

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



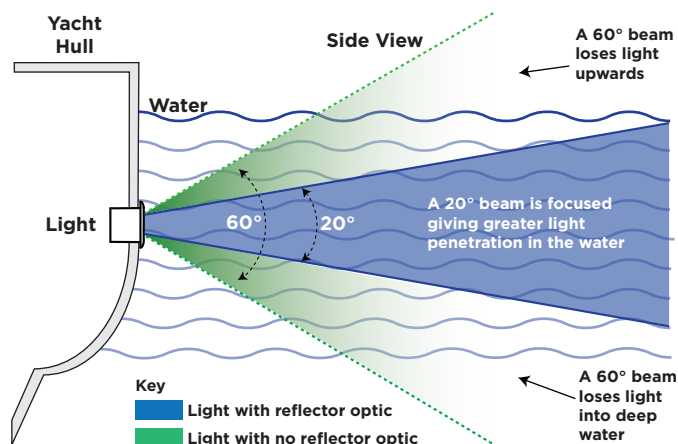
Colours DMX

LESS POWER USED AND SUPERIOR LIGHTING EFFECT



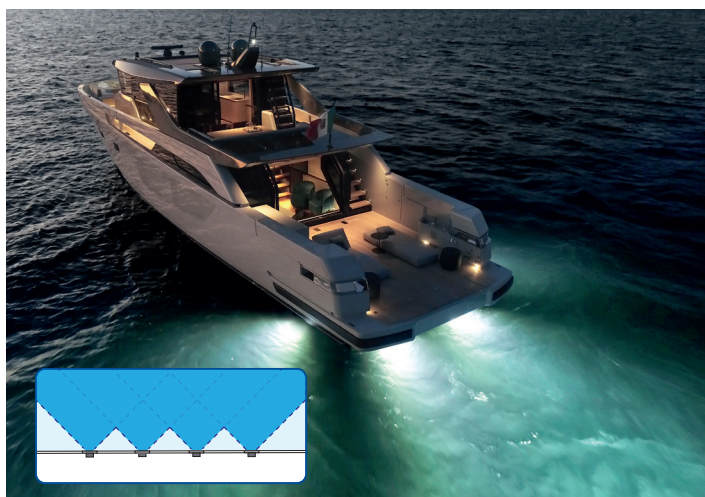
Less power used to deliver superior light effect due to advanced Optics

- 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



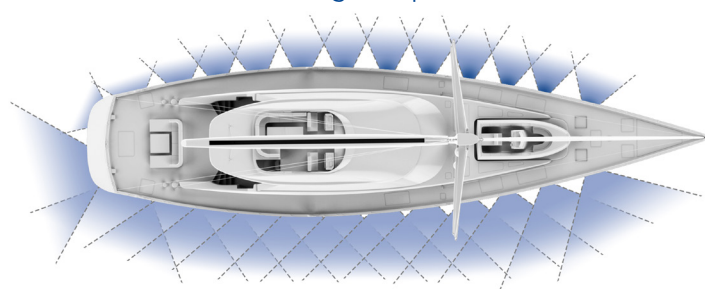
IP69k, the highest achievable rating of protection against water ingress. IP69k goes one step further than the industry standard IP68, giving you additional protection and peace of mind.

BENEFITS OF E7 ANGLED OPTICS

Create A Uniform Lighting Effect Around Your Yacht

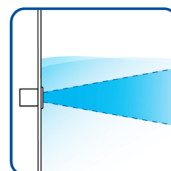
- Choice of Angled optics to counter the hull shape.
- 10°, 20°, 30°, 40° & 50°.
- 0° available as compatible E6.

Without Angled Optics

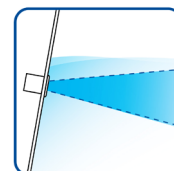


With Angled Optics

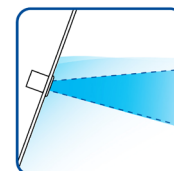
The new Explore E7 allows the lights to be internally angled up to 50° in 10° increments to counter the hull. This ensures all the light is delivered where required, producing the best possible, uniform lighting effect; a complete halo of light around the yacht.



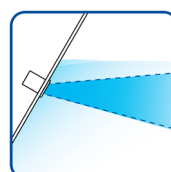
0° (E6)



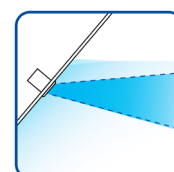
10° (E7)



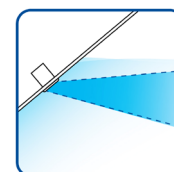
20° (E7)



30° (E7)



40° (E7)



50° (E7)

EXPLORE E7 CHOOSE YOUR LIGHT SETUP

Choose Either Dual Or Colours

Explore E7 (Dual)
• Light Assembly



Choose Internal Beam Angling

OPTION 1

0°
#E6009BW
• E6 Dual - 0°
#E6009CD
• E6 Colours - 0°

OPTION 2

10°
#E7019BW
• E7 Dual - 10°
#E7019CD
• E7 Colours - 10°

OPTION 3

20°
#E7029BW
• E7 Dual - 20°
#E7029CD
• E7 Colours - 20°

OPTION 4

30°
#E7039BW
• E7 Dual - 30°
#E7039CD
• E7 Colours - 30°

OPTION 5

40°
#E7049BW
• E7 Dual - 40°
#E7049CD
• E7 Colours - 40°

OPTION 6

50°
#E7059BW
• E7 Dual - 50°
#E7059CD
• E7 Colours - 50°



Choose either DC or AC Power Kits

OPTION 1

#019903
DC POWER KIT (1.5m)
• DC Power Cable
• Fuse Kit



OPTION 2

#019904
AC POWER KIT (1.5m)
• 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 - Option 1)

OPTION 1

#012923
Switch / 3rd Party Control Input Kit
• Control Input Cable
• Terminator



OPTION 2

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



OPTION 3

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



OPTION 4

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



OPTION 5

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



OPTION 6

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

#012924
Control Link Cable (3m)
Select the quantity required (N.B. 1 cable less than No. of lights)

OPTION 2

#012925
Control Link Cable (5m)
Select the quantity required (N.B. 1 cable less than No. of lights)

OPTION 3

#012926
Control Link Cable (10m)
Select the quantity required (N.B. 1 cable less than No. of lights)

OPTION 4

#012927
Control Link Cable (15m)
Select the quantity required (N.B. 1 cable less than No. of lights)

OPTION 5

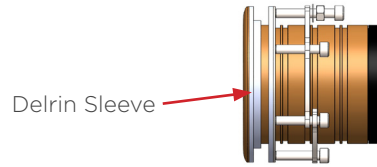
#012928
Control Link Cable (20m)
Select the quantity required (N.B. 1 cable less than No. of lights)



EXPLORE XFM ACCESSORIES

Isolation Kit

Isolation Kit (001-500638) must be used if installing the E7 on metal, carbon fibre and wooden hulled yachts.



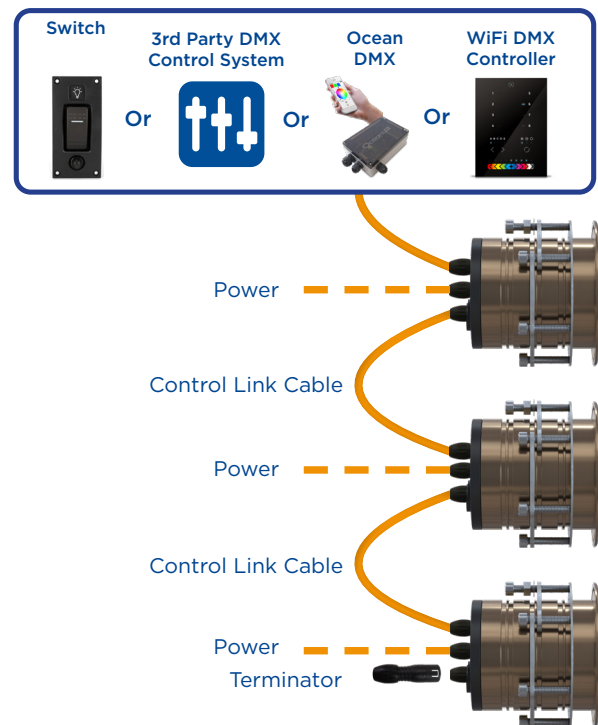
Delrin Sleeve

Extension Kit

Extension kit is required for hulls thicker than 55mm.



CONTROL OPTIONS SCHEMATIC



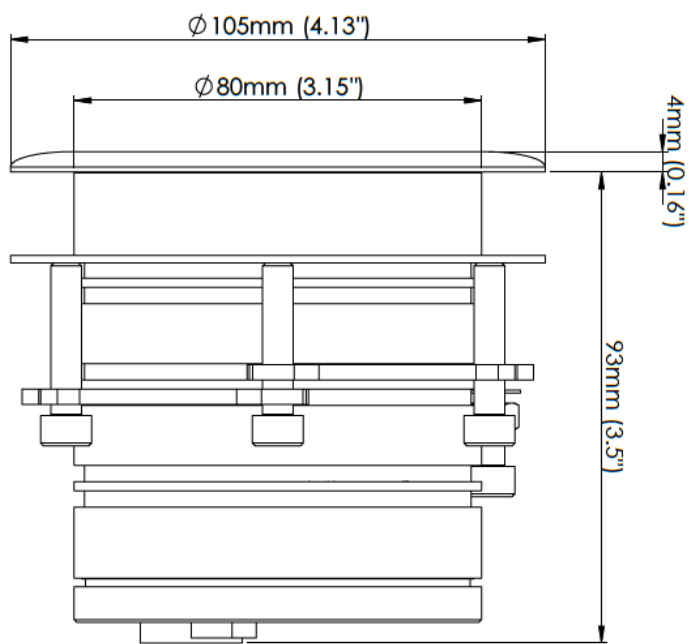
Built In Fault Finding

The Explore E7 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.

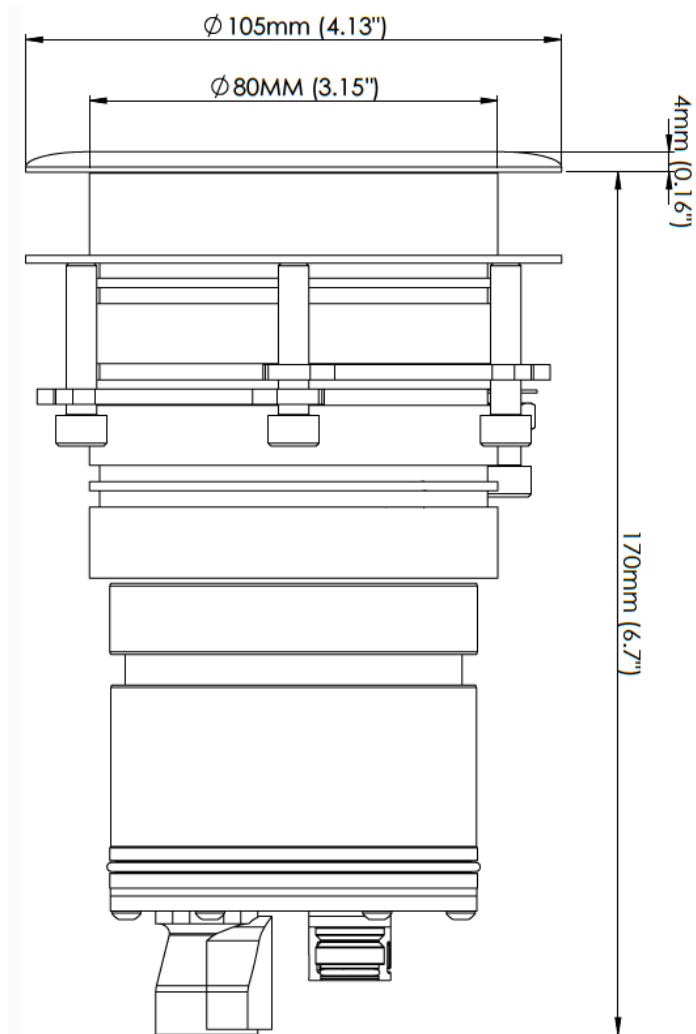
OCEANLED CUSTOM PROJECT SUPPORT

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.

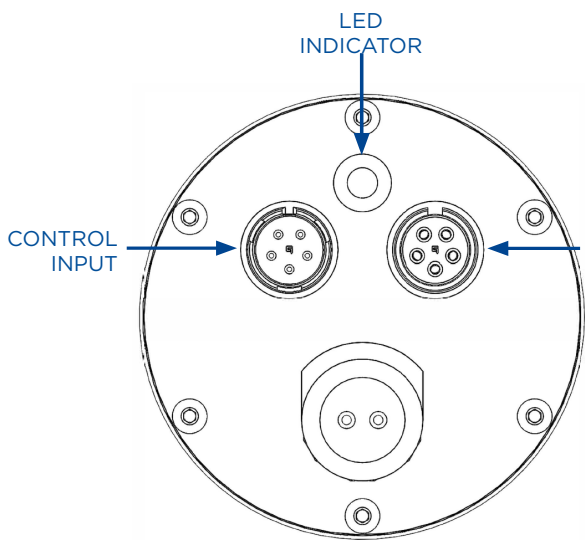
LIGHT CARTRIDGE INSTALLED



LIGHT CARTRIDGE WITHDRAWN



REAR OF LIGHT




PRODUCT GUIDE/technical

EXPLORE E7 (XFM)



BOX CONTENTS	
Explore E7 Light Assembly & Clamping Kit	
In-line Fuse Kit	
Product Manual	
ACCESSORIES	PART
DC Power Kit	#019903
AC Power Kit	#019904
Swit / 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)	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	Internal
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
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