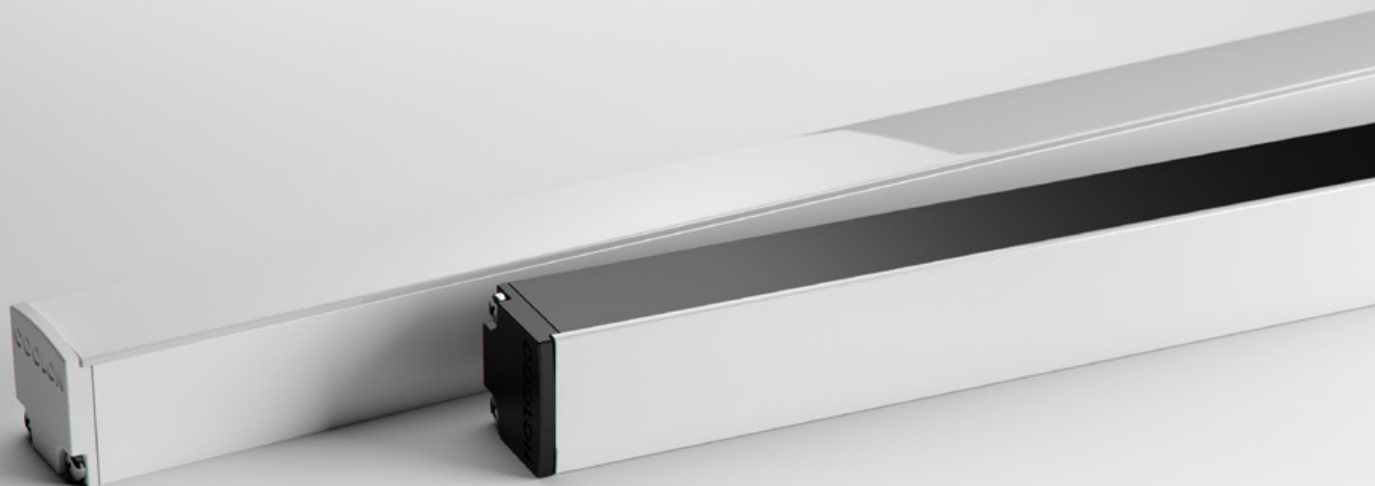




# ARIS UG

LINEAR MEDIUM POWER LNR-ARIS UG





Aris UG is a compact and understated linear architectural marker luminaire. At 25x25mm in size and available in various lineal lengths, Aris UG is offered with a uniform glow diffuser where no LEDs are visible along the length of the luminaire.

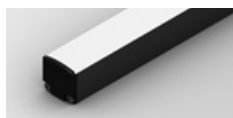
Aris UG is ideal for visible or direct lighting applications where the appearance of the luminaire is important to the architectural aesthetic.

#### POWER

#### LUMINOUS FLUX

##### 11W

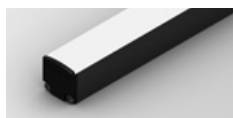
11W / metre



**UG** · 726 lm / metre

##### 28W

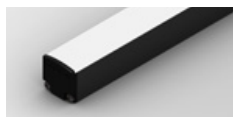
28W / metre



**UG** · 1,800 lm / metre

##### 40W

40W / metre



**UG** · 2,500 lm / metre

#### COLOUR TEMPERATURE

2700K

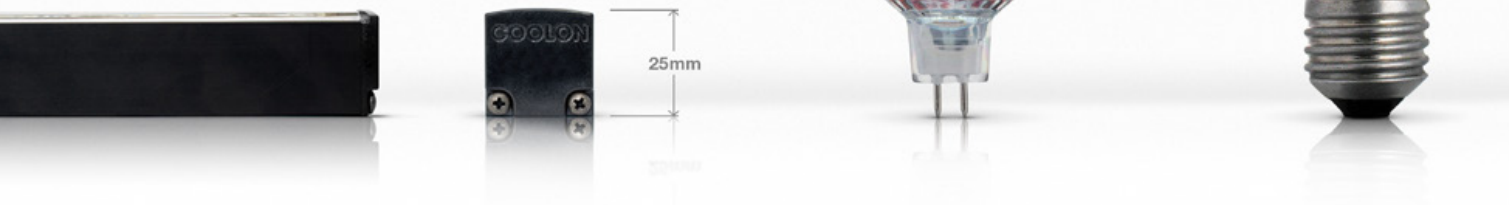
3000K

4000K



## COMPACT SIZE

Reduced profile dimensions allow for ease of installation in confined spaces that could not be achieved with previous halogen counterparts. When installed in visible sight, Aris UG also pays respect to the interior design with minimal disruption to the aesthetics.



## CUSTOMIZATION AT ITS BEST

Aris UG is a highly versatile and customizable luminaire. Select from numerous linear lengths, colour temperatures, profile colours and mounting options. Aris UG can be used as a marker luminaire or a flood light.



### 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.



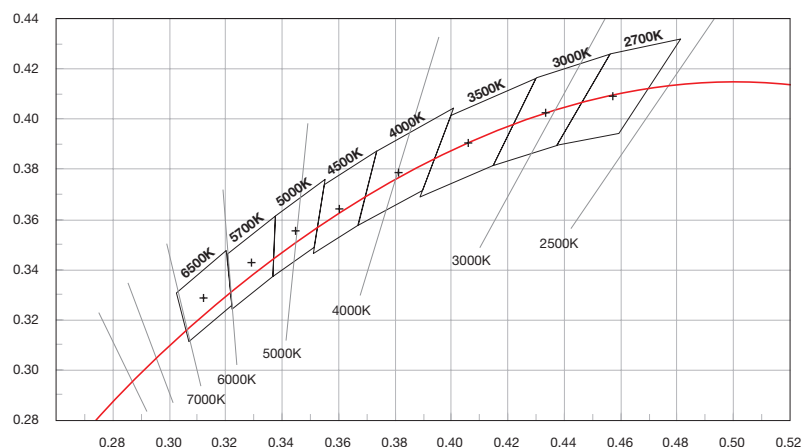
### PROUDLY MADE IN AUSTRALIA

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

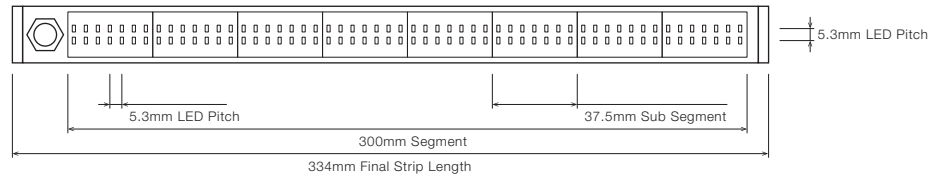
	11W VERSION	28W VERSION	40W VERSION
Product Code	LNR-ARIS UG		
Description	Aris UG Linear Medium Power Projector		
Body	Aluminium Alloy Body		
Finish	Powder Coated Black (Standard), Various Colours Available		
Cover	Polycarbonate Diffused for Indoor Applications		
End Caps	Polycarbonate		
Segment Length (S)	300mm		
Sub-Segment Length (A)	37.5mm		
Number of Sub-Segments	8		
LED Pitch	5.3mm (W) x 5.3mm (H)		
LEDs Per Segment	112		
LEDs Per Sub Segment	14		
Operating Voltage	42VDC		
Typical Power Consumption per Segment	2.18W per 300mm Segment	8.50W per 300mm Segment	12.00W per 300mm Segment
Typical Power Consumption per Metre	11W per Metre	28W per Metre	40W per Metre
Typical Current	72mA per 300mm Segment	200mA per 300mm Segment	280mA per 300mm Segment
Colour Rendering Index (CRI)	80+		
Dimmable	Through DRV-DALIPOINT-1X5A, DRV-DALIPOINT-1X10A-IP or DRV-DIMMERPOINT-1X10A (sold separately)		
Luminous Flux per Metre (lm/M)	725 lm/Metre	1,800 lm/Metre	2,500 lm/Metre
Ambient Operating Temp	Ta -10°C to 40°C		
Thermal Management	No		
Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, If = 65mA)	L70 (12K) > 72,000 hours L90 (12K) = 59,000 hours  Aris UG max. operating values (@ Ts = 40°C, If = 35mA)		
IP Rating	IP40 (Standard)		
Max Continuous Connection Length	Please refer to installation limitations		

## COLOUR BINNING

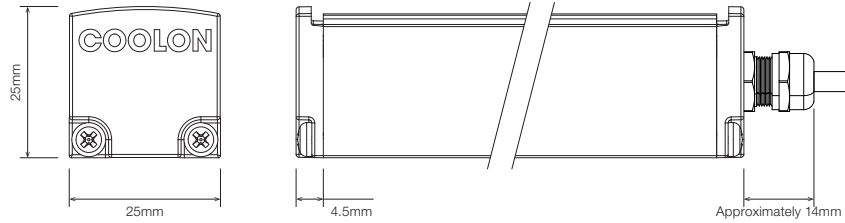


■ DIMENSIONS

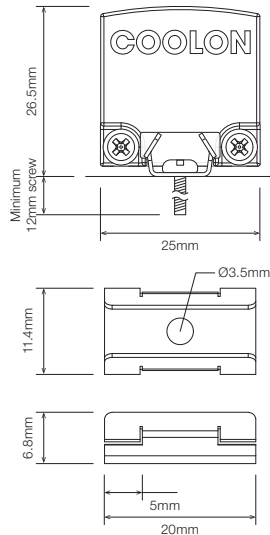
For final strip lengths please refer to the "Product Length" table.



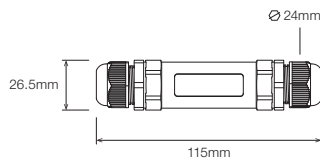
**STANDARD PROFILE**



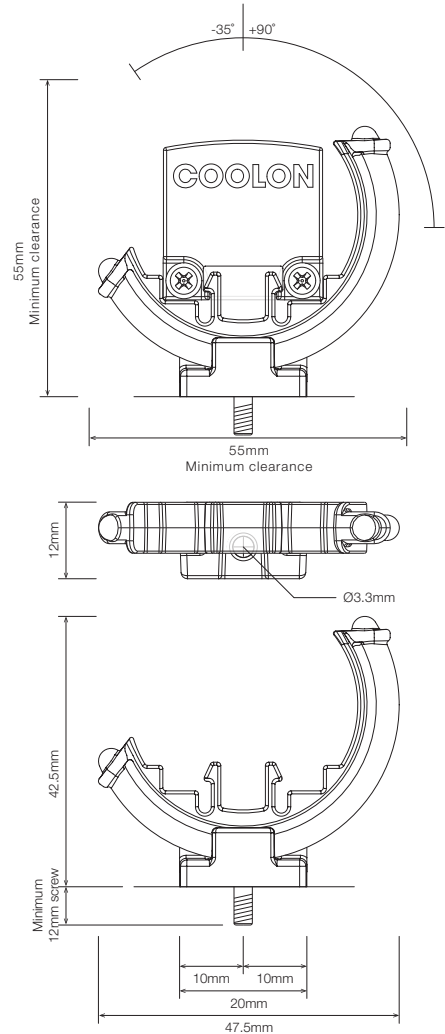
**STAINLESS STEEL C-CLIP <sup>1</sup>**



**CABLE EXTENSION JOINER**



**ROTATING MOUNTING BRACKET <sup>1</sup>**



<sup>1</sup> Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.

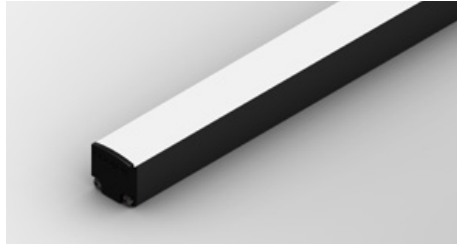
## ■ PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	FINAL LENGTH
S0	A1	37.5mm	71.5mm
S0	A2	75mm	109mm
S0	A3	112.5mm	146.5mm
S0	A4	150mm	184mm
S0	A5	187.5mm	221.5mm
S0	A6	225mm	259mm
S0	A7	262.5mm	296.5mm
S1	A0	300mm	334m
S2	A0	600mm	634mm <sup>1</sup>
S3	A0	900mm	934mm <sup>1</sup>
S4	A0	1,200mm	1,234mm <sup>1</sup>
S5	A0	1,500mm	1,534mm <sup>1</sup>
S6	A0	1,800mm	1,834mm <sup>1</sup>
S7	A0	2,100mm	2,134mm <sup>1</sup>
S8	A0	2,400mm	2,434mm <sup>1</sup>
S9	A0	2,700mm	2,734mm <sup>1</sup>
S10	A0	3,000mm	3,034mm <sup>1</sup>
S11	A0	3,300mm	3,334mm <sup>1</sup>

<sup>1</sup> Available in additional Sub-Segment Lengths (37.5mm increment)

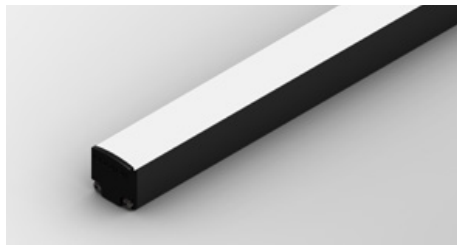
▪ DIFFUSER

**SD** - Standard Diffuser

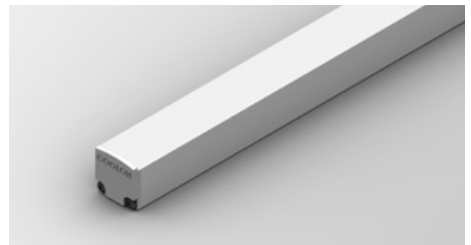


▪ PROFILE COLOUR

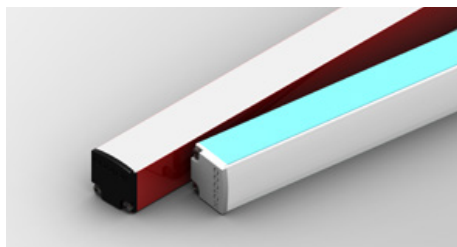
**BLK** - Black



**WHT** - White



**CST** - Custom Colour <sup>1</sup>



<sup>1</sup> Custom colours available on request

WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	MALE	FEMALE
WR2OS Wire 2 Core One Side			
OC2.2MO Outdoor Connector 2.2pin Male Only			
SMPLC 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

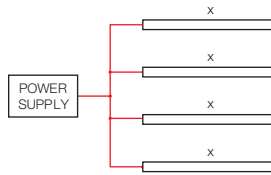
**IP40**

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



■ INSTALLATION LIMITS

**SCENARIO 1**



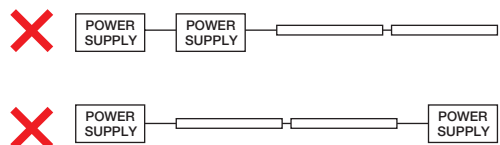
**MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE**

3,329 mm	With standard 2 bare wires (WR20S)
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- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.

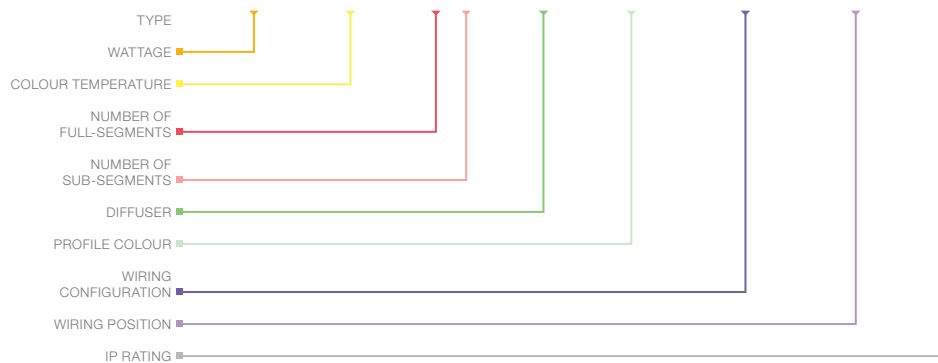
**⚠ WARNING**

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



ORDERING EXAMPLE

**LNR - ARIS UG - 40W - 2.7K - S2A0 - SD - BLK - WR2OS - WB - IP40**



■ **WATTAGE** PAGE 04

11W	11W per metre
28W	28W per metre
40W	40W per metre

■ **COLOUR TEMPERATURE** PAGE 04

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

■ **PRODUCT LENGTH** PAGE 06

FULL SEGMENTS	SUB SEGMENTS
S1	A0
S2	A1
S3	A2
S4	A3
S5	A4
S6	A5
S7	A6
S8	A7
S9	
S10	
S11	
S12	

■ **DIFFUSER** PAGE 07

SD	Standard Diffuser
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■ **PROFILE COLOUR** PAGE 07

BLK	Black (Standard)
WHT	White
CST	Custom Colour <sup>1</sup>

■ **WIRING CONFIGURATION** PAGE 08

WR2OS	Wire 2 Core One Side
OC2.2MO	Outdoor Connector 2.2pin Male Only
SMPLC	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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<sup>1</sup> Custom colours available on request

## ■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
<b>MOUNTING *</b>		
	MC-CCLIP	Stainless Steel C-Clip
	MBR-P25R-BLK	Rotating Mounting Bracket for Aris UG - Black
	MBR-P25R-WHT	Rotating Mounting Bracket for Aris UG - White
* Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.		
<b>DRIVER</b>		
	DRV-DALIPOINT-1X5A	Indoor DALI Point 1 Channel Driver 5A
	DRV-DALIPOINT-IP1X10A	Outdoor DALI Point 1 Channel Driver 10A
	DRV-DIMMERPOINT-1X10A	Coolon Wall Dimmer with 10A PWM Output
<b>POWER SUPPLY FOR OUTDOOR USE (IP67)</b>		
	PWR-HLG-60H-42AU	Mean Well Power Supply HLG 60W 42V
	PWR-HLG-150H-42AU	Mean Well Power Supply HLG 150W 42V
	PWR-HLG-240H-42AU	Mean Well Power Supply HLG 240W 42V
<b>CABLE EXTENSIONS</b>		
	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