



DATASHEET

FOCUS

Focus Integral

Sea Cage Light

Delivering class-leading efficiency and low operational costs Planet Lighting's Focus sea cage lighting technology represents the highest performance in the most compact and lightweight package available.

Proven at sea since 2012, Planet Lighting's Focus products are robust, easy to use and designed to significantly limit maintenance and downtime so you can focus on what's important.

planetlighting.com/aquaculture-lighting



PLANET
AQUACULTURE

Focus Integral Sea Cage Light

Focus Integral is a highly efficient all-in-one underwater luminaire designed for use in sea cage farming systems. No remote gear or drivers necessary.

APPLICATIONS



Aquaculture



Mariculture



Photoperiod
Manipulation

SPECIFICATIONS

Elnr 3502310

Led Lifetime

L90(12K) >72600hrs

Electrical

Max power: 440-465W with losses

Typical voltage: 230v/110v

Typical current: 1.9-2.0A (at 230v AC)
4.0-4.23A (at 110v AC)

Efficiency: 171 lm/W

Performance tolerance: 8%

Material

Metalware: Marine grade aluminium

Glass: Borosilicate

Cable: CPE/EPDM rubber, certified for submersion to 200m

Ambient Operating Conditions

Above water cable & connectors temperature rating: 40°C to -45°C

Water temperature: -2°C to 25°C

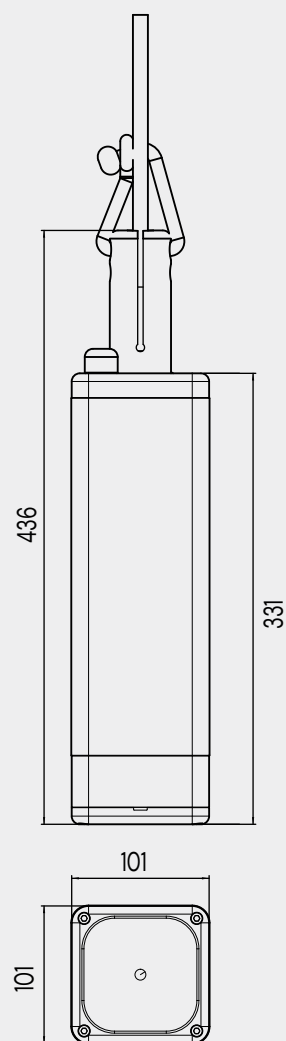
Only use product submerged in water.

Protection Class

IP68

Weight

5.8kg excl. cable



All measurements in millimetres (mm)

Photometrics

Technical

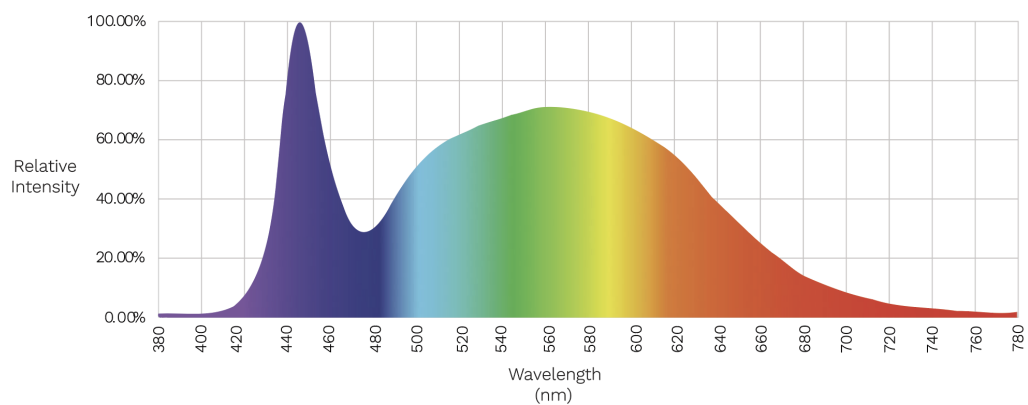
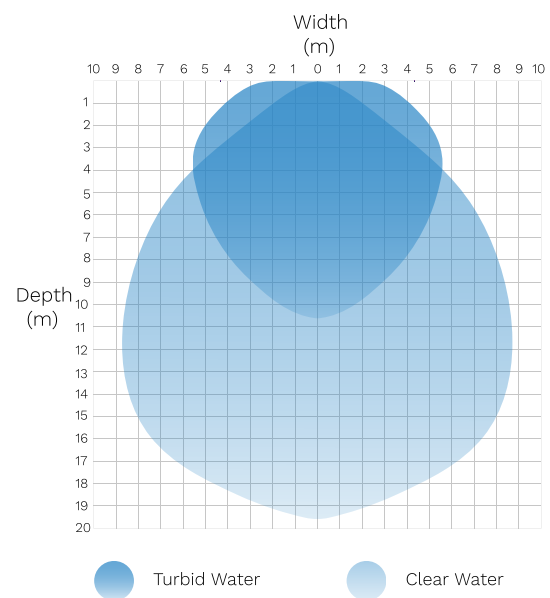
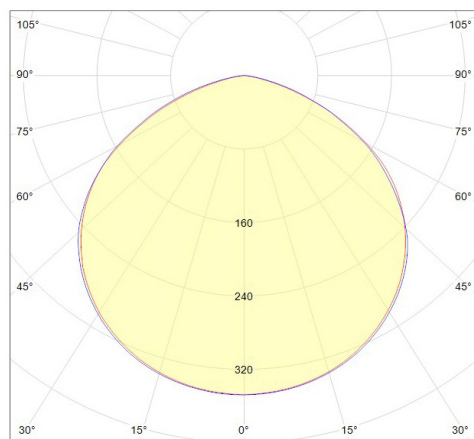
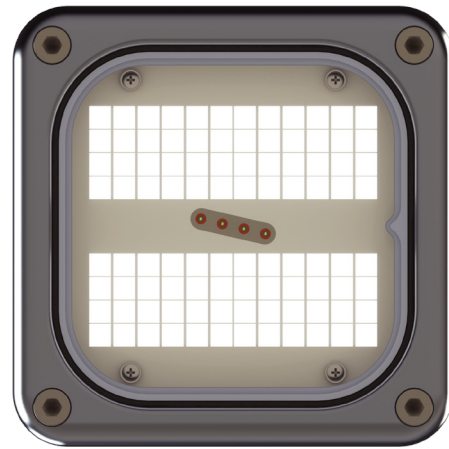
Cool White LED
CRI 70

Performance

Efficiency: 171 lm/W
Max lumen output: 72000 lm
Typical lumen output: 66000 lm
Performance tolerance: 8%

Light Distribution

Circular with a beam angle of 110°



Installation

- Designed to retrofit to existing RCD protected circuits at your pen.
- Luminaire to be suspended underwater from a rope through the shackle.

CONTROL

- Standard control offers a 30 minute soft start when powered.

Cable

- Black CPE over EPDM rubber cable, certified submersible to 200m, UV resistant, Oil resistant, and flame retardant.
- Each cable kit is supplied with the new suspension rod, which delivers tangle free strain relief.



PRODUCT CODE

STANDARD SPECIFICATION

F11-A-40R5

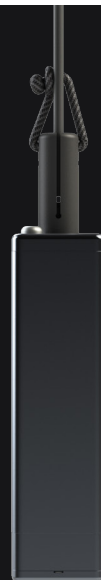
Focus Integral sea cage light, cool white LED



Focus

More Light. Less Work.

Focus Integral is a highly efficient all-in-one sea cage lighting solution designed for easy Plug & Play operation. Contact us today to find out more.



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*Specifications are subject to change without notice. ver. 08072022-07