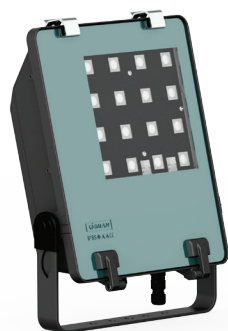


# UGA-51101

## Gandalf 12 RGBW Floodlight

**LIGMAN**  
LIGHTING USA



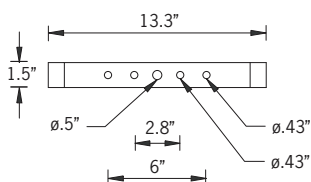
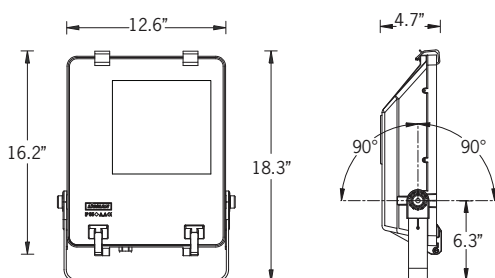
### RGBW

50w LED 2148 Lumens

IP65 • Suitable For Wet Locations

IK08 • Impact Resistant (Vandal Resistant)

Weight 15.4 lbs



Mounting Detail

### Construction

#### Aluminum

Less than 0.1% copper content – Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

#### Pre paint

8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

#### Memory Retentive -Silicon Gasket

Provided with special injection molded “fit for purpose” long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

#### Thermal management

LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

#### Surge Suppression

Standard 10kv surge suppressor provided with all fixtures.

#### BUG Rating

B4 - U5 - G5

#### Finishing

All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

#### Paint

UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

#### Hardware

Provided Hardware is Marine grade 316 Stainless steel.

#### Anti Seize Screw Holes

Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

#### Crystal Clear Low Iron Glass Lens

Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

#### Optics & LED

Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

#### Lumen - Maintenance Life

L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

### Adjustable floodlighting projectors.

**Powerful, flexible and cost-effective family with vast array of technical optic choices.**

Gandalf 12, 26 is a multipurpose floodlight for the lighting of both outdoor and indoor installations wherever a compact design, and a high degree of protection is required. Excellent optical system providing optimum lighting performance. The luminaire rated as CLASS I with integral driver.

Gandalf 26 is white light 2700K, 3000K, 3500K and 4000K, LED CRI >80 and Gandalf 12 is perfect for solid-statelighting RGBW color changing. The LED life time >50,000 Hours. Low copper content corrosion resistant die-cast aluminum body. Integral control gear with single cable gland PG16 for wiring. All external hardware in stainless steel.

Durable silicone rubber gasket and clear toughened glass with quick release hinge aluminum clips for in-position lamp replacement. The luminaire is treated with a chemical chromitized protection before powder coating, ensuring high corrosion resistance. Hot-dipped galvanized steel mounting bracket allows for ceiling, wall or surface mounting. A complete range of optional accessories are available for additional light control.

As an option this fixture is also available with a small adjustable arm in place of the steel mounting bracket.

### Additional Options (Consult Factory For Pricing)



A50160/A50176  
Spigot for Single Lantern



A50260/A50276  
Spigot for Double Lantern



SAM  
Small Adjustable Arm



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UGA - 51101 - 50w LED - N - RGBW30 - 02 - 120/277v

UGA-51101					
	LAMP	BEAM	RGBW COLOR	FINISH COLOR	VOLTAGE
	50w LED 2148 Lumens	N - Narrow 20° M - Medium 35° E - Elliptical 25°x48°	RGBW30 - Warm White 3200K RGBW40 - Neutral White 4000K RGBW65 - Cool White 6850K	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL	120/277v Other - Specify

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ADDITIONAL OPTIONS

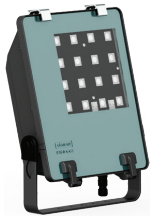
- |                            |   |
|----------------------------|---|
| F - Frosted Lens           | A50160 - 2.36" Tenon for Single Lantern |
| DIM - 0-10v Dimming        | A50176 - 2.99" Tenon for Single Lantern |
| NAT - Natatorium Rated     | A50260 - 2.36" Tenon for Double Lantern |
| SAM - Small Adjustable Arm | A50276 - 2.99" Tenon for Double Lantern |

# Gandalf Product Family



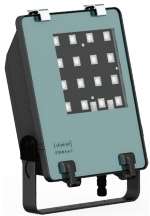
Gandalf 22

- UGA-31911-37w-4917lm
- UGA-31912-54w-6666lm
- UGA-31913-54w-6736lm
- UGA-31914-74w-8845lm



Gandalf 12

- UGA-51101-50w RGBW-2148lm



Gandalf 26

- UGA-51088-37w-4917lm
- UGA-51089-54w-6666lm
- UGA-51111-54w-6736lm
- UGA-51112-74w-8845lm
- UGA-51113-92w-10372lm



Gandalf 24

- UGA-90241-37w-4917lm
- UGA-90242-54w-6666lm
- UGA-90243-54w-6736lm
- UGA-90244-74w-8845lm
- UGA-90245-92w-10372lm



Gandalf 25

- UGA-90251-2x37w-2x4917lm
- UGA-90252-2x54w-2x6666lm
- UGA-90253-2x54w-2x6736lm
- UGA-90254-2x74w-2x8845lm
- UGA-90255-2x92w-2x10372lm