

PRODUCT SPECIFICATION SHEET

IP-04 Weatherproof Enclosure



Rev. C8



The UFO IP-04 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-04 is fitted with glands for connecting the fibre optic harness, any required DMX cables and the power input.

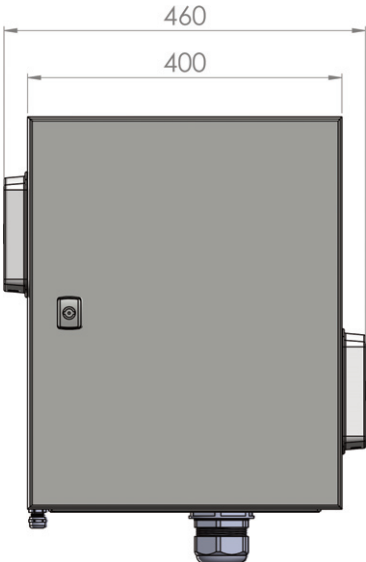
The enclosure is available as either a DC powered unit (with an externally mounted PSU) or alternatively it can be powered straight from a 240V AC socket with the PSU mounted inside the enclosure. Note that the Sirius S can only be powered by the AC version.

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	500mm x 400mm x 260mm 19.7" x 15.7" x 10.2"
Protection Category*	IP55
Min Ambient Temp.	-10°C / 14°F
Max Ambient Temp.	45°C / 113°F
Power Input (150W max.)	Either 240VAC, 50Hz / 48V DC (Comet)
Compatible Light Sources	Sirius S Comet Pulsar
Control Options (Varies depending on model)	Manual Control DMX - controlled by external controller DMX - Master/Slave 0-10V Remote Control 1-10V Remote Control DALI

* 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 - COMET

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP04-COM-50-DMX-AC	Comet	240VAC 50Hz	60W	Manual, DMX, 0-10V, 1-10V	Glass or PMMA
UFO IP04-COM-50-DMX-DC	Comet	48V DC	60W	Manual, DMX, 0-10V, 1-10V	Glass or PMMA
UFO IP04-COM-50-DMX-D-AC	Comet	240VAC 50Hz	60W	As above + Dali with interface	Glass or PMMA
UFO IP04-COM-50-DMX-D-DC	Comet	48V DC	60W	As above + Dali with interface	Glass or PMMA

PRODUCT CODES - SIRIUS S WHITE LIGHT

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP04-SIRS-CTCR-Z-AC	Sirius S White Light	240VAC 50Hz	75W	Manual, DMX, 0-10V, 1-10V	Glass or PMMA

CT in product code is used to designate white colour temperature - 22 (2200K), 27 (2700K), 30 (3000K) or 40 (4000K)

CR in product code is used to designate the array's CRI (80 or 90)

Z in product code is used to designate functionality - X (standard white light) or E (emergency white light functionality)

PRODUCT CODES - SIRIUS S DECORATIVE

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP04-SIRS-CTCR-Z-AC	Sirius S Decorative	240VAC 50Hz	75W	Manual, DMX, 0-10V, 1-10V	Glass or PMMA

CT in product code is used to designate white colour temperature - 22 (2200K), 27 (2700K), 30 (3000K) or 40 (4000K)

CR in product code is used to designate the array's CRI (80 or 90)

Z in product code is user to designate functionality - C (in-built colour wheel), T (in-built twinkle wheel) or CF (colour wheel with separate feed control)

PRODUCT CODES - PULSAR

Ordering Code	Light Source Model	Power Variant	Max Wattage	Control Modes	Harness Type
UFO IP04-PUL2-DMX-AC	Pulsar	240VAC 50Hz	93W	Manual, DMX, 0-10V, 1-10V	Glass or PMMA
UFO IP04-PUL2-DMX-DC	Pulsar	48V DC	93W	Manual, DMX, 0-10V, 1-10V	Glass or PMMA
UFO IP04-PUL2-DMX-R-AC	Pulsar Remote	240VAC 50Hz	93W	Manual, DMX, 0-10V, 1-10V, RF Remote	Glass or PMMA
UFO IP04-PUL2-DMX-R-DC	Pulsar Remote	48V DC	93W	Manual, DMX, 0-10V, 1-10V, RF Remote	Glass or PMMA
UFO IP04-PUL2-DMX-T-AC	Pulsar Twinkle	240VAC 50Hz	93W	Manual, DMX, 0-10V	Glass or PMMA
UFO IP04-PUL2-DMX-T-DC	Pulsar Twinkle	48V DC	93W	Manual, DMX, 0-10V	Glass or PMMA
UFO IP04-PUL2-DMX-T-R-AC	Pulsar Twinkle	240VAC 50Hz	93W	Manual, DMX, 0-10V, 1-10V, RF Remote	Glass or PMMA
UFO IP04-PUL2-DMX-T-R-DC	Pulsar Twinkle	48V DC	93W	Manual, DMX, 0-10V, 1-10V, RF Remote	Glass or PMMA

Enclosure

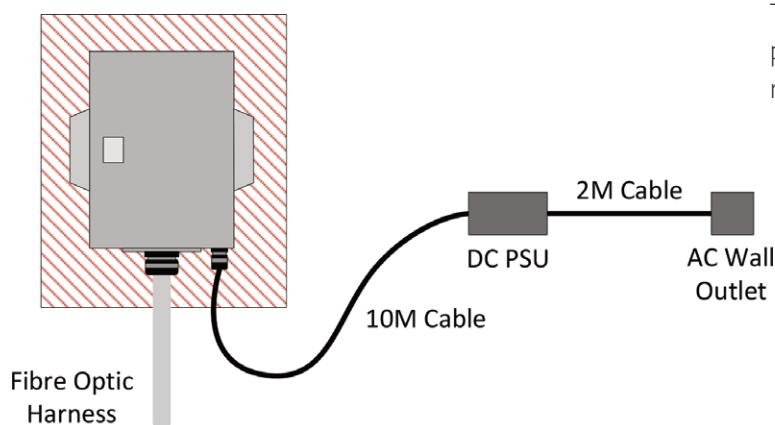
We only support wall mounting these weatherproof enclosures in the orientation detailed opposite. It is important that there is a minimum of 300mm (12") of space around all sides of the enclosure to allow for air circulation and to prevent overheating.

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.

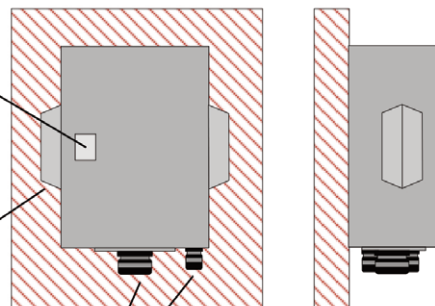
This is the maximum recommended cable size and is provided so that the PSU can be located a good distance from the enclosure when it is sited near a pool or other large body of water.



Enclosure must be mounted securely on wall with latch on front.

Open vented ends must point toward ground.

All glands must point toward ground.



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.

