



Specification Sheet

Allure Gen2

SERIES

UNDERWATER
50XFM



Allure 50XFM *HD* Gen2 mk2

Xchangeable Flush Mount

Xchangeable Flush Mount is 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 new Allure 50XFM Gen2 mk2 comes with an improved locking clip that is easier to access and remove when upgrading or maintenance is required.

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.

- **NEW** Improved locking clip for easy removal
- Xchangeable from Inside the Hull
- 60.3mm (2^{3/8}") Hole
- 12V DC / 24V DC
- 40,000+ Hour Life
- Aluminium Bronze AB2 Bezel/
- Hard Anodized Aluminium Body
- Plug & Play
- Factory Sealed Unit

Quick Specs

| | | | | | | | |
|------------------|---------------|---------------|-----------------------|-----------------|---------------------|------------------------------------|---------------------------|
| 40K HOURS | 12V DC | 5260 | 3000 | | Tritonium | REVERSE POLARITY PROTECTION | IN WATER REFITTING |
| LIFE SPAN | 24V DC | LUMENS | FIXTURE LUMENS | 60° BEAM | OPTICAL LENS | | |

| Description | Colour | Part # | UPC/EAN # |
|---|-------------------|---------|---------------|
| Pro Series Allure 50XFM HD Ultra White LEDs | Ultra White | 010217W | 5051803006497 |
| Pro Series 20Allure 50XFM HD Midnight Blue LEDs | Midnight Blue | 010218B | 5051803006503 |

| Mounting Recommendations | 50XFM HD Gen2 mk2 |
|---|---|
| Transom / Hull spacing | 1-1.5m (3-5') |
| Transom quantity | 2-6 |
| Hull quantity | 4+/side |
| Maximum hull thickness | 57mm (2 1/4") |
| Installation depth (to top of fixture) | 10-20cm (4-8") |
| Technical | |
| Lumens | 5260 |
| Fixture Lumens | 3000 |
| Typical LED life expectancy | 40,000+ Hours |
| Minimum-Maximum operating voltage DC | 10-32V DC |
| Current / Amp draw (DC) | 12V DC 4.1A 24V DC 2.1A |
| Approx. light penetration (avg. water quality) | 8.5m (27') |
| Approx. Light penetration (perfect water quality) | up to 24+m (78') |
| Driver type | External |
| Driver size (L x W x H) | 150 x 65 x 40mm (6 x 2 1/2 x 1 1/2") |
| Physical | |
| Diameter of fixture | 80mm (3 1/2") |
| Profile (height) of fixture | 3.5mm (7/50") |
| Total weight including electrical driver | 800gms (1.76lbs) |
| Extension cable length (standard-hard wired to light) | 2m (6 1/2') |
| Hole cut-out for cable entry | 60.3mm (2 3/8") |
| Material | Aluminium Bronze AB2 |
| Lens | Tritonium™ Optical Lens |
| Accessories | Part# |
| 2m (6.5') Plug & Play Extension Cable | 001-500753 |
| 6m (19.5') Plug & Play Extension Cable | 001-500754 |
| Delrin Isolation Sleeve for 50XFM | 001-500637 |
| NEW* 4 Way V DC Power Junction Box | 019901 |

*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.

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.



Contents include:

- Light Engine
- 12/24V DC Driver w/Power Cable
- 2m/6' Connection Cable



EMC Tested
EN60945 compliant-2004/108/EC

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