

KEY FEATURES



11,000*
 Fixture Lumens
* Ultra White measurement



90°
 Top Beam



20°
 Side Beam



10° - 50° Beam
 Projection Angle

COLOUR PART#



Dual White/Blue



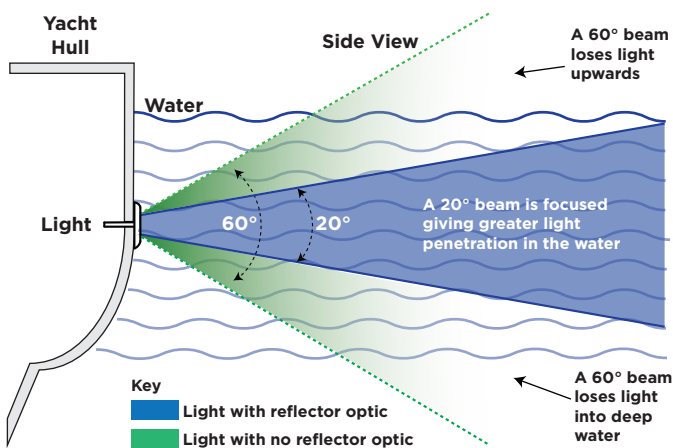
Colours DMX

LESS POWER USED AND SUPERIOR LIGHTING EFFECT



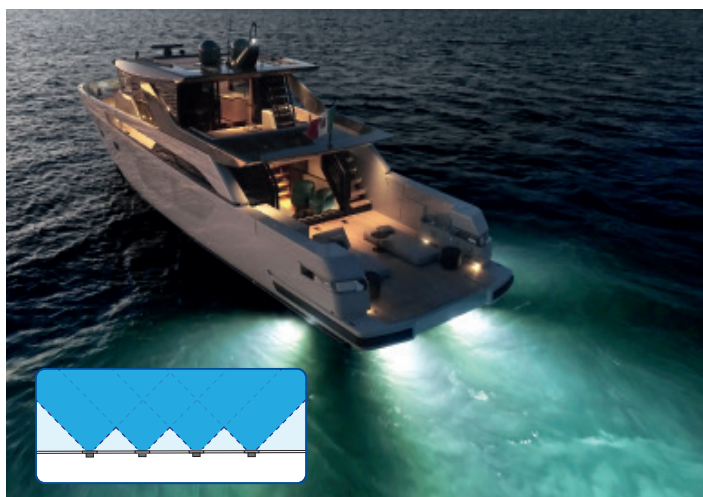
Less power used to deliver superior light effect due to advanced optics

- 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.



IP69k SUPERIOR PROTECTION, TOTAL PEACE OF MIND



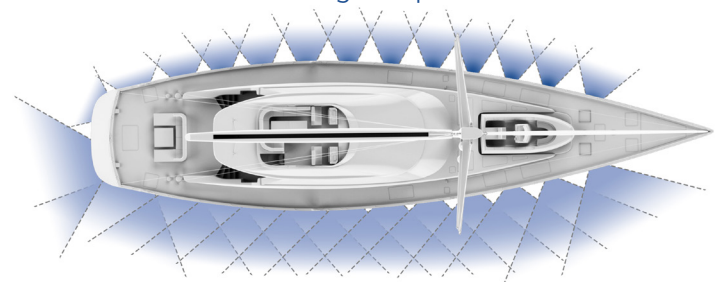
IP69k, the highest achievable rating of protection against water ingress. IP69k goes one step further than the industry standard IP68, giving you additional protection and peace of mind.

BENEFITS OF E7 TH ANGLED OPTICS

Create A Uniform Lighting Effect Around Your Yacht

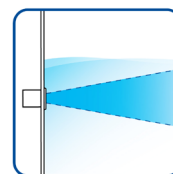
- Choice of Angled optics to counter the hull shape.
- 10°, 20°, 30°, 40° & 50°.
- 0° available as compatible E6.
- Mix and match with Explore XFM for optimum installation.

Without Angled Optics

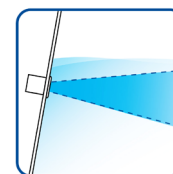


With Angled Optics

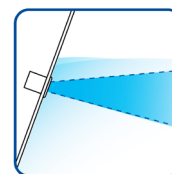
The new Explore E7 TH allows the lights to be internally angled up to 50° in 10° increments to counter the hull. This ensures all the light is delivered where required, producing the best possible, uniform lighting effect; a complete halo of light around the yacht.



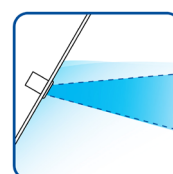
0° (E6)



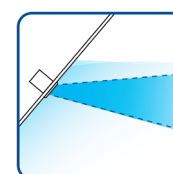
10° (E7)



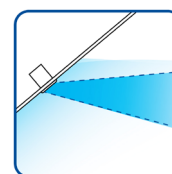
20° (E7)



30° (E7)



40° (E7)



50° (E7)

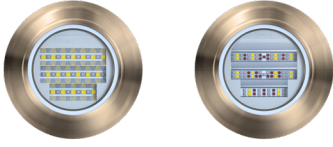
EXPLORE TH CHOOSE YOUR LIGHT SETUP

EXPLORE TH ACCESSORIES



Choose Either Dual Or Colours

- Explore E6/E7 TH (Dual) • Light Assembly
- Explore E6/E7 TH (Colours) • Light Assembly



Choose Hull Angle Requirements

- 0° HULL ANGLE
- 10° HULL ANGLE
- 20° HULL ANGLE

- E6 TH Dual #E6TH009BW, E6 TH Colours #E6TH009CD
- E7 TH Dual #E7TH019BW, E7 TH Colours #E7TH019CD
- E7 TH Dual #E7TH029BW, E7 TH Colours #E7TH029CD

- 30° HULL ANGLE
- 40° HULL ANGLE
- 50° HULL ANGLE

- E7 TH Dual #E7TH039BW, E7 TH Colours #E7TH039CD
- E7 TH Dual #E7TH049BW, E7 TH Colours #E7TH049CD
- E7 TH Dual #E7TH059BW, E7 TH Colours #E7TH059CD



Choose either DC or AC Power Kits

- OPTION 1: DC Power Kit (1.5m) #019903 • DC Power Cable • Fuse Kit
- OPTION 2: AC Power Kit (1.5m) #019904 • Power Pack • AC Power Link Cable



Choose the method of how you control your lights (Each Controller option comes with a 5m Control Input Cable Kit - Option 1)

- OPTION 1: Switch / 3rd Party Control Input Kit #012923 • Control Input Cable • Terminator
- OPTION 2: OceanDMX RC Kit • Remote / Receiver See OceanDMX RC Guide for options
- OPTION 3: OceanDMX TP (Dual) #013003 (Black), #013003W (White) • Touch Panel Controller • Control Input Kit
- OPTION 4: OceanDMX TP (Colours) #013001 (Black), #013001W (White) • DMX Touch Controller • Control Input Kit
- OPTION 5: OceanDMX WTP PLUS (Dual Colour) #013011 (Black Panel), #013011W (White Panel) • DMX WiFi Controller • Control Input Kit
- OPTION 6: #013010 (Black Panel), #013010W (White Panel) • OceanDMX WTP PLUS (Colours) • DMX WiFi Controller • Control Input Kit



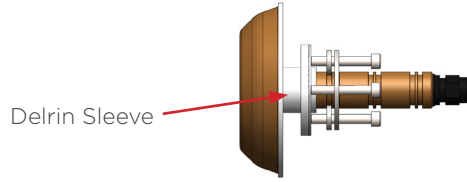
Select quantity of Control Link Cables based on quantity of lights (N.B. You need 1 Link Cable less than the number of lights fitted)

- OPTION 1: Control Link Cable (3m) #012924 Select the quantity required (N.B. 1 cable less than No. of lights)
- OPTION 2: Control Link Cable (5m) #012925 Select the quantity required (N.B. 1 cable less than No. of lights)
- OPTION 3: Control Link Cable (10m) #012926 Select the quantity required (N.B. 1 cable less than No. of lights)
- OPTION 4: Control Link Cable (15m) #012927 Select the quantity required (N.B. 1 cable less than No. of lights)
- OPTION 5: Control Link Cable (20m) #012928 Select the quantity required (N.B. 1 cable less than No. of lights)



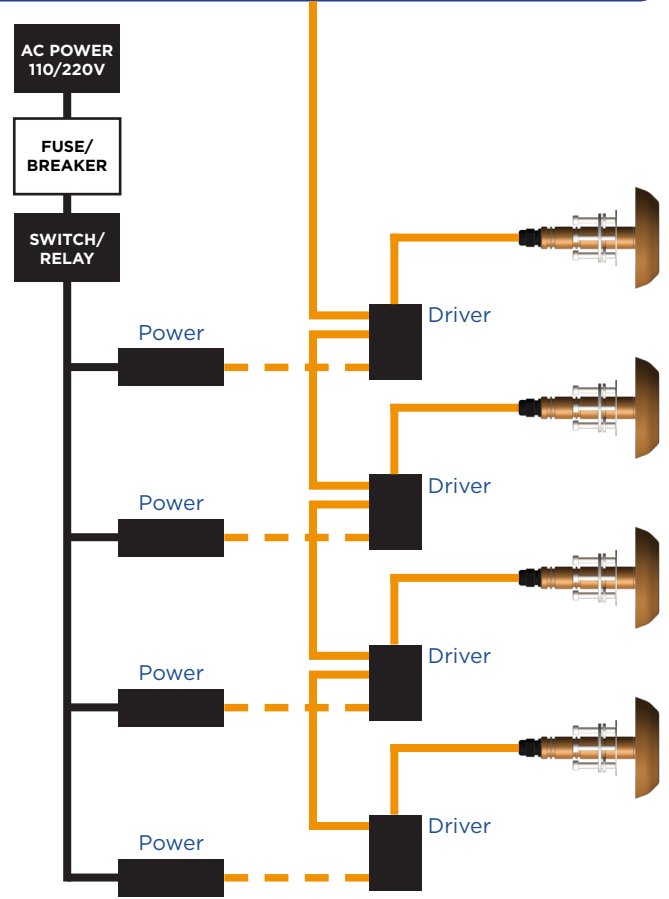
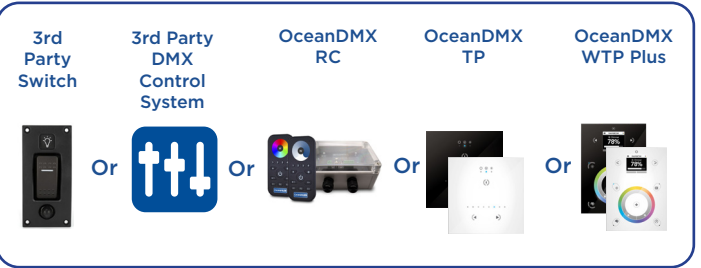
Isolation Kit

Isolation Kit (019914) must be used if installing the TH on metal, carbon fibre or wooden hulled yachts.



CONTROL OPTIONS SCHEMATIC

Explore TH Lighting System Control Options



Built In Fault Finding

The Explore E6 and E7 TH have a built-in indicator LED on the driver. 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.

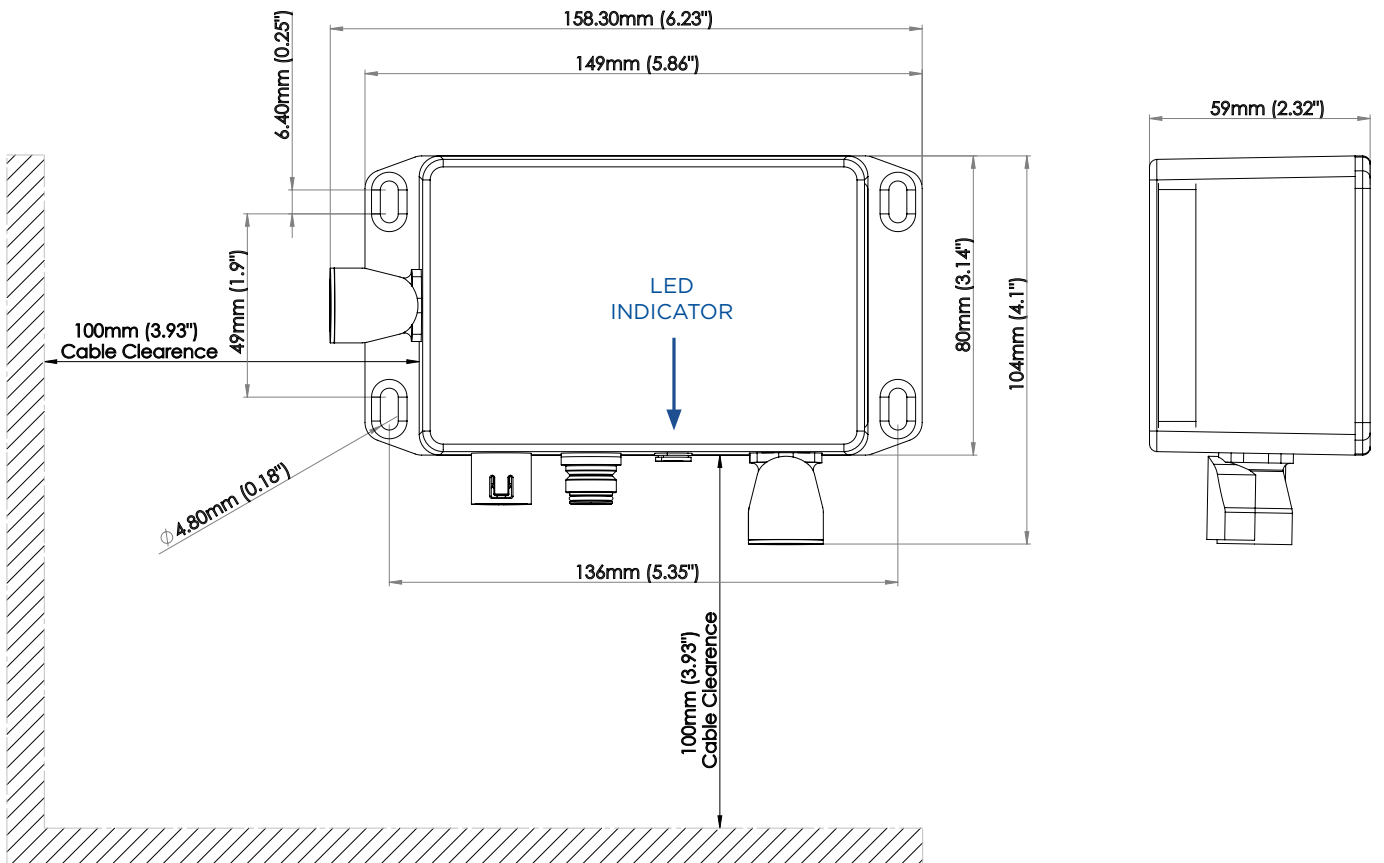
OCEANLED CUSTOM PROJECT SUPPORT

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.

LIGHT



DRIVER



BOX CONTENTS

Explore E6 or E7 TH Light Assembly & Clamping Kit
Driver
In-line Fuse Kit
Product Manual

ACCESSORIES PART

DC Power Kit	#019903
AC Power Kit	#019904
Switch / 3rd Party Control Input Kit	#012923
Delrin Isolation Kit	#019914
Control Link Cable (3m)	#012924
Control Link Cable (5m)	#012925
Control Link Cable (10m)	#012926
Control Link Cable (15m)	#012927
Control Link Cable (20m)	#012928

TECHNICAL

Fixture Lumens (Total light output from a finished fixture)	Dual - 11,000* Colours - 6,000*
Beam Angle	90° x 20°
Angled Optics Options	10°, 20°, 30°, 40° & 50°
Min-Max Operating Voltage DC	10V - 32V DC
Min-Max Operating Voltage AC**	100-240V 50/60Hz
Power	Dual - 113W Colours - 82W
Current / Amp Draw (12V/24V DC)	Dual - 7.8A / 4.7A Colours - 6.8A / 3.2A
Current / Amp Draw (110V/230V AC)	Dual - 1,190mA / 570mA Colours - 830mA / 400mA
Driver Type	External
Correlated Colour Temp.	6500K White
No of LEDs	Dual - 18 W, 17 B Colours - 25 R, 19 G, 20 B, 20 W
IP Rating	IP69k Front Face, When Installed
Temporary Rear Submersion Protection	Yes
Active Thermal Control (ATC)	Yes

MOUNTING RECOMMENDATIONS

Boat Size	20m +
Transom / Hull spacing	0.5 - 1.2m (2-4')
Installation depth below waterline	25 - 30cm (10-12")

PHYSICAL (LIGHT)

Diameter of Body	110mm (4.33")
Profile of Body	26mm (1")
Overall Length	152mm (5.98")
Minimum Withdrawal Space Required	212mm (8.35")
Hole Cut-Out	25mm (0.94")
Total Weight	1.06kg (3.5lbs)
Light Body Material	AB2 Aluminium Bronze Aluminium
Optics	Linear Micro-Faceted Reflector

PHYSICAL (DRIVER)

Diameter	104mm (4.10")
Height	59mm (2.32")
Length	149mm (5.86")
Material	Aluminium
Total Weight	0.60kg (1.3lbs)

WARRANTY

Warranty	3 Years
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*Ultra White Measurement **With AC Power Kit