



Amphibian T3

Underwater & Above Water Lighting Excellence

Amphibian T-Series LED lighting is the ideal choice for your boat and trailer. Attract fish and bait, light up your wake, and create incredible night time lighting effects above or below water.

Exceptionally easy to install and may be used underwater on the transom, hull and bait well, or above water on your T-top, engine brackets or cowling, under your gunnels, as a mast uplighter, in your engine compartment, and even on your trailer for night launching.

Ultra low power draw, no start-up current required, reverse polarity protection.

Suitable for Fiberglass, GRP and wooden hulls up to 7.5m (25').

Amphibian T-Series is meant for boats that are trailered and not in water for extended periods of time. For boats needing protection from sea growth choose Amphibian Pro Series featuring our Tritonium™ lens - just wipe away sea growth without scratching. Not intended for use as Dock Lighting; please see our Dock Light Series. To utilize the two color capability of our T12 Dual models, a 3-position switch is required (not included).

OceanLED Marine
Amphibious Lighting
Amphibian T-Series


Amphibians T-SERIES




Amphibious
ABOVE & BELOW WATER
T-Series



- 3/8" Hole in Hull
- Equal to 50w Halogen
- 12vDC ONLY
- 40,000+ Hour Life
- Chemically Resistant Polymer
- Twin Core Wire
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12vDC	200		ABOVE WATER	ALL-IN-1 TECHNOLOGY	HIGHLY IMPACT RESISTANT
LIFE SPAN		FIXTURE LUMENS	24° BEAM	BELOW WATER		

Description	Color	Part #	UPC/EAN #
Amphibian T3 Ultra White LEDs	 Ultra White	001-500400	5051803001492
Amphibian T3 Ocean Blue LEDs	 Ocean Blue	001-500401	5051803001508
Amphibian T3 Sea Green LEDs	 Sea Green	001-500402	5051803001515

Mounting Recommendations	T3
Boat size	up to 7.5m (25')
Transom spacing	0.5-1m (2-3')
Transom quantity	2
Hull spacing	0.5-1.2m (2-4')
For above and below water use	
Technical	
Light output equivalent to	50W Halogen
Fixture Lumens* (total light output from a finished fixture)	200
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	9-15vDC
Current / Amp draw (DC)	12vDC 0.35A
Approx. light penetration (avg. water quality)	3m (10')
Approx. Light penetration (perfect water quality)	up to 7+m (23')
Driver type	Internal
Physical	
Length of fixture	92mm (3 ⁵ / ₈ "
Width of fixture	50mm (2")
Profile (height) of fixture	21.5mm (3/4")
Total weight	110grms (3.8oz)
Extension cable length (standard)	2m (6 ¹ / ₂ "
Hole cut-out for cable entry	9mm (3/8")
Material	Chemically resistant optical polymer
Lens	Impact resistant lens
Accessories	Part#
Amphibian T-Series 3 Mounting Bracket White	001-500336
Universal Clamp/Foot White	001-500337
12v Remote Control Kit	001-600160
12/24v Remote Control Kit	001-600161
4 Way vDC Power Junction Box	001-500247

*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.



Back view:



EMC Tested
EN60945 compliant-2004/108/EC

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LIGHT. YEARS AHEAD.

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Amphibian T6

Underwater & Above Water Lighting Excellence

Amphibian T-Series LED lighting is the ideal choice for your boat and trailer. Attract fish and bait, light up your wake, and create incredible night time lighting effects above or below water.

Exceptionally easy to install and may be used underwater on the transom, hull and bait well, or above water on your T-top, engine brackets or cowling, under your gunnels, as a mast uplighter, in your engine compartment, and even on your trailer for night launching.

Ultra low power draw, no start-up current required, reverse polarity protection.

Suitable for Fiberglass, GRP and wooden hulls up to 9m (30').

Amphibian T-Series is meant for boats that are trailered and not in water for extended periods of time. For boats needing protection from sea growth choose Amphibian Pro Series featuring our Tritonium™ lens - just wipe away sea growth without scratching. Not intended for use as Dock Lighting; please see our Dock Light Series. To utilize the two color capability of our T12 Dual models, a 3-position switch is required (not included).

OceanLED Marine
Amphibious Lighting
Amphibian T-Series

Amphibians T-SERIES




Amphibious
ABOVE & BELOW WATER
T-Series



- 3/8" Hole in Hull
- Equal to 80w Halogen
- 12/24vDC
- 40,000+ Hour Life
- Chemically Resistant Polymer
- Twin Core Wire
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12vDC	400		ABOVE WATER	ALL-IN-1 TECHNOLOGY	HIGHLY IMPACT RESISTANT
LIFE SPAN	24vDC	FIXTURE LUMENS	36° BEAM	BELOW WATER		

Description	Color	Part #	UPC/EAN #
Amphibian T6 Ultra White LEDs	 Ultra White	001-500403	5051803001522
Amphibian T6 Ocean Blue LEDs	 Ocean Blue	001-500404	5051803001539
Amphibian T6 Sea Green LEDs	 Sea Green	001-500405	5051803001546

Mounting Recommendations	T6
Boat size	up to 9m (30')
Transom spacing	0.5-1m (2-3')
Transom quantity	2-4
Hull spacing	0.5-1.2m (2-4')
For above and below water use	
Technical	
Light output equivalent to	80W Halogen
Fixture Lumens* (total light output from a finished fixture)	400
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	9-32VDC
Current / Amp draw (DC)	12VDC 0.5A, 24VDC 0.3A
Approx. light penetration (avg. water quality)	3.5m (11.5')
Approx. Light penetration (perfect water quality)	up to 9+m (30')
Driver type	Internal
Physical	
Length of fixture	155mm (6 ¹ / ₈ "
Width of fixture	50mm (2")
Profile (height) of fixture	21.5mm (3/4")
Total weight	155grms (5.4oz)
Extension cable length (standard)	2m (6 ¹ / ₂ "
Hole cut-out for cable entry	9mm (3/8")
Material	Chemically resistant optical polymer
Lens	Impact resistant lens
Accessories	Part#
Amphibian T-Series 6 Mounting Bracket White	001-500335
Amphibian T-Series 6 Mounting Bracket Gray	001-500577
Universal Clamp/Foot White	001-500337
12v Remote Control Kit	001-600160
12/24v Remote Control Kit	001-600161
4 Way vDC Power Junction Box	001-500247

*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

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Amphibian T12

Underwater & Above Water Lighting Excellence

Amphibian T-Series LED lighting is the ideal choice for your boat and trailer. Attract fish and bait, light up your wake, and create incredible night time lighting effects above or below water.

Exceptionally easy to install and may be used underwater on the transom, hull and bait well, or above water on your T-top, engine brackets or cowling, under your gunnels, as a mast uplighter, in your engine compartment, and even on your trailer for night launching.

Ultra low power draw, no start-up current required, reverse polarity protection.

Suitable for Fiberglass, GRP and wooden hulls up to 10m (35').

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OceanLED Marine
Amphibious Lighting
Amphibian T-Series

Amphibians T-SERIES

Amphibious
ABOVE & BELOW WATER
T-Series



- 1/2" Hole in Hull
- Equal to 35w Xenon
- 12/24VDC
- 40,000+ Hour Life
- Chemically Resistant Polymer
- Twin Core Wire
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12vDC	800		ABOVE WATER	ALL-IN-1 TECHNOLOGY	HIGHLY IMPACT RESISTANT
LIFE SPAN	24vDC	FIXTURE LUMENS	36° BEAM	BELOW WATER		

Description	Color	Part #	UPC/EAN #
Amphibian T12 Ultra White LEDs	 Ultra White	001-500568	5051803003595
Amphibian T12 Ocean Blue LEDs	 Ocean Blue	001-500569	5051803003601
Amphibian T12 Sea Green LEDs	 Sea Green	001-500570	5051803003618
Amphibian T12 Dual Ocean Blue/Sea Green LEDs	 Blue/Green	001-500571	5051803003625
Amphibian T12 Dual Ocean Blue/Ultra White LEDs	 Blue/White	001-500636	5051803004370

Mounting Recommendations	T12/T12 DUAL
Boat size	up to 10m (35')
Transom spacing	0.5-1.2m (2-4')
Transom quantity	2-4
Hull spacing	0.5-1.2m (2-4')
For above and below water use	
Technical	
Light output equivalent to	Some 35W Xenon
Fixture Lumens* (total light output from a finished fixture)	800
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	9-32VDC
Current / Amp draw (DC)	12VDC 1A, 24VDC 0.6A
Approx. light penetration (avg. water quality)	5m (16.5')
Approx. Light penetration (perfect water quality)	up to 13+m (42')
Driver type	Internal
Physical	
Length of fixture	182mm (7 1/8")
Width of fixture	82mm (3 1/4")
Profile (height) of fixture	35mm (1 3/8")
Total weight	240grms (8.5oz)
Extension cable length (standard)	2m (6 1/2')
Hole cut-out for cable entry	13mm (1/2")
Material	Chemically resistant optical polymer
Lens	Impact resistant lens
Accessories	Part#
Amphibian T-Series 12 Mounting Bracket White	001-500334
Amphibian T-Series 12 Mounting Bracket Gray	001-500579
Universal Clamp/Foot White	001-500337
12v Remote Control Kit	001-600160
12/24v Remote Control Kit	001-600161
4 Way vDC Power Junction Box	001-500247

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OceanLED Smart Light Technology

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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

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OceanLED 3-Star Binning Promise

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OceanLED Marine
Marine Lighting
Accessories



Accessories

AMPHIBIAN T-SERIES Mounting Brackets



Mounting Brackets

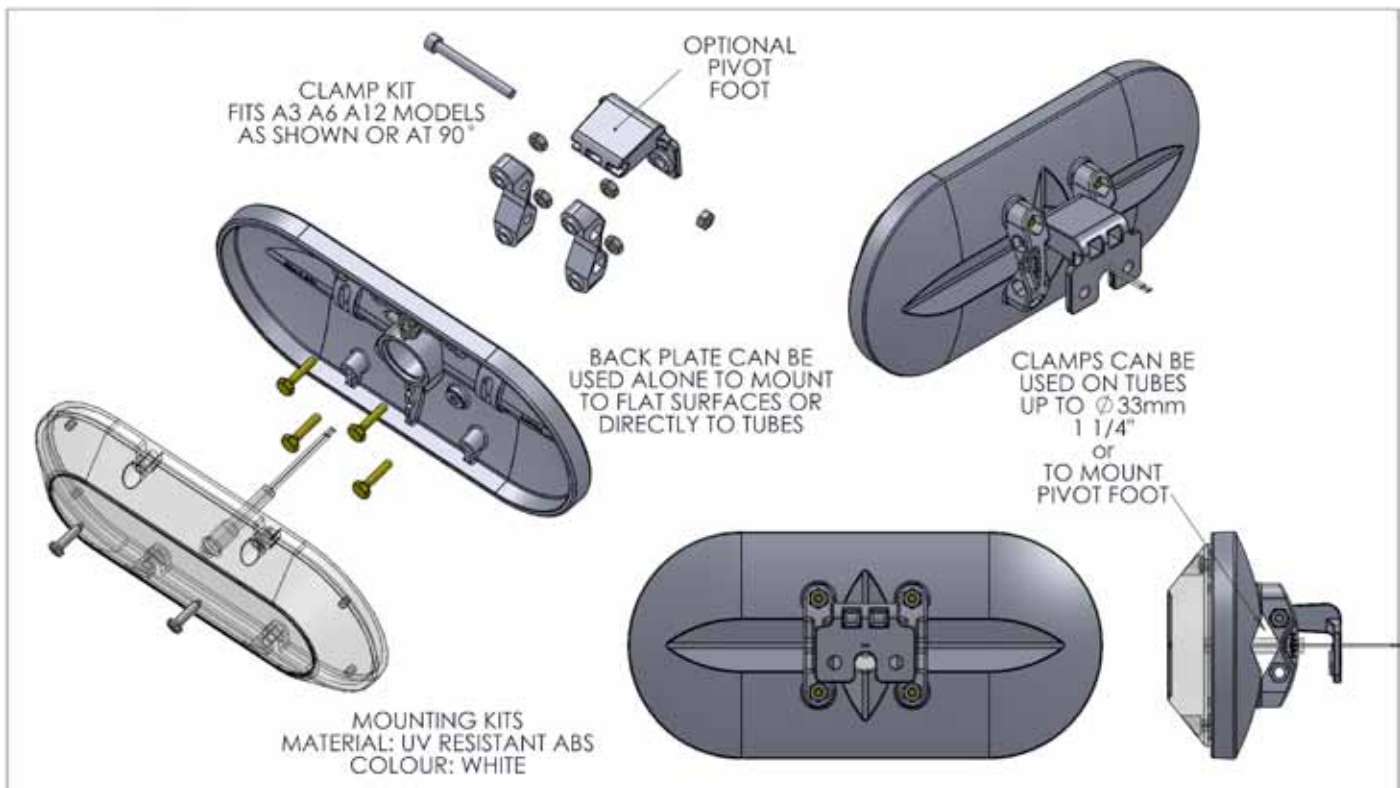
for Amphibian T-Series LED Lighting

Mount your Amphibian T-Series lights almost anywhere above water! Screw fix or zip tie to T-tops, spreaders, outriggers, pontoons, masts, trailers, engine brackets and cowlings, on deck, as well as in landscape applications or for wall-wash effects. The clamp assembly allows for affixing to round pipe.

Available in white and gray polymer to suit a wide variety of applications, and in 3 sizes compatible with all OceanLED Amphibian T-Series LED lighting.

- Available in 3 sizes
- White or Gray injection molded ABS
- 316L Stainless Steel bolts and nylon nuts
- For above water use only

Description	Color	Part #	UPC/EAN #
Amphibian T-Series 3 Mounting Bracket White	White	001-500336	5051803001287
Amphibian T-Series 6 Mounting Bracket White	White	001-500335	5051803001270
Amphibian T-Series 12 Mounting Bracket White	White	001-500334	5051803001263
Universal Clamp/Foot White	White	001-500337	5051803001294
Amphibian T-Series 6 Mounting Bracket Gray	Gray	001-500577	5051803003687
Amphibian T-Series 12 Mounting Bracket Gray	Gray	001-500579	5051803003700



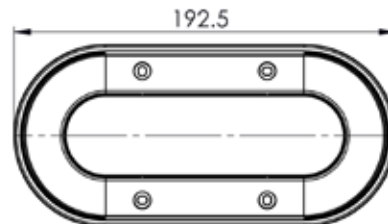
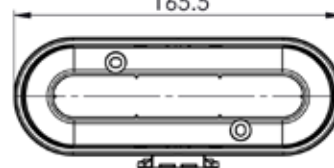
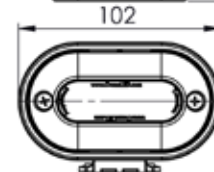
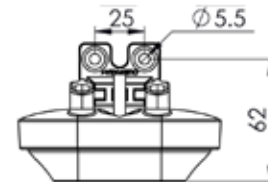
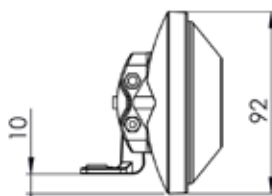
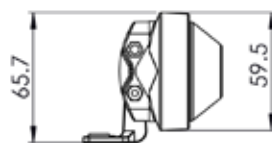
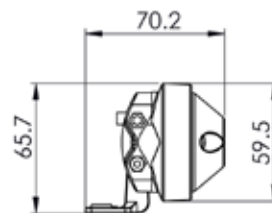
DO NOT SCALE



BRACKET CAN BE
MOUNTED HORIZONTALLY
OR VERTICALLY



LIGHT
PIVOTS ON MOUNTING
FOOT



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Amphibian A3 Pro

Underwater Lighting Excellence

Amphibian Pro Series are the brightest Amphibian LED lights. The A3Pro underwater light rivals any 75 watt Halogen on the market and with 8 times the power savings.

Use underwater to attract fish and bait, light up your wake, and create incredible night time lighting effects.

Exceptionally easy to install on the transom or hull.

Maintenance is easy, just wipe away sea growth from the scratch resistant Tritonium™ glass lens.

Ultra low power draw, no start-up current required, reverse polarity protection.

Suitable for Fiberglass, GRP and wooden hulls up to 9m (30').

Amphibian Pro Series is meant for underwater use on boats. For above water use choose Amphibian T-Series. Not intended for use as Dock Lighting; please see our Dock Light Series.

OceanLED Marine
Underwater Lighting
Amphibian Pro Series



Underwater
AMPHIBIANS
Pro-Series

Tritonium™
Optical Technology



- 3/8" Hole in Hull
- Equal to 75w Halogen
- 12vDC ONLY
- 40,000+ Hour Life
- Chemically Resistant Polymer
- Twin Core Wire
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS		350		Tritonium
LIFE SPAN	12vDC	FIXTURE LUMENS	24° BEAM	OPTICAL LENS

Description	Color	Part #	UPC/EAN #
Amphibian A3 PRO Ultra White LEDs	 Ultra White	001-500355	5051803001379
Amphibian A3 PRO Ocean Blue LEDs	 Ocean Blue	001-500354	5051803001362
Amphibian A3 PRO Sea Green LEDs	 Sea Green	001-500356	5051803001386

Mounting Recommendations		A3 Pro
Boat size		up to 9m (30')
Transom spacing		0.5-1m (2-3')
Transom quantity		2-4
Hull spacing		0.5-1.2m (2-4')
Installation depth (to top of fixture)		10-20cm (4-8")
Technical		
Light output equivalent to		75W Halogen
Fixture Lumens* (total light output from a finished fixture)		350
Typical LED life expectancy		40,000+ Hours
Minimum-Maximum operating voltage DC		9-15vDC
Current / Amp draw (DC)		12vDC 0.5A
Approx. light penetration (avg. water quality)		4m (13')
Approx. Light penetration (perfect water quality)		up to 9+m (30')
Driver type		Internal
Physical		
Length of fixture		92mm (3 ⁵ / ₈ ")
Width of fixture		50mm (2")
Profile (height) of fixture		21.5mm (3/4")
Total weight		110grms (3.8oz)
Extension cable length (standard)		2m (6 ¹ / ₂ ")
Hole cut-out for cable entry		9mm (3/8")
Material		Chemically resistant optical polymer
Lens		Tritonium™ Optical Lens
Accessories		Part#
4 Way vDC Power Junction Box		001-500247
12v Remote Control Kit		001-600160
12/24v Remote Control Kit		001-600161

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Grade A Electrical-Opto Performance

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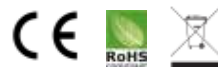


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Amphibian A6 Pro

Underwater Lighting Excellence

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Use underwater to attract fish and bait, light up your wake, and create incredible night time lighting effects.

Exceptionally easy to install on the transom or hull.

Maintenance is easy, just wipe away sea growth from the scratch resistant Tritonium™ glass lens.

Ultra low power draw, no start-up current required, reverse polarity protection.

Suitable for Fiberglass, GRP and wooden hulls up to 10m (35').

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OceanLED Marine
Underwater Lighting
Amphibian Pro Series



Underwater
AMPHIBIANS
Pro-Series




Tritonium™
Optical Technology



- 3/8" Hole in Hull
- Equal to 35w Xenon
- 12/24vDC
- 40,000+ Hour Life
- Chemically Resistant Polymer
- Twin Core Wire
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12vDC	700		Tritonium
LIFE SPAN	24vDC	FIXTURE LUMENS	36° BEAM	OPTICAL LENS

Description	Color	Part #	UPC/EAN #
Amphibian A6 PRO Ultra White LEDs	 Ultra White	001-500349	5051803001348
Amphibian A6 PRO Ocean Blue LEDs	 Ocean Blue	001-500348	5051803001331
Amphibian A6 PRO Sea Green LEDs	 Sea Green	001-500350	5051803001355

Mounting Recommendations	A6 Pro
Boat size	up to 10m (35')
Transom spacing	0.5-1.2m (2-4')
Transom quantity	2-4
Hull spacing	0.5-1.2m (2-4')
Installation depth (to top of fixture)	10-20cm (4-8")
Technical	
Light output equivalent to	35W Xenon
Fixture Lumens* (total light output from a finished fixture)	700
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	9-32VDC
Current / Amp draw (DC)	12VDC 0.9A, 24VDC 0.5A
Approx. light penetration (avg. water quality)	5m (16')
Approx. Light penetration (perfect water quality)	up to 13+m (42')
Driver type	Internal
Physical	
Length of fixture	155mm (6 ¹ / ₈ "
Width of fixture	50mm (2")
Profile (height) of fixture	21.5mm (3/4")
Total weight	155grms (5.4oz)
Extension cable length (standard)	2m (6 ¹ / ₂ "
Hole cut-out for cable entry	9mm (3/8")
Material	Chemically resistant optical polymer
Lens	Tritanium™ Optical Lens
Accessories	Part#
4 Way vDC Power Junction Box	001-500247
12v Remote Control Kit	001-600160
12/24v Remote Control Kit	001-600161

*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



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Back view:



EMC Tested
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LIGHT. YEARS AHEAD.

www.OceanLED.com



Amphibian A12 Pro

Underwater Lighting Excellence

Amphibian Pro Series are the brightest Amphibian LED lights. The A12Pro underwater light rivals any 50 watt Xenon on the market and with 8 times the power savings.

Use underwater to attract fish and bait, light up your wake, and create incredible night time lighting effects.

Exceptionally easy to install on the transom or hull.

Maintenance is easy, just wipe away sea growth from the scratch resistant Tritonium™ glass lens.

Ultra low power draw, no start-up current required, reverse polarity protection.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65').

Amphibian Pro Series is meant for underwater use on boats. For above water use choose Amphibian T-Series. Not intended for use as Dock Lighting; please see our Dock Light Series.

OceanLED Marine
Underwater Lighting
Amphibian Pro Series

Amphibians
pro

Underwater
AMPHIBIANS
Pro-Series




Tritonium™
Optical Technology



- 3/8" Hole in Hull
- Equal to 50w Xenon
- 12/24vDC
- 40,000+ Hour Life
- Chemically Resistant Polymer
- Twin Core Wire
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	12vDC	1300		Tritonium
LIFE SPAN	24vDC	FIXTURE LUMENS	36° BEAM	OPTICAL LENS

Description	Color	Part #	UPC/EAN #
Amphibian A12 PRO Ultra White LEDs	 Ultra White	001-500351	5051803001300
Amphibian A12 PRO Ocean Blue LEDs	 Ocean Blue	001-500352	5051803001317
Amphibian A12 PRO Sea Green LEDs	 Sea Green	001-500353	5051803001324

Mounting Recommendations	A12 Pro
Boat size	up to 20m (65')
Transom spacing	0.5-1.2m (2-4')
Transom quantity	2-6
Hull spacing	1-1.8m (3-6')
Installation depth (to top of fixture)	10-20cm (4-8")
Technical	
Light output equivalent to	50W Xenon
Fixture Lumens* (total light output from a finished fixture)	1300
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	9-32VDC
Current / Amp draw (DC)	12VDC 1.8A, 24VDC 0.9A
Approx. light penetration (avg. water quality)	7m (23')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
Driver type	Internal
Physical	
Length of fixture	182mm (7 ¹ / ₈ "
Width of fixture	82mm (3 ¹ / ₄ "
Profile (height) of fixture	35mm (1 ³ / ₈ "
Total weight	240grms (8.5oz)
Extension cable length (standard)	2m (6 ¹ / ₂ "
Hole cut-out for cable entry	9mm (3/8")
Material	Chemically resistant optical polymer
Lens	Tritanium™ Optical Lens
Accessories	Part#
4 Way vDC Power Junction Box	001-500247
12v Remote Control Kit	001-600160
12/24v Remote Control Kit	001-600161

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OceanLED Smart Light Technology

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Active Thermal Control

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Grade A Electrical-Opto Performance

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OceanLED 3-Star Binning Promise



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Back view:



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Hybrid 60i

Underwater Lighting Excellence

Hybrid Series all-in-one technology marks it as the first high powered underwater LED light without any external power supplies or driver boxes.

Hybrids have the most versatile mounting options for an underwater light – either surface mount the fixture on to the hull with a small 1" hole for cable access, or thread the optional thru hull locking stem on to the rear of the light body and use as a traditional thru hull fixture.

Hybrids yield ultra-high light output, the 60i is equivalent to any 100w Xenon underwater light and competing high powered LED light on the market.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65'), and also suitable for aluminium/steel hulls using the Delrin Isolation Sleeve accessory.

OceanLED Marine
Underwater Lighting
Hybrid Series

Underwater
GRP / WOODEN HULL
Hybrid Series




Tritonium™
Optical Technology



- All-in-One Technology
- Versatile Mounting Options
- Ultra-High Light Output - equal to 100w Xenon
- 12/24vDC
- 40,000+ Hour Life
- Aluminium Bronze AB2
- Plug & Play
- Factory Sealed Unit
- No Breakable Parts
- Reverse Polarity Protected

Quick Specs

40K HOURS	12vDC	2200	BUILT-IN DRIVER	VERSATILE MOUNTING		Tritonium	REVERSE POLARITY PROTECTION
LIFE SPAN	24vDC	FIXTURE LUMENS	ALL-IN-ONE TECHNOLOGY	SURFACE MOUNT OR THRU-HULL	60° BEAM	OPTICAL LENS	

Description	Color	Part #	UPC/EAN #
Hybrid 60i Ultra White LEDs	 Ultra White	004-000003	5051803003151
Hybrid 60i Midnight Blue LEDs	 Midnight Blue	004-000004	5051803003168
Hybrid 60i Sea Green LEDs	 Sea Green	004-000005	5051803003175

Mounting Recommendations		Hybrid 60i
Boat size		up to 20m (65')
Transom spacing		1-1.5m (3-5')
Transom quantity		2-6
Hull spacing		1-1.8m (3-6')
Maximum hull thickness		90mm (3 ^{1/2} "
Installation depth (to top of fixture)		200-250mm (8-10")
Technical		
Light output equivalent to		100W Xenon
Fixture Lumens* (total light output from a finished fixture)		2200
Typical LED life expectancy		40,000+ Hours
Minimum-Maximum operating voltage DC		9-32vDC
Current / Amp draw (DC)		12vDC 3A, 24vDC 1.5A
Approx. light penetration (avg. water quality)		8m (26')
Approx. Light penetration (perfect water quality)		up to 22+m (72')
Physical		
Diameter of fixture		142mm (5 ^{19/32} "
Profile (height) of fixture		23mm (29/32")
Total weight		1.6kgs (3.52lbs)
Cable length		5m (16')
Hole cut-out for cable entry		26mm (1")
Material		Aluminium Bronze AB2 and Polyacetal
Lens		Tritonium™ Optical Lens
Accessories		Part#
Hybrid 60i Thru-Hull Stem		004-000009
Hybrid 60i Delrin Isolation Sleeve (metal hull installs)		004-000007
4 Way vDC Power Junction Box		001-500247
12v Remote Control Kit		001-600160
12/24v Remote Control Kit		001-600161

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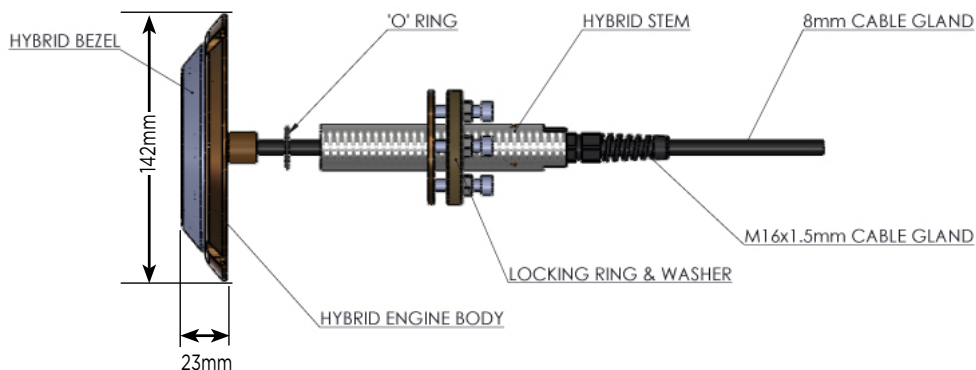


Diagram illustrating assembly of Hybrid with optional thru-hull stem kit.

OceanLED Smart Light Technology

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Active Thermal Control

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Grade A Electrical-Opto Performance

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OceanLED 3-Star Binning Promise

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Contents include:

- 3 x No. 8 A4 Stainless Steel Posi Pan Head S/tap screws
- 3 x delrin screw isolating bushings



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Delrin Isolation Sleeve

Underwater Lighting Excellence

When a weld-in underwater lighting fixture is not an option, use the **Delrin Isolation Sleeve** to isolate the underwater light from the aluminum or steel hull.

Designed as an accessory to the Hybrid Series underwater light range.

OceanLED Marine
Marine Lighting
Accessories

Accessories

HYBRID SERIES
Delrin Sleeve



- $\frac{13}{8}$ " (34mm) Hole in Hull for Hybrid Series models 60i

Description	Part #	UPC/EAN #
Hybrid 60i Delrin Isolation Sleeve	004-000007	5051803003342

Delrin Isolation Sleeve also available for Pro Series Thru-Hull, Flush Mount and XFM models, and EYES Ocean Camera. See SPEC DELRIN THRUHULL, SPEC DELRIN FLUSHMOUNT, SPEC DELRIN XFM.

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OceanLED SPEC DELRIN HYBRID / 110912 / v3.1

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2010TH **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 130% brighter than its predecessor using the latest High Definition LEDs. The 2010TH HD with a 1 inch (30mm) profile head and brightness equivalent to 150w HID/Metal Halide lights make it ideal for transom mount applications.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65') using 2-6 lights with spacing of 3-5' (1-1.5m). 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 2010TH **HD LED**




Tritonium
Optical Technology



- 1" Hole in Hull
- 2.3x Brighter than the Original 2010
- Equal to 150w 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	4200		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 2010TH HD Ultra White LEDs w/Linear Optics	 Ultra White	001-500580	5051803003717
Pro Series 2010TH HD Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500582	5051803003731
Pro Series 2010TH HD Sea Green LEDs w/Linear Optics	 Sea Green	001-500584	5051803003755

Mounting Recommendations	2010TH HD
Boat size	up to 20m (65')
Transom spacing	1-1.5m (3-5')
Transom quantity	2-6
Hull spacing	1-1.8m (3-6')
Maximum hull thickness	90mm (3 1/2")
Installation depth (to top of fixture)	200-250mm (8-10")
Technical	
Light output equivalent to	150W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	4200
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 3.5A, 24vDC 1.7A
Current / Amp draw (AC/optional)	110vAC 50/60HZ 0.38A 240vAC 50/60HZ 0.18A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
Driver type	External
Driver size (L x W x H)	140 x 65 x 40mm (5 1/2 x 2 1/2 x 1 1/2")
Physical	
Diameter of fixture	140mm (5 1/2")
Profile (height) of fixture	30.8mm (1 7/32")
Total weight including electrical driver	2.5kgs (5.5lbs)
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
2010TH HD Delrin Isolation Sleeve (metal hull installs)	001-500164

*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

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Active Thermal Control

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Grade A Electrical-Opto Performance

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Contents include:

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



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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° PRIMARY/SECONDARY BEAM	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 ¹³ / 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

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Grade A Electrical-Opto Performance

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Contents include:

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



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Colours TH **HD** Thru-Hull

High Definition Underwater Lighting Excellence

Colours from OceanLED is the first high-powered color change underwater light for boats that allows boat owners to choose the colour of their lights from an unlimited colour pallet. Colours TH (Thru-Hull) HD light output is equivalent to 150w HID/Metal Halide underwater lights using 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 colour scenes to set the mood, enhance an onboard event, strobe to attract fish, or even change colour with the time of day.

Colours TH HD with the world's smallest hole cut-out for a thru hull light at only 1", and 1" (30mm) profile head, make it ideal for transom mount applications.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65') using 2-6 lights with spacing of 3-5' (1-1.5m). Deutsch plug-and-play quick connectors make this light a quick fit.

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

See additional required parts for Colours models on reverse.

NEW!

OceanLED Marine
Underwater Lighting
Pro Series **HD**

COLOURS

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

Tritonium™
Optical Technology

- 1" Hole in Hull
- 2.3x Brighter than the Original 2010
- Equal to 150w HID/Metal Halide
- 110-240vAC
- 40,000+ Hour Life
- Aluminium Bronze AB2
- Plug & Play
- Factory Sealed Unit
- No Breakable Parts

Quick Specs

40K HOURS	110vAC		Tritonium	REVERSE POLARITY PROTECTION	DMX COMPATIBLE
LIFE SPAN	240vAC	60/140° PRIMARY/SECONDARY BEAM	OPTICAL LENS		

Description	Color	Part #	UPC/EAN #
Pro Series Thru-Hull HD Colours LEDs w/Linear Optics	Colours	001-500709	5051803004868

***See additional required parts on reverse>>>**

Mounting Recommendations	Colours TH HD
Boat size	up to 20m (65')
Transom spacing	1-1.5m (3-5')
Transom quantity	2-6
Hull spacing	1-1.8m (3-6')
Maximum hull thickness	90mm (3 1/2")
Installation depth (to top of fixture)	200-250mm (8-10")
Technical	
Light output equivalent to	150W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	4200
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage AC (AC/only)	90-270vAC
Current / Amp draw (AC/only)	110vAC 50/60HZ 1.1A 240vAC 50/60HZ 0.5A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
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	140mm (5 1/2")
Profile (height) of fixture	30.8mm (1 7/32")
Total weight including electrical driver	2.5kgs (5.5lbs)
Extension cable length (standard-hard wired to light)	2m (6'2")
Hole cut-out for cable entry	26mm (1")
Material	Aluminium Bronze AB2
Lens	Tritonium™ Optical Lens
Accessories	Part#
2m (6.5') Plug & Play Extension Cable	001-600001
6m (19.5') Plug & Play Extension Cable	001-600003
IP68 Ethernet DIY Cap	001-500466
Locking Nut Kit for All Thru-Hull Models	001-500029
2010TH/Colours TH HD Delrin Isolation Sleeve (metal hull installs)	001-500164
Mains Voltage AC/DMX Driver for HD Colours Series	001-600082
*Add'l required parts for Colours models	Part#
Ethernet Colours Connection Cable (3 Meters)	001-500594
Colours Terminator Kit	001-500467
DMX Touch Panel Controller	001-500596
DMX Wifi Touch Panel Controller	001-500598

***REQUIRED PARTS FOR COLOURS models:** One (1) Ethernet Colours Connection Cable for each driver-to-driver connection, and (1) Colours Terminator Kit per set-up is required when installing Colours models, along with one (1) DMX Touch Panel Controller. So for example, when installing four (4) Colours lights and drivers you will need three (3) Ethernet Colours Connection Cables connecting the drivers, and one (1) Colours Terminator Kit on the last driver, as well as (1) DMX Touch Panel. See above for these required parts; see the Pro Series HD Installation Manual for complete information.

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

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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 AC Driver
- 2m/6' Connection Cable



EMC Tested
EN60945 compliant-2004/108/EC

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LIGHT. YEARS AHEAD.

www.OceanLED.com



DMX Touch Panel Controller

Changing the Underwater Lighting Spectrum

DMX Touch Panel Controller lets you control the color of your Pro Series HD Colours underwater lights at the touch of a button. This touch sensitive intelligent control keypad enables the user to easily program up to 8 lighting effects with a choice of up to 6 million colors.

The Colours application includes a strobe feature which can be used to attract fish, strobe to music by incorporating into your existing on-board sound system, or flash a warning using the panic mode feature.

For wifi control, see the DMX Wifi Touch Panel Controller.

NEW!

OceanLED Marine
Marine Lighting
Accessories



DMX
Touch Panel
Controller



- 128 individually addressable lighting fixtures as standard
- 5.5 - 12vDC
- Touch sensitive intelligent control
- Splash resistant
- Compatible with OceanLED Pro Series HD Colours models
- Easy to use
- Unlimited memory

Quick Specs

6 MILLION	ESA / ESA2	WALL MOUNT-ABLE	IP	8	5.5 - 12	BUILT-IN HARD DRIVE
COLORS	SOFTWARE		20	DYNAMIC /STATIC SCENES	vDC	

Description	Part #	UPC/EAN #
DMX Touch Panel Controller	001-500596	5051803003878

Specifications	DMX Touch Panel Controller
Power Supply	From 5.5v to 12vDC (AC/DC adapter in option)
Software	ESA on PC/Windows ESA2 only on PC/MAC
Computer Requirement	Windows XP/VISTA/SEVEN 32/64 bits and USB 2.0 (MAC OSx ESA2 only soon)
Connections	Power (2 pins) DMX (3 pins) Port (2 pins) Micro-usb
Certifications	EC, EMC, ROHS, ETL, UL (some in process)
Operating Temperature	0°C to 50°C
Physical Specifications	
Dimensions	86 x 86 x 10mm
Weight	130g

Contents include:

- 1 S.T.I.C.K hardware
- 1 software: ESA/ESA2
- 1 user manual
- 1 mini USB cable
- 1 power supply with connector block for DMX connection
- 1 IP68 pre-rigged cable



Available Memory	
Channels	Steps
8	326
16	192
32	102
48	68
64	50
80	38
96	31
112	25
128	21

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DMX Wifi Touch Panel Controller

Changing the Underwater Lighting Spectrum

DMX Wifi Touch Panel Controller lets you control the color of your Pro Series HD Colours underwater lights at the touch of a button. This touch sensitive intelligent control keypad enables the user to easily program more than 40 lighting effects with a choice of up to 16 million colors.

The Colours application includes a strobe feature which can be used to attract fish or flash a warning using the panic mode feature.

The wifi controller can be easily programmed to create individual colour scenes, which can then be selected at the touch of a button. With more than 40 dynamic or static scenes and live setting of the intensity and colour of a scene, any boat owner can turn their Pro Series Colours HD underwater lights into an integrated part of your boating experience. With onboard wifi, Colours can also be controlled via mobile devices such as an iPhone, iPad, or Android.

NEW!

OceanLED Marine
Marine Lighting
Accessories



DMX
Wifi Touch Panel
Controller



- 128 individually addressable lighting fixtures as standard
- 9vDC
- Touch sensitive intelligent control
- Splash resistant
- Compatible with OceanLED Pro Series Colours HD
- Wifi compatible
- Easy to use

Quick Specs

16 MILLION	ESA	WALL MOUNT-ABLE	IP	40+	9	WIFI COMPAT-IBLE
COLORS	SOFTWARE		20	DYNAMIC /STATIC SCENES	vDC	

Description	Part #	UPC/EAN #
DMX Wifi Touch Panel Controller	001-500598	5051803003892

Technical info		DMX Wifi Touch Panel Controller
Power Supply		9vDC 0.65A
Software		ESA + ESA PRO on PC/Windows ESA2 only on PC + MAC
Application		ARCOLIS + STICK REMOTE on iPhone/iPad/Android
Controller		Comes with infra red remote control to control the stick with direct line of sight up to 30 feet
Wifi*		Wifi app available for smart phones and tablet devices. *Requires external wifi router.
Router		Easy connection to router via RJ45 on back of receiver
Standards		EC, EMC, ROHS, ETL, UL (some in process)
Dimming		Available
Operating Temperature		-10°C to 50°C
Physical Specifications		
Dimensions		168 x 128 x 11.5mm
Weight		0.2kg (0.44 lbs)
Image Size		Standard 150 x 110mm picture

Contents include:

- 1 S.T.I.C.K hardware
- 1 software: ESA, ESA PRO, SUITE2 and DMX recorder
- 1 user manual
- 1 mini USB cable
- 1 mini SD card and 1 adapter
- 1 9V power supply with connector block for DMX connection
- 1 Pre-rigged waterproof ethernet cable



Specifications / Connections		Built-in features	Screw-terminal rear connector (9 pins)	Extension socket rear connectors (2x10 pins)	Front access connections (open cover)
Power Supply	9vDC 0.65A, supplied		*		USB
DMX Output #1	First universe, 512 channels DMX512 output		*		
DMX Output #2	Second universe, 512 channels DMX512 output			*	
USB	USB 2.0 communication for PC/MAC/ software				*
Ethernet	Advanced networking features	*			
Ports 1,2,3,4	4 Contact closure inputs, connect to ground for operating		*	*	
Ports 5,6,7,8	4 Contact closure inputs, connect to ground for operating			*	
User Interface	14 buttons, 1 fader, 28 leds (touch-sensitive keypad)	*			power/data leds
SD Card	Micro sd card for stand alone memory use				*
RESET	Push button for reset operation				*
RS232	RS232 Serial communication for external synchronisation			*	
Output relay	Automatic stand by 5V signal			*	
Clock	Real time clock and calendar, 10 minutes saving without power	*			
Infrared Receiver	Easy learning triggering from any 36Khz remote control	*			

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Delrin Isolation Sleeve

Underwater Lighting Excellence

When a weld-in underwater lighting fixture is not an option, use the **Delrin Isolation Sleeve** to isolate the underwater light or camera from the aluminum or steel hull.

Designed as an accessory to the Pro-Series Thru-Hull underwater light range and Eyes underwater camera.

OceanLED Marine
Marine Lighting
Accessories

Accessories

PRO-SERIES THRU-HULL/EYES
Delrin Sleeve



- 1³/₈" (34mm) Hole in Hull for Pro-Series Thru-Hull models 2010, 3010, Colours TH and Eyes camera

Description	Part #	UPC/EAN #
Pro Series 2010 Thru-Hull Delrin Isolation Sleeve	001-500164	5051803001102
Pro Series 3010 Thru-Hull Delrin Isolation Sleeve	001-500165	5051803001119
Eyes Underwater Camera Delrin Isolation Sleeve	001-500339	5051803001881

Delrin Isolation Sleeve also available for Pro Series HD Flush Mount and XFM models, and Hybrid Series. See SPEC DELRIN FLUSHMOUNT, DELRIN XFM, DELRIN HYBRID.

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2010FM **HD** Flush Mount

High Definition Underwater Lighting Excellence

Flush Mount HD has an exceptionally low profile giving it virtually unlimited hull mounting options. This light can be retrofitted into most existing underwater lighting hole cut-outs, offering immediate benefits of no startup power surge, low heat, minimal maintenance and improved light output.

The 2010FM HD with the brightness equivalent to 150w HID/Metal Halide lights make it ideal for transom mount applications.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65') using 2-6 lights with spacing of 3-5' (1-1.5m). 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 2010FM **HD LED**

Tritonium™
Optical Technology



- 3 1/4" Hole - Easy to Retrofit
- 2.3x Brighter than the Original 2010
- Equal to 150w 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	4200		Tritonium	REVERSE POLARITY PROTECTION
LIFE SPAN	24vDC	AC UPGRADE	FIXTURE LUMENS	60/140° PRIMARY/SECONDARY BEAM	OPTICAL LENS	

Description	Color	Part #	UPC/EAN #
Pro Series 2010FM HD Ultra White LEDs w/Linear Optics	 Ultra White	001-500601	5051803003922
Pro Series 2010FM HD Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500603	5051803003946
Pro Series 2010FM HD Sea Green LEDs w/Linear Optics	 Sea Green	001-500605	5051803003960

Mounting Recommendations	2010FM HD
Boat size	up to 20m (65')
Transom spacing	1-1.5m (3-5')
Transom quantity	2-6
Hull spacing	1-1.8m (3-6')
Hull quantity	2-6/side
Maximum hull thickness	90mm (3 ^{1/2} "
Installation depth (to top of fixture)	200-250mm (8-10")
Technical	
Light output equivalent to	150W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	4200
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 3.5A, 24vDC 1.7A
Current / Amp draw (AC/optional)	110vAC 50/60HZ 0.38A 240vAC 50/60HZ 0.18A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
Driver type	External
Driver size (L x W x H)	140 x 65 x 40mm (5 ^{1/2} x 2 ^{1/2} x 1 ^{1/2} "
Physical	
Diameter of fixture	125mm (5")
Profile (height) of fixture	13.8mm (35/64")
Total weight including electrical driver	2.8kgs (6.2lbs)
Extension cable length (standard-hard wired to light)	2m (6 ^{1/2})
Hole cut-out for cable entry	80mm (3 ^{1/4} "
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 2010 FM	050-000031
2010FM HD Delrin Isolation Sleeve (metal hull installs)	001-500170

*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

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OceanLED 3-Star Binning Promise

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Contents include:

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



EMC Tested
EN60945 compliant-2004/108/EC

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3010FM **HD** Flush Mount

High Definition Underwater Lighting Excellence

Flush Mount HD has an exceptionally low profile giving it virtually unlimited hull mounting options. This light can be retrofitted into most existing underwater lighting hole cut-outs, offering immediate benefits of no startup power surge, low heat, minimal maintenance and improved light output.

The 3010FM HD with the 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 3010FM **HD**
LED

Tritonium
Optical Technology



- 3 1/2" Hole - Easy to Retrofit
- 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° PRIMARY/SECONDARY BEAM	OPTICAL LENS	

Description	Color	Part #	UPC/EAN #
Pro Series 3010FM HD Ultra White LEDs w/Linear Optics	 Ultra White	001-500608	5051803003991
Pro Series 3010FM HD Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500610	5051803004011
Pro Series 3010FM HD Sea Green LEDs w/Linear Optics	 Sea Green	001-500612	5051803004035

Mounting Recommendations	3010FM HD
Boat size	over 20m (65')
Transom spacing	1-1.8m (3-6')
Transom quantity	4+
Hull spacing	1.2-2.4m (4-8')
Hull quantity	4+/side
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	140mm (5.5")
Profile (height) of fixture	13.4mm (33/64")
Total weight including electrical driver	4.7kgs (10.4lbs)
Extension cable length (standard-hard wired to light)	2m (6' ²)
Hole cut-out for cable entry	90mm (3' ²)
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 3010 FM	050-000032
3010FM HD Delrin Isolation Sleeve (metal hull installs)	001-500171

*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

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Active Thermal Control

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Grade A Electrical-Opto Performance

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OceanLED 3-Star Binning Promise

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Contents include:

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



EMC Tested
EN60945 compliant-2004/108/EC



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Delrin Isolation Sleeve

Underwater Lighting Excellence

When a weld-in underwater lighting fixture is not an option, use **the Delrin Isolation Sleeve** to isolate the underwater light from the aluminum or steel hull.

Designed as an accessory to the Pro-Series Flush Mount underwater light range.

OceanLED Marine
Marine Lighting
Accessories

Accessories

PRO-SERIES FLUSH MOUNT
Delrin Sleeve



- 3¹/₄" (80mm) Hole in Hull for Pro-Series 2010HD Flush Mount
- 4¹/₄" (108mm) Hole in Hull for Pro-Series 3010HD Flush Mount

Description	Part #	UPC/EAN #
Pro Series 2010 Flush Mount Delrin Isolation Sleeve	001-500170	5051803001140
Pro Series 3010 Flush Mount Delrin Isolation Sleeve	001-500171	5051803001157

Delrin Isolation Sleeve also available for Pro Series HD Thru-Hull and EYES Ocean Camera, Pro Series HD XFM models, and Hybrid Series. See SPEC DELRIN THRUHULL, SPEC DELRIN XFM, SPEC DELRIN HYBRID.

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OceanLED Marine
Underwater Lighting
Pro Series **HD**

Underwater
GRP / WOODEN HULL
Pro Series 2010XFM **HD LED**

Tritonium
Optical Technology



2010XFM **HD** Xchangeable Flush Mount

High Definition Underwater Lighting Excellence

Xchangeable Flush Mount is the newest body style within the Pro Series HD range, designed to be exchanged without hauling should servicing ever be needed. XFM features an exceptionally low profile giving it virtually unlimited hull mounting options and can be retrofitted into most existing underwater lighting hole cut-outs, offering immediate benefits of no startup power surge, low heat, minimal maintenance and improved light output.

The 2010XFM HD with the brightness equivalent to 150w HID/Metal Halide products is 130% brighter than earlier model 2010's using the latest High Definition LEDs.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65') using 2-6 lights with spacing of 3-5' (1-1.5m). Deutsch plug-and-play quick connectors make this light a quick fit.

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

- Xchangeable from Inside the Hull
- 2.3x Brighter than the Original 2010
- Equal to 150w HID/Metal Halide
- 4" Hole
- 12/24vDC (AC Upgrade Option)
- 40,000+ Hour Life
- Aluminium Bronze AB2 Bezel/ Hard Anodized Aluminium Body
- Plug & Play
- Factory Sealed Unit

Quick Specs

40K HOURS	12vDC	110vAC 240vAC	4200		Tritonium	REVERSE POLARITY PROTECTION	IN WATER REFITTING
LIFE SPAN	24vDC	AC UPGRADE	FIXTURE LUMENS	60/140° PRIMARY/SECONDARY BEAM	OPTICAL LENS		

Description	Color	Part #	UPC/EAN #
Pro Series 2010XFM HD Ultra White LEDs w/Linear Optics	 Ultra White	001-500622	5051803004134
Pro Series 2010XFM HD Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500624	5051803004158
Pro Series 2010XFM HD Sea Green LEDs w/Linear Optics	 Sea Green	001-500626	5051803004172

Mounting Recommendations	2010XFM HD
Boat size	up to 20m (65')
Transom spacing	1-1.5m (3-5')
Transom quantity	2-6
Hull spacing	1-1.8m (3-6')
Hull quantity	4+/side
Maximum hull thickness	100mm (4")
Installation depth (to top of fixture)	250-300mm (10-12")
Technical	
Light output equivalent to	150W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	4200
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	18-32vDC
Minimum-Maximum operating voltage AC (AC/optional)	90-270vAC
Current / Amp draw (DC)	12vDC 3.5A, 24vDC 1.7A
Current / Amp draw (AC/optional)	110vAC 50/60HZ 0.38A 240vAC 50/60HZ 0.18A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
Driver type	External
Driver size (L x W x H)	140 x 65 x 40mm (5 1/2 x 2 1/2 x 1 1/2")
Physical	
Diameter of fixture	160mm (6 19/64")
Profile (height) of fixture	17.8mm (45/64")
Total weight including electrical driver	5.1kgs (11.2lbs)
Extension cable length (standard-hard wired to light)	2m (6' 7")
Hole cut-out for cable entry	100mm (4")
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 2010 XFM	001-500398
2010 XFM/Colours XFM HD Delrin Isolation Sleeve (metal hull installs)	001-500573

*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 Marine
Underwater Lighting
Pro Series **HD**

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

Tritonium™
Optical Technology



3010XFM HD Xchangeable Flush Mount

High Definition Underwater Lighting Excellence

Xchangeable Flush Mount is the newest body style within the Pro Series HD range, designed to be exchanged without hauling should servicing ever be needed. XFM features an exceptionally low profile giving it virtually unlimited hull mounting options and can be retrofitted into most existing underwater lighting hole cut-outs, offering immediate benefits of no startup power surge, low heat, minimal maintenance and improved light output.

The 3010XFM HD with the brightness equivalent to 250w HID/Metal Halide products is 100% brighter than earlier model 3010's using the latest High Definition LEDs.




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.

- Xchangeable from Inside the Hull
- 2x Brighter than the Original 3010
- Equal to 250w HID/Metal Halide
- 4 1/2" Hole
- 12/24vDC (AC Upgrade Option)
- 40,000+ Hour Life
- Aluminium Bronze AB2 Bezel/ Hard Anodized Aluminium Body
- Plug & Play
- Factory Sealed Unit

Quick Specs

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

Description	Color	Part #	UPC/EAN #
Pro Series 3010XFM HD Ultra White LEDs w/Linear Optics	 Ultra White	001-500629	5051803004202
Pro Series 3010XFM HD Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500631	5051803004226
Pro Series 3010XFM HD Sea Green LEDs w/Linear Optics	 Sea Green	001-500633	5051803004240

Mounting Recommendations	3010XFM HD
Boat size	over 20m (65')
Transom spacing	1-1.8m (3-6')
Transom quantity	4+
Hull spacing	1.2-2.4m (4-8')
Hull quantity	4+/side
Maximum hull thickness	100mm (4")
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 (AC/optional)	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	180mm (7 ^{5/64} ")
Profile (height) of fixture	16mm (5/8")
Total weight including electrical driver	6.7kgs (14.7lbs)
Extension cable length (standard-hard wired to light)	2m (6' ^{2/3})
Hole cut-out for cable entry	114mm (4' ^{1/2} ")
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 3010 XFM	001-500399
3010XFM HD Delrin Isolation Sleeve (metal hull installs)	001-500575

*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

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OceanLED 3-Star Binning Promise

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Contents include:

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



EMC Tested
EN60945 compliant-2004/108/EC



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Colours XFM **HD** Xchangeable Flush Mount

High Definition Underwater Lighting Excellence

Colours from OceanLED is the first high-powered color change underwater light for boats that allows boat owners to choose the colour of their lights from an unlimited colour pallet. Colours XFM (Xchangeable Flush Mount) HD light output is equivalent to 150w HID/Metal Halide underwater lights using 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 colour scenes to set the mood, enhance an onboard event, strobe to attract fish, or even change colour with the time of day.

Colours XFM HD model has an exceptionally low profile giving it virtually unlimited hull mounting options with a very simple installation.

Suitable for Fiberglass, GRP and wooden hulls up to 20m (65') using 2-6 lights with spacing of 3-5' (1-1.5m). Deutsch plug-and-play quick connectors make this light a quick fit.

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

See additional required parts for Colours models on reverse.

OceanLED Marine
Underwater Lighting
Pro Series **HD**

COLOURS

Underwater
GRP / WOODEN HULL
Pro Series Colours XFM **HD**
LED

Tritonium™
Optical Technology



- Xchangeable from Inside the Hull
- Equal to 150w HID/Metal Halide
- 4" (100mm) Hole
- 110-240vAC
- 40,000+ Hour Life
- Aluminium Bronze AB2 Bezel/
Hard Anodized Aluminium Body
- Plug & Play
- Factory Sealed Unit

Quick Specs

40K HOURS	110vAC		Tritonium	REVERSE POLARITY PROTECTION	IN WATER REFITTING	DMX COMPATIBLE
LIFE SPAN	240vAC	60/140° PRIMARY/SECONDARY BEAM	OPTICAL LENS			

Description	Color	Part #	UPC/EAN #
Pro Series XFM HD Colours LEDs w/Linear Optics	 Colours	001-500628	5051803004196

***See additional required parts on reverse>>>**

Mounting Recommendations	Colours XFM HD
Boat size	up to 20m (65')
Transom spacing	1-1.5m (3-5')
Transom quantity	2-6
Hull spacing	1-1.8m (3-6')
Hull quantity	4+/side
Maximum hull thickness	100mm (4")
Installation depth (to top of fixture)	250-300mm (10-12")
Technical	
Light output equivalent to	150W HID Metal Halides
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage AC (AC/only)	90-270vAC
Current / Amp draw (AC/only)	110vAC 50/60HZ 1.1A 240vAC 50/60HZ 0.5A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
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	160mm (6 ^{19/64} ")
Profile (height) of fixture	17.8mm (45/64")
Total weight including electrical driver	9.1kgs (20lbs)
Extension cable length (standard-hard wired to light)	2m (6 ^{1/2} ")
Ethernet Colours Connection Cable	3 Meters
Hole cut-out for cable entry	100mm (4")
Material	Aluminium Bronze AB2
Lens	Tritonium™ Optical Lens
Accessories	Part#
2m (6.5') Plug & Play Extension Cable	001-600001
6m (19.5') Plug & Play Extension Cable	001-600003
IP68 Ethernet DIY Cap	001-500466
Locking Nut Kit for 2010XFM/Colours XFM	001-500398
2010 XFM/Colours XFM HD Delrin Isolation Sleeve (metal hull installs)	001-500573
Mains Voltage AC/DMX Driver for HD Colours Series	001-600082
*Add'l required parts for Colours models	Part#
Ethernet Colours Connection Cable (3 Meters)	001-500594
Colours Terminator Kit	001-500467
DMX Touch Panel Controller	001-500596
DMX Wifi Touch Panel Controller	001-500598

***REQUIRED PARTS FOR COLOURS models:** One (1) Ethernet Colours Connection Cable for each driver-to-driver connection, and (1) Colours Terminator Kit per set-up is required when installing Colours models, along with one (1) DMX Touch Panel Controller. So for example, when installing four (4) Colours lights and drivers you will need three (3) Ethernet Colours Connection Cables connecting the drivers, and one (1) Colours Terminator Kit on the last driver, as well as (1) DMX Touch Panel. See above for these required parts; see the Pro Series HD Installation Manual for complete information.

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OceanLED Smart Light Technology

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Active Thermal Control

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Grade A Electrical-Opto Performance

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OceanLED 3-Star Binning Promise



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Contents include:

- Colours AC Driver
- 2m/6' Connection Cable



EMC Tested
EN60945 compliant-2004/108/EC



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DMX Touch Panel Controller

Changing the Underwater Lighting Spectrum

DMX Touch Panel Controller lets you control the color of your Pro Series HD Colours underwater lights at the touch of a button. This touch sensitive intelligent control keypad enables the user to easily program up to 8 lighting effects with a choice of up to 6 million colors.

The Colours application includes a strobe feature which can be used to attract fish, strobe to music by incorporating into your existing on-board sound system, or flash a warning using the panic mode feature.

For wifi control, see the DMX Wifi Touch Panel Controller.

NEW!

OceanLED Marine
Marine Lighting
Accessories



DMX
Touch Panel
Controller



- 128 individually addressable lighting fixtures as standard
- 5.5 - 12vDC
- Touch sensitive intelligent control
- Splash resistant
- Compatible with OceanLED Pro Series HD Colours models
- Easy to use
- Unlimited memory

Quick Specs

6 MILLION	ESA / ESA2	WALL MOUNT-ABLE	IP	8	5.5 - 12	BUILT-IN HARD DRIVE
COLORS	SOFTWARE		20	DYNAMIC /STATIC SCENES	vDC	

Description	Part #	UPC/EAN #
DMX Touch Panel Controller	001-500596	5051803003878

Specifications	DMX Touch Panel Controller
Power Supply	From 5.5v to 12vDC (AC/DC adapter in option)
Software	ESA on PC/Windows ESA2 only on PC/MAC
Computer Requirement	Windows XP/VISTA/SEVEN 32/64 bits and USB 2.0 (MAC OSx ESA2 only soon)
Connections	Power (2 pins) DMX (3 pins) Port (2 pins) Micro-usb
Certifications	EC, EMC, ROHS, ETL, UL (some in process)
Operating Temperature	0°C to 50°C
Physical Specifications	
Dimensions	86 x 86 x 10mm
Weight	130g

Contents include:

- 1 S.T.I.C.K hardware
- 1 software: ESA/ESA2
- 1 user manual
- 1 mini USB cable
- 1 power supply with connector block for DMX connection
- 1 IP68 pre-rigged cable



Available Memory	
Channels	Steps
8	326
16	192
32	102
48	68
64	50
80	38
96	31
112	25
128	21

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DMX Wifi Touch Panel Controller

Changing the Underwater Lighting Spectrum

DMX Wifi Touch Panel Controller lets you control the color of your Pro Series HD Colours underwater lights at the touch of a button. This touch sensitive intelligent control keypad enables the user to easily program more than 40 lighting effects with a choice of up to 16 million colors.

The Colours application includes a strobe feature which can be used to attract fish or flash a warning using the panic mode feature.

The wifi controller can be easily programmed to create individual colour scenes, which can then be selected at the touch of a button. With more than 40 dynamic or static scenes and live setting of the intensity and colour of a scene, any boat owner can turn their Pro Series Colours HD underwater lights into an integrated part of your boating experience. With onboard wifi, Colours can also be controlled via mobile devices such as an iPhone, iPad, or Android.

NEW!

OceanLED Marine
Marine Lighting
Accessories



DMX
Wifi Touch Panel
Controller



- 128 individually addressable lighting fixtures as standard
- 9vDC
- Touch sensitive intelligent control
- Splash resistant
- Compatible with OceanLED Pro Series Colours HD
- Wifi compatible
- Easy to use

Quick Specs

16 MILLION	ESA	WALL MOUNT-ABLE	IP	40+	9	WIFI COMPAT-IBLE
COLORS	SOFTWARE		20	DYNAMIC /STATIC SCENES	vDC	

Description	Part #	UPC/EAN #
DMX Wifi Touch Panel Controller	001-500598	5051803003892

Technical info		DMX Wifi Touch Panel Controller
Power Supply		9vDC 0.65A
Software		ESA + ESA PRO on PC/Windows ESA2 only on PC + MAC
Application		ARCOLIS + STICK REMOTE on iPhone/iPad/Android
Controller		Comes with infra red remote control to control the stick with direct line of sight up to 30 feet
Wifi*		Wifi app available for smart phones and tablet devices. *Requires external wifi router.
Router		Easy connection to router via RJ45 on back of receiver
Standards		EC, EMC, ROHS, ETL, UL (some in process)
Dimming		Available
Operating Temperature		-10°C to 50°C
Physical Specifications		
Dimensions		168 x 128 x 11.5mm
Weight		0.2kg (0.44 lbs)
Image Size		Standard 150 x 110mm picture

Contents include:

- 1 S.T.I.C.K hardware
- 1 software: ESA, ESA PRO, SUITE2 and DMX recorder
- 1 user manual
- 1 mini USB cable
- 1 mini SD card and 1 adapter
- 1 9V power supply with connector block for DMX connection
- 1 Pre-rigged waterproof ethernet cable



Specifications / Connections		Built-in features	Screw-terminal rear connector (9 pins)	Extension socket rear connectors (2x10 pins)	Front access connections (open cover)
Power Supply	9vDC 0.65A, supplied		*		USB
DMX Output #1	First universe, 512 channels DMX512 output		*		
DMX Output #2	Second universe, 512 channels DMX512 output			*	
USB	USB 2.0 communication for PC/MAC/ software				*
Ethernet	Advanced networking features	*			
Ports 1,2,3,4	4 Contact closure inputs, connect to ground for operating		*	*	
Ports 5,6,7,8	4 Contact closure inputs, connect to ground for operating			*	
User Interface	14 buttons, 1 fader, 28 leds (touch-sensitive keypad)	*			power/data leds
SD Card	Micro sd card for stand alone memory use				*
RESET	Push button for reset operation				*
RS232	RS232 Serial communication for external synchronisation			*	
Output relay	Automatic stand by 5V signal			*	
Clock	Real time clock and calendar, 10 minutes saving without power	*			
Infrared Receiver	Easy learning triggering from any 36Khz remote control	*			

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Delrin Isolation Sleeve

Underwater Lighting Excellence

When a weld-in underwater lighting fixture is not an option, use the **Delrin Isolation Sleeve** to isolate the underwater light from the aluminum or steel hull.

Designed as an accessory to the Pro-Series Xchangeable Flush Mount underwater light range.

OceanLED Marine
Marine Lighting
Accessories

Accessories

PRO-SERIES XFM

Delrin Sleeve

- 4" (100mm) Hole in Hull for Pro-Series 2010 Xchangeable Flush Mount
- 4^{1/2}" (114mm) Hole in Hull for Pro-Series 3010 Xchangeable Flush Mount

Description	Part #	UPC/EAN #
Pro Series 2010 Xchangeable Flush Mount Delrin Isolation Sleeve	001-500573	5051803003649
Pro Series 3010 Xchangeable Flush Mount Delrin Isolation Sleeve	001-500575	5051803003663

Delrin Isolation Sleeve also available for Pro Series HD Thru-Hull and EYES Ocean Camera, Pro Series HD Flush Mount models, and Hybrid Series. See SPEC DELRIN THRUHULL, SPEC DELRIN FLUSHMOUNT, SPEC DELRIN HYBRID.

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OceanLED SPEC DELRIN XFM / 110912 / v3.1

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2010R (SV10/150w HID Replacement)

High Definition Underwater Lighting Excellence

Older-style underwater bulb lights have been polluting the marine industry for years. With the many issues these lights create both environmentally and mechanically, HID lighting is a real talking point with environmentalists. With the advent of high-powered LED (Light Emitting Diode) technology, all HID lights can now be retro-fitted with a system that runs cooler and is over 60% more efficient.

OceanLED's ColoursR is the first direct replacement color change underwater LED light for the SV10 150w HID model. To install, simply remove the existing assembly, fit the ColoursR LED canister neatly in place, and connect to the existing power.

Kit comes complete with LED canister, locking rings, seals, IP68 waterproof connectors and the electronic 110/240vAC driver. The optional AC 110/240 vAC power pack is available for boats wishing to continue utilizing mains voltage power.

OceanLED Marine
Underwater Lighting
Pro Series **HD**




Underwater
GRP / WOODEN HULL
SV10 Replacement **HD LED**



- Easy Replacement for SV10 HID
- Equal to 150w HID/Metal Halide
- 12/24vDC (AC Upgrade Option)
- 40,000+ Hour Life
- Plug & Play
- Factory Sealed Unit
- Instant 'On'
- No Bulbs to Change
- Mercury Free

Quick Specs

40K HOURS	12vDC	4200	REVERSE POLARITY PROTECTION	IN WATER REFITTING
LIFE SPAN	24vDC	FIXTURE LUMENS		

Description	Color	Part #	UPC/EAN #
2010R (SV10/150W HID Replacement) Ultra White LEDs w/Linear Optics	 Ultra White	001-500524	5051803004486
2010R (SV10/150W HID Replacement) Midnight Blue LEDs w/Linear Optics	 Midnight Blue	001-500662	5051803004455
2010R (SV10/150W HID Replacement) Sea Green LEDs w/Linear Optics	 Sea Green	001-500663	5051803004462

Technical	2010R HD
Light output equivalent to	150W HID Metal Halides
Fixture Lumens* (total light output from a finished fixture)	4200
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage DC	18-32vDC
Minimum-Maximum operating voltage AC (AC/optional)	90-270vAC
Current / Amp draw (DC)	12vDC 3.5A, 24vDC 1.7A
Current / Amp draw (AC/optional)	110vAC 50/60HZ 0.38A 240vAC 50/60HZ 0.18A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
Driver type	External
Driver size (L x W x H)	140 x 65 x 40mm (5 1/2 x 2 1/2 x 1 1/2")
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

Light penetration could be adversely affected by damaged/scratched/old lenses in the original equipment. OceanLED cannot be held responsible for any issues associated with the original equipment.

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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Colours^R (SV10/150w HID Replacement)

High Definition Underwater Lighting Excellence

Older-style underwater bulb lights have been polluting the marine industry for years. With the many issues these lights create both environmentally and mechanically, HID lighting is a real talking point with environmentalists. With the advent of high-powered LED (Light Emitting Diode) technology, all HID lights can now be retro-fitted with a system that runs cooler and is over 60% more efficient.

OceanLED's Colours^R is the first direct replacement color change underwater LED light for the SV10 150w HID model. To install, simply remove the existing assembly, fit the Colours^R LED canister neatly in place, and connect to the existing power.

Colours from OceanLED is the first high-powered color change underwater light for boats that allows boat owners to choose the colour of their lights from an unlimited colour pallet. Colours^R HD light output is equivalent to 150w HID/Metal Halide underwater lights using 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 colour scenes to set the mood, enhance an onboard event, strobe to attract fish, or even change colour with the time of day.

Kit comes complete with color change LED canister, locking rings, seals, IP68 waterproof connectors and the electronic 110/240vAC driver.

See additional required parts for Colours models on reverse.

OceanLED Marine
Underwater Lighting
Pro Series **HD**

COLOURS

Underwater
GRP / WOODEN HULL
SV10 Replacement


**HD
LED**



- Easy Replacement for SV10 HID
- Equal to 150w HID/Metal Halide
- 110-240vAC
- 40,000+ Hour Life
- Plug & Play
- Factory Sealed Unit
- In stand 'On'
- No Bulbs to Change
- Mercury Free

Quick Specs

40K HOURS	110vAC	REVERSE POLARITY PROTECTION	IN WATER REFITTING	DMX COMPATIBLE
LIFE SPAN	240vAC			

Description	Color	Part #	UPC/EAN #
Colours ^R (SV10/150W HID Replacement) Colours LEDs w/Linear Optics	 Colours	001-500523	5051803004479

***See additional required parts on reverse>>>**

Technical	Colours ^R HD
Light output equivalent to	150W HID Metal Halides
Typical LED life expectancy	40,000+ Hours
Minimum-Maximum operating voltage AC (AC/only)	90-270vAC
Current / Amp draw (AC/only)	110vAC 50/60HZ 1.1A 240vAC 50/60HZ 0.5A
Approx. light penetration (avg. water quality)	10m (33')
Approx. Light penetration (perfect water quality)	up to 25+m (82')
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} ")
Accessories	Part#
2m (6.5') Plug & Play Extension Cable	001-600001
6m (19.5') Plug & Play Extension Cable	001-600003
IP68 Ethernet DIY Cap	001-500466
Mains Voltage AC/DMX Driver for HD Colours Series	001-600082
*Add'l required parts for Colours models	Part#
Ethernet Colours Connection Cable (3 Meters)	001-500594
Colours Terminator Kit	001-500467
DMX Touch Panel Controller	001-500596
DMX Wifi Touch Panel Controller	001-500598

Light penetration could be adversely affected by damaged/scratched/old lenses in the original equipment. OceanLED cannot be held responsible for any issues associated with the original equipment.

COLOURS^R Kit comes complete with color change LED canister, locking rings, seals, and IP68 waterproof connectors.

***REQUIRED PARTS FOR COLOURS models:** One (1) Ethernet Colours Connection Cable for each driver-to-driver connection, and (1) Colours Terminator Kit per set-up is required when installing Colours models, along with one (1) DMX Touch Panel Controller. So for example, when installing four (4) Colours lights and drivers you will need three (3) Ethernet Colours Connection Cables connecting the drivers, and one (1) Colours Terminator Kit on the last driver, as well as (1) DMX Touch Panel. See pages 10 and 11 for these required parts; see the Pro Series HD Installation Manual for complete information.

OceanLED Smart Light Technology

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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.



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OceanLED 3-Star Binning Promise



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Contents include:

- Colours AC Driver
- 2m/6' Connection Cable



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DMX Touch Panel Controller

Changing the Underwater Lighting Spectrum

DMX Touch Panel Controller lets you control the color of your Pro Series HD Colours underwater lights at the touch of a button. This touch sensitive intelligent control keypad enables the user to easily program up to 8 lighting effects with a choice of up to 6 million colors.

The Colours application includes a strobe feature which can be used to attract fish, strobe to music by incorporating into your existing on-board sound system, or flash a warning using the panic mode feature.

For wifi control, see the DMX Wifi Touch Panel Controller.

NEW!

OceanLED Marine
Marine Lighting
Accessories



DMX
Touch Panel
Controller



- 128 individually addressable lighting fixtures as standard
- 5.5 - 12vDC
- Touch sensitive intelligent control
- Splash resistant
- Compatible with OceanLED Pro Series HD Colours models
- Easy to use
- Unlimited memory

Quick Specs

6 MILLION	ESA / ESA2	WALL MOUNT-ABLE	IP	8	5.5 - 12	BUILT-IN HARD DRIVE
COLORS	SOFTWARE		20	DYNAMIC /STATIC SCENES	vDC	

Description	Part #	UPC/EAN #
DMX Touch Panel Controller	001-500596	5051803003878

Specifications	DMX Touch Panel Controller
Power Supply	From 5.5v to 12vDC (AC/DC adapter in option)
Software	ESA on PC/Windows ESA2 only on PC/MAC
Computer Requirement	Windows XP/VISTA/SEVEN 32/64 bits and USB 2.0 (MAC OSx ESA2 only soon)
Connections	Power (2 pins) DMX (3 pins) Port (2 pins) Micro-usb
Certifications	EC, EMC, ROHS, ETL, UL (some in process)
Operating Temperature	0°C to 50°C
Physical Specifications	
Dimensions	86 x 86 x 10mm
Weight	130g

Contents include:

- 1 S.T.I.C.K hardware
- 1 software: ESA/ESA2
- 1 user manual
- 1 mini USB cable
- 1 power supply with connector block for DMX connection
- 1 IP68 pre-rigged cable



Available Memory	
Channels	Steps
8	326
16	192
32	102
48	68
64	50
80	38
96	31
112	25
128	21

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DMX Wifi Touch Panel Controller

Changing the Underwater Lighting Spectrum

DMX Wifi Touch Panel Controller lets you control the color of your Pro Series HD Colours underwater lights at the touch of a button. This touch sensitive intelligent control keypad enables the user to easily program more than 40 lighting effects with a choice of up to 16 million colors.

The Colours application includes a strobe feature which can be used to attract fish or flash a warning using the panic mode feature.

The wifi controller can be easily programmed to create individual colour scenes, which can then be selected at the touch of a button. With more than 40 dynamic or static scenes and live setting of the intensity and colour of a scene, any boat owner can turn their Pro Series Colours HD underwater lights into an integrated part of your boating experience. With onboard wifi, Colours can also be controlled via mobile devices such as an iPhone, iPad, or Android.

NEW!

OceanLED Marine
Marine Lighting
Accessories



DMX
Wifi Touch Panel
Controller



- 128 individually addressable lighting fixtures as standard
- 9vDC
- Touch sensitive intelligent control
- Splash resistant
- Compatible with OceanLED Pro Series Colours HD
- Wifi compatible
- Easy to use

Quick Specs

16 MILLION	ESA	WALL MOUNT-ABLE	IP	40+	9	WIFI COMPAT-IBLE
COLORS	SOFTWARE		20	DYNAMIC /STATIC SCENES	vDC	

Description	Part #	UPC/EAN #
DMX Wifi Touch Panel Controller	001-500598	5051803003892

Technical info		DMX Wifi Touch Panel Controller
Power Supply		9vDC 0.65A
Software		ESA + ESA PRO on PC/Windows ESA2 only on PC + MAC
Application		ARCOLIS + STICK REMOTE on iPhone/iPad/Android
Controller		Comes with infra red remote control to control the stick with direct line of sight up to 30 feet
Wifi*		Wifi app available for smart phones and tablet devices. *Requires external wifi router.
Router		Easy connection to router via RJ45 on back of receiver
Standards		EC, EMC, ROHS, ETL, UL (some in process)
Dimming		Available
Operating Temperature		-10°C to 50°C
Physical Specifications		
Dimensions		168 x 128 x 11.5mm
Weight		0.2kg (0.44 lbs)
Image Size		Standard 150 x 110mm picture

Contents include:

- 1 S.T.I.C.K hardware
- 1 software: ESA, ESA PRO, SUITE2 and DMX recorder
- 1 user manual
- 1 mini USB cable
- 1 mini SD card and 1 adapter
- 1 9V power supply with connector block for DMX connection
- 1 Pre-rigged waterproof ethernet cable



Specifications / Connections		Built-in features	Screw-terminal rear connector (9 pins)	Extension socket rear connectors (2x10 pins)	Front access connections (open cover)
Power Supply	9vDC 0.65A, supplied		*		USB
DMX Output #1	First universe, 512 channels DMX512 output		*		
DMX Output #2	Second universe, 512 channels DMX512 output			*	
USB	USB 2.0 communication for PC/MAC/ software				*
Ethernet	Advanced networking features	*			
Ports 1,2,3,4	4 Contact closure inputs, connect to ground for operating		*	*	
Ports 5,6,7,8	4 Contact closure inputs, connect to ground for operating			*	
User Interface	14 buttons, 1 fader, 28 leds (touch-sensitive keypad)	*			power/data leds
SD Card	Micro sd card for stand alone memory use				*
RESET	Push button for reset operation				*
RS232	RS232 Serial communication for external synchronisation			*	
Output relay	Automatic stand by 5V signal			*	
Clock	Real time clock and calendar, 10 minutes saving without power	*			
Infrared Receiver	Easy learning triggering from any 36Khz remote control	*			

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EYES Ocean Camera

Underwater

EYES Ocean Camera can be mounted anywhere allowing you to capture the magic of your own underwater aquarium beneath your boat, increase security, and provide evidence of your winning tournament catch. Standard VGA output connects to any screen.

Suitable for Fiberglass, GRP and wooden hulls, and also suitable for aluminium/steel hulls using the Delrin Isolation Sleeve accessory. Weld-in option also available on special request.

Tritonium™ optical lens is scratch and sea growth resistant.

OceanLED Marine
Underwater Camera
EYES

Underwater
GRP / WOODEN HULL
EYES

Tritonium™
Optical Technology



- 1³/₈" Hole in Hull
- Standard VGA
- 12vDC
- 40,000+ Hour Life
- Aluminium Bronze AB2 Bezel
- Tritonium™ Optical Lens
- Plug & Play
- Factory Sealed Unit
- No Breakable Parts

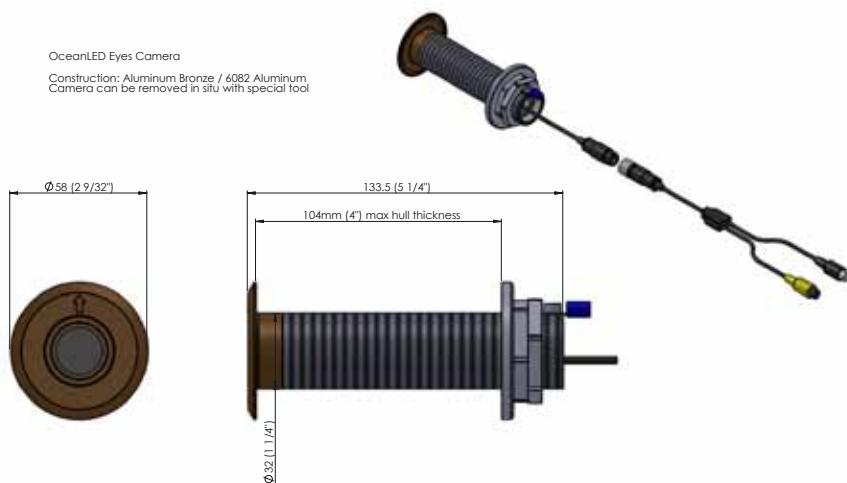
Quick Specs

80K HOURS	12vDC	0.01	82°	768x494	752x582	520	3.6mm	<150mA	Tritonium	REVERSE POLARITY PROTECTION
LIFE SPAN		LUX @ F1.6-F2.4	FIELD OF VIEW	NTSC PIXELS	PAL PIXELS	TV LINES	LENS	POWER	OPTICAL LENS	

Description	Color	Part #	UPC/EAN #
Underwater Camera - Bronze Bezel - NTSC		001-500101	5051803000518
Underwater Camera - Bronze Bezel - PAL		001-500133	5051803000525

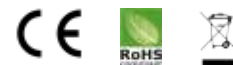
Bronze Bezel

Mounting Recommendations		EYES
Maximum hull thickness		116mm (4 1/2")
Technical		
CCD Chip		1/3" ExviewHAD+ SS-HQ1
Minimum Illumination		0.01 LUX at F1.6 ~ F2.4
Typical LED life expectancy		80,000+ Hours
Minimum-Maximum operating voltage DC		9-14vDC
Current / Amp draw (DC)		12vDC 150mA
Effective Pixels - NTSC		768 (H) x 494 (v)
Effective Pixels - PAL		752 (H) x 582 (V)
H. Resolution		520 TV Lines
Video Output		1 Vp-p 75 ohm composite
S/N Ratio		Over 50dB
Electronic Iris (Auto)		1/50, 1/60 - 1/100,000 sec
Gain Control		Automatic 4dB-30dB
Lens		3.6mm
Field of View		82° - 90°
Operating Temperature		10°-50°C (14°-122°F)
Physical		
Overall Length		135mm (5 5/16")
Diameter of Bezel		65mm (2 1/2")
Total weight		65g (2.3oz)
Extension cable length (standard)		10m (30')
Hole cut-out for body		35mm (1 3/8")
Material		Aluminium Hard Anodized Body; Aluminium Bronze AB2
Lens		Tritonium™ Optical Lens
Accessories		Part#
EYES Delrin Sleeve (for metal hull installs)		001-500339
Additional 10m (30') Plug & Play Extension Cable		600-000045
12vDC Current Regulator		001-600064



Contents include:

- 10 meter / 30' foot extension cable
- VGA and power in plug-and-play harness
- Locking Kit



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Delrin Isolation Sleeve

Underwater Lighting Excellence

When a weld-in underwater lighting fixture is not an option, use the **Delrin Isolation Sleeve** to isolate the underwater light or camera from the aluminum or steel hull.

Designed as an accessory to the Pro-Series Thru-Hull underwater light range and Eyes underwater camera.

OceanLED Marine
Marine Lighting
Accessories

Accessories

PRO-SERIES THRU-HULL/EYES
Delrin Sleeve



- 1³/₈" (34mm) Hole in Hull for Pro-Series Thru-Hull models 2010, 3010 and Eyes camera

Description	Part #	UPC/EAN #
Pro Series 2010 Thru-Hull Delrin Isolation Sleeve	001-500164	5051803001102
Pro Series 3010 Thru-Hull Delrin Isolation Sleeve	001-500165	5051803001119
Eyes Underwater Camera Delrin Isolation Sleeve	001-500339	5051803001881

Delrin Isolation Sleeve also available for Pro Series HD Flush Mount and XFM models, and Hybrid Series. See SPEC DELRIN FLUSHMOUNT, DELRIN XFM, DELRIN HYBRID.

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NEW!

OceanLED Marine
Marine Lighting
Accessories

Accessories

MARINE LIGHTING
Wireless Remote System

Wireless Remote System

Underwater Lighting Excellence

New **Wireless Remote System** allows the skipper to turn on OceanLED's full line of underwater and above water lights from up to 1000 feet away; underwater, boarding, spreader, aft, and cabin lights, as well as any other "On/Off" functions on the vessel. "All Off", "Auto Off", "MOB", and "SOS" are just a few of the features of the new system. The safety, convenience and reliability factors it offers to the skipper are priceless whether at the dock, cruising into your slip, or tendering up to your vessel at night, the Wireless Remote System puts the lighting controls in your hands whether docked or underway.

This new and proven technology allows the boat owner to control virtually any DC or AC marine system function on any size vessel equipped with 12/24 volts. The system includes a fixed mount receiver and one or more IP68 waterproof seven-button remote transmitters (FOB) with five programmable buttons that can be used to control any 12 or 24vDC or 120 or 250vAC volt powered system. The receiver known as the brains of the system, receives the input message from the transmitter, processes the radio frequency (RF) information and sends an electronic message to the specific vessel or shore system to be activated.

Available in two models, Remote12 and Remote12/24. Remote12 is 12 volt, 15 amps capable per output, designed for areas where space is limited and or vessel is equipped with 12 volts. Remote 12/24 is capable of both 12/24 volts, 20 amps capable per output and is targeted for larger vessels where space is not so limited and system voltage is either 12 or 24 volts.

- Compatible with OceanLED's complete product line
- May be used to control any On/Off electrical vessel or shore system such as bilge blowers, deck lighting, AC, stereo, water systems, head, venting, and more. *(Contact OceanLED if interested in controlling motor functions.)*
- Increase safety and security with Panic Mode, SOS, MOB features
- Transmission distance up to 1,000'/304 meters
- Waterproof IP68 FOB Remote Transmitters
- IP67 Receiver
- 12vDC and 12-24vDC Input

Quick Specs

12vDC	12vDC	CR2032	IP68	IP67	433MHz	250W
	24vDC	BATTERY TYPE	FOB RATING	RECEIVER RATING	FM TECHNOLOGY	PER CHANNEL

Description	Part #	UPC/EAN #
Remote12 Wireless Remote Control Kit (Includes 1 FOB)	001-600160	5051803004912
Remote12/24 Wireless Remote Control Kit (Includes 2 FOBs)	001-600161	5051803004929

Transmitter (FOB) Specifications		Remote System	
Supply Voltage (Typical)		3vDC	
Battery		CR2032	
Battery Life		2-3 years	
Back Lighting		Yes	
Operating Frequency		433.92 MHz	
Transmission distance with standard antenna		1,000' / 304.8m	
IP Rating		IP68 Waterproof	
# of Receivers remote transmitters can be paired with		unlimited	
Length		86mm	
Width		54mm	
Profile		22mm	
Remote12 Receiver Specifications		001-600160	
Supply Voltage (Typical)		10 - 16vDC	
Operating Current per Output		15 amps	
# of remote transmitters Receiver can be paired with		32	
IP Rating		IP67	
Remote Transmitters (FOBs) Included		1	
Length (not including antenna)		6" (152.4mm)	
Standard Antenna Length		16' (4.87m)	
Width		6" (152.4mm)	
Profile		4" (101.6mm)	
Weight		4.5lbs (2kgs)	
Storage Temperature		-50°C - 85°C (-58°>185°F)	
Operating Temperature		-20°C - 70°C (-4°>158°F)	
Remote12/24 Receiver Specifications		001-600161	
Supply Voltage (Typical)		18-30vDC	
Operating Current per Output		20 amps	
# of remote transmitters Receiver can be paired with		32	
IP Rating		IP67	
Remote Transmitters (FOBs) Included		2	
Length (not including antenna)		8" (203.2mm)	
Standard Antenna Length		16' (4.87m)	
Width		6" (152.4mm)	
Profile		4" (101.6mm)	
Weight		6.5lbs (3kgs)	
Storage Temperature		-50°C - 85°C (-58°>185°F)	
Operating Temperature		-20°C - 70°C (-4°>158°F)	



Engineered and Manufactured in the USA

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Contents include:

- 1 Receiver
- 1 or 2 Remote Transmitters (FOBs) See Receiver specifications
- 1 16 ft. external Antenna
- 1 Transmitter lanyard
- 1 Siren (used for Panic Function)
- Mounting and electrical hardware
- Installation and Care manuals

Additional built-in features:

Optional Manual Switch Control - As an option, the user can override any FOB (transmitter) controlled function with an external switch box. Optional Switch Box will certainly come in handy, when the FOB is not readily available but wanting to turn On/Off the remote functions. Contact OceanLED for ordering.

All Off - The FOB (transmitter) has an "All Off" function that will turn off all remotely controlled systems with a single press of a button. Great when leaving the vessel for long periods and you want to turn all systems off, not having to worry what was left on when you have already left the marina.

Feed Back - Mast, Navigation lights and or a Piezo Beeper siren/horn for visual and audible confirmation that vessel has received and processed the FOB (transmitter) Radio Frequency (RF) message.

Time Period - In the event that your Remote Control System is left unattended, after 12 hours of not receiving a message, the system will turn all Remote Functions Off automatically.

SOS - The FOB has an "Emergency" button function that activates the SOS message from the vessels horn and or the siren supplied with the Remote System. Great system when docked or at sea when attention is required. When wired to the Navigation lights and Horn/Siren, the Nav. Lights will flash the SOS message, while the horn blasts "SOS". Also great when staying on board alone and you feel uneasy that an uninvited guest is on deck, just scare him away! Also can be used for Man (Child) Overboard (MOB), whether at the dock or underway, the FOB (transmitter) button is pressed alarming the boats personnel that someone has fallen overboard or is in need of help. Not to worry about those troublesome inadvertent button activations. The Panic function has a 1.5 second delay on the button activation time.



Cert approval Pending



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