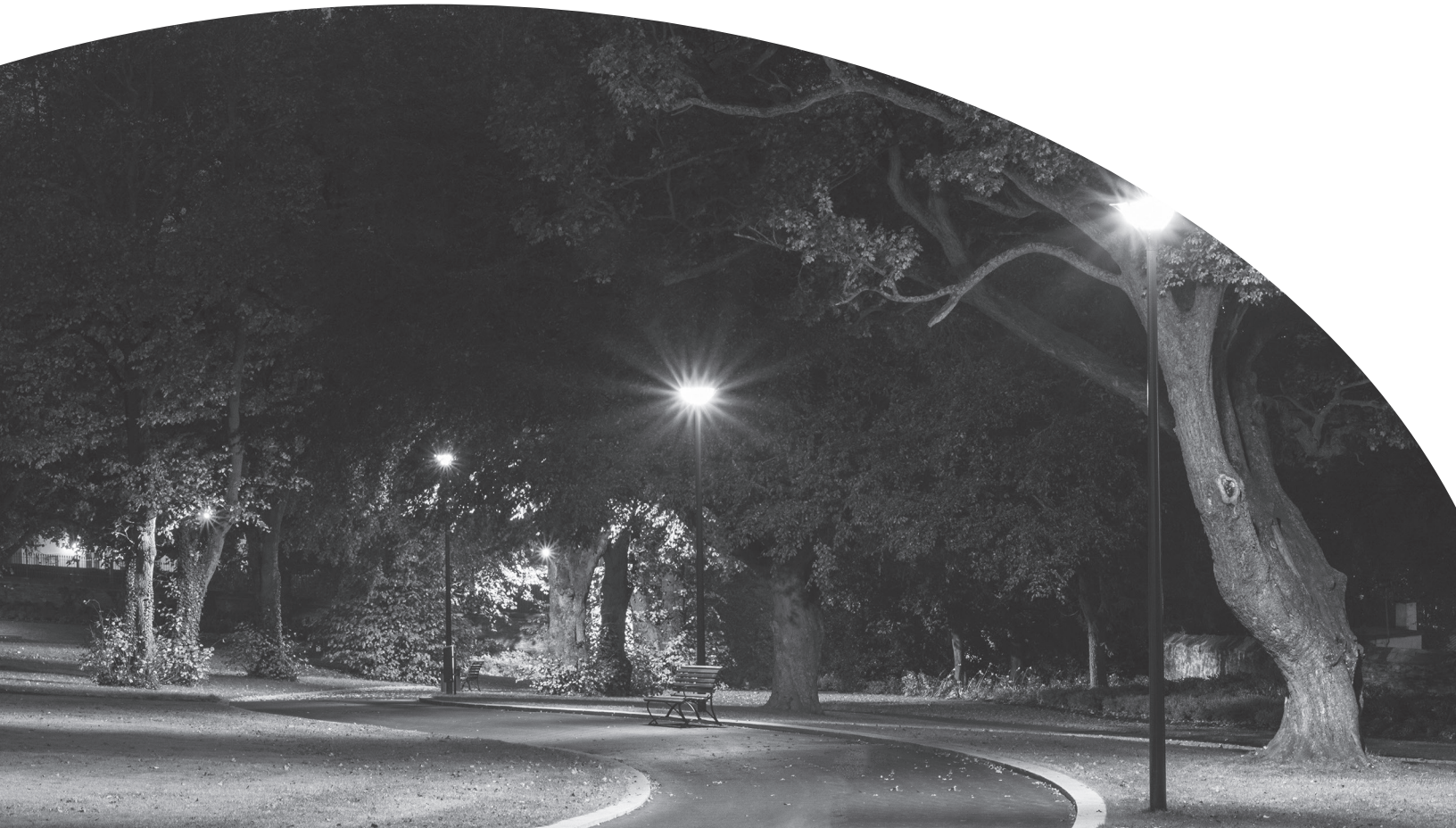
PacLights

Commercial & Industrial Lighting

The FPTA™ Series

Post Top Light



FPTA™ generation 2

PacLights

Post Top Light

PROJECT:

DATE:

TYPE:

PREPARED BY:

5 YEAR WARRANTY

KEY FEATURES
Color Selectable on selected models
Adjustable module angle for beam controls
Optional **Bi-level motion control**
NEMA control receptacle standard on all models
Photocell control options available

c UL us LISTED

DLC LISTED PREMIUM

CCT FIELD ADJUSTABLE

MOTION CONTROL OPTION

CONTROLS COMPATIBLE

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.designlights.org/qpl

OPTICAL

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
>80

Beam Angle
35/55/75w models: 110°; 150w models: 90°. Light module angle adjustable ±90°.

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

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

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, 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
2" to 3" OD pole top tenon

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

Lens
Glass (35w/55w/75w models); Polycarbonate (150w models)

ELECTRICAL

LED Driver
0-10V Dimmable. Input Voltage: 120-277V, 50-60 Hz (optional 480v input)
Power Factor > 0.9; THD <15%

Control Receptacle
NEMA 7-prong twist-lock receptacle. Compatible with ANSI C136.1 3-prong twist-lock photocell, or C136.41 0-10v 5 or 7-prong twist-lock dimming controls.

Input Current

Models	Wattage	120v	208v	240v	277v
FPTA/2-035	35w	0.32A	0.19A	0.16A	0.14A
FPTA/2-055	55w	0.51A	0.29A	0.25A	0.22A
FPTA/2-075	75w	0.69A	0.40A	0.35A	0.30A
FPTA/2-150	150w	1.39A	0.80A	0.69A	0.60A

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ORDERING INFORMATION

FPTA™ generation 2

FAMILY	MODEL	CCT	OTHER
FPTA/2	– MODEL	– CCT	– OTHER

EXAMPLE
FPTA/2-055-3CCT
FPTA/2-075-50-TLP
FPTA/2-035-30-MC-SP-HV

MODEL

* MUST SELECT ONE

CODE	LUMEN PACKAGE	WATTAGE
035	4,500	35w
055	7,000	55w
075	9,500	75w
150	20,000	150w

CCT

* MUST SELECT ONE

CODE	CRI	CCT
50	> 80	5000K
40		4000K
30		3000K
3CCT		3/4/5000K Selectable[Note 1]

Note 1) not available on 150w models

OTHER

* LEAVE BLANK, or SELECT ONE or MORE (connect with "-")

Controls

CODE	PARTS SKU	SENSOR TYPE	CONTROL	INPUT VOLTAGE	COMPATIBLE	INSTALL
TLP	SE-TLP277	Twistlock photocell sensor	Twistlock ON/OFF Photocell Sensor	120-277v	120-277v models	FIELD
	SE-TLP480			220-480v	480v models	
DLH	SE-TLP277DLH		Twistlock Daylight Dimming Photocell Sensor	120-277v	120-277v models	
	SE-TLP480DLH			220-480v	480v models	
DLM	SE-TLP277DLM		Twistlock Daylight and Mid-night Dimming Photocell Sensor	120-277v	120-277v models	
	SE-TLP480DLM			220-480v	480v models	
MC	SE-BC-BRI810BM6	Microwave motion & photocell sensor	Bi-level motion, Daylight on/off (configurable w/ dip-switch or SE-BC-RC-100 remote)	120-277v	120-277v models	FACTORY

Surge Protector

CODE	PARTS SKU	TYPE	COMPATIBLE	INSTALL
SP	SP-277P10K	10kA Surge Protector	120-277 models	FACTORY
	SP-480P10K		480v models	

480v Upgrade

CODE	PARTS SKU	INSTALL
HV	TK-KTAT-150-480-277V-OC	FACTORY

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PERFORMANCE

	Models	Lumen Package	Wattage	CCT	Lumen Output
Delivered Lumens, 80 CRI	FPTA/2-035	4,500	35w	3000K	4,480
				4000K	4,550
				5000K	4,620
	FPTA/2-055	7,000	55w	3000K	7,040
				4000K	7,150
				5000K	7,260
	FPTA/2-075	9,500	75w	3000K	9,525
				4000K	9,675
				5000K	9,825
	FPTA/2-150	20,000	150w	3000K	19,500
				4000K	19,950
				5000K	20,100

DLC CHART

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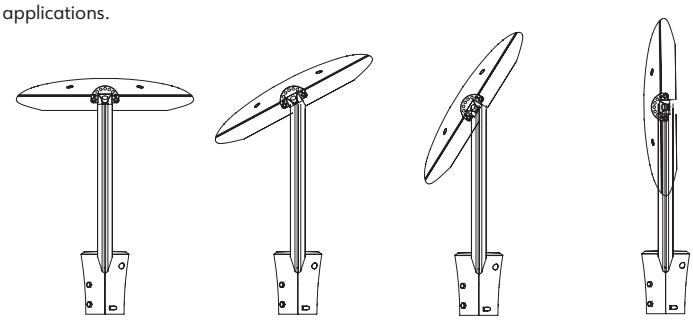
DLC Primary use designation: Outdoor Pole/Arm-Mounted Decorative Luminaires

MODEL#	CLASS	DLC PRODUCT ID
FPTA/2-055-30-CG-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLPEQYUREZ95
FPTA/2-055-40-CG-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLRH0IB5IGW7
FPTA/2-055-50-CG-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLRWMBLPU56N
FPTA/2-075-30-CG-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLDVASXRGKCK
FPTA/2-075-40-CG-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLXC7NLEMAY5
FPTA/2-075-50-CG-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLYLWKW4JG3M
FPTA/2-150-30-T2-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PL4IP6GNTNZY
FPTA/2-150-40-T2-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PLNYRMK8XCI4
FPTA/2-150-50-T2-a[MS;Blank]-[10SP;20SP;Blank]-d-B	Premium	PL90VI9PK4P6

STANDARD FEATURES

Light Module Angle Adjustable

On all models, light module can be adjusted to ±90° for beam control in various applications.



NEMA Twist-lock Controls Compatible

CONTROLS COMPATIBLE

Pre-installed with NEMA 7-prong twist-lock receptacle. Compatible with ANSI C136.1 3-prong twist-lock photocell, or C136.41 0-10v 5 or 7-prong twist-lock dimming controls.

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CONTROLS Option

Bi-level motion control (option: -MC)

MOTION CONTROL OPTION

Microwave occupancy control sensors are designed to detect motion through materials such as plastic, glass, and thin non-metallic substances. They are equipped with a 3-step dimming function that is ideal for areas where gradual changes in lighting are preferred before a complete shutdown. If the daylight sensor feature is activated, it can turn off the light based on predetermined levels of ambient light. The settings for these functions can be adjusted using dip switches or an optional wireless commissioning device.

Photocell controls (options: -TLP/-DLH/-DLM)

PacLights advanced electronic **SE-TLP Series** Photocontrol provides a unique, durable, and multi-volt control especially designed for 15 years of operation. It utilises inter-locking base/cap design for excellent environmental housing. High temperature base material, along with a UV stabilised, opaque housing ensure our control will last years without degradation. PacLights uses a process of IR filtering a phototransistor which in turn gives a human eye response along with long-term, drift free light sensing for the life of the control.

- Multi-volt operation
- Daylight harvesting models
- Mid-Night dimming models
- High-temperature components
- MOV surge protection
- Meets or exceeds ANSI C136.10

for detail refer to **SE-TLP Series** specification

SURGE PROTECTOR Option

Secondary surge protector (option: -SP)

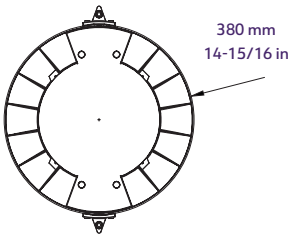
SECONDARY SURGE PROTECTOR

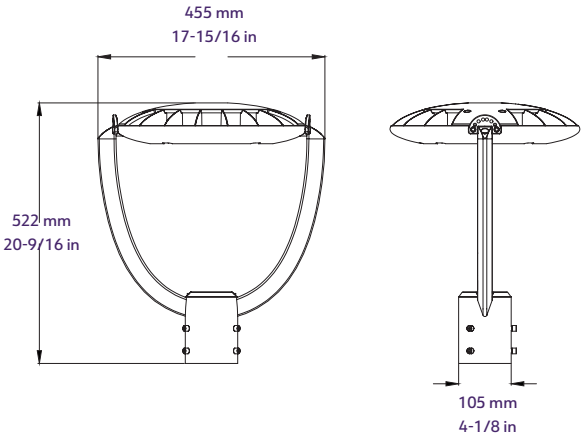
Secondary surge protector can act as the second line of defense, in addtional to the LED driver's intergrated lightning arrester.

DIMENSIONS

FPTA/2 - 035/055/075

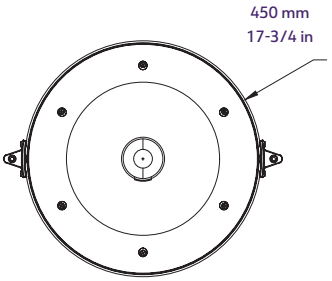
Weight 10.5 lbs

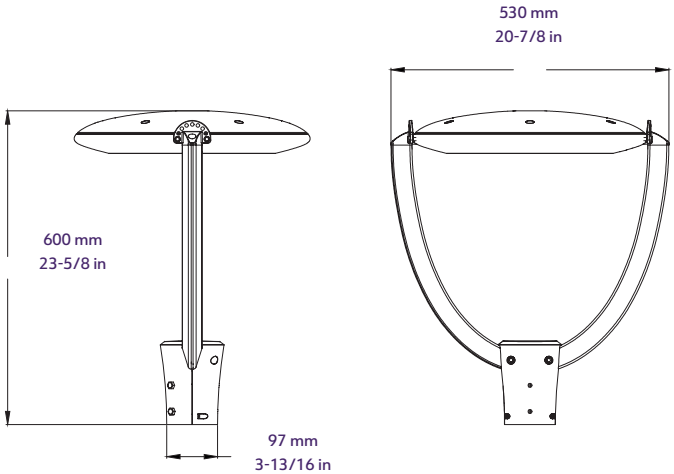




FPTA/2 - 150

Weight 14.5 lbs





FINISHES	
all models	Dark Bronze

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