

EOS SY Series - Full Color Change

SY225

LOUVRE COMPACT SY WELD-IN UNDERWATER LED LIGHT

SY225 Louvre Compact models offers the latest concept in weld-in underwater light fixtures. Making use of a patented internal 'Louvre' lens system, this enables a flush-fit, weld-in flange for each and every underwater light location regardless of hull shape with no loss of light. A simplified installation procedure offers both time and cost savings during installation. The louvered LED array of each light is designed to account for all hull angles, eliminating the light lost in traditional long, angled tube flanges.

Available Colors	Full Color Change (RGBW)
Lumens	24,750
Fixture Lumens (White)	11,000
Number & Type Of LED	White - 24 x 10W, Green - 24 x 3W, Blue - 24 x 3W, Red - 32 x 3W
LED Power - HICOB Array	Yes
Typical LED Life	50,000+ Hours
Warranty	3 Years*
User Control Options	Lumishore Controller (2203i or 2204i) DMX Controller (3rd Party)

* Subject to commissioning review

Traditional Weld-in Lights	SY225 Weld-In Lights
<p>Long Flange</p> <p>Lost Light</p> <p>10°</p>	<p>10°</p>

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TECHNICAL

Driver	Multi-Channel External Driver
Supply Voltage Range	90-240V AC 24 V DC option also available
Max Current Draw (AC)	1.4 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 Mgmt
"Soft Start" Electronics Protection	Yes
Reverse Polarity Protection	Yes
In Rush Current Protection	Yes
Power Line Noise Suppression	Yes
Communication Protocol	Lumi-DMX (DMX-512/RDMX Compatible)

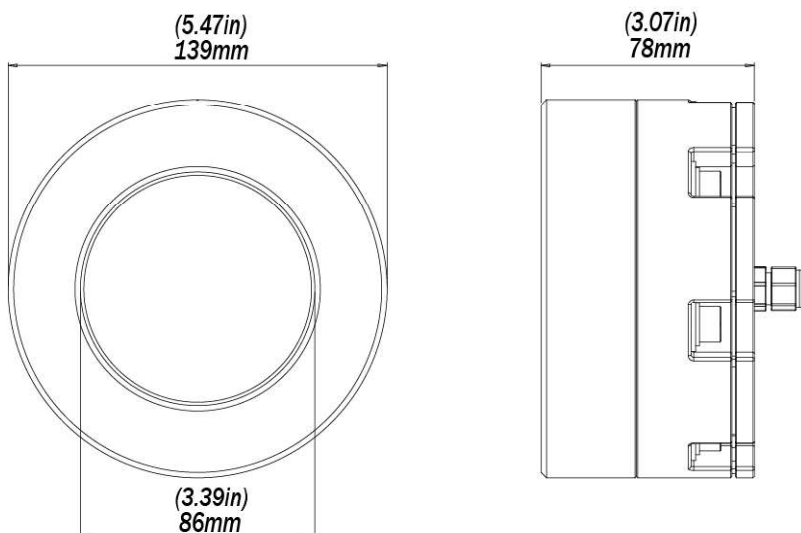
PHYSICAL

Beam Angle	110°
Water Ingress Protection Rating	IP68
Flange Diameter	139mm (5.47")
Light Angle Options	Fits any hull angle (0° to 50°)
Flange Angle Options (Degrees)	0° (Flush)
Flange Material Options	Aluminum (5083L), Stainless Steel (316L)
Light Weight	1.4 Kg
Light Cable Length	3m (9'8") Standard (Extension cables available)
Vessel Length	Up To 50m
Installation Locations	Transom, Side hull

LIGHTING SYSTEM FUNCTIONALITY

Manufacturer Preset Colors	Yes
Lights Synchronized (All Lights, All Colors, All Models)	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	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

FLANGE WEIGHTS	SY 225
316 SS	2.4 KG
5083 L	0.8 KG



DATA IS SUBJECT TO CHANGE WITHOUT NOTICE

LUMISHORE DATASHEET

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