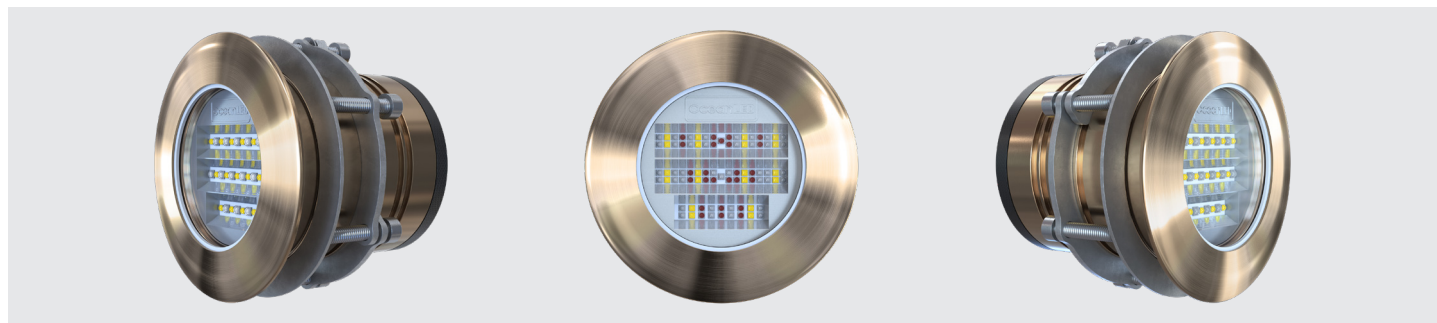


# PRODUCT GUIDE/overview

## EXPLORE E6 (XFM)

OceanLED



### KEY FEATURES



11,000\*  
Fixture Lumens



90°  
Top Beam



20°  
Side Beam



Rectangular  
Beam Shape

\* White measurement of E6009BW Dual White/Blue

### COLOUR PART#



Midnight Blue



Ultra White



Dual White/Blue



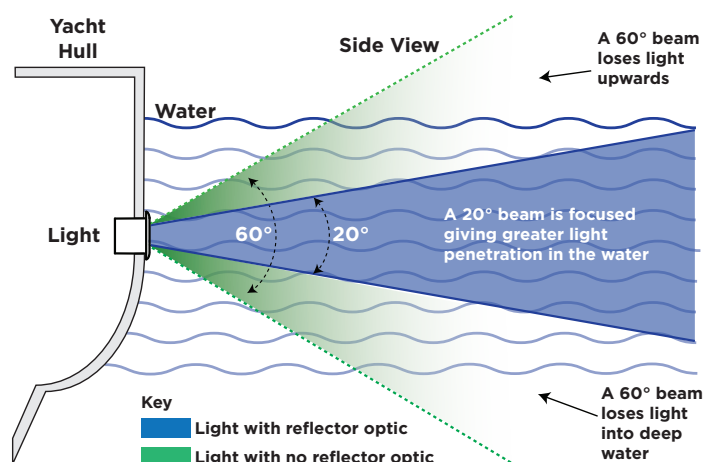
Colours DMX

### LESS POWER USED AND SUPERIOR LIGHTING EFFECT



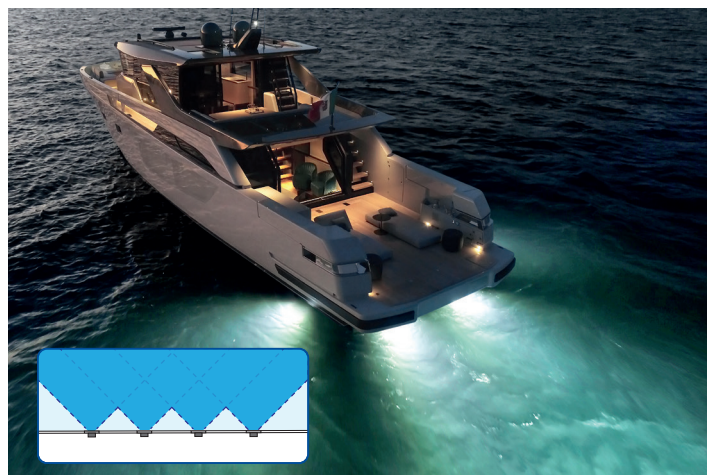
#### Less power used to deliver superior light effect due to advanced Optics

- 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.



#### Explore Series 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.



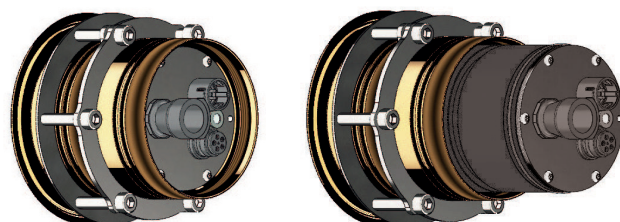
### IP69k SUPERIOR PROTECTION, TOTAL PEACE OF MIND



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.

### XCHANGEABLE FLUSH MOUNT (XFM)

XFM models, or Xchangeable Flush Mount, are just that – they are exchangeable without hauling should servicing ever be needed.



### INTERNAL DRIVER

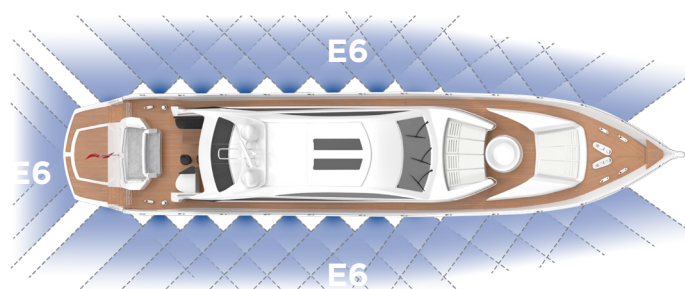
The compact size and built in driver mean less space is required inside the boat, allowing installation in tight areas.

### LOW PROFILE

The ultra low profile bezel has no effect of the flow of water against the hull.



### EXPLORE E6 HALO EFFECT



# PRODUCT GUIDE/installation

## EXPLORE E6 (XFM)

OceanLED

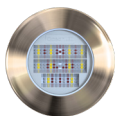
### EXPLORE E6 CHOOSE YOUR LIGHT SETUP

#### LIGHT



#### OPTION 1

#E6009B  
Explore E6 (Midnight Blue)  
• Light Assembly



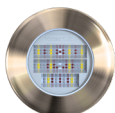
#### OPTION 2

#E6009W  
Explore E6 (Ultra White)  
• Light Assembly



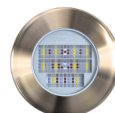
#### OPTION 3

#E6009BW  
Explore E6 (Dual)  
• Light Assembly



#### OPTION 4

#E6009CD  
Explore E6 (Colours)  
• Light Assembly



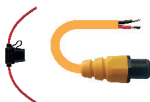
#### POWER



Choose either DC or AC Power Kits

#### OPTION 1

#019903  
DC POWER KIT  
• Power Cable  
• Fuse Kit



#### OPTION 2

#019904  
AC POWER KIT  
• Power Pack  
• Power Link Cable



#### CONTROL



Choose a control method

(Each control option comes with a 5m control input cable kit)

#### OPTION 1

Marine Switch on/off (3rd Party)  
See Installation Guide  
(FOR SINGLE COLOUR LIGHTS)



#### OPTION 2

OceanDMX RC Explore Kit  
• OceanDMX RC Remote  
• OceanDMX RC Receiver  
See OceanDMX RC Guide



#### OPTION 3

OceanDMX TP (Dual)  
• DMX Touch Controller  
• #012923 Control Input Kit  
#013003 (Black)  
#013003W (White)



#### OPTION 4

OceanDMX TP (Colours)  
• DMX Touch Controller  
• #012923 Control Input Kit  
#013001 (Black)  
#013001W (White)



#### OPTION 5

OceanDMX WTP PLUS (Dual)  
• DMX WiFi Controller  
• #012923 Control Input Kit  
#013011 (Black)  
#013011W (White)



#### OPTION 6

OceanDMX WTP PLUS (Colours)  
• DMX WiFi Controller  
• #012923 Control Input Kit  
#013010 (Black)  
#013010W (White)



#### LINK



Select quantity of control links cables

(You need one cable less than the total number of lights)  
(Not required for single colour lights)

Control Link Cable (3m)  
#0129424

Control Link Cable (5m)  
#0129425

Control Link Cable (10m)  
#0129426

Control Link Cable (15m)  
#0129427

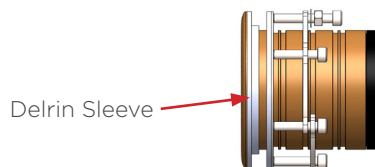


Control Link Cable (20m)  
#0129428

### EXPLORE XFM ACCESSORIES

#### Isolation Kit

Isolation Kit (001-500638) must be used if installing the E6 on metal, carbon fibre and wooden hulled yachts.



Delrin Sleeve

#### Extension Kit

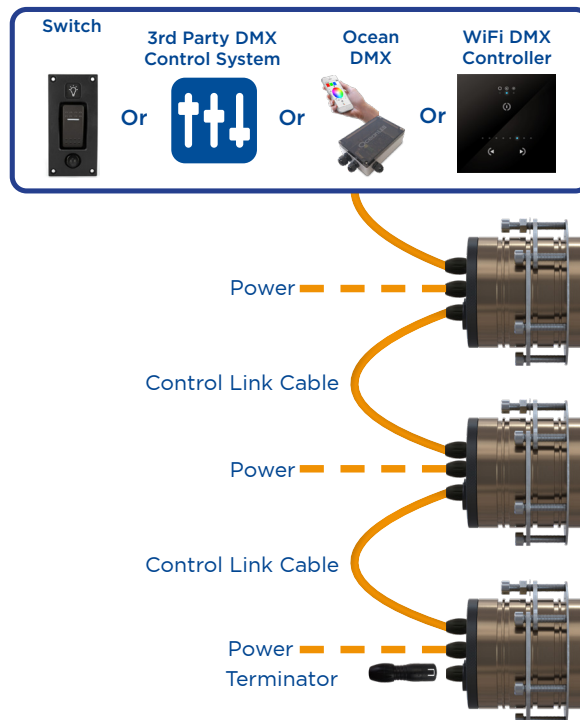
Extension kit is required for hulls thicker than 55mm.



### CONTROL OPTIONS SCHEMATIC (Single Colour)



### CONTROL OPTIONS SCHEMATIC (Dual & Colours DMX)



# PRODUCT GUIDE/dimensions

## EXPLORE E6 (XFM)



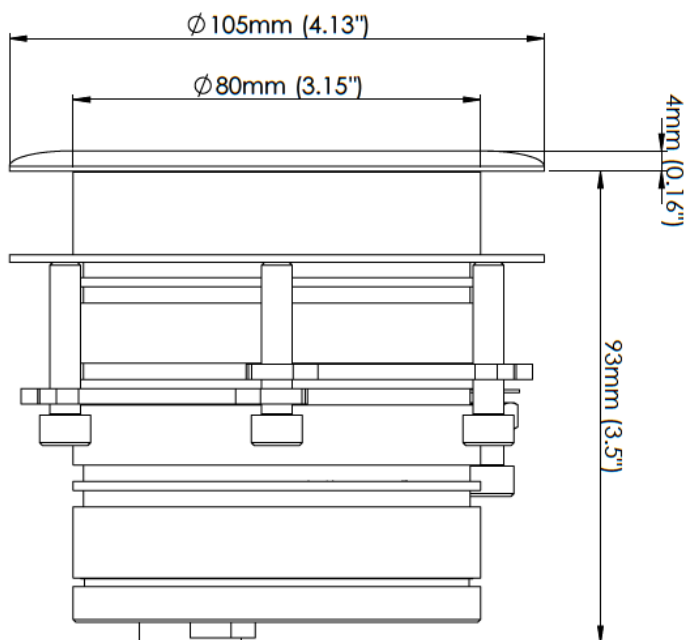
### Built in Fault Finding

The Explore E6 dual and colours DMX 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.

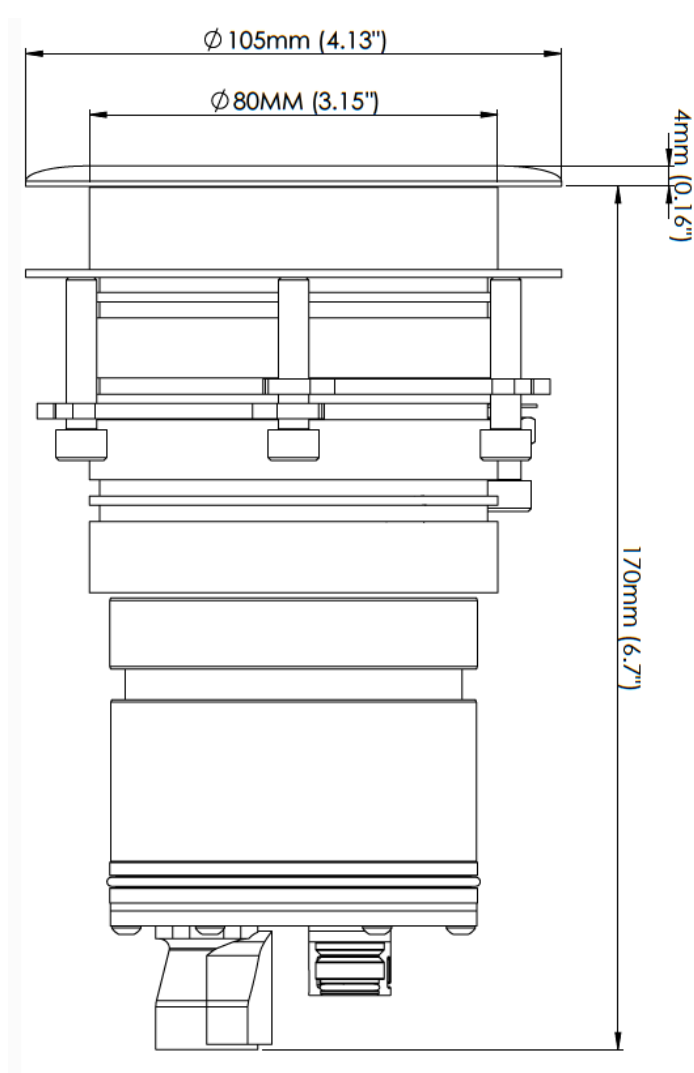
### OCEANLED CUSTOM PROJECT SUPPORT

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.

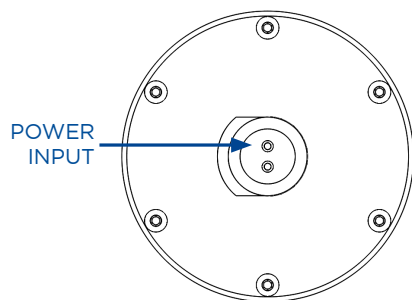
### LIGHT CARTRIDGE INSTALLED



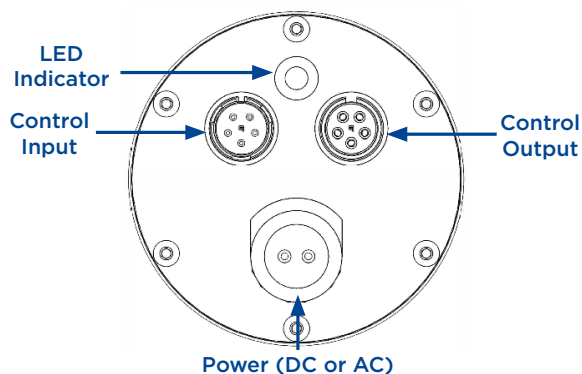
### LIGHT CARTRIDGE WITHDRAWN



### REAR OF LIGHT (Single Colour)



### REAR OF LIGHT (Dual & Colour DMX)



# PRODUCT GUIDE/technical

## EXPLORE E6 (XFM)



BOX CONTENTS	
Explore E6 Light Assembly & Clamping Kit	
In-line Fuse Kit	
Product Manual	
ACCESSORIES	PART
DC Power Kit	#019903
AC Power Kit	#019904
Rear Enclosure	#091191
Switch / 3rd Party Control Input Kit	#012923
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)	Single - 11,000* Dual - 11,000* Colours - 6,000*
Beam Angle	90° x 20°
Min-Max Operating Voltage DC	10V - 32V DC
Min-Max Operating Voltage AC**	100-240V 50/60Hz
Power	Single/Dual - 113W Colours - 82W
Current / Amp Draw (12V/24V DC)	Single/Dual - 7.8A / 4.7A Colours - 6.8A / 3.2A
Current / Amp Draw (110V/230V AC)	Single - 1,190mA / 570mA Dual - 1,190mA / 570mA Colours - 830mA / 400mA
Driver Type	Internal
Correlated Colour Temp.	6500K White
No of LEDs	Single/Dual - 18 W, 17 B Colours - 25 R, 19 G, 20 B, 20 W
IP Rating	IP69k Front Face, When Installed
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	
Total Diameter of Flange	105mm (4.13")
Diameter of Body	80mm (3.15")
Profile of Flange	4mm (0.16")
Overall Length	97mm (3.8")
Minimum Withdrawal Space Required	170mm (6.55")
Hole Cut-Out - Standard - With Isolating Kit	83mm (3.25") 89mm (3.5")
Max Hull Thickness - Standard - Extension Kit	55mm (2.16") 119mm (4.7")
Total Weight	1.25kg (2.76lbs)
Mounting Tube Material Light Body Material	AB2 Aluminium Bronze Aluminium
Optics	Linear Micro-Faceted Reflector
APPROVALS & WARRANTY	
RINA, ABS	
Warranty	3 Years