



Thru-hull mount Underwater Light

Model 05 is a premium thru-hull LED fixture for boats of up to 100ft. Sharing the same lighting and control technologies of the advanced model 03, it offers powerful, vibrant lighting in a different installation method.

The LED housing is made of heavy-duty 904L Stainless Steel, nanocoated for enhanced protection and uses a special grade of glass which offers paramount clarity and exceptional mechanical properties.

The EMC-certified electronics module features the flicker-free drivers, active thermal protection and a smart microprocessor loaded with the state-of-the-art YPHOS firmware. The integrated preset modes are carefully designed to take full advantage of the astonishing colors of the high-power LEDs and include a handy fishing-assist mode.

- > High-Power LEDs
- > Sophisticated Optics
- > Made of 904L Stainless Steel
- > Thru-hull mount
- > Preset Colors & Shows¹
- > Heavy-duty Construction
- > Nanocoating externally
- > On-board processor
- > Active Thermal Protection
- > Internal Drivers
- > EMC Tested & Certified

7700
FIXTURE LUMENS

904L
STAINLESS STEEL

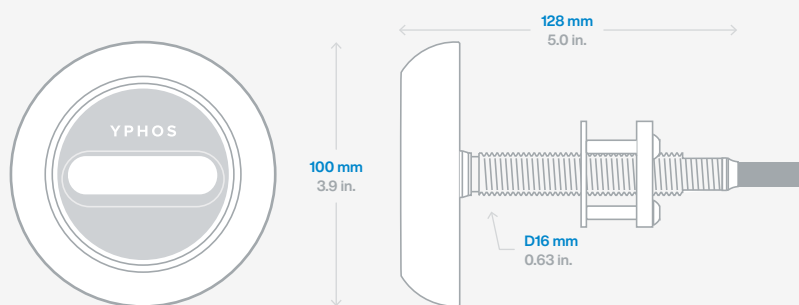
12-24V
UNIVERSAL DC VOLTAGE

90° x 30°
SHAPED BEAM

VERSION	FIXTURE LUMENS	SKU
○ Sparkling White	7700	05-WW1962
● Deep Blue	7700	05-BB1962
○ Dual White/Blue	7700	05-WB1962
● Full Color RGBW	8200	05-CC1962

ACCESSORIES	SKU
RF REMOTE	YRF-400
BASIC HUB	YHB-400
Y:LINK HUB for RGBW model	YHB-800
WiFi Control iOS/Android App	YHB-WiFi
MFD Integration for RGBW model	YHB-MFDI

¹ All versions of Model 05 have a different amount and type of preset modes for enhanced functionality. Refer to manual for more details.



Lighting

Fixture Lumens

7,700 Fixture Lumens (White)

Typical LED Lifespan

70,000+ hours, compliant to L-80

Beam Angle

90° x 30° (Horizontal x Vertical)

Light Source

Gen. 2 YPHOS lighting module with Cree (USA) LEDs

Electrical

Operating Voltage

12-24V DC (9.6V - 36V DC)

Current Draw (12/24V DC)

4.6 / 2.3 Amp. - Single & Dual Color
5.2 / 2.6 Amp. - RGBW

Driver Type

Internal Driver

Cable Length

9ft (3m) waterproof cable

Mechanical

Material

904L Stainless Steel

Weight

1.26 kg

Dimensions

D100 x 128mm

Hole cut-out

19mm

Technologies

Active Thermal Protection

Reverse Voltage Protection

Low Voltage Protection

Soft Start-Up

Inrush current Protection

Surge Protection

Noise Suppression

Mounting

Boat size

up to 100ft - 30m

Transom Quantity

2-6 Fixtures

Installation Depth

6 - 10" (150 - 250mm) from water level

Delrin Sleeve

Available

Not required for GRP & wooden hulls

Box Contents

Model 05 Light Fixture
with 3m/9ft pre-wired cable

Installation Manual

2 x blade fuses

1 x 4A - 1 x 7.5A

