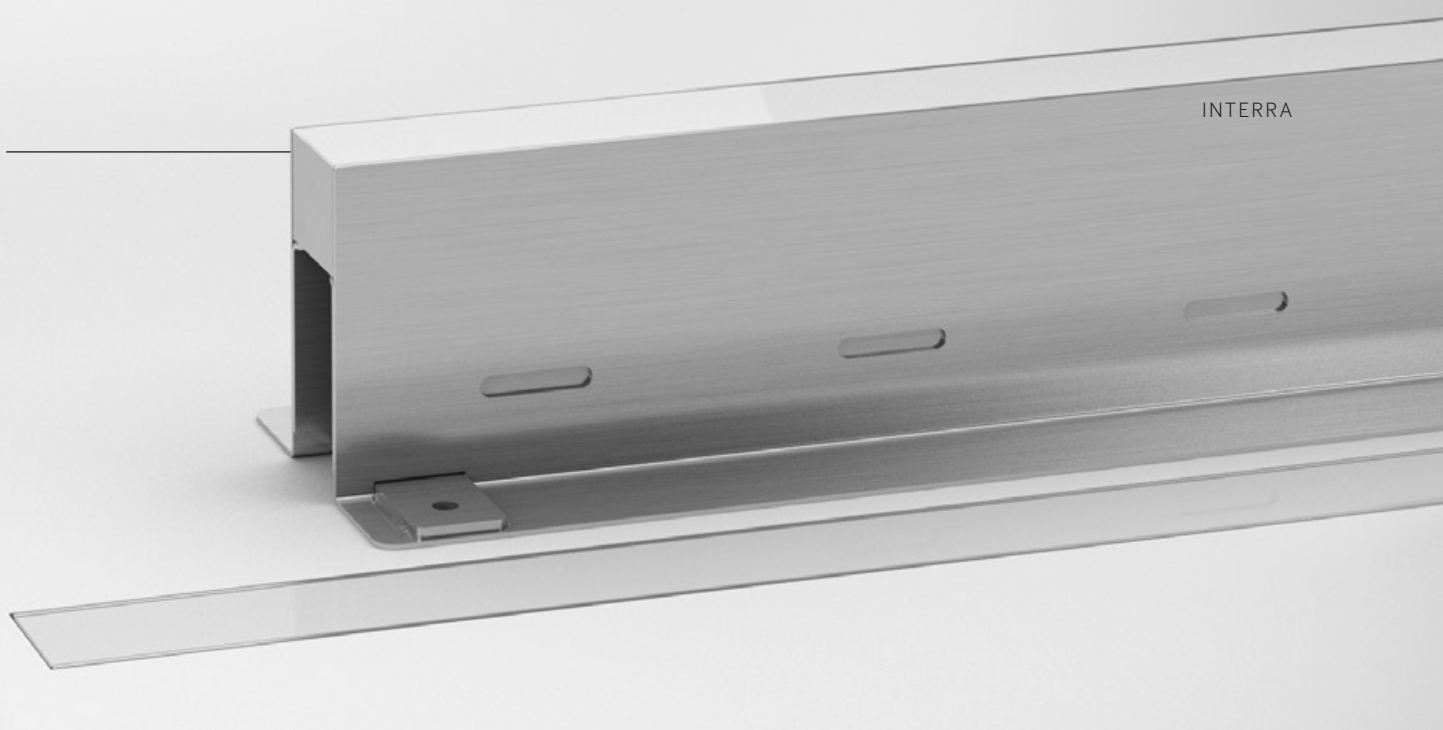




INTERRA


IN-GROUND LINEAR LED LNR-INTERRA





Interra is an IP67 in-ground luminaire available in various lengths and colour temperatures. Interra is designed to allow multiple units to be placed end-to-end and produce continuous illumination void of obvious breaks.

Made from marine-grade stainless-steel base and an interlocking seamless, diffused acrylic luminaire, Interra provides a completely uniform illuminated surface.

POWER	LUMINOUS FLUX
16W 16W / metre	 SD • 500 lm / metre
COLOUR TEMPERATURE	
<div><div></div><div></div><div></div><div></div></div> <div>2700K3000K4000K5000K</div>	

MULTIPLE CONFIGURATIONS

Interra is offered in three different lengths and various CCTs, providing a highly configurable, cutting edge linear in-ground fitting.



ENGINEERED TO LAST

Interra has been engineered for harsh trafficable environments, out of the highest quality materials. Featuring solid acrylic and a stainless-steel base, Interra is designed to meet local and overseas standards.

L90

LONG OPERATING LIFE

Coolon products use the world's most reputable LED manufacturers and the latest available standards to adequately report lumen maintenance. We strive to drive LEDs under their nominal current and use state-of-the-art heat dissipation methods, leading to durable electronics



VARIOUS CCT & COLOUR BINNING CONSISTENCY

All products are offered in various colour temperatures, and manufactured using tighter bins, ensuring excellent consistency and uniformity.

5
YEARS

5 YEARS WARRANTY

Coolon luminaires are covered by a solid comprehensive manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.



PROUDLY MADE IN AUSTRALIA

Our products are designed and manufactured in Australia. Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

TECHNICAL SPECIFICATIONS

	INTERRA-S1	INTERRA-S2	INTERRA-S3
Product Code	LNR-INTERRA-S1	LNR-INTERRA-S2	LNR-INTERRA-S3
Length	310mm	610mm	910mm
Operating Voltage	42VDC		
Colour Temperature	2700K, 3000K, 4000K, 5000K		
Typical Power Consumption	5W Max	10W Max	15W Max
Typical Current	120mA	240mA	360mA
Dimmable	Through DRV-DALIPOINT-IP-10A, DRV-DIMMERPOINT-1X10A (indoor)		
Ambient Operating Temperature	Ta -10°C to +40°C		
Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, If = 65mA)	L70 (12K) > 72,000 hours L90 (12K) = 59,000 hours Interra max. operating values (@ Ts = 40°C, If = 15mA)		
IP Rating	IP67		
IK Rating	IK10		
	<ul style="list-style-type: none"> Luminaire must be installed according to instructions in order to guarantee rating Drive over 2 tonne tested with air-filled tyres 		
Material Composition (Body)	Stainless Steel 316		
Material Composition (LED Luminaire)	PMMA		
Material Composition (End Block)	Stainless Steel 316		

CARE INSTRUCTIONS

✓ **ONLY USE** the following cleaning agents to wash the face of the Interra luminaire:

- Alcohol (under 30%)
- Soda solution
- Hydrogen peroxide (under 20%)
- Soap solution
- Ammonia, aqueous solution

✗ **DO NOT** use any of the following cleaning agents on the Interra Luminaire:

- Alcohol (absolute)
- Perchloroethylene
- Turpentine
- Carbon tetrachloride
- Petrol mixture (containing benzene)
- Turpentine substitute
- Methylated spirits
- Solvent stain removers
- Paraffin
- Trichloroethylene

✗ **DO NOT** use the following chemicals near the Interra Luminaire:

- Carbon acid (disinfectant)
- Thinners, (general - paint)
- Aqueous solutions of pesticides
- Hydrogen peroxide (over 20% - disinfectant)
- Bituminous emulsion (building materials and protective agents for buildings)
- Nail polish
- Surgical spirit (disinfectant)
- Hot bitumen (building materials and protective agents for buildings)
- Nail polish remover
- Tincture of iodine (5% - disinfectant)
- Sodium hypochlorite
- Nitrocellulose (paint)

APPLICATIONS

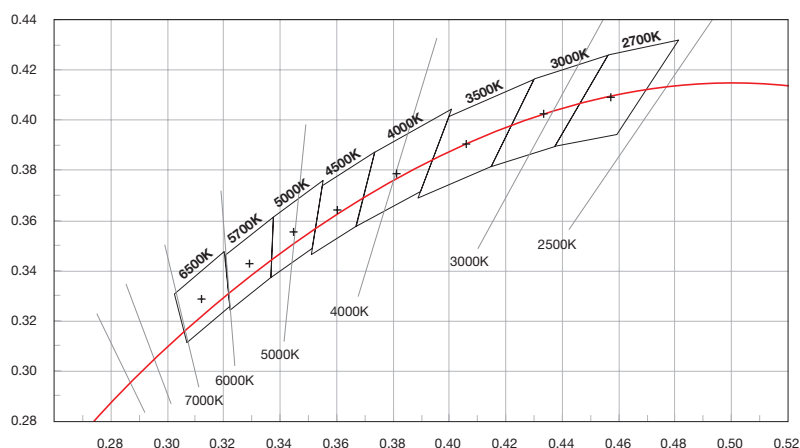
✓ Interra luminaire is suitable for use in applications that include:

- Prolonged exposure to sea water

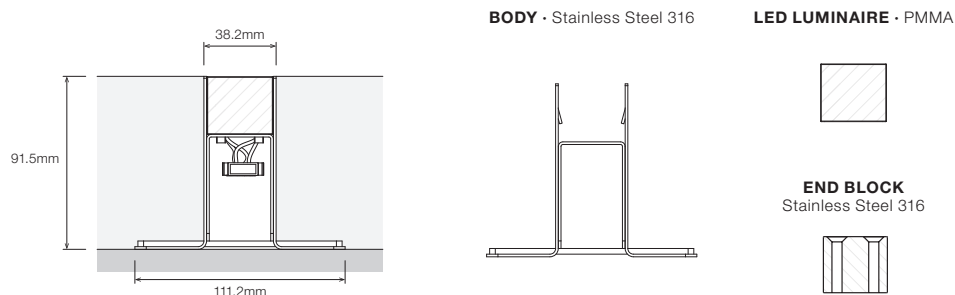
✗ **DO NOT** use Interra luminaire in applications that include

- Any exposure to chlorine liquid
- Prolonged exposure to chlorine water

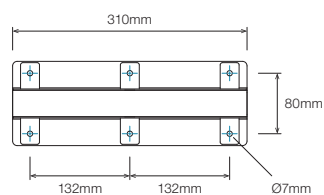
COLOUR BINNING



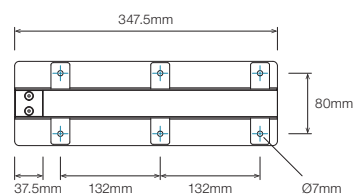
DIMENSIONS



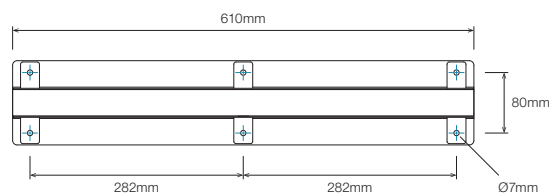
INTERRA S1



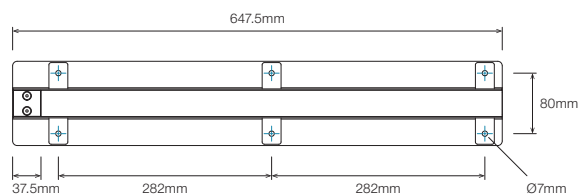
INTERRA S1B • End Piece



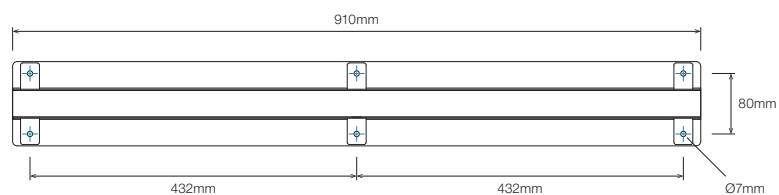
INTERRA S2



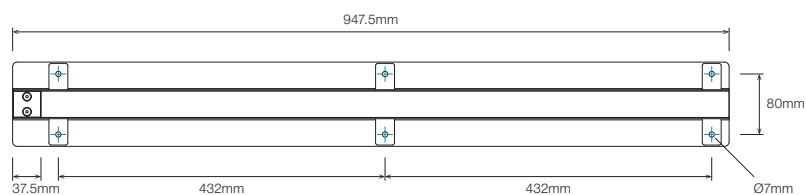
INTERRA S2B • End Piece



INTERRA S3



INTERRA S3B • End Piece



WIRING CONFIGURATION

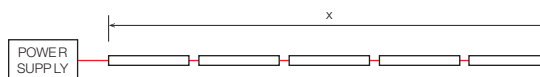
CONNECTOR TYPE	DRAWING	MALE	FEMALE
OC4MO Outdoor Connector 4pin Male Only			
OC4MF Outdoor Connector 4pin Male + Female			

- Typical Loom Length 1,000mm.
- Extension cables between LED fittings and driver or PSU is achievable depending on LED load, outdoor or indoor applications. Please consult Coolon for details.

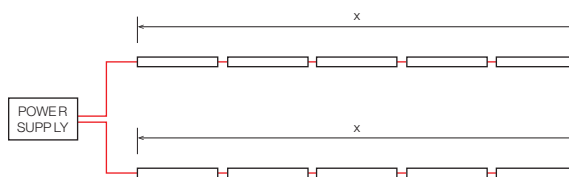
WIRING COLOUR CODE	
Red	Positive / +42VDC
Brown	Positive / +42VDC
Yellow	Negative / Ground
Orange	Negative / Ground

INSTALLATION LIMITS

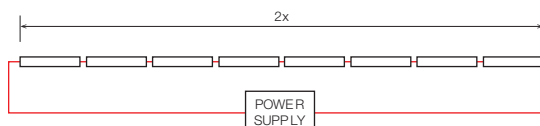
SCENARIO 1



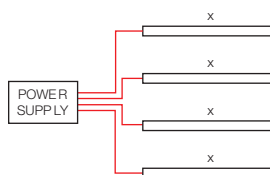
SCENARIO 2



SCENARIO 3



SCENARIO 4

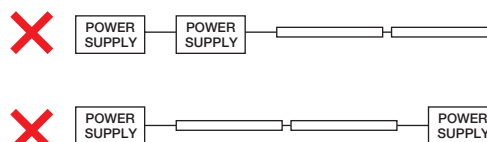


MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

10,000 mm	With standard outdoor 4 pin connectors (OC4MO / OC4MF)
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⚠ WARNING

Avoid connecting multiple power supplies into a single circuit, unless they are specifically designed to do so.



ORDERING EXAMPLE

LNR - INTERRA - 16W - 3.0K - S1 - IP67



■ WATTAGE

16W	16.8W per metre
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■ COLOUR TEMPERATURE PAGE 04

2.7K	2700K
3.0K	3000K
4.0K	4000K
5.0K	5000K



■ PRODUCT LENGTH PAGE 05

S1	310mm
S2	610mm
S3	910mm
S1B	347.5mm End Piece
S2B	647.5mm End Piece
S3B	947.5mm End Piece

■ IP RATING

IP67	Outdoor Use
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ACCESSORIES

	PRODUCT CODE	DESCRIPTION
POWER SUPPLY		
	PWR-HLG-60H-42AU	Mean Well Power Supply HLG 60W 42V IP67
	PWR-HLG-150-42AU	Mean Well Power Supply HLG 150W 42V IP67
	PWR-HLG-240-42AU	Mean Well Power Supply HLG 240W 42V IP67
DRIVER		
	DRV-DALIPOINT-1X5A	DALI 5 Amps 1 Channel LED Driver
	DRV-DALIPOINT-1X10A-IP	DALI 10 Amps 1 Channel Outdoor LED Driver
	DRV-DIMMERPOINT-1X10A	Rotary Wall-Mount LED Driver
	DRV-RDM-P4	DMX/RDM 4 Channel LED Driver
	DRV-RDM-IP-P4	Outdoor DMX/RDM 4 Channel LED Driver