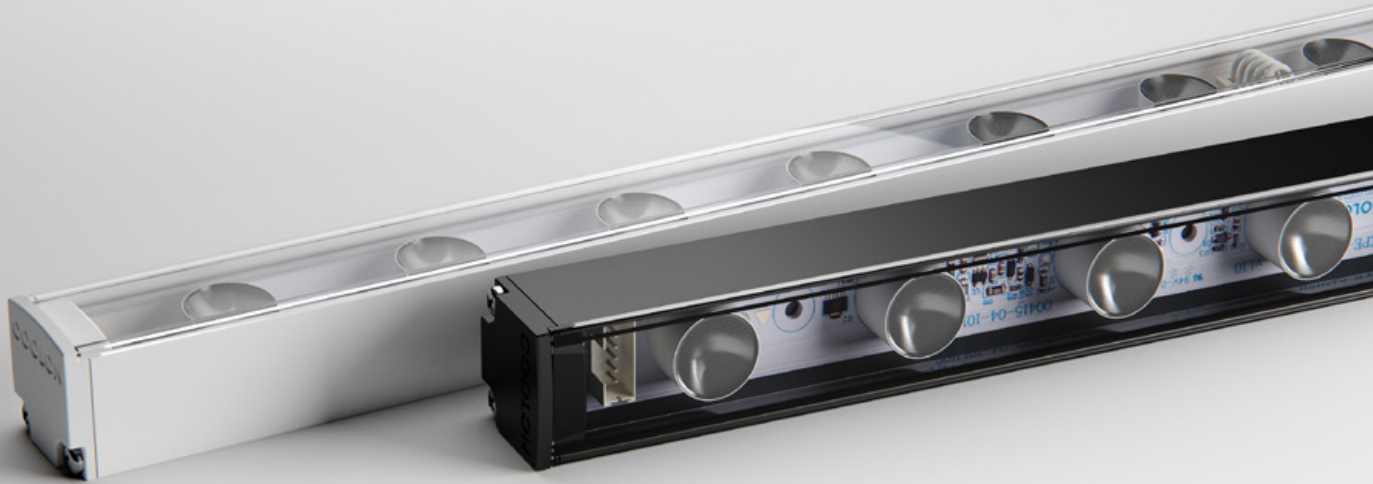


ARIS

LINEAR MEDIUM POWER LNR-ARIS





Aris is a compact and understated linear architectural luminaire.

At 25x25mm in size and available in various lineal lengths and optical options, Aris can be matched in colour temperature exactly to the Aduro, Aduro X2, Ratio, Max Mini, Beam, Mira and Maxis product families.

POWER

33W

33W / metre

LUMINOUS FLUX



SC · 1,600 lm / metre

COLOUR TEMPERATURE

2700K

3000K

3200K

4000K

COMPACT SIZE

Reduced form factor is key on demanding projects where minimal disruption to the aesthetic is important. Aris at 25x25mm can be hidden in the most unassuming of places.



OPTICAL VARIATIONS

Aris is available in a range of optical variations, offering the ability to maximise performance in each unique application.



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.



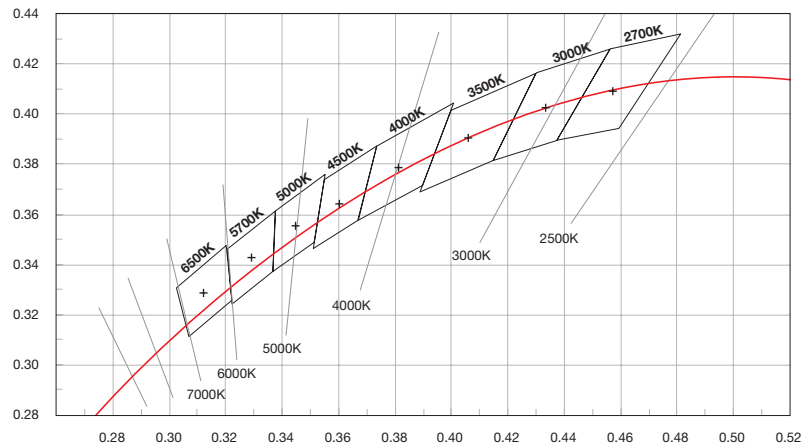
PROUDLY MADE IN AUSTRALIA

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

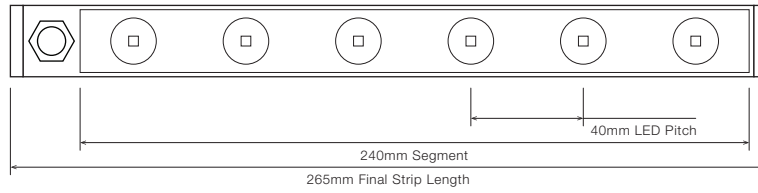
Product Code	LNR-ARIS
Description	Aris Linear Medium Power Projector
Body	Aluminium Alloy Body
Finish	Powder Coated Black (Standard), Various Colours Available
Cover	Polycarbonate Clear for Indoor Applications
End Caps	Polycarbonate
Segment Length (S)	240mm
Segment Width	22mm
LED Pitch	40mm
LEDs Per Segment	6
Operating Voltage	24VDC
Typical Power Consumption per Segment	7.92W per 240mm Segment
Typical Power Consumption per Metre	33.0W per Metre
Typical Current	330mA per 240mm Segment
Colour Rendering Index (CRI)	90+
Dimmable	Through CTR-A2PWM 0-10V, CTR-DIMMERLOGIC, CTR-DALILOGIC or CTR-DALILOGIC-IP (sold separately)
Luminous Flux per Metre (lm/M)	1,600 lm / Metre
Ambient Operating Temp	Ta -10°C to 50°C
Thermal Management	Yes (Active)
Reported Lumen Maintenance TM21-11 (@ Ts = 85°C, If = 500mA)	L70 (18K) > 109,000 hours L90 (18K) > 103,000 hours Aris max. operating values (@ Ts = 50°C, If = 325mA)
IP Rating	IP40 (Standard)
Max Continuous Connection Length	Please refer to installation limitations

■ COLOUR BINNING

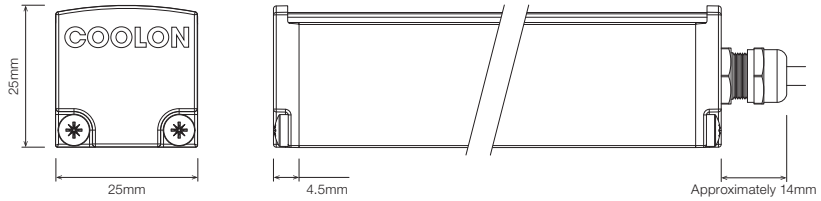


■ DIMENSIONS

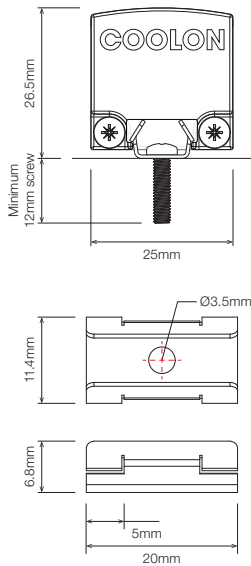
For final strip lengths please refer to the "Product Length" table.



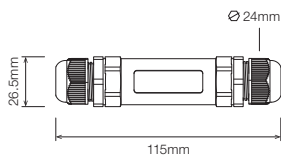
STANDARD PROFILE



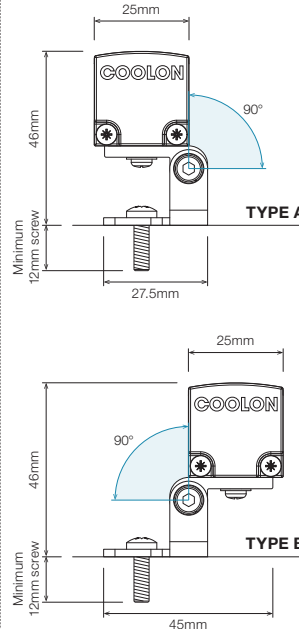
STAINLESS STEEL C-CLIP ¹



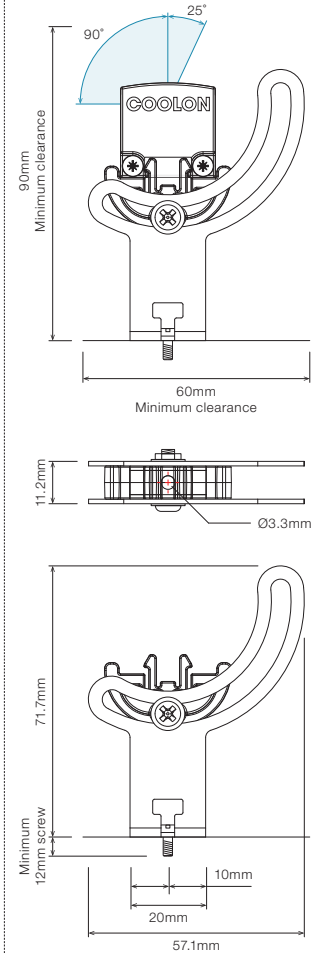
CABLE EXTENSION JOINER



ROTATING MOUNTING BRACKET, TYPE A/B ROTATING CLIP ¹



ELEVATED ROTATING MOUNTING BRACKET ^{1 2}

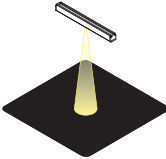
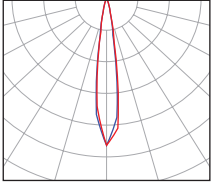
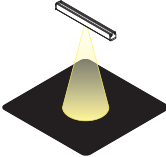
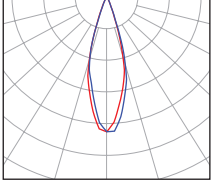
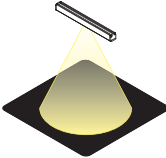
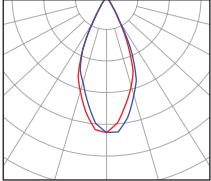
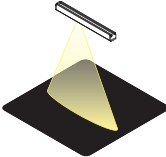
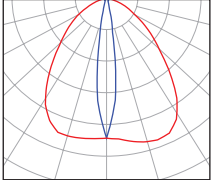
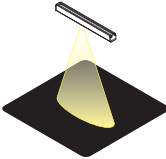
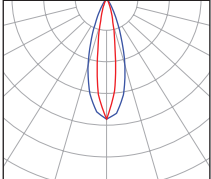


¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.
² Elevated rotating bracket is the only suitable option when wire from back is required.

■ PRODUCT LENGTH

FULL SEGMENTS	EXACT STRIP LENGTH	FINAL LENGTH
S1	240mm	269mm
S2	480mm	509mm
S3	720mm	749mm
S4	960mm	989mm
S5	1,200mm	1,229mm
S6	1,440mm	1,469mm
S7	1,680mm	1,709mm
S8	1,920mm	1,949mm
S9	2,160mm	2,189mm
S10	2,400mm	2,429mm
S11	2,640mm	2,669mm
S12	2,880mm	2,909mm

■ POLAR DISTRIBUTION

OPTIC		POLAR DISTRIBUTION
14D Narrow Beam 14° Beam Angle		
30D Medium Beam 30° Beam Angle		
50D Wide Beam 50° Beam Angle		
F10020D Flare Beam Flare 100° x 20° Beam Angle		
O4018D Oval Beam Oval 40° x 18° Beam Angle		

▪ DIFFUSER

SC - Standard Clear Cover



▪ PROFILE COLOUR

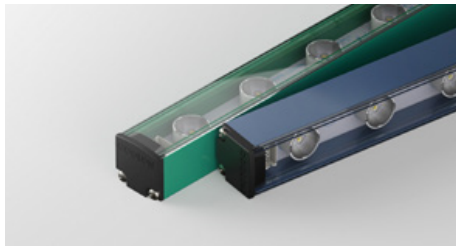
BLK - Black



WHT - White

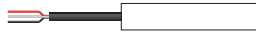





CST - Custom Colour ¹



¹ Custom colours available on request

WIRING CONFIGURATION

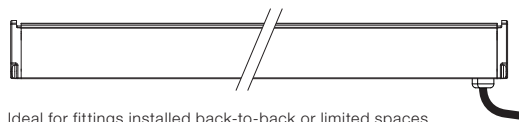
CONNECTOR TYPE	DRAWING	MALE	FEMALE
WR2.10S Wire 2+1 Core One Side			
SMPLC.1 Sample Type Connector 2.5mm			

- Typical wiring length 1,000mm.
- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.

WIRING COLOUR CODE	
Red	+ VDC
Black	GND
White	Dimming

WIRING POSITION

WB - Wire from back



Ideal for fittings installed back-to-back or limited spaces.

WS - Wire from Side



Ideal for fittings installed individually or vertically.

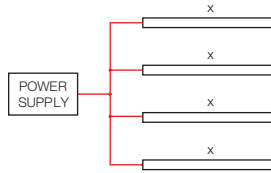
IP RATING

IP40

Protected against solid objects greater than 1mm. No protection against liquids.

■ INSTALLATION LIMITS

SCENARIO 1



MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

2,909 mm With standard 2+1 bare wires (WR2.10S)

- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.

⚠ WARNING

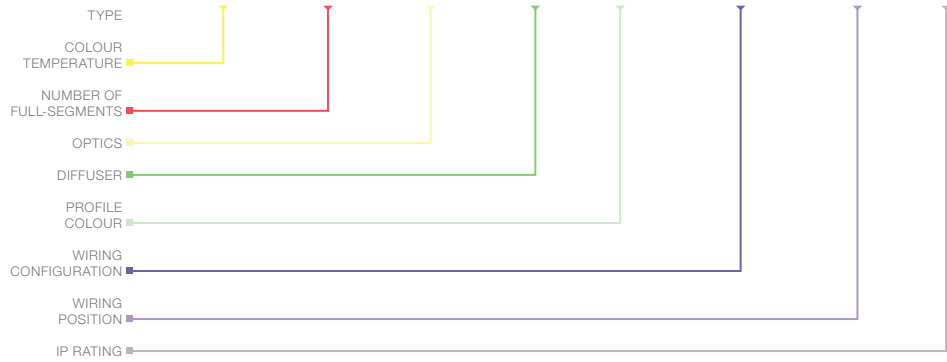
Avoid connecting multiple power supplies into a single circuit, unless they are specifically designed to do so.

✗

✗

ORDERING EXAMPLE

LNR - ARIS - 3.5KCRI - S2 - O4018D - SC - BLK - WR2.1OS - WB - IP40



■ **COLOUR TEMPERATURE** PAGE 04

2.7KCRI	2700K CRI 90
3.0KCRI	3000K CRI 90
3.5KCRI	3500K CRI 90
4.0KCRI	4000K CRI 90

■ **PRODUCT LENGTH** PAGE 06

S1	269mm
S2	509mm
S3	749mm
S4	989mm
S5	1,229mm
S6	1,469mm
S7	1,709mm
S8	1,949mm
S9	2,189mm
S10	2,429mm
S11	2,669mm
S12	2,909mm

■ **OPTICS** PAGE 06

14D	14° Beam
30D	30° Beam
50D	50° Beam
F10020D	Flare 100° x 20° Beam
O4018D	Oval 40° x 18° Beam

■ **DIFFUSER** PAGE 07

SC	Standard Clear
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■ **PROFILE COLOUR** PAGE 07

BLK	Black (Standard)
WHT	White
CST	Custom Colour ¹

■ **WIRING CONFIGURATION** PAGE 08

WR2.1OS	Wire 2+1 Core One Side
SMPLC.1	Sample Type Connector 2.5mm

■ **WIRING POSITION** PAGE 08

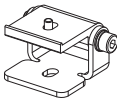


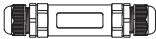
WB	Wire from Back
WS	Wire from Side

■ **IP RATING** PAGE 08

IP40	Indoor Use
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¹ Custom colours available on request.

■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING ¹		
	MC-CCLIP	Stainless Steel C-Clip
	MBR-RB-TA-MAX-BLK	Rotating Bracket, TYPE A Rotating Clip - Black
	MBR-RB-TB-MAX-BLK	Rotating Bracket, TYPE B Rotating Clip - Black
	MBR-PMAX-E-BLK	Elevated Rotating Mounting Bracket - Black
	MBR-PMAX-E-WHT	Elevated Rotating Mounting Bracket - White
¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.		
CONTROLLER		
	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-DALI-LOGIC	Indoor DALI Point 1 channel Driver with PWM Logic Output
	CTR-DALILOGIC-IP	Outdoor DALI Point 1 channel Driver with PWM Logic Output
POWER SUPPLY FOR OUTDOOR USE (IP67)		
	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
	PWR-HLG-320H-24AU	Mean Well Power Supply HLG 320W 24V IP67
CABLE EXTENSIONS		
	CBLEXT-LNR-WR2.1-IP65-3M	3m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner
	CBLEXT-LNR-WR2.1-IP65-5M	5m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner
	CBLEXT-LNR-WR2.1-IP65-10M	10m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner
	CBLEXT-LNR-WR2.1-IP65-20M	20m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner