

# PGAS-2 LED Specifications



Project Name:

Catalog Number:

Type:

The **PGAS-2 LED** luminaire from Visionaire combines contemporary design with new LED technology; while maintaining a traditional fixture image. The LED performance and Life are maximized by the unique integral aluminum heat sink. It is an ideal replacement for the high-maintenance fluorescent or HID fixtures of yesterday.

The LED housing is cast aluminum with internal heat sink for maximum heat dissipation; with 16 or 32 LEDs. The cast aluminum driver compartment allows the driver to operate cooler for long life.

Three optical distribution patterns are available. 590 nm diode supplied as standard

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The **PGAS-2 LED** series is an exceptional choice for all wall mount applications.

## Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
PGAS-2	<b>T2</b> Type 2	<b>16LC</b>	<b>3</b> 350mA	<b>TS</b> 590 nm	<b>UNV</b> 120-277V	<b>WM</b> Wall Mount	<b>BZ</b> Bronze	<b>PC-120</b> Button Type Photocell	<b>EBPL</b> Emergency Battery Pack 120V-277V Only
	<b>T3</b> Type 3	<b>32LC</b>	<b>5</b> 530mA		<b>8</b> 347V		<b>BK</b> Black	<b>PC-208</b> Button Type Photocell	<b>VWC</b> Visionaire Wireless Controls Consult Factory
	<b>T4</b> Type 4				<b>5</b> 480V		<b>SBK</b> Smooth Black	<b>PC-240</b> Button Type Photocell	
							<b>WH</b> White	<b>PC-277</b> Button Type Photocell	<b>BP</b> Back Plate
							<b>SWH</b> Smooth White		
							<b>GP</b> Graphite	<b>WSC-8</b> Motion Sensor 8' Mounting Height	
							<b>GY</b> Grey		
							<b>SL</b> Silver Metallic	<b>WSC-20</b> Motion Sensor 9-20' Mounting Height	
							<b>CC</b> Custom Color	<b>WSC-40</b> Motion Sensor 21-40' Mounting Height	

\*WSC options will require (1) FSIR 100 remote for programming

## Housing

Heavy duty cast aluminum housing with internal heat sink for maximum heat dissipation. Silicone gasket is used for weather tight operation.

## Mounting

A Wall Mount bracket can be secured directly to a 4"-5" recessed junction box.

## Thermal Management

The PGAS series provides excellent thermal management by mounting the LEDs to the substantial heat sink within the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.

## Optical System

- The highest lumen output LEDs are utilized. High-performance acrylic optics feature industry leading Type II, III, and IV optical distributions. Acrylic optics are impact-resistant and rated to 94 percent translucence.
- L70 life of our LEDs is rated over 100,000 hours (for 530 mA), The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.

## Quali-Guard® Finish

The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness.

- All finishes are available in standard and custom colors.
- Finish is guaranteed for five (5) years.

## Electrical Assembly

The PGAS-2 LED series is supplied with a choice of 350 or 530 high-performance LED drivers that accept 120v thru 480v, 50 Hz to 60 Hz, input.

- Power factor of 90%.
- Rated for -40°C operations.
- 10 kV surge protector supplied as standard.

## Warranty

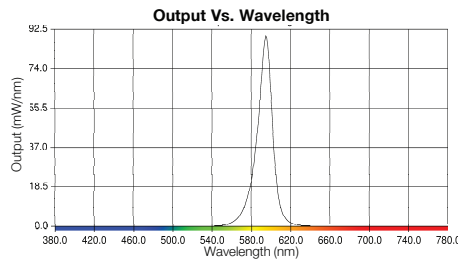
Five (5) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit [visionairelighting.com](http://visionairelighting.com).

## Options

- Button Style Photocell
- Watt Stopper FSP-211
- Back Plate
- Emergency Battery Pack
- Wireless Control

## Listings

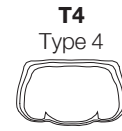
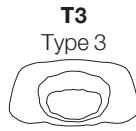
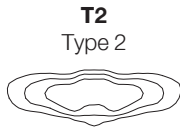
- PGAS-2 is cUL listed, suitable for wet locations.
- IP66 Rated
- Powder Coated Tough™
- Pangealink



PGAS-2 - Electrical Load (A)									
Ordering Nomenclature	System Watts	120V	208V	240V	277V	347V	480V		
PGAS-2-T3-16LC-350MA	18	0.14	0.08	0.07	0.06	0.05	0.04		
PGAS-2-T3-16LC-530MA	26	0.22	0.12	0.11	0.09	0.07	0.05		
PGAS-2-T3-32LC-350MA	34	0.28	0.16	0.14	0.12	0.10	0.07		
PGAS-2-T3-32LC-530MA	53	0.43	0.25	0.22	0.19	0.15	0.11		
Motion Sensor Default Setting									
FSP - 211	High Mode	Low Mode	Time Delay	Cut Off Delay	Sensitivity	Hold Off Setpoint	Photocell On/Off	Ramp Up Time	Fade Down Time
WSC - Default	10V	1V	5 Minutes	1 Hour	Max	Disabled	Disabled	Disabled	Disabled
WSC Range	0-10V	0-9.8V	5-30 Minutes	1-5 Hours	Low, Med, Max	1-250FC	1-250FC	1-60 Dec	1-60 Dec

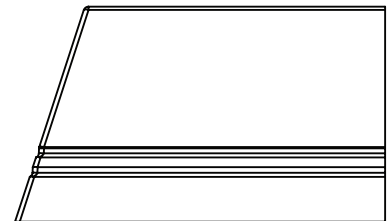
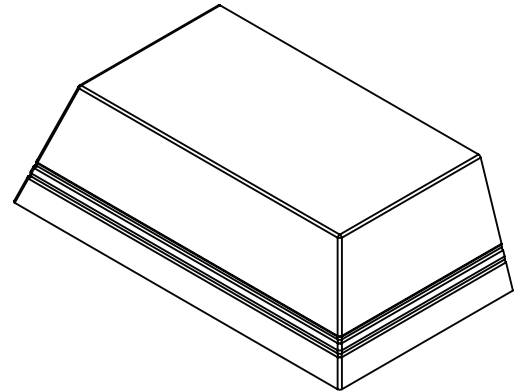
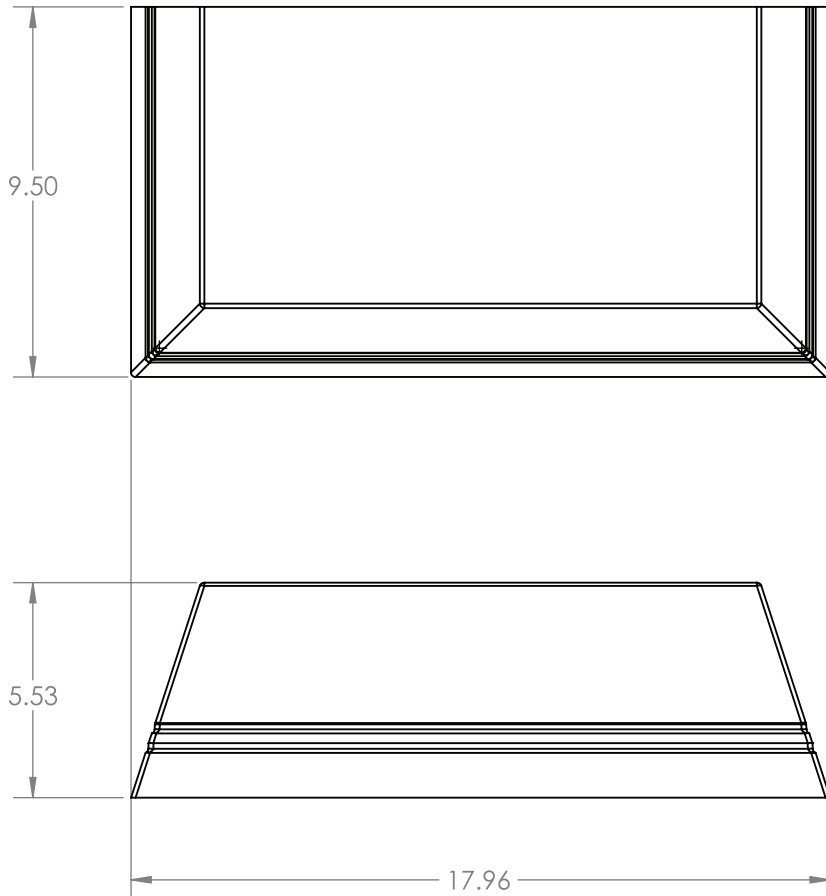
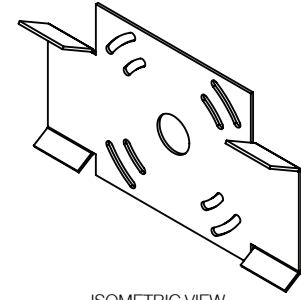
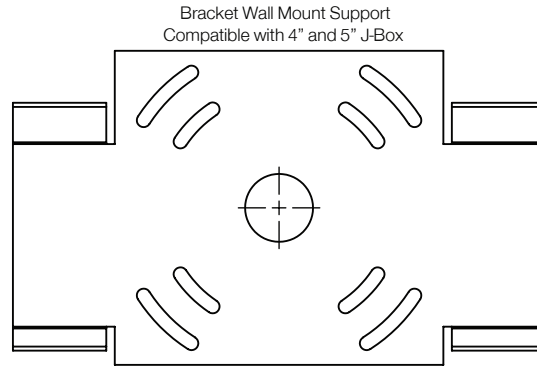
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## Photometric Optical Summary



## Dimensions

<b>Width:</b>	PGAS-2 17.96"
<b>Height:</b>	PGAS-2 5.53"
<b>Depth:</b>	PGAS-2 9.50"
<b>Weight:</b>	20 LBS



PGAS-2-TS LUMEN DATA											
# LEDs	mA	T2			T3			T4			Power (W)
16	350	991			995			969			17
	530	1068			1073			1044			26
32	350	2006			1966			1976			34
	530	2210			2166			2176			52
PGAS-2-TS LUMEN PER WATT DATA											
# LEDs	mA	T2			T3			T4			Power (W)
16	350	58			59			57			17
	530	41			41			40			26
32	350	59			58			58			34
	530	43			42			42			52
PGAS-2-TS BUG DATA											
# LEDs	mA	T2			T3			T4			Power (W)
		B	U	G	B	U	G	B	U	G	
16	350	0	0	1	0	0	1	0	0	1	17
	530	0	0	1	0	0	1	0	0	1	26
32	350	1	0	1	1	0	1	1	0	1	34
	530	1	0	1	1	0	1	1	0	1	52