



Specification Sheet
COLOURS HD Gen2
PRO SERIES

**UNDERWATER
 COLOURS**

Tritonium™
 Optical Technology

COLOURS
 OceanDMX

Colours XFM *HD* Gen2

High Definition Underwater Lighting Excellence

Colours by OceanLED are the first high-powered color change underwater LED lights for boats that allow boat owners to choose the color of their lights from an unlimited color pallet, and now they're even brighter!

Colours utilize the very latest 4-channel RGBW (Red/Green/Blue/White) High Definition LEDs. Controlled via DMX-512 through the vessels onboard systems, or wirelessly via third party devices such as an iPad, iPhone or Android, Colours allows you to preprogram more than 40 static and dynamic color scenes to set the mood, enhance an onboard event, strobe to attract fish, or even change color with the time of day.

XFM models, or Xchangeable Flush Mounts, are just that - they're exchangeable without hauling should servicing ever be needed. Their exceptionally low profile head offers virtually unlimited hull mounting options, including retrofitting into most existing underwater lighting hole cut-outs, yielding immediate benefits of no startup power surge, low heat, minimal maintenance, and improved light output.

Suitable for all hull types up to and over 65' (20m) using 2-6 lights with spacing of 3-5' (1-1.5m) - for metal hulls, add 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.

For a color-change light with a smaller hole cut-out better suited for transom mount applications choose Colours TH. Single-color models are also available.

See reverse side for additional parts required for Colours models.

- Xchangeable from Inside the Hull
- Equal to 250w HID/Metal Halide
- 4" (100mm) Hole
- 110-240V AC
- 40,000+ Hour Life
- Aluminium Bronze AB2 Bezel/ Hard Anodized Aluminium Body
- Plug & Play
- Factory Sealed Unit

Quick Specs

40K HOURS	110V AC	11400	7000		Tritonium	REVERSE POLARITY PROTECTION	IN WATER REFITTING	DMX COMPATIBLE
LIFE SPAN	240V AC	LUMENS	FIXTURE LUMENS	60/140° <small>PRIMARY/SECONDARY BEAM</small>	OPTICAL LENS			

Description	Color	Part #	UPC/EAN #
Pro Series COLOURS XFM HD Gen2 LEDs w/Linear Optics		001-500747	5051803005599

Mounting Recommendations	Colours XFM HD
Boat size	up to and over 65ft (20m)
Transom / Hull spacing	3-5' (1-1.5m)
Transom quantity	2-6
Hull quantity	4+/side
Maximum hull thickness	4" (100mm)
Installation depth (to top of fixture)	10-12in (250-300mm)
Technical	
Light output equivalent to	250W HID Metal Halides
Lumens	11400
Fixture Lumens	7000
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage AC (AC/only)	90-270V AC
Current / Amp draw (AC/only)	110V AC 50/60HZ 1.1A 240V AC 50/60HZ 0.5A
Approx. light penetration (avg. water quality)	59' (18m)
Approx. Light penetration (perfect water quality)	up to 140' (45+m)
Driver type	External
Driver size (L x W x H)	360 x 160 x 90mm (14 ^{3/16} x 6 ^{1/4} x 3 ^{1/2} ")
Physical	
Diameter of fixture	6 ^{19/64} " (160mm)
Profile (height) of fixture	4 ^{5/64} " (17.8mm)
Total weight including electrical driver	11.2lbs (5.1kgs)
Extension cable length (standard-hard wired to light)	6 ^{1/2} ' (2m)
Ethernet Colours Connection Cable	10' (3m)
Hole cut-out for cable entry	4" (100mm)
Material	Aluminium Bronze AB2
Lens	Tritonium™ Optical Lens
Accessories	Part#
Delrin Isolation Sleeve for 2010/COLOURS XFM	001-500573
Locking Nut Kit for 2010 XFM	001-500398
2m (6.5') Plug & Play Extension Cable (Gen2)	001-500753
6m (19.5') Plug & Play Extension Cable (Gen2)	001-500754
IP68 Ethernet DIY Cap	001-500463
Pro Series HD Gen2 Colours Driver & Ethernet Connection Cable	001-500756
Ethernet Colours Connection Cable (3 Meter)(Included w/ COLOURS Driver)	001-500594
Colours Terminator Kit (Included with DMX Controller)	001-500467
*Add'l required parts for Colours models	Part#
NEW Pro Series HD DMX App Controller Kit	011705
DMX Touch Panel Controller (includes 1 Terminator Kit)	001-500596
DMX Wifi Touch Panel Controller (includes 1 Terminator Kit)	001-500598

***PARTS REQUIRED FOR COLOURS MODELS:** When installing Colours models you will need to purchase separately one (1) DMX Touch Panel Controller or one (1) DMX Wifi Touch Panel Controller. For complete installation information refer to the Pro Series HD Installation Manual.

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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:

- Colours TH HD Underwater LED Light w/Cable
- Mounting Kit
- Colours AC Driver w/Cable
- Ethernet Connection Cable



EMC Tested
EN60945 compliant-2004/108/EC

OceanLED
LIGHT. YEARS AHEAD.

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