E8 EXPLORE PRODUCT GUIDE

WELD-IN

KEY FEATURES

- 13,000* Fixture Lumens
  * Ultra White measurement
- 90° Top Beam
- 20° Side Beam
- 0˚- 50˚ Beam Projection Angle

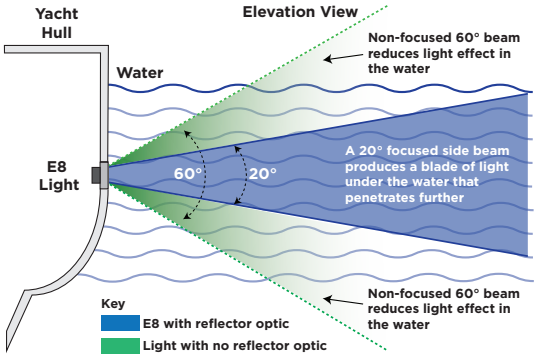
COLOUR PART#

- Dual White/Blue **E8009BW - E8059BW**
- Colours DMX **E8009CD - E8059CD**

BENEFITS OF OCEANLED REFLECTOR OPTICS

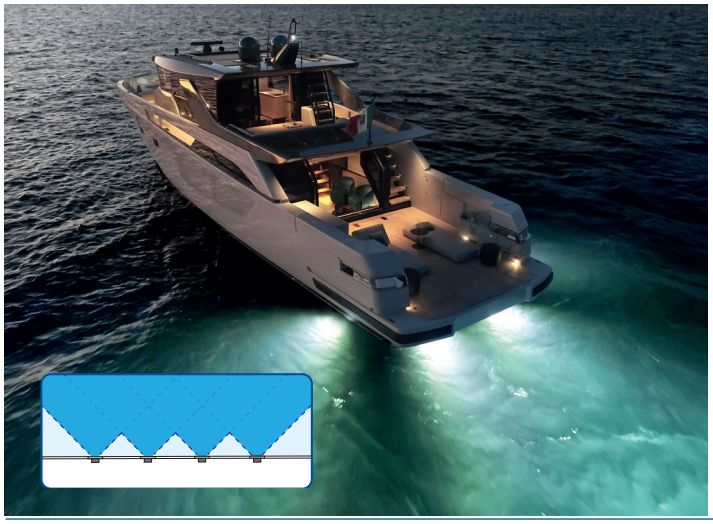
Superior Light Distribution Due To Advanced Optics

- New generation innovative, efficient reflector optics.
- Focused side beam produces a blade of light under the water that penetrates further.
- All available light is directed with minimal loss.



Defined 90˚ x 20˚ Beam

- The defined 90˚ beam, using advanced reflector optics, when viewed from above reduces the dark areas close to the hull

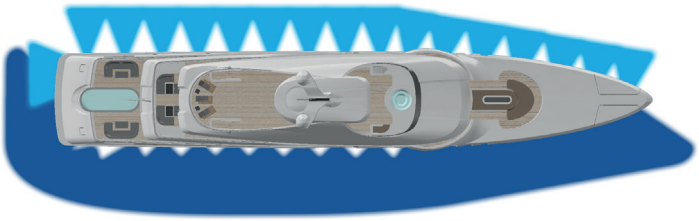


BENEFITS OF E8 ANGLED OPTICS

Create A Uniform Lighting Effect Around Your Yacht

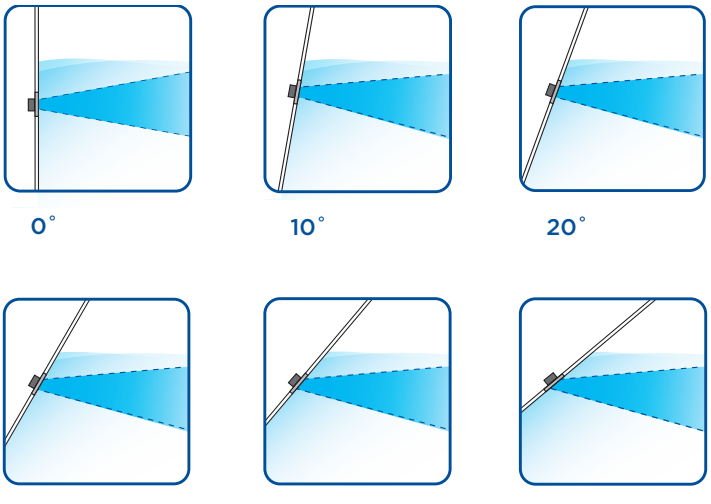
- Choice of Angled optics to counter the hull shape.
- 0˚, 10˚, 20˚, 30˚, 40˚ & 50˚ Beam projection angles.
- Achieved using a 0˚ cofferdam for simplified installation.

Without Angled Reflector Optics



With Angled Reflector Optics

- The new Explore E8 angles the beam up to 50˚, while housed in a 0˚ cofferdam, using highly efficient reflector optics which produce the best possible uniform lighting effect; a complete halo of light around the yacht.



OCEANLED CUSTOM PROJECT SUPPORT

OceanLED has an in house dedicated customer service, sales and engineering team on hand to support our Superyacht clients in various stages of the build. With 2D and parametric 3D CAD facilities, OceanLED will follow projects from inception through to launch to ensure the best possible solution.

EXPLORE E8 CHOOSE YOUR LIGHT SETUP

LIGHT: Choose between Dual Colours (MB/UW) or Colours DMX

OPTION 1 - Dual | OPTION 2 - Colours

COFFERDAM: Choose between Aluminium or Stainless Steel

OPTION 1: Aluminium | OPTION 2: Stainless Steel

BEAM ANGLE: Choose Internal Beam Angling

OPTION 1 - 0˚ | OPTION 2 - 10˚ | OPTION 3 - 20˚

OPTION 4 - 30˚ | OPTION 5 - 40˚ | OPTION 6 - 50˚

POWER: Choose either AC Power Junction Box or DC Junction Box (1 required for each light)

OPTION 1 - AC | OPTION 2 - DC

CONTROL: Choose the method of how you control your lights

OPTION 1: 3rd Party | OPTION 2 - Ocean DMX Controller

CABLE: Select the required length & quantity of extension cables (From E8 0.3m flying lead connector to junction box)

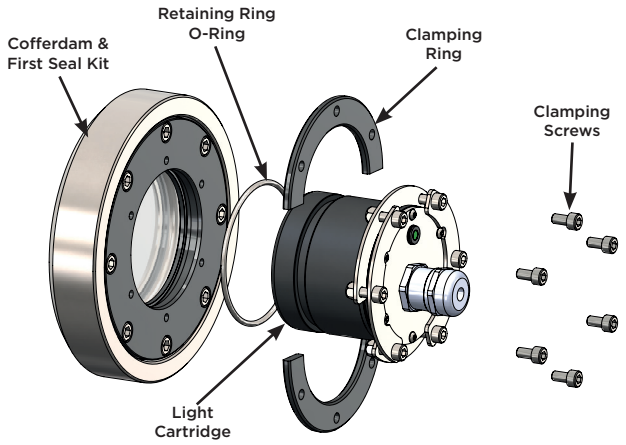
OPTION 1: 2.5m | OPTION 2: 5m | OPTION 3: 10m

OPTION 4: 15m | OPTION 5: 20m

CONNECT: Connect the Junction Boxes to the yacht's Power and Control Systems

SUPPLY & INSTALLATION

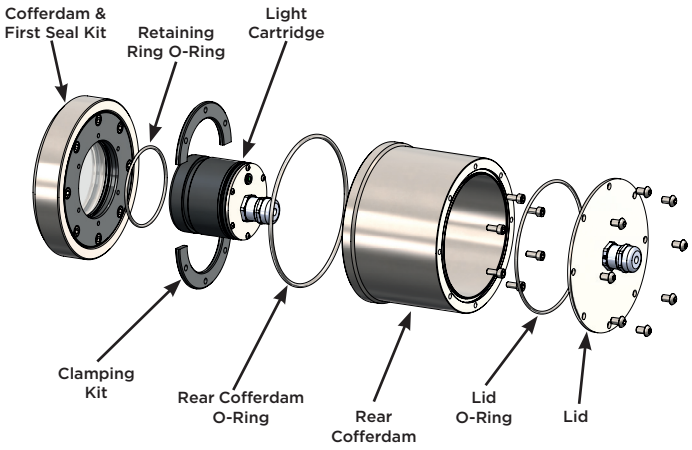
- The supply of E8 parts can be customised to suit your project timescales.
- Commonly, we supply the cofferdams first so these can be welded in the hull in the early stages of build.
- The next parts supplied are the first seal kits which are fitted once the cofferdams are in and the area is prepared, clean and ready for lenses.



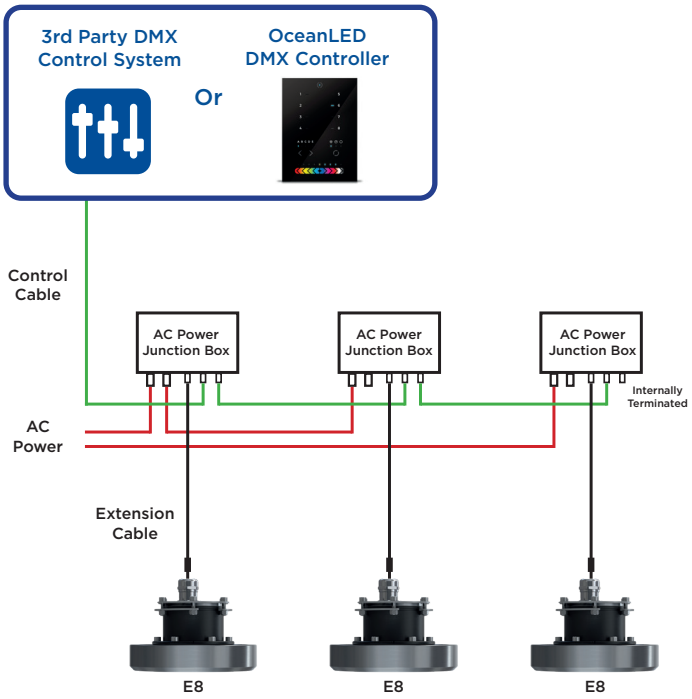
- The final stages are the supply of cables, junction boxes and light cartridges. This fitting of the light cartridges should be done in conjunction with the Light Placement Chart, if available, to ensure the correct angled light is installed in the correct position.

FITTING EXPLORE E8 REAR COFFERDAM

The E8 rear cofferdam can be used as an optional third barrier for water ingress. If installed inside a tank, contact OceanLED's Custom Project Team for further details.



CONTROL OPTIONS SCHEMATIC



OceanLED E8 Extension Cable (2.5m, 5m, 10m, 15m & 20m)

Yacht Power Cabling

Yacht Network Control Cabling (DMX)

Note:

- The DMX Network can be split into DMX segments using DMX splitters as required
- Each DMX segment must not exceed 300m in total length (must Include twice the length of every light extension cable in this)
- Each segment must not contain more than 32 E8 lights
- Cable length from lights to Power / Junction Boxes should be minimised, and must be <=20m

Built In Fault Finding

The Explore E8 lights have a built-in rear indicator LED. The LED confirms the light is working within designed parameters, and in the case of a fault, will indicate information as to the root cause.