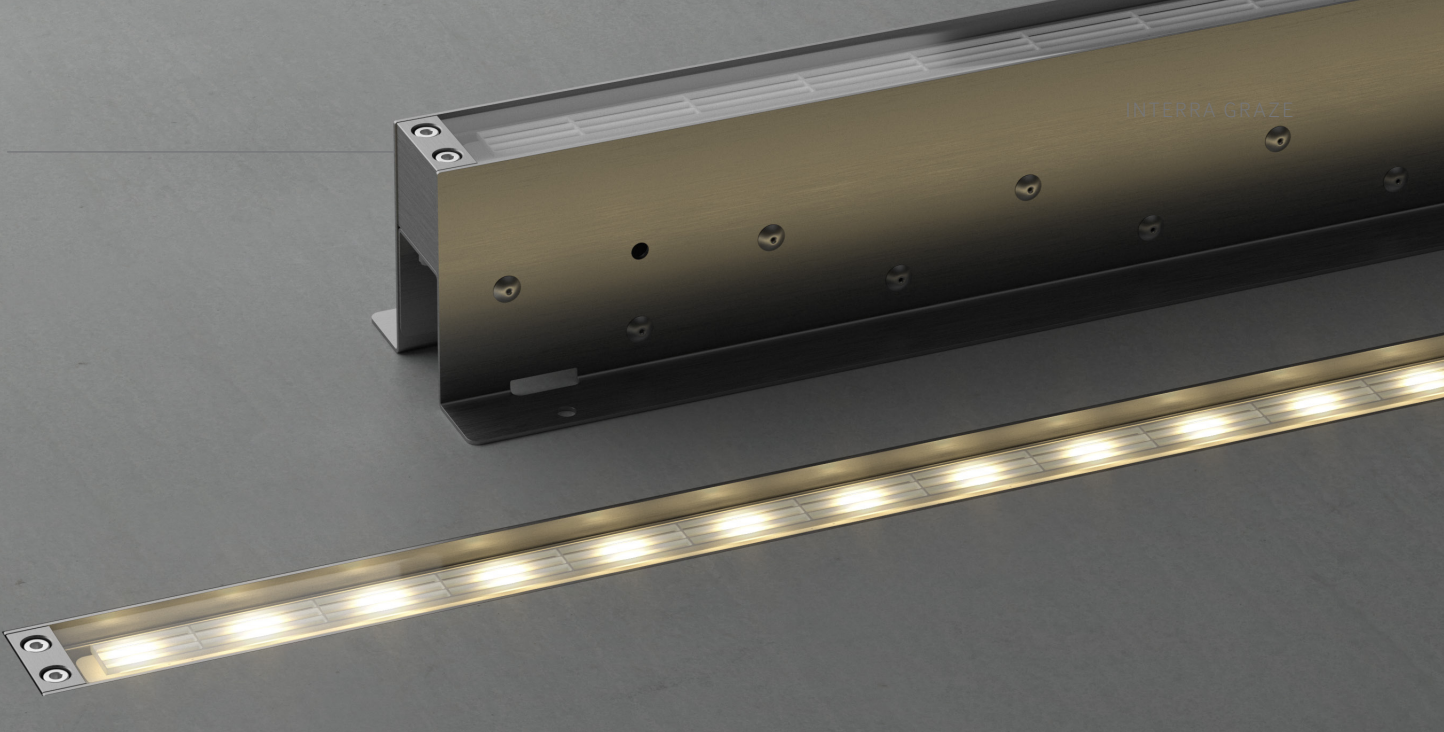




INTERRA GRAZE

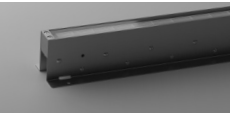
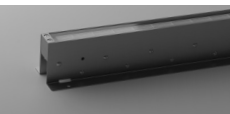
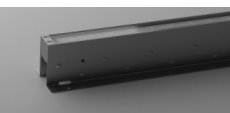
IN-GROUND LINEAR LED LNR-INTERRA GRAZE





Interra Graze is an IP67 in-ground luminaire, available in two lengths, various optical choices and colour temperatures. The Interra Graze is designed to allow multiple units to be placed end-to-end to produce a seamless illumination void of obvious breaks.

Made from marine grade stainless steel and compliment with a clear precision machined piece of acrylic, the Interra Graze provides unparalleled in-ground illumination.

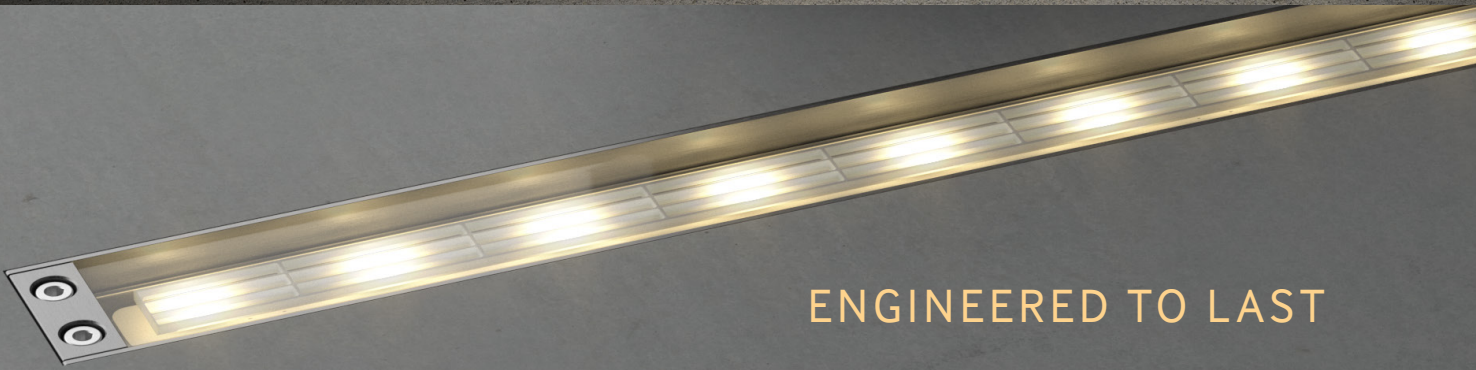
POWER	LUMINOUS FLUX											
8W 8.2W / metre		432 – 584 lm / metre										
		<table border="1"> <thead> <tr> <th></th> <th>30D</th> <th>50D</th> <th>70D</th> <th>O4030D</th> </tr> </thead> <tbody> <tr> <td>3000K</td> <td>584 lm / metre</td> <td>571 lm / metre</td> <td>432 lm / metre</td> <td>514 lm / metre</td> </tr> </tbody> </table>		30D	50D	70D	O4030D	3000K	584 lm / metre	571 lm / metre	432 lm / metre	514 lm / metre
	30D	50D	70D	O4030D								
3000K	584 lm / metre	571 lm / metre	432 lm / metre	514 lm / metre								
16W 16.4W / metre		865 – 1,169 lm / metre										
		<table border="1"> <thead> <tr> <th></th> <th>30D</th> <th>50D</th> <th>70D</th> <th>O4030D</th> </tr> </thead> <tbody> <tr> <td>3000K</td> <td>1,169 lm / metre</td> <td>1,142 lm / metre</td> <td>865 lm / metre</td> <td>1,028 lm / metre</td> </tr> </tbody> </table>		30D	50D	70D	O4030D	3000K	1,169 lm / metre	1,142 lm / metre	865 lm / metre	1,028 lm / metre
	30D	50D	70D	O4030D								
3000K	1,169 lm / metre	1,142 lm / metre	865 lm / metre	1,028 lm / metre								
24W 24.7W / metre		1,297 – 1,753 lm / metre										
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	30D	50D	70D	O4030D								
3000K	1,753 lm / metre	1,713 lm / metre	1,297 lm / metre	1,542 lm / metre								

COLOUR TEMPERATURE



MULTIPLE CONFIGURATIONS

The Interra Graze is designed in 2 different lengths, multiple outputs and various CCTs, providing a highly configurable, cutting edge linear in-ground fitting.



ENGINEERED TO LAST

The Interra Graze has been engineered for harsh trafficable environments, out of the highest quality materials. Complimented by acrylic and stainless steel base, the Interra Graze is designed to meet local and overseas standards.



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 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 GRAZE-S1	INTERRA GRAZE-S3
Product Code	LNR-INTERRA GRAZE-S1	LNR-INTERRA GRAZE-S3
Length	304mm	911mm
Operating Voltage	24V	
Colour Temperature	2700K, 3000K, 4000K	
Typical Current	(8W/m): 0.1Amp, 2.4W (16W/m): 0.2Amp, 4.8W (24W/m): 0.3Amp, 7.2W	(8W/m): 0.3Amp, 7.2W (16W/m): 0.6Amp, 14.4W (24W/m): 0.9Amp, 21.6W
Dimmable	Through CTR-A2PWM 0-10V, CTR-DIMMERLOGIC, CTR-DALILOGIC or CTR-DALILOGIC NEO IP (sold separately)	
Ambient Operating Temperature	Ta -10°C to +40°C	
Thermal Management	Yes (Active)	
Reported Lumen Maintenance TM21-11 @ Ts = 85°C, If = 700mA)	L70 (17K) > 103,000 hours L90 (17K) = 103,000 hours Interra Graze max. operating values (@ Ts = 55°C, If = 300mA)	
IP Rating	IP67	
IK Rating (Excluding cables)	IK10 (Luminaire must be installed according to instructions in order to guarantee rating)	
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)
- Carbon tetrachloride
- Methylated spirits
- Paraffin
- Perchloroethylene
- Petrol mixture (containing benzene)
- Solvent stain removers
- Trichloroethylene
- Turpentine
- Turpentine substitute

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

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

■ APPLICATIONS

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

- Prolonged exposure to sea water

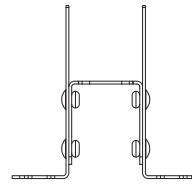
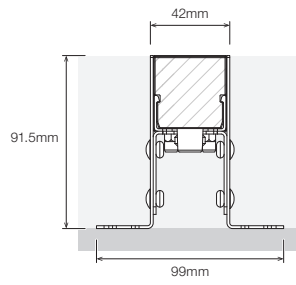
✗ **DO NOT** use Interra luminaire in applications that include

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

■ DIMENSIONS

BODY · Stainless Steel 316

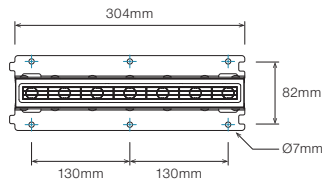
LED LUMINAIRE · PMMA



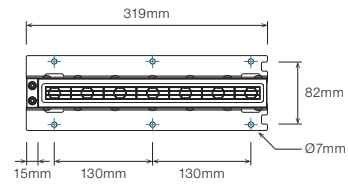
END BLOCK
Stainless Steel 316



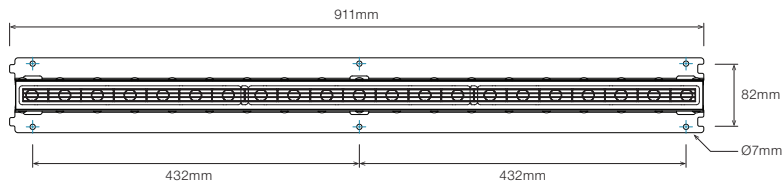
INTERRA GRAZE S1



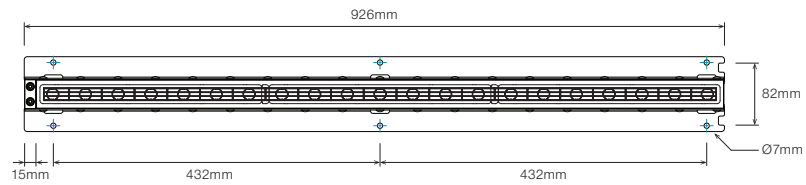
INTERRA GRAZE S1B · End Piece



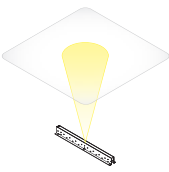
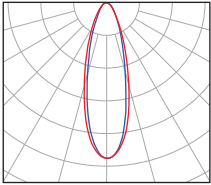
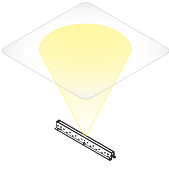
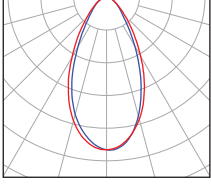
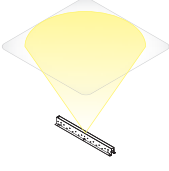
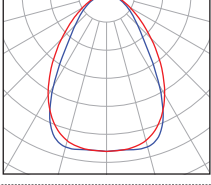
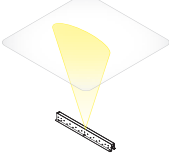
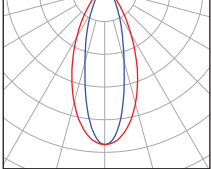
INTERRA GRAZE S3



INTERRA GRAZE S3B · End Piece



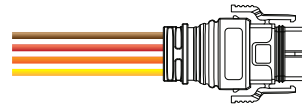
■ POLAR DISTRIBUTION

OPTIC		POLAR DISTRIBUTION
30D Wide Beam 30° Beam Angle		
50D Wide Beam 50° Beam Angle		
70D Wide Beam 70° Beam Angle		
O4030D Oval Beam Oval 40° x 30° Beam Angle		

■ WIRING CONFIGURATION

4 PIN MALE CONNECTOR · OUTDOOR

4 PIN FEMALE CONNECTOR · OUTDOOR

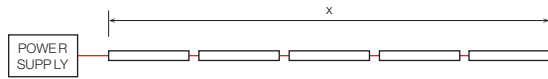


- Typical Loom Length 150mm.
- Standard leader supplied for each run length is 1,000mm (CBL-STR/LNR-FC4FO-DC-L-IP65-1M). For longer extensions of the leader, please refer to Accessories (page 8).
- Extension cables between LED fittings and driver or PSU is achievable depending on LED load, outdoor or indoor applications. Please consult Coolon for details.

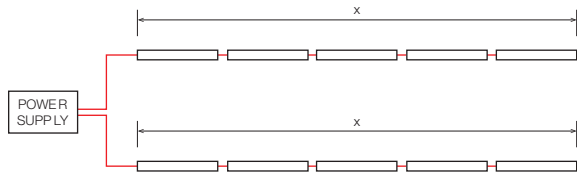
WIRING COLOUR CODE	
Brown	Brightness Control
Red	Positive / +24VDC
Orange	Negative / Ground
Yellow	Negative / Ground

■ INSTALLATION LIMITS

SCENARIO 1

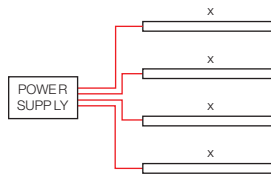


SCENARIO 2



*Junction Box by others

SCENARIO 3



*Junction Box by others

8W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

10,000 mm With standard outdoor 4 pin connectors

16W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

6,000 mm With standard outdoor 4 pin connectors

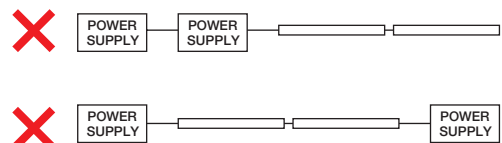
24W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

4,000 mm With standard outdoor 4 pin connectors

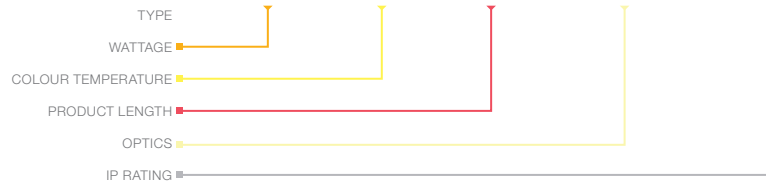
⚠ WARNING

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



ORDERING EXAMPLE

LNR - INTERRA GRAZE - 8W - 3.0K - S3 - O4030D - IP67



WATTAGE

8W	8.2W per metre
16W	16.4W per metre
24W	24.7W per metre

COLOUR TEMPERATURE

2.7K	2700K
3.0K	3000K
4.0K	4000K

PRODUCT LENGTH

S1	304mm
S3	911mm
S1B	319mm End Piece
S3B	926mm End Piece

OPTICS

30D	30° Beam
50D	50° Beam
70D	70° Beam
O4030D	Oval 40° x 30° Beam

IP RATING

IP67	Outdoor Use
------	-------------

ACCESSORIES

	PRODUCT CODE	DESCRIPTION
DRIVER		
	CTR-A2PWM 0-10V	Analogue to PWM converter for 0 – 10V dimming signal
	CTR-DIMMERLOGIC	Coolon Universal Wall Dimmer with 0 – 10V and PWM Logic Output
	CTR-DALILOGIC NEO-OC3MF-OJ3-IP65	Outdoor DALI Point 1 channel Driver with PWM Logic Output
POWER SUPPLY		
	PWR-HLG-60H-24AU	Mean Well Power Supply HLG 60W 24V IP67
	PWR-HLG-150H-24AU	Mean Well Power Supply HLG 150W 24V IP67
	PWR-HLG-240H-24AU	Mean Well Power Supply HLG 240W 24V IP67
CABLE EXTENSIONS		
	CBL-STR/LNR-FC4FO-DC-L-IP65-1M	1m Length, 4 Core 4x 16AWG Leader Flat Cable with Loose Wires and Female Receptacle Outdoor Connector
	CBLEXT-PRJ-WR2.1-IP65-3M	3m Length, 3 Core 2x 14AWG + 1x 18AWG Cable Extension with Outdoor Joiner
	CBLEXT-PRJ-WR2.1-IP65-5M	5m Length, 3 Core 2x 14AWG + 1x 18AWG Extension with Outdoor Joiner
	CBLEXT-PRJ-WR2.1-IP65-10M	10m Length, 3 Core 2x 14AWG + 1x 18AWG Extension with Outdoor Joiner
	600012700	Flat Cable reducer Grommet 11x5.5mm
	CBL-GEN-OC3-DC-J-IP68	3 Pin Outdoor Cable In-line Joiner Connector