



DATASHEET

FOCUS

Focus Remote

Aquaculture luminaire

Designed to optimise lighting conditions for fish health as well as minimise maintenance, the powerfully efficient Focus Remote has become one of the industry's most dependable underwater luminaires.

www.planetlighting.com/aquaculture-lighting



PLANET
LIGHTING

Focus Remote

High powered, durable and with an incredibly efficient and compact remote gear fixture design, the Australian designed and made Focus Remote has become one of the industry's most trusted underwater luminaires.

APPLICATIONS



Aquaculture



Mariculture



Photoperiod
Manipulation

SPECIFICATIONS

LED LIFETIME

L90 > 36,000h

ELECTRICAL

Max 600W

Vf 54-56V per COB LED

4 COB LEDs

Drive current 1.9 to 2.5A

MATERIAL

Metalware: Aluminium 5083

Glass: Borosilicate

Cable: PUR cable with Kevlar braid

AMBIENT OPERATING CONDITIONS

Water temperature: -2°C to 25°C Above
water cable & connectors temperature
rating: -40°C to 45°C.

Only use product submerged in water.

Maximum operating depth 20m.

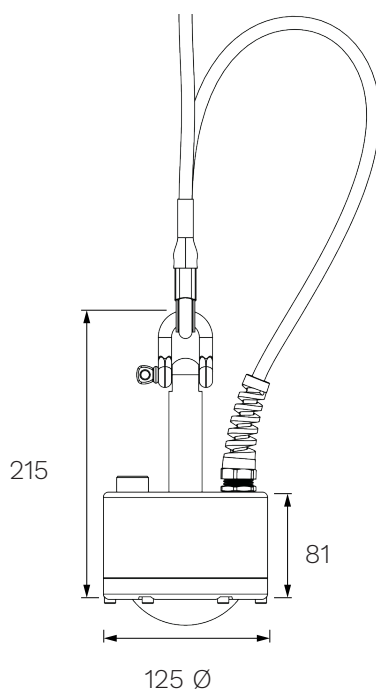
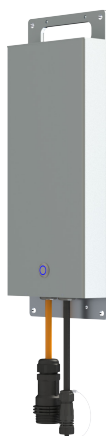
PROTECTION CLASS

IP68

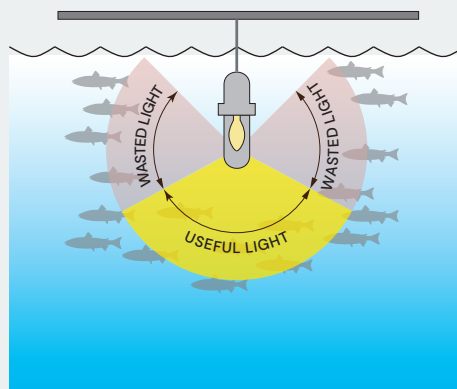
WEIGHT

2.4kg excl. cable

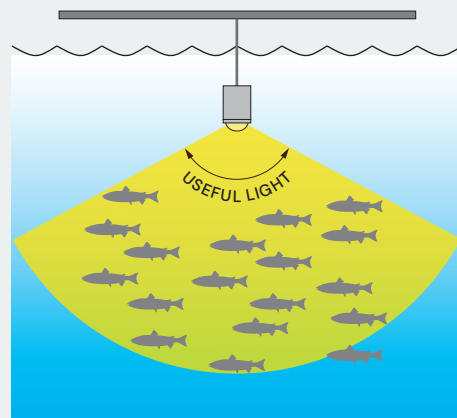
*The Focus Remote must
be powered by a properly
installed Planet Lighting
remote gear housing only.
Please enquire with your
Planet Lighting supplier.*



All measurements in millimetres (mm)



A typical aquaculture light



Focus Remote aquaculture luminaire

*The Focus Remote has a downwelling light
for maximum light effectiveness and to help
increase fish health outcomes.*

*Specifications are subject to change without notice.



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PHOTOMETRICS

TECHNICAL

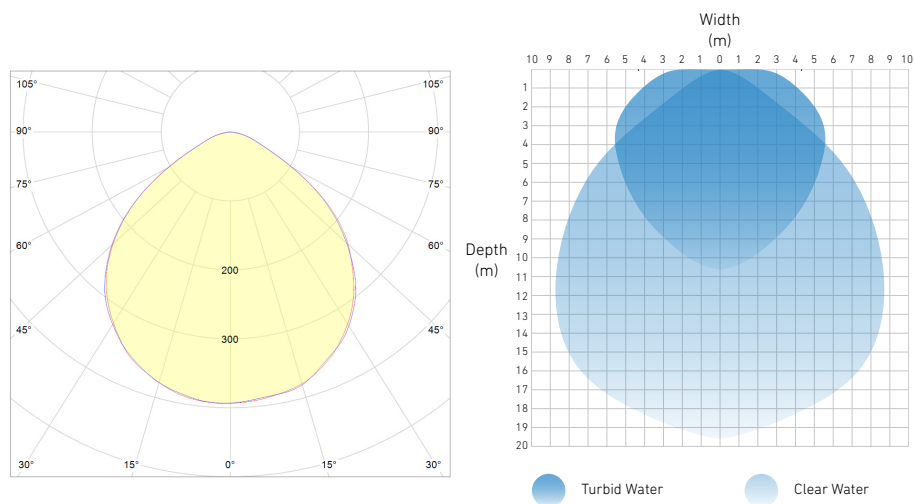
Standard 6500K Cool White LED
CRI 70

PERFORMANCE

148 lm/W (at COB)
81,400 lm at max 2.5A
Typical lumen output: 66700 lm
Performance: +/-8%

LIGHT DISTRIBUTION

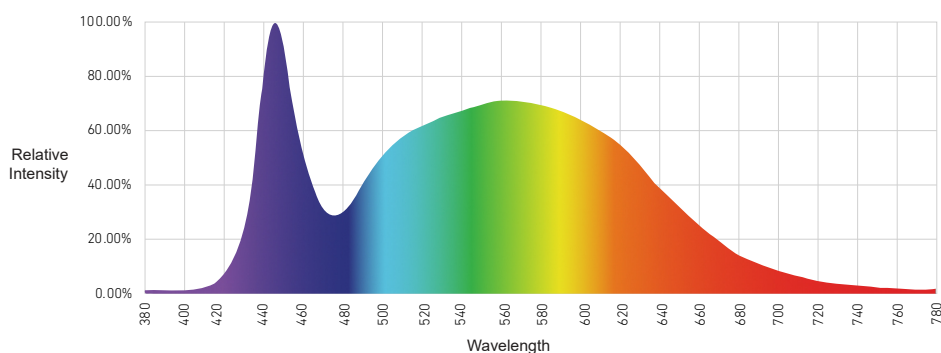
Circular with a beam angle of 120°



INSTALLATION

REMOTE GEAR

- Gear housings manufactured by Planet Lighting only are required to operate this product. These units house the LED drivers and are typically installed at the cage rail. See our Focus cabinets or Uno housings.
- Luminaire to be suspended underwater from a rope through the shackle.



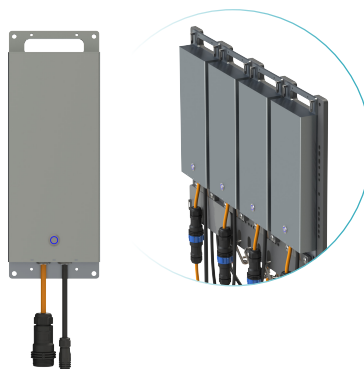
Above: Comparison light penetration to 10 lux in ocean water conditions: turbid and clear.

CABLE

- Maximum custom cable length between luminaire and remote gear is greater than 100m
- Durable PUR cable with Kevlar braid with built-in strain relief

CONTROL

- Standard control offers a 30 minute soft start when powered.
- Further options available depending on gear housing selection.



Above: Uno housings.
The Focus Remote is a remote gear fixture by design. The LED driver gear is located in a gear housing mounted at the cage rail to minimise equipment inside the cage, and allows optimal protection and serviceability of the gear.



Durable PUR cable with Kevlar braid with built-in strain relief

PRODUCT CODE

L5-600-65-120

STANDARD SPECIFICATION

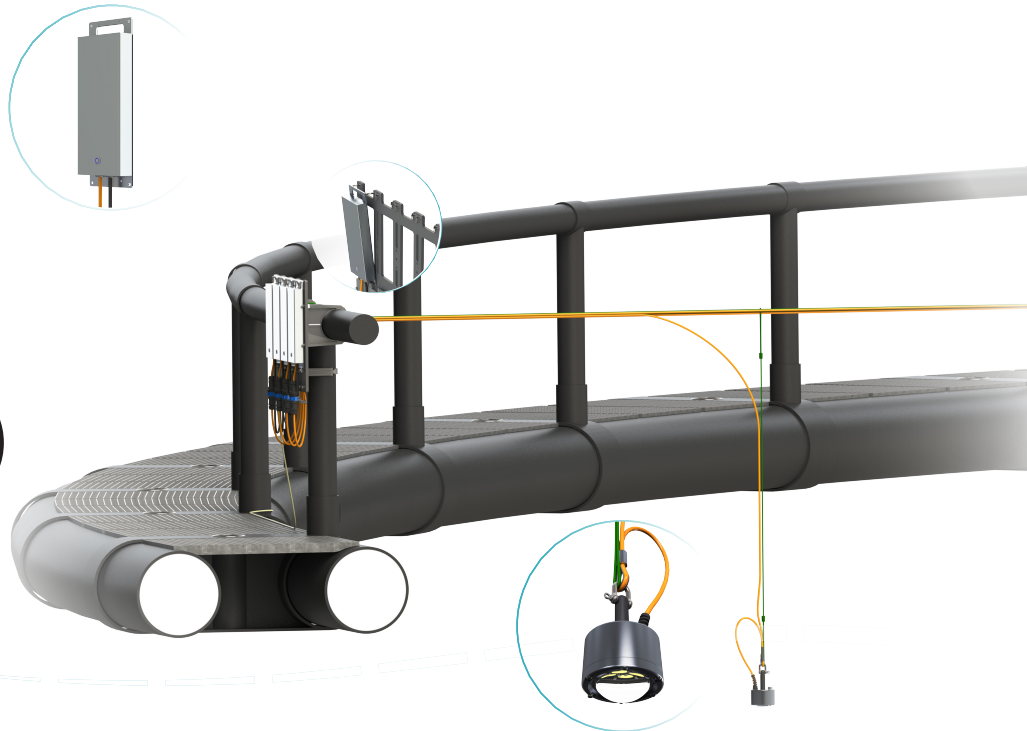
Focus Remote aquaculture luminaire, 600W 6500K cool white LED



Uno

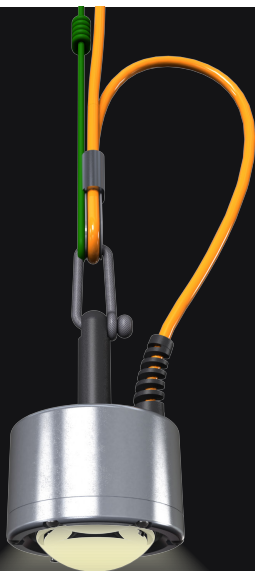
Heavy duty performance
Without the heavy lifting.

Delivering heavy duty performance without the heavy lifting, Uno is slimline, lightweight remote gear purpose-engineered for the sea cage and designed exclusively to control and power your Focus light. Built incredibly tough, Uno is plug & play and includes features such as soft start / stop as well as a clever built-in secondary voltage monitor. Ask us more to upgrade your remote gear today.



Ask us about Uno, our all-in-one remote gear engineered to take your aquaculture lighting to the next level.

*Specifications are subject to change without notice.



Focus

More light. Less work.

Designed and made in Australia, and with proven reliability in the worlds toughest oceans.

Planet Lighting's Focus aquaculture products are engineered so you spend less time in the water and more time focusing on what's important. Contact us to find out more.



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