



3010TH **HD** Thru-Hull

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 100% brighter than its predecessor using the latest High Definition LEDs. The 3010TH HD with a 1 inch (30mm) profile head and brightness equivalent to 250w HID/Metal Halide lights make it ideal for transom mount applications on larger boats.

Suitable for Fiberglass, GRP and wooden hulls over or above 20m (65') using 4 or more lights with spacing of 3-6' (1-1.8m). Deutsch plug-and-play quick connectors make this light a quick fit.

Also suitable for aluminium/steel hulls using the Delrin Isolation Sleeve accessory.

OceanLED Marine
Underwater Lighting
Pro Series **HD**


Underwater
GRP / WOODEN HULL
Pro Series 3010TH **HD LED**




Tritonium™
Optical Technology



- 1" Hole in Hull
- 2x Brighter than the Original 3010
- Equal to 250w HID/Metal Halide
- 12/24vDC (AC Upgrade Option)
- 40,000+ Hour Life
- Aluminium Bronze AB2
- Plug & Play
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12vDC	110vAC 240vAC	7000		Tritonium	REVERSE POLARITY PROTECTION
LIFE SPAN	24vDC	AC UPGRADE	FIXTURE LUMENS	60/140° <small>PRIMARY/SECONDARY BEAM</small>	OPTICAL LENS	

Description	Color	Part #	UPC/EAN #
Pro Series 3010TH HD Ultra White LEDs w/Linear Optics	 Ultra White	001-500587	5051803003786
Pro Series 3010TH HD Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500589	5051803003809
Pro Series 3010TH HD Sea Green LEDs w/Linear Optics	 Sea Green	001-500591	5051803003823

Mounting Recommendations	3010TH HD
Boat size	over 20m (65')
Transom spacing	1-1.8m (3-6')
Transom quantity	4+
Hull spacing	1.2-2.4m (4-8')
Maximum hull thickness	90mm (3 ^{1/2} "
Installation depth (to top of fixture)	250-300mm (10-12")
Technical	
Light output equivalent to	250W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	7000
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	18-32vDC
Minimum-Maximum operating voltage AC	90-270vAC
Current / Amp draw (DC)	12vDC 5.5A, 24vDC 2.75A
Current / Amp draw (AC/optional)	110vAC 50/60HZ 0.64A 240vAC 50/60HZ 0.3A
Approx. light penetration (avg. water quality)	12m (40')
Approx. Light penetration (perfect water quality)	up to 30+m (100')
Driver type	External
Driver size (L x W x H)	170 x 80 x 50mm (6 ^{11/16} x 3 ^{5/32} x 2")
Physical	
Diameter of fixture	150mm (5 ^{29/32} "
Profile (height) of fixture	30.6mm (1 ^{3/64} "
Total weight including electrical driver	3kgs (6.6lbs)
Extension cable length (standard-hard wired to light)	2m (6 ^{1/2} "
Hole cut-out for cable entry	26mm (1")
Material	Aluminium Bronze AB2
Lens	Tritonium™ Optical Lens
Accessories	Part#
Pro Series HD AC/Mains Power Pack	001-500607
2m (6.5') Plug & Play Extension Cable	001-600001
6m (19.5') Plug & Play Extension Cable	001-600003
12v Remote Control Kit	001-600160
12/24v Remote Control Kit	001-600161
4 Way vDC Power Junction Box	001-500247
Locking Nut Kit for All Thru-Hull Models	050-000029
3010TH HD Delrin Isolation Sleeve (metal hull installs)	001-500165

*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:

- 12/24vDC Driver w/Power Cable
- 2m/6' Connection Cable



EMC Tested
EN60945 compliant-2004/108/EC

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OceanLED

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