OceanLED Marine
Pro Series *HD Gen2*

HD LED

Underwater
3010TH

Tritonium™
Optical Technology

3010TH *HD* Gen2
High Definition Underwater Lighting Excellence

The original Thru-Hull with the world's smallest hole cut-out for a thru hull light at only 1" is now brighter again – the 3010TH HD Gen2 model is 43% brighter than its predecessor by exploiting the next generation of High Definition LEDs from Cree.

With 10,000-fixture lumen brightness and a 1-inch (25mm) profile head make the 3010TH the ideal underwater light for transom mount applications.

Suitable for all hull types over 65' (20m) using 4 or more lights with spacing of 3-6' (1-1.8m) – for metal hulls, choose the Delrin Isolation Sleeve accessory. Deutsch plug-and-play quick connectors make this light a quick fit. Maintenance is easy; just wipe away marine growth from its scratch resistant Tritonium™ glass lens. Three super bright LED color options.

For a light that's less bright choose 2010TH HD Gen2. For a light with a lower profile head for hull mount applications, or that can be exchanged without hauling, choose from our XFM models. For a light with color-change capabilities choose from our Colours models.

- 1" Hole in Hull
- 43% Brighter than the Original 3010
- Equal to 2 x 100w HID/Metal Halide
- 12/24V DC (AC Upgrade Option)
- 40,000+ Hour Life
- Aluminium Bronze AB2
- Plug & Play
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12V DC	110V AC 240V AC	10000	60/140°	Tritonium	REVERSE POLARITY PROTECTION
LIFE SPAN	24V DC	AC UPGRADE	FIXTURE LUMENS	PRIMARY/SECONDARY BEAM	OPTICAL LENS	

Description	Color	Part #	UPC/EAN #
Pro Series 3010TH HD Gen2 Ultra White LEDs w/Linear Optics	Ultra White	001-500734	5051803005469
Pro Series 3010TH HD Gen2 Midnight Blue LEDs w/Linear Optics	Midnight Blue	001-500735	5051803005476
Pro Series 3010TH HD Gen2 Sea Green LEDs w/Linear Optics	Sea Green	001-500736	5051803005483

Mounting Recommendations	3010TH HD
Boat size	over 65' (20m)
Transom / Hull spacing	3-6' (1-1.8m)
Transom quantity	4+
Maximum hull thickness	$3^{1/2}$" (90mm)
Installation depth (to top of fixture)	10-12in (250-300mm)
Technical	
Light output equivalent to	2 x 100W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	10000
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	9-32V DC
Minimum-Maximum operating voltage AC	90-270V AC
Current / Amp draw (DC)	12V DC 10A 24V DC 5A
Current / Amp draw (AC/optional)	110V AC 50/60HZ 1.3A 240V AC 50/60HZ 0.6A
Approx. light penetration (avg. water quality)	72' (22m)
Approx. Light penetration (perfect water quality)	up to 165' (50+m)
Driver type	External
Driver size (L x W x H)	TBA
Physical	
Diameter of fixture	$5^{29/32}$" (150mm)
Profile (height) of fixture	$1^{13/64}$" (30.6mm)
Total weight including electrical driver	6.6lbs (3kgs)
Extension cable length (standard-hard wired to light)	$6^{1/2}$' (2m)
Hole cut-out for cable entry	1" (26mm)
Material	Aluminium Bronze AB2
Lens	Tritonium™ Optical Lens
Accessories	**Part#**
Delrin Isolation Sleeve for 3010 Thru-Hull	001-500165
Locking Nut Kit for All Thru-Hull Models	050-000029
2m (6.5') Plug & Play Extension Cable (Gen2)	001-500753
6m (19.5') Plug & Play Extension Cable (Gen2)	001-500754
4 Way V DC Power Junction Box	001-500247
Pro Series HD Gen2 AC/Mains Power Pack	001-500755

*Fixture Lumens rating is a measurement of total light output from a finished lighting fixture. This measurement can only be obtained from either a Goniophotometer or an Integrating sphere. Fixture Lumens is the most reliable, professional measurement of light output. OceanLED has heavily invested in these measurement apparatus and has had all its data verified by the Lighting Association of Great Britain.

OceanLED Smart Light Technology

All OceanLED lights are factory sealed, essential for lighting components subjected to the corrosive marine environment.

Active Thermal Control
ATC is a continuous monitoring system built into all OceanLED lighting products to prevent overheating, thus improving LED performance and lumen maintenance. In the event the lights become overheated, the ATC system will reduce the LED power level in order to protect the LEDs, or in extreme cases, turn off the fixture completely. All OceanLED lighting products are tested to work continuously in an ambient temperature of 65° Centigrade / 150° Fahrenheit.

Grade A Electrical-Opto Performance
OceanLED utilizes the very latest optical methods to achieve the highest Lumen Per Watt efficacy ratings on all its products. Combining optical precision with Grade A Electrical components ensures maximum life cycles, minimal heat exposure, and flicker free operation and dimming.
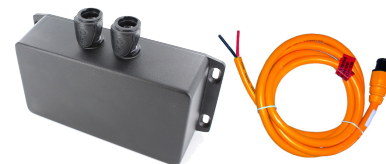
OceanLED 3-Star Binning Promise
Millions of LEDs are produced every day, some better than others. LEDs are sorted or "Binned" according to their light output, emitted color, and electrical efficiency. OceanLED has developed its own unique Bin code to ensure the highest quality grade LEDs are selected, essential for the quality and consistency on which OceanLED prides itself, and the consumer expects.

Contents include:
• 12/24V DC Driver w/Power Cable
• 2m/6' Connection Cable

EMC Tested
EN60945 compliant-2004/108/EC

OceanLED®
LIGHT. YEARS AHEAD.

CREE◆

Discover other marine lighting on our website.