,000  
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**IES Classification:** Type IV, Non Cut-Off  
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**Cat. No.:** FPM175MAL-1  
**Lamp:** 175 watt MH, Clear, ED17  
**Lumens:** 14,000  
**Tilt:** 22.5 degrees  
**IES Classification:** Type IV, Non Cut-Off  
**Mounting height:** 15 feet  
**LLF:** Initial

## ORDERING GUIDE

Series	Size <sup>1</sup>	Lamp Wattage <sup>2</sup>	Source	Options	Voltage	Colour
FP	M	175	MA	L	- T	W
FloodPak	S = Small M = Medium L = Large	042 = 42W 050 = 50W 057 = 57W 070 = 70W 100 = 100W 150 = 150W 175 = 175W 250 = 250W 400 = 400W	NLX = High Pressure Sodium (Reactor ballast) <sup>3</sup> LX = High Pressure Sodium (HPF ballast) MA = Metal Halide PS = Pulse Start MH <sup>4</sup> HF = Compact Fluorescent <sup>5</sup>	L = Lamp AM = Automatic Auxiliary Quartz socket and relay <sup>6</sup> EM = Emergency Auxiliary Quartz socket only <sup>6</sup> PCB = Photocontrol, button type <sup>7</sup>	1 = 120V 4 = 277V 6 = 347V T = Tri-Tap (120/277/347V) <sup>5</sup> consult factory for availability of 208 / 240 / 480 / 600V	blank = Bronze W = White G = Grey B = Black optional colours available

### Notes:

<sup>1</sup> FPS (042HF, 050-150NLX only); FPM (050-175); FPL (250/400)

<sup>2</sup> NLX (50,70,100,150); LX (50,70,100,150,250,400); MA (50,70,100,150,175,250,400); HF(42,57,70)

<sup>3</sup> only available in 120V

<sup>4</sup> for Pulse Start availability consult factory

<sup>5</sup> LX (50W) and HF (42,57,70) not available in Tri-tap

<sup>6</sup> not available on FPS model, and not suitable for use with Compact Fluorescent (max 150watts)

<sup>7</sup> only available in 120V or 277V

## FIXTURE & LAMP DATA

Lamp Watts	Lamp Type	Ballast Type	Model	Weight lbs / kg
<b>HIGH PRESSURE SODIUM (NLX)</b>				
50W	ED17 clear, medium	Reactor NPF	Small	11 / 5.0
70W	ED17 clear, medium	Reactor NPF	Small	12 / 5.4
100W	ED17 clear, medium	Reactor NPF	Small	12 / 5.4
150W	ED17 clear, medium	Reactor NPF	Small	13 / 6.0
<b>HIGH PRESSURE SODIUM (LX)</b>				
50W	ED17 clear, medium	HX-HPF	Medium	20 / 9.1
70W	ED17 clear, medium	HX-HPF	Medium	20 / 9.1
100W	ED17 clear, medium	HX-HPF	Medium	22 / 10.9
150W	ED17 clear, medium	HX-HPF	Medium	22 / 10.9
250W	E18 clear, mogul	CWA	Large	34 / 15.4
400W	E18 clear, mogul	CWA	Large	36 / 16.3
<b>METAL HALIDE (MA)</b>				
50W	ED17 clear, medium	HX-HPF	Medium	19 / 8.6
70W	ED17 clear, medium	HX-HPF	Medium	19 / 8.6
100W	ED17 clear, medium	HX-HPF	Medium	20 / 9.1
150W	ED17 clear, medium	HX-HPF	Medium	21 / 9.5
175W	ED17 clear, medium	CWA	Medium	21 / 9.5
250W	ED28 clear, mogul	CWA	Large	32 / 14.5
400W	ED28 clear, mogul	CWA	Large	34 / 15.4
<b>COMPACT FLUORESCENT (HF)</b>				
42W	F42TBX (GX24q-4)	Electronic	Small	12 / 5.4
57W	F57QBX (GX24q-5)	Electronic	Medium	19 / 8.6
70W	F70QBX (GX24q-6)	Electronic	Medium	19 / 8.6

## ACCESSORIES

Field installed. Please order separately

Cat. No.	Description
FPSAA	Adjustable Arm 1/2" NPT for FPS & FPM
FPLAA	Adjustable Arm 2" tenon for FPL
FPSPMA	Pole Mount Arm FPS/FPM (converts FPS/FPM FloodPak to pole mount)
FPLPMA	Pole Mount Arm FPL (converts FPL FloodPak to pole mount)
FPSVS	Vandal Shield for FPS
FPMVS	Vandal Shield for FPM
FPLVS	Vandal Shield for FPL
FPSRPA	Round Pole Adapter for FPS & FPM (for use with FPSPMA)
FPLRPA	Round Pole Adapter for FPL (for use with FPLPMA)
P105A	Photocontrol, button type, 120v (not suitable for use with FPSAA)
P105M	Photocontrol, button type, 208/240/277v (not suitable for use with FPSAA)
P150A	Photocontrol, adjustable, 120v
P150B	Photocontrol, adjustable, 277v
P150W	Photocontrol, adjustable, 347v

**KEENE** | Makes Light Work

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