

PHILIPS
Stonco

Floodlights

GP Flood

Architectural Floodlight Family





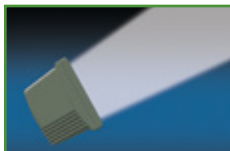
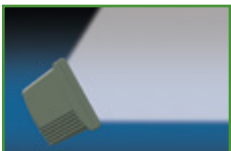
A Family of Fixtures for Complete Site Uniformity

Philips Stonco has expanded the ordinary flood luminaire into one of style, flexibility and performance. The new GP Flood Series is available in five distinct sizes, each proportionately correct giving you the ability to light virtually any condition with the correct size and source. The uniform appearance lends continuity to the project. Three reflector choices and versatile mounting options permit fixture installation at ground level, on poles and to walls, including above horizontal aiming.



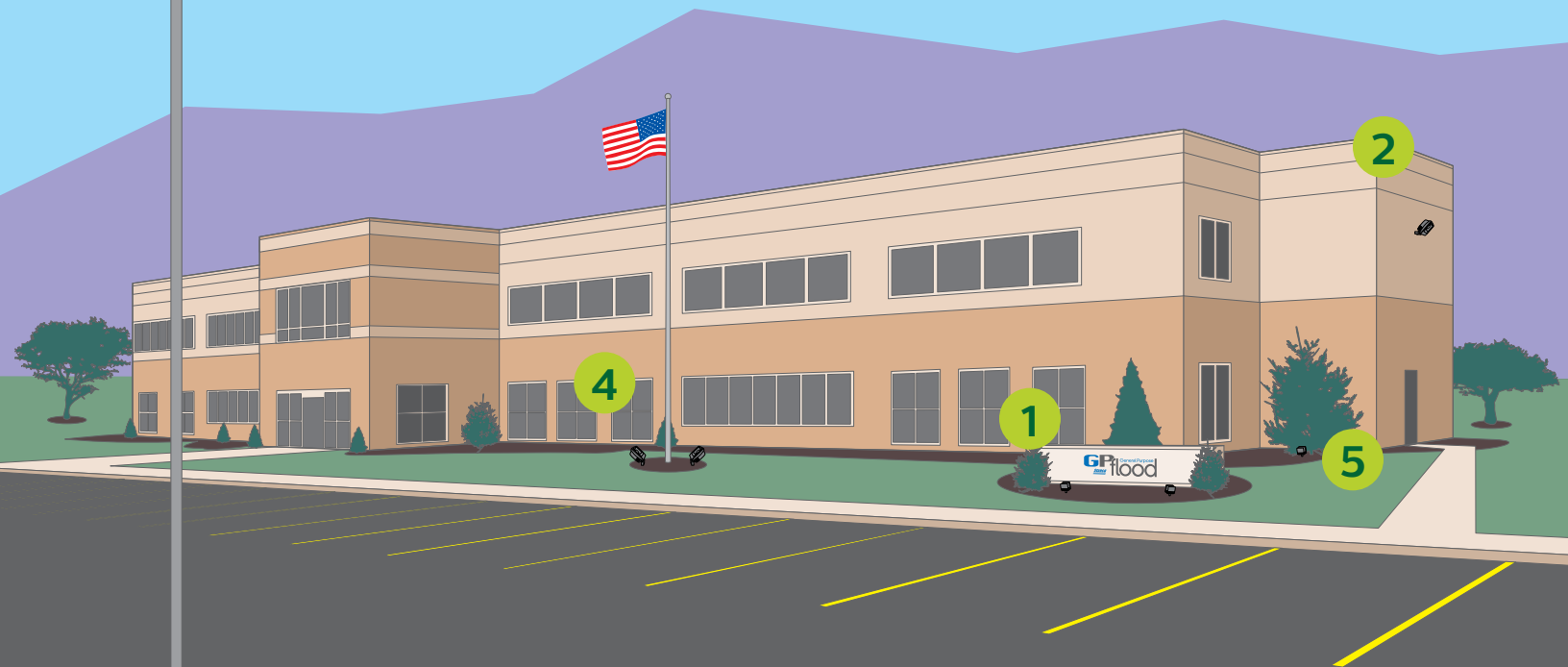
Choice of Performance-Rated Optical Systems

The optical system of the GP Flood Series can be tailored to the installation requirements. Depending on the application, choose from a general purpose, spot or cutoff reflector system for precise lighting control. When combined with the five fixture sizes and choice of light sources, there is a luminaire configuration for any application.



Five Times Better Than Traditional Flood Lights

The GP Flood Series with its five scaled luminaire sizes adapts better to the five most common flood lighting applications without sacrificing lighting ability and site appearance. Illumination is tailored to the specific project and not to the limitations of the luminaire, resulting in a better installation.



Offering a Variety of Optical Distributions



General Purpose



Cutoff



Spot

1

Signage (Asymmetric Optics)

Asymmetric optics are ideal for sign lighting, and the variety of luminaire sizes and accurate aiming assures maximum sign visibility.

2

General /Security (General-Purpose Optics)

The GP Flood wall mounts for general area or security lighting, and can be equipped with cutoff optics preventing light trespass.

3

Area (Cutoff Optics)

Pole mounting the GP Flood illuminates large areas for safety and security with a capacity of up to 1,500 watts.

4

Flagpole (Spot Optics)

When equipped with the spot optical reflector, the GP Flood provides narrow, long-throw illumination for focused light concentration.

5

Facade (General-Purpose Optics)

The wide selection of sizes and wattages can illuminate even the largest structure with a flood of bright, even illumination

Luminaire Features

The GP Flood luminaire is ruggedly built using durable components for long life and dependable operation. The sleek design includes fins for heat dissipation and easy access when periodic maintenance is required.



State-of-the-Art Design, Engineering and Performance



IP65 Rating Expands Installation Flexibility

An IP rating specifies the protection of enclosures for electronic equipment from dust, solid objects and fluids. GP Flood is rated at IP65 meaning that it is totally protected against dust and against low pressure water jets from all direction. IP65 is more effective than standard wet location listing, expanding the locations the fixture can be used.

High Performance from a Small Package!

GP1 includes as standard electronic ballasting that optimizes lamp color stability over life and reduces lamp-to-lamp color variations. Energy savings range up to 17% over magnetic ballasts, and reliability and safety is increased with lamp turn-off function. Other benefits include quiet operation, increased lamp life and voltage sensing.



Contractor-Friendly Features

The GP Flood luminaire includes many time and labor-saving features for fast and effective installation. Contractor-Friendly Features are a tradition with Philips Stonco and are built into every luminaire we manufacture.



Custom Stainless Steel Captive Screws

Custom captive screw design contains no O-ring and will not slip out during maintenance. Corrosion resistant stainless steel screws will not seize, making removal easy.



Hands-Free Wiring

Mounting trunion can be installed on wall without fixture attached. Fixture with mating mounting bracket slides into large keyhole slots allowing for hands-free wiring during installation.



Simplified Maintenance

Lens frame is internally hinged and hangs freely for hands free maintenance. The lens frame installs quickly for leak resistant operation.

Accessories

GP Flood options and accessories have been specifically designed to precisely match application requirements or for performance enhancements. The series can be equipped with visors for sharp cutoff, external louvers to control glare, guards and shields to protect the luminaire from damage due to vandalism.



Visor

Eliminates glare for reduced side and top visibility



Wire Guard

Protects lens and reflector from damage



Vandal Shield

Protects lens and reflector from vandalism

(GP5 not available)

Optional Mounting Systems

Multiple mounting options are available for a variety of installations. All mounting hardware has been designed for ease of installation and provides maximum flexibility for various floodlighting situations. For ease of aiming, the flood light luminaire mounting hardware includes a built-in degree scale.



Arm Mount

1/2" arm with adjustable aiming. Includes a handy degree indicator for exact light placement.



Trunnion Mount

Yoke with adjustable aiming. Includes a handy degree indicator for exact light placement.



Wall Mount

Mounts easily to wall boxes. Sturdy construction. Includes adjustable aiming. Order SLW10P to convert 1/2" arm to wall mounting.



Tenon Mount

Designed for use with large fixtures. Mounts to most types of posts and poles, round or square.

Fixture

example: AVR13400HPS120BRPF

Series	Size	Mounting	Wattage	Source	Options	Voltage
<input type="checkbox"/> GP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GP	1 Mini	A Arm (IP65 & UL)	020 20W 039 39W 070 70W	TE Electronic Metal Halide	See below for distribution options	1 120v 6 120v, 277v
GP 1 PMA (50w-100w) 2 NLX available in 120v only	2 Small	A Arm (IP65 & UL)	050 50W 070 70W 100 100W 150 150W 175 175W ^{1,2}	PMA ¹ HX-HPF PS Metal Halide NLX ² NPF High Pressure Sodium LX HX-HPF or CWA High Pressure Sodium	See below for distribution options	1 120v 6 120v, 277v 8 120v-277v
GP 1 PMA (250w, 320w) 2 LX (250w)	3 Medium	T Trunnion (IP65 & UL) S Slipfitter (UL)	250 250W 320 320W	PMA ¹ HX-HPF PS Metal Halide LX ² HX-HPF or CWA High Pressure Sodium	See below for distribution options	5 480v 8 120v-277v
GP 1 PMA (200w, 250w, 320w, 350w, 400w) 2 LX (150w, 250w, 400w)	4 Large	T Trunnion (IP65 & UL) S Slipfitter (UL)	150 150W 200 200W 250 250W 320 320W 350 350W 400 400W	PMA ¹ HX-HPF PS Metal Halide LX ² HX-HPF or CWA High Pressure Sodium	See below for distribution options	5 480v 8 120v-277v
GP 1 PMA (875w) 2 LX (1000w)	5 Extra Large	T Trunnion (IP65 & UL) S Slipfitter (UL)	875 875W 1000 1000W	PMA ¹ HX-HPF PS Metal Halide LX ² HX-HPF or CWA High Pressure Sodium	See below for distribution options	5 480v 8 120v-277v

Accessories

GP_GS Visor*
GP_WG Wire Guard*
GP_VS Vandal Shield (not available on GP5)*
SLW10P Wall mount adapter to convert GP1 and GP2 style fixtures. Complete with built-in splice box and knock-out for button photo control

* Replace "underscore" with fixture size (ex: GP1GS)

** Not available with GP1 and GP2

Options

BLANK General Purpose Optics
A Asymmetric Optics (GP1 only)
C Cutoff Optics (not available on GP1)
L Lamped
S Spot (not available for GP3)
PCB Button Photo Control**
TLR Twist Lock Receptacle with Shorting Cap**
TRP Twist Lock Receptacle with Photo Control**
FS Fusing**



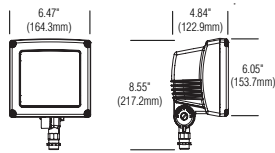
Listed for Wet Locations
IP65 Rated for Wet Locations

Dimensional Data

GP1

Mini version for applications such as landscaping and small signs

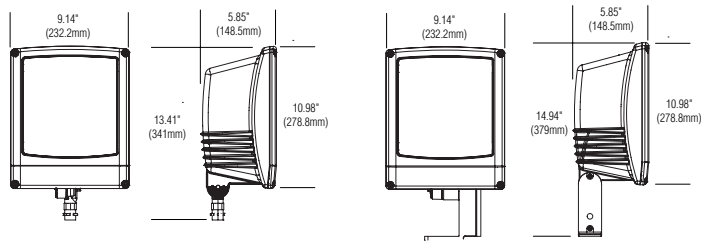
EPA: 0.22 sq. ft.



GP2

Available with 1/2" arm or an adjustable tenon for medium-duty lighting such as wall washing

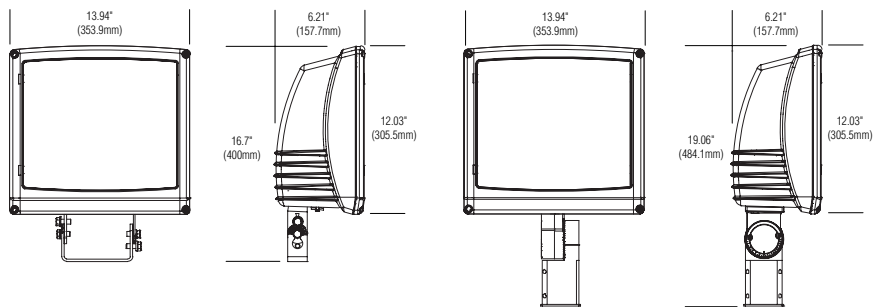
EPA: 0.55 sq. ft.



GP3

Available with a trunnion mount system or an adjustable tenon for a wide array of applications

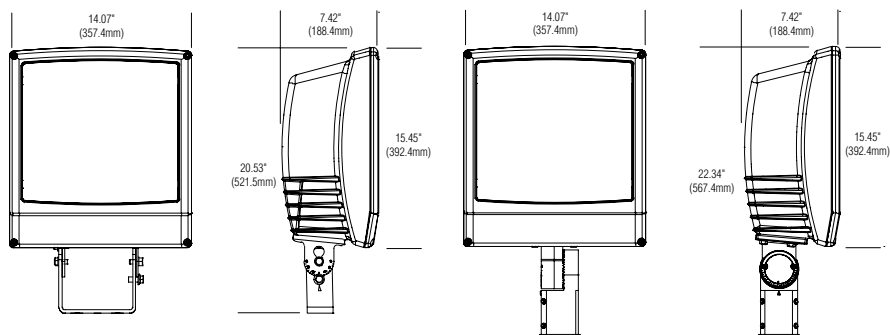
EPA: 1.00 sq. ft.



GP4

Up to 400 watts for lighting larger signs, security lighting and parking areas

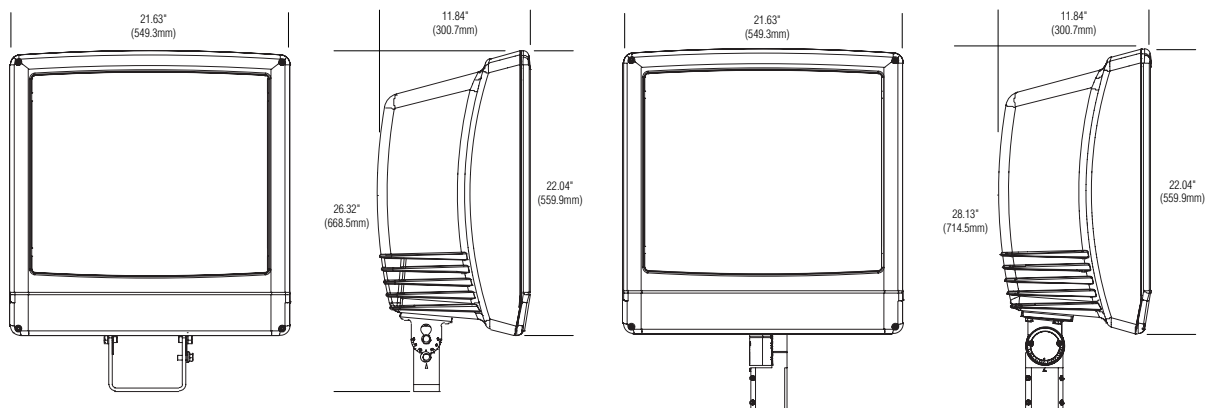
EPA: 1.20 sq. ft.



GP5

Available with lamping to 1500 watts, this fixture is ideal for pole mounting and areas where maximum visibility are paramount

EPA: 2.63 sq. ft.





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