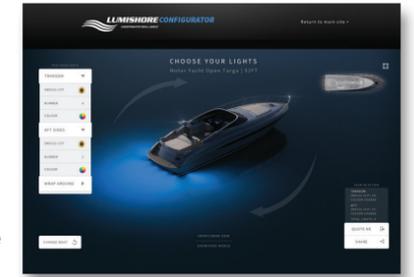# LUMISHORE
UNDERWATER BRILLIANCE

Underwater
LED Lighting

Selecting the right underwater light
Easy as 1-2-3

1 To get started visit Lumishore.com/configurator

If you're unsure of exactly how many lights are right for your boat check out the cool new online *'Configurator'* exclusively from Lumishore, which allows you to choose your boat and then test drive all the various mounting locations, light models, quantity and color options before you buy.

2 Choose your lights

Lumishore provides innovative underwater LED lighting solutions that deliver extreme brilliance; they're smaller, more efficient, and outperform the competition.

ORA Series - Single Color *(Pages 4-5)*
» Blue: Most versatile for changing water conditions
» White: Best in shallow, sandy bottom areas
» Green: Best for murky, green or brown colored water

White   Blue   Green

Supra Series - Dual-Color *(Pages 6-7)*
» Blue & White Dual-color lights combine our most popular colors
» Fishing Strobe and Fade modes
» Add a Lumi-Switch for additional strobe speeds and brightness control

Dual Color

EOS Series - Color Change *(Pages 8-11)*
» Award-winning EOS Series Color Change lighting systems have set a new standard for performance and control of full color underwater lighting. The best and brightest full spectrum color change lights with a limitless choice of color options, patterns, modes, Sound-to-Light entertainment, wireless control, and much more! If you want it all - choose Lumishore's EOS Series.

Color Change

Mounting type

Surface Mount (SMX)
» Transom or side mounting
» Typically for boats up to 40'
» Easy to install
» 1,100—6,400 fixture lumen

Thru-Hull (THX)
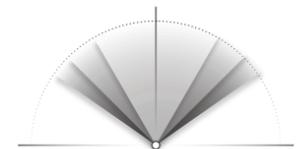» Transom, side or bottom mounting
» Designed for larger vessels
» 4,100—17,000 fixture lumens
» Offers most secure mounting type
» External Driver

Interchangeable Thru-Hull (TIX)
» Transom, side or bottom mounting
» Designed for larger vessels
» Serviceable from inside hull
» 4,100—17,000 fixture lumens
» Offers most secure mounting type
» Built-in Driver

Beam Angle

Lumishore offers not only the best light intensity but also the widest beam angles to penetrate farther in the water and provide an uninterrupted halo of light around your boat.

- 60° Focused Beam
- 90° Wide Beam
- 110° Ultra-wide Beam

3 Choose a controller compatible with your lights

Underwater lighting has become a vibrant component of any boating experience. With Lumishore's controller options - the Wireless Keyfob Remote, Lumi-Switch, EOS Mini & Mini Wi-Fi, and the full-featured EOS STV 2202 - your underwater lighting experience is further enhanced by adding an interface to easily control your lights. Wireless EOS models provide compatibility with your iPhone or iPad and the companion Lumi-App.

Customer-supplied On/Off Switch
» You may use your own switch for On/Off control of your ORA Series lights, and with Supra and EOS Series Surface Mount (SMX) lights with reduced functionality.

RM-12 Wireless Keyfob Remote
» An optional accessory to wirelessly control your ORA Series lights. Includes 2 keyfobs and 1 relay/receiver. 12V DC systems only.

Lumi-Switch
» Custom Carling-style waterproof dash mount rocker switch.

EOS Mini Color Controller
» Low-profile dash mount waterproof controller with 1.5" monochrome LCD display and built-in 'Sound-to-Light' integration.

EOS Mini Wi-Fi Color Controller
» Low-profile dash mount waterproof controller with 1.5" monochrome LCD display and built-in 'Sound-to-Light' integration. Wi-Fi feature allows for second station control using your iPhone or iPad and the free companion Lumi-App.
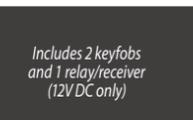
EOS STV 2202 Color Controller
» Expansive network controller with 3.5" color LCD display, full two-way DMX compatibility, built-in Sound-to-Light integration with the vessel's on-board audio system or iOS device, built-in Wi-Fi for second station control using your iPhone or iPad and the free companion Lumi-App.

Compatible w/ORA Lights	Compatible Supra & EOS SMX Lights	Compatible w/EOS SMX & EOS TIX402 Lights	Compatible w/EOS THX/TIX802 & THX/TIX1602
RM-12 Wireless Keyfob Remote	**Lumi-Switch** Carling-style rocker switch	**EOS Mini & Mini Wi-Fi** Waterproof controller with LCD display	**EOS STV 2202** Waterproof controller with color LCD display and Wi-Fi
Includes 2 keyfobs and 1 relay/receiver (12V DC only)	Preset Colors / Color Cycle / Fixed Strobe	Preset Colors / Color Cycle / Fixed & Random Strobe / Color Sweep / Sound-to-Light / Wi-Fi* *Mini Wi-Fi model only	Preset Colors / Color Cycle / Fixed & Random Strobe / Color Sweep / Sound-to-Light / Wi-Fi

Lumishore 2017 Underwater LED Lighting Guide

LUMISHORE — UNDERWATER BRILLIANCE

ORA SERIES - SINGLE COLOR

- ORA Series continues to offer the brightest single-color lights in the most compact fittings available.
- The world's lowest-profile surface mount (SMX) light.
- The slimmest interchangeable thru-hull (TIX) light.
- Ideal for small to medium size boats.
- Focused 60° beam.
- Controlled by a simple on/off switch or optional Wireless Key Fob.

SUPRA SERIES - DUAL COLOR

- SUPRA Series dual-colored lights provide '2-lights-in-1' by combining the most popular colors (blue and white) in a single high-powered fixture.
- Lumishore is the only manufacturer to offer dual-colored lights that perform at full power for both colors.
- Switch between colors, cycle colors, fade, adjust brightness, and strobe with two-speeds at the flick of the easy-to-use Lumi-Switch (user-supplied on/off switch may also be used but with reduced functionality).
- Available in surface mount (SMX) with 90° beam, thru-hull (THX) and interchangeable thru-hull (TIX) with 110° beam, and retro-fit (TRX) for easy replacement of existing HID/metal halide or older generation LED lights.

EOS SERIES - COLOR CHANGE

- Award-winning EOS Series lighting systems have set new standards for performance and control of full-color underwater lighting.
- Powerful, synchronized lights with limitless color, color cycles, sweeps and stobes let you extend your time on the water by creating beautiful underwater effects.
- Add 'Sound-to-Light' entertainment and pulse your lights to music by simply connecting your audio output to the EOS controller.
- Wi-Fi controllers (EOS Mini Wi-Fi and EOS STV2202) along with Lumi-App (free on iTunes) allow iPhone and iPad users control of their EOS lighting systems from anywhere on-board.
- Available in surface mount (SMX) with 90° beam, thru-hull (THX) and interchangeable thru-hull (TIX) with 110° beam, and retro-fit (TRX) for easy replacement of existing HID/metal halide or older generation LED lights.

	SURFACE MOUNT (SMX)	INTERCHANGEABLE TH (TIX)	SURFACE MOUNT (SMX)			THRU-HULL (THX) & INTERCHANGEABLE THRU-HULL (TIX)			RETRO-FIT (TRX)	SURFACE MOUNT (SMX)		THRU-HULL (THX) & INTERCHANGEABLE THRU-HULL (TIX)			RETRO-FIT (TRX)
	SMX11	**TIX202**	**SMX22**	**SMX52**	**SMX102**	**TIX/THX402**	**TIX/THX802**	**TIX/THX1602**	**TRX802**	**SMX92**	**SMX152**	**TIX402**	**TIX/THX802**	**TIX/THX1602**	**TRX802**
AVAILABLE LED COLORS	WHITE, BLUE, GREEN	WHITE, BLUE, GREEN	DUAL COLOR WHITE & BLUE	DUAL COLOR WHITE & BLUE	DUAL COLOR WHITE & BLUE	DUAL COLOR WHITE & BLUE	DUAL COLOR WHITE & BLUE	DUAL COLOR WHITE & BLUE	DUAL COLOR WHITE & BLUE	FULL COLOR SPECTRUM (RGBW)	FULL COLOR SPECTRUM (RGBW)	FULL COLOR SPECTRUM (RGBW)	FULL COLOR SPECTRUM (RGBW)	FULL COLOR SPECTRUM (RGBW)	FULL COLOR SPECTRUM (RGBW)
LUMENS	2,475	9,225	4,500	9,000	14,400	15,300	27,000	38,250	18,000	9,000	14,400	9,000	23,625	34,875	18,000
FIXTURE LUMENS (WHITE)	1,100	4,100	2,000	4,000	6,400	6,800	12,000	17,000	8,000	4,000	6,400	4,000	10,500	15,500	8,000
# OF HIGH POWER LEDS	6	9**	15	24	48	36	84	156	84	52	104	52	104	156	84
BEAM ANGLE (DEGREES)	60°	60°	90°	90°	90°	110°	110°	110°	110°	90°	90°	110°	110°	110°	110°
DRIVER	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	TIX = INTERNAL / THX = EXTERNAL			INTERNAL	INTERNAL	INTERNAL	TIX = INTERNAL / THX = EXTERNAL			INTERNAL
SUPPLY VOLTAGE (*AC OPTION AVAILABLE)	12 V DC ONLY	12/24 V DC	12/24 V DC	12/24 V DC	12/24 V DC	12/24 V DC*	12/24 V DC*	24 V DC ONLY*	90 - 250 V AC***	12/24 V DC	12/24 V DC	12/24 V DC	12/24 V DC*	24 V DC ONLY*	90 - 250 V AC***
MAX CURRENT DRAW	1A	3.6A/1.8A	1.7A/0.75A	2.7A/1.5A	4.4A/2.1A	6A/3A	8.8A/4.4A	6.5A	0.6A	2.6A/1.5A	5.0A/2.6A	2.6A/1.5A	8.8A/4.4A	6.5A	0.6A
USER SUPPLIED CONTROL (see reverse side for more details)	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH	ON/OFF SWITCH
ENHANCED CONTROL (see reverse side for more details)	RM-12 REMOTE CONTROL	RM-12 REMOTE CONTROL	LUMI-SWITCH	LUMI-SWITCH	LUMI-SWITCH	LUMI-SWITCH	LUMI-SWITCH	LUMI-SWITCH	ENQUIRE	LUMI-SWITCH OR EOS MINI	LUMI-SWITCH OR EOS MINI	EOS MINI/EOS MINI WI-FI	EOS STV 2202	EOS STV 2202	EOS STV 2202
COLOR FADE CYCLE			●	●	●	●	●	●	●						
BRIGHTNESS ADJUST			●	●	●	●	●	●	●	●	●	●	●	●	●
LIGHTS SYNCHRONIZED (All Lights, All Modes, All Colors)			●	●	●	●	●	●	●	●	●	●	●	●	●
STROBE			●	●	●	●	●	●	●	●	●	●	●	●	●
COLOR CYCLE										●	●	●	●	●	●
COLOR SWEEP										●	●	●	●	●	●
CUSTOMIZABLE FAVORITES										●	●	●	●	●	●
SOUND-TO-LIGHT										●	●	●	●	●	●
WI-FI										●		●	●	●	●
SYSTEM MEMORY (Switches on at last setting)			●	●	●	●	●	●	●	●	●	●	●	●	●
HOUSING TYPE	MARINE GRADE POLYMER	MARINE GRADE ALUMINUM BRONZE	POLYMER WITH THERMAL-CORE	POLYMER WITH THERMAL-CORE	POLYMER WITH THERMAL-CORE	MARINE GRADE ALUMINUM BRONZE	MARINE GRADE ALUMINUM BRONZE	MARINE GRADE ALUMINUM BRONZE	ANODIZED ALUMINUM BODY (5083)	POLYMER WITH THERMAL-CORE	POLYMER WITH THERMAL-CORE	MARINE GRADE ALUMINUM BRONZE	MARINE GRADE ALUMINUM BRONZE	MARINE GRADE ALUMINUM BRONZE	ANODIZED ALUMINUM BODY (5083)
BONDING	NO BONDING REQUIRED	REQUIRED	NO BONDING REQUIRED	NO BONDING REQUIRED	NO BONDING REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	NO BONDING REQUIRED	NO BONDING REQUIRED	REQUIRED/PROVIDED	REQUIRED/PROVIDED	REQUIRED/PROVIDED	REQUIRED/PROVIDED
WARRANTY	1 YEAR	3 YEARS	2 YEARS	2 YEARS	2 YEARS	3 YEARS	3 YEARS	3 YEARS	3 YEARS	2 YEARS	2 YEARS	3 YEARS	3 YEARS	3 YEARS	3 YEARS

* AC Option Available   **TIX202 model = 9 White LEDs and 22 Blue or Green LEDs   *** 12 or 24 V DC Option Available