

PRODUCT SPECIFICATION SHEET

IP-02 Weatherproof Enclosure



The UFO IP-02 Weatherproof Enclosure is designed to house a range of UFO manufactured, low wattage RGBW and white light LED light sources.

The enclosure support light sources with either local and remote controlled functionality.

Fitted with vents to allow air circulation, the enclosure also has full IP55 protection when mounted correctly as per UFO guidance.

The IP-02 is fitted with glands for connecting the fibre optic harness, any required DMX cables and the power input.

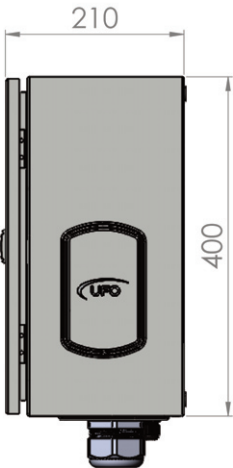
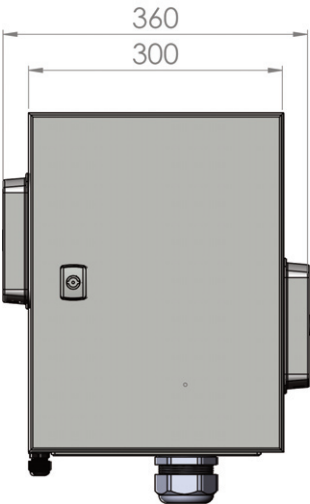
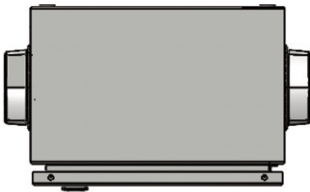
The enclosure is available as either a DC powered unit (with an externally mounted PSU) or alternatively it can be powered straight from a 240V AC socket with the PSU mounted inside the enclosure.

Where the enclosure is sited in proximity to a swimming pool or other body of water, the DC powered option should always be specified for electrical safety reasons.

TECHNICAL INFORMATION

Port Connector Size	30mm
Fibre Type	Glass or PMMA
Material	Sheet Steel
Overall Dimensions	400mm x 300mm x 210mm 15.7" x 11.8" x 8.3"
Protection Category*	IP55
Min Ambient Temp.	-10°C / 14°F
Max Ambient Temp.	45°C / 113°F
Power Input (50W max.)	Either 240VAC, 50Hz / 12V or 24V DC
Compatible Light Sources	MicroLED 5000T Nova Nova Mini Gemini Vega White Light & Decorative Models
Control Options (Varies depending on model)	Manual Control DMX - controlled by external controller DMX - Master/Slave RF Remote Control 0-10V Remote Control

* Note that the IP protection category only applies when the enclosure is mounted as specified by UFO - see page 4 for details. Mounting the enclosure in any other way invalidates the IP rating and the product warranty. UFO will accept no responsibility for any loss or damage that occurs due to incorrect mounting.



PRODUCT CODES - MICROLED 5000T

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP02-MIC5000T-AC	MicroLED 5000T	240VAC 50Hz	5W	DMX, Manual	Glass or PMMA
UFO IP02-MIC5000T-DC	MicroLED 5000T	12V DC	5W	DMX, Manual	Glass or PMMA

PRODUCT CODES - NOVA

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP02-NOVA-CT-AC	Nova	240VAC 50Hz	46W	Manual, DMX	Glass or PMMA
UFO IP02-NOVA-CT-DC	Nova	24V DC	46W	Manual, DMX	Glass or PMMA
UFO IP02-NOVA-CT-T-AC	Nova Twinkle	240VAC 50Hz	46W	Manual, DMX	Glass or PMMA
UFO IP02-NOVA-CT-T-DC	Nova Twinkle	24V DC	46W	Manual, DMX	Glass or PMMA
UFO IP02-NOVA-CT-R-AC	Nova Remote	240VAC 50Hz	46W	Manual, DMX, RF Remote	Glass or PMMA
UFO IP02-NOVA-CT-R-DC	Nova Remote	24V DC	46W	Manual, DMX, RF Remote	Glass or PMMA
UFO IP02-NOVA-CT-T-R-AC	Nova Twinkle Remote	240VAC 50Hz	46W	Manual, DMX, RF Remote	Glass or PMMA
UFO IP02-NOVA-CT-T-R-DC	Nova Twinkle Remote	24V DC	46W	Manual, DMX, RF Remote	Glass or PMMA

CT in product code is used to designate white colour temperature - 30 (3000K), 40 (4000K) or 65 (6500K).

PRODUCT CODES - NOVA MINI

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP02-NOVA MINI-CT-DMX-AC	Nova Mini	240VAC 50Hz	46W	Manual, DMX	Glass or PMMA
UFO IP02-NOVA MINI-CT-DMX-DC	Nova Mini	24V DC	46W	Manual, DMX	Glass or PMMA
UFO IP02-NOVA MINI-CT-DMX-R-AC	Nova Mini Remote	240VAC 50Hz	46W	Manual, DMX, Remote	Glass or PMMA
UFO IP02-NOVA MINI-CT-DMX-R-DC	Nova Mini Remote	24V DC	46W	Manual, DMX, Remote	Glass or PMMA

CT in product code is used to designate white colour temperature - 30 (3000K), 40 (4000K) or 65 (6500K).

PRODUCT CODES - GEMINI SLIMLINE

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP02-GEM SLP-CT-M-AC	Gemini Slimline	240VAC 50Hz	20W	Manual	Glass or PMMA
UFO IP02-GEM SLP-CT-M-DC	Gemini Slimline	12V DC	20W	Manual	Glass or PMMA
UFO IP02-GEM SLP-CT-DMX-AC	Gemini Slimline DMX	240VAC 50Hz	20W	DMX	Glass or PMMA
UFO IP02-GEM SLP-CT-DMX-DC	Gemini Slimline DMX	12V DC	20W	DMX	Glass or PMMA
UFO IP02-GEM SLP-CT-0-10-DC	Gemini Slimline 0-10	240VAC 50Hz	20W	0-10V	Glass or PMMA
UFO IP02-GEM SLP-CT-0-10-DC	Gemini Slimline 0-10	12V DC	20W	0-10V	Glass or PMMA

CT in product code is used to designate white colour temperature - 27 (2700K), 30 (3000K) or 40 (4000K).

PRODUCT CODES - VEGA SLIMLINE

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP02-VEGA SLP-CT-M-AC	Vega Slimline	240VAC 50Hz	18W	Manual	Glass or PMMA
UFO IP02-VEGA SLP-CT-M-DC	Vega Slimline	24V DC	18W	Manual	Glass or PMMA
UFO IP02-VEGA SLP-CT-DMX-AC	Vega Slimline DMX	240VAC 50Hz	18W	DMX	Glass or PMMA
UFO IP02-VEGA SLP-CT-DMX-DC	Vega Slimline DMX	24V DC	18W	DMX	Glass or PMMA
UFO IP02-VEGA SLP-CT-0-10-DC	Vega Slimline 0-10	240VAC 50Hz	18W	0-10V	Glass or PMMA
UFO IP02-VEGASLP-CT-0-10-DC	Vega Slimline 0-10	24V DC	18W	0-10V	Glass or PMMA

CT in product code is used to designate white colour temperature - 27 (2700K), 30 (3000K) or 40 (4000K).

PRODUCT CODES - VEGA DECORATIVE

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP02-VEGA-CT-M-C-M-AC	Vega Decorative Colour	240VAC 50Hz	18W	Manual Dim & Speed	Glass or PMMA
UFO IP02-VEGA-CT-M-C-M-DC	Vega Decorative Colour	24V DC	18W	Manual Dim & Speed	Glass or PMMA
UFO IP02-VEGA-CT-M-T-M-AC	Vega Decorative Twinkle	240VAC 50Hz	18W	Manual Dim & Speed	Glass or PMMA
UFO IP02-VEGA-CT-M-T-M-DC	Vega Decorative Twinkle	24V DC	18W	Manual Dim & Speed	Glass or PMMA
UFO IP02-VEGA-CT-X-C-M-AC	Vega Decorative Colour	240VAC 50Hz	18W	Manual Dim	Glass or PMMA
UFO IP02-VEGA-CT-X-C-M-DC	Vega Decorative Colour	24V DC	18W	Manual Dim	Glass or PMMA
UFO IP02-VEGA-CT-X-T-M-AC	Vega Decorative Twinkle	240VAC 50Hz	18W	Manual Dim	Glass or PMMA
UFO IP02-VEGA-CT-X-T-M-DC	Vega Decorative Twinkle	24V DC	18W	Manual Dim	Glass or PMMA
UFO IP02-VEGA-CT-X-C-DMX-AC	Vega Decorative Colour	240VAC 50Hz	18W	DMX	Glass or PMMA
UFO IP02-VEGA-CT-X-C-DMX-DC	Vega Decorative Colour	24V DC	18W	DMX	Glass or PMMA
UFO IP02-VEGA-CT-X-T-DMX-AC	Vega Decorative Twinkle	240VAC 50Hz	18W	DMX	Glass or PMMA
UFO IP02-VEGA-CT-X-T-DMX-DC	Vega Decorative Twinkle	24V DC	18W	DMX	Glass or PMMA
UFO IP02-VEGA-CT-X-C-0-10-AC	Vega Decorative Colour	240VAC 50Hz	18W	0-10V	Glass or PMMA
UFO IP02-VEGA-CT-X-C-0-10-DC	Vega Decorative Colour	24V DC	18W	0-10V	Glass or PMMA
UFO IP02-VEGA-CT-X-T-0-10-AC	Vega Decorative Twinkle	240VAC 50Hz	18W	0-10V	Glass or PMMA
UFO IP02-VEGA-CT-X-T-0-10-DC	Vega Decorative Twinkle	24V DC	18W	0-10V	Glass or PMMA

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Enclosure

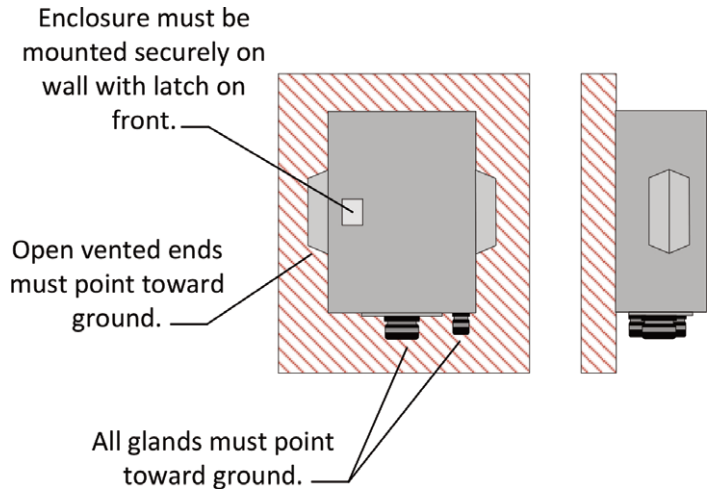
We only support wall mounting these weatherproof enclosures in the orientation detailed opposite. It is important that there is a minimum of 300mm (12") of space around all sides of the enclosure to allow for air circulation and to prevent overheating.

Mounting the enclosure in any other way will potentially make it susceptible to water ingress and will invalidate the UFO warranty.

Remote PSU (DC powered versions only)

DC powered variants of the enclosure are supplied with a 10 metre (32ft) long cable for use between the PSU and the enclosure entry.

This is the maximum recommended cable size and is provided so that the PSU can be located a good distance from the enclosure when it is sited near a pool or other large body of water.



Integral PSU (AC powered versions only)

AC powered variants of the enclosure require an AC electrical outlet to be within 2 metres of the enclosure. The PSU is located within the enclosure body.

These variants are suitable for use where dust ingress is a potential issue or where the enclosure may be subject to rainfall or spray from above.

