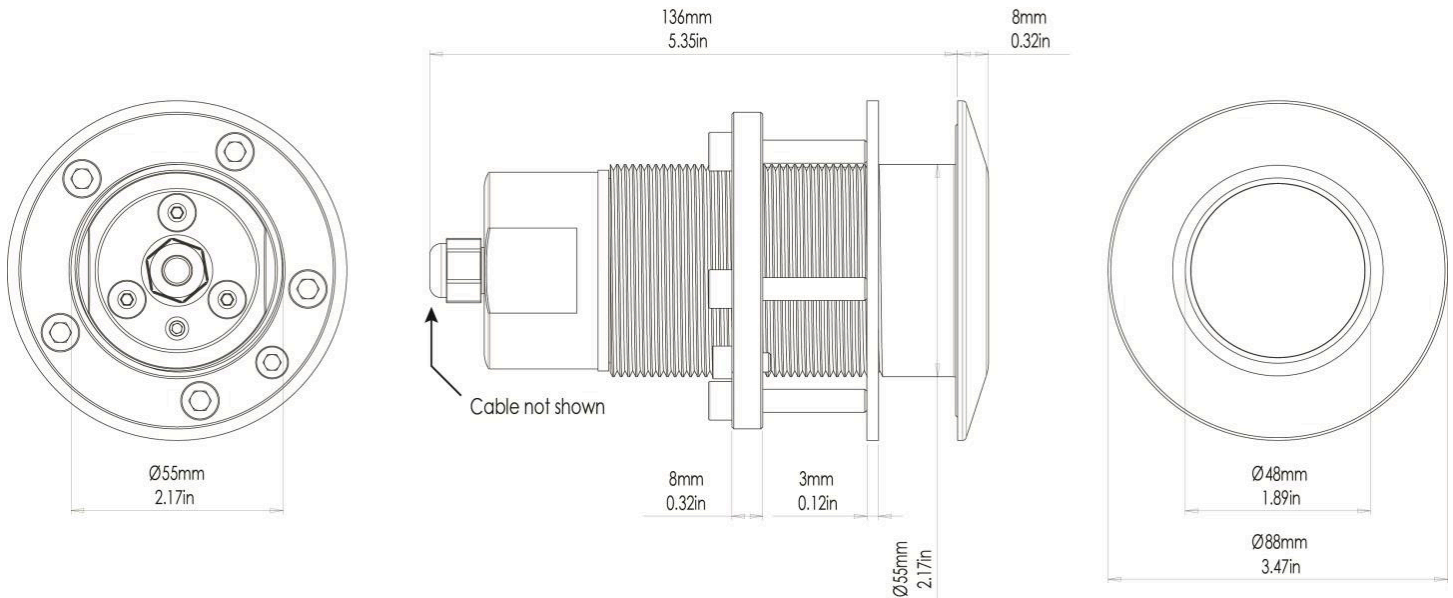LUMI-LINK™

EOS Series - Full Color Change

TIX403

INTERCHANGEABLE THRU-HULL UNDERWATER LED LIGHT

PART DESCRIPTION	EOS TIX403 INTERCHANGEABLE THRU-HULL UNDERWATER LED LIGHT
Available Colors	Full Color Change (RGBW)
Lumens	9,000
Fixture Lumens (White)	4,000
Number & Type Of LED	White–12×10W / Green–12×3W / Blue–12×3W / Red–16×3W
LED Power - HICOB Array	Yes
Typical LED Life	50,000+ Hours
Warranty	3 Years
User Control Options	EOS STV 2203-i Control via certified MFD, or connected iOS device*
TIX403 Set	2x EOS TIX403 lights, 1x EOS STV 2203-i, 1x EOS i-Connect Hub (PN: 60-0348)

Requires EOS Lumi-Link Bridge Module or Black Box Module

136mm / 5.35in   8mm / 0.32in

Cable not shown

8mm / 0.32in   3mm / 0.12in   Ø55mm / 2.17in

Ø55mm / 2.17in

Ø48mm / 1.89in

Ø88mm / 3.47in

EOS Series - Full Color Change

TIX403

INTERCHANGEABLE THRU-HULL UNDERWATER LED LIGHT

LED Color Change

THREE 3 YEAR WARRANTY

LUMI-LINK™

TECHNICAL

Driver	Multi-Channel Internal Driver
Supply Voltage Range	10.5—31 V DC
Max Current Draw 12/24V	2.6 A/1.5 A
Surge Protection	Yes (3,000V)
ATRB (Automatic Thermal Roll-Back)	Yes
Low Voltage Protection	Automatic Voltage Roll-Back Control And Low Voltage Cut Out
Auto Power Control	Yes – Intelligent Multi-Channel Power Management
"Soft Start" Electronics Protection	Yes
Reverse Polarity Protection	Yes
In Rush Current Protection	Yes
Power Line Noise Suppression	Yes
Communications Protocol	Lumi-DMX (DMX 512 and RDMX Compatible)

PHYSICAL

Beam Angle	110°
Water Ingress Protection Rating	IP68
Light Face Diameter	88mm (3.47")
Profile (Height) Of Housing	8mm (0.32'')
Shaft Length	136mm (5.35")
Housing Type	Marine Bronze Body with Borosilicate Glass Lens
Light Cable Length	3m (9.8') Standard
Hole Cut-Out for Shaft (Hole Cutter Size)	Metric: 57mm Imperial: 2-1/4 " (2.25")
Weight	1.2 Kg (2.6 Lbs)
Bonding	Required (Bonding Connection Provided on Light)
Isolation Option	Hull Isolation Sleeves Available For Metal Hull Installation

LIGHTING SYSTEM FUNCTIONALITY

Manufacturer Preset Colors	Yes
Lights Synchronized (All Lights, All Colors, All Modes)	Yes
Color Cycle	Yes
Cycle Speed Adjust	Yes
Color Sweep	Yes
Color Sweep Speed Adjust	Yes
Customizable Favorites	Yes
Fixed Strobe (Any Color)	Yes
Random Strobe Mode (Any Color)	Yes
Customizable Strobe Mode	Yes
Programmable Scenes	Yes
Wi-Fi Control (App)	Yes
External DMX/RDMX	Yes
Individually Addressable Lights	Yes
Sound-To-Light	Yes
Groups	Yes
Automatic Light Discovery and Setup	Yes
Light Brightness Adjustment	Yes
Diagnostic Function	Yes
Wi-Fi Control via Connected Device (e.g. Smart Phone)	Yes*
Light Control via MFD Screen	Yes*

These features require a SUPRA Lumi-Link Bridge Module and compatible MFD. This allows easy integration and control direct from MFDs, and other third party control systems.

ACCESSORIES

ACCESSORIES	PART NUMBER
TIX403 Lumi-Hub (Controls up to 4 lights)	60-0321
EOS 2203-i	60-0324
TIX 403 EOS Light	60-0336
Light Extension Cable - 3m (9'9'')	24-0121
EOS Lumi-Link Bridge Module for Garmin OneHelm™	60-0322
EOS Lumi-Link Black Box Module for Garmin OneHelm™	60-0335

LUMI-LINK™
PLUG-&-PLAY MFD INTEGRATION

The world's first marine lighting API (Application Programming Interface) allowing plug-&-play integration of Lumishore SUPRA & EOS underwater lighting systems with a single cable to your certified Multi-Function Display (MFD) creating a centralized control platform for the entire vessel reducing helm clutter and simplifying vessel operation. Now available for Garmin OneHelm™ MFDs.

When it comes to quality boat underwater lights, Lumishore is the brand you can depend on.