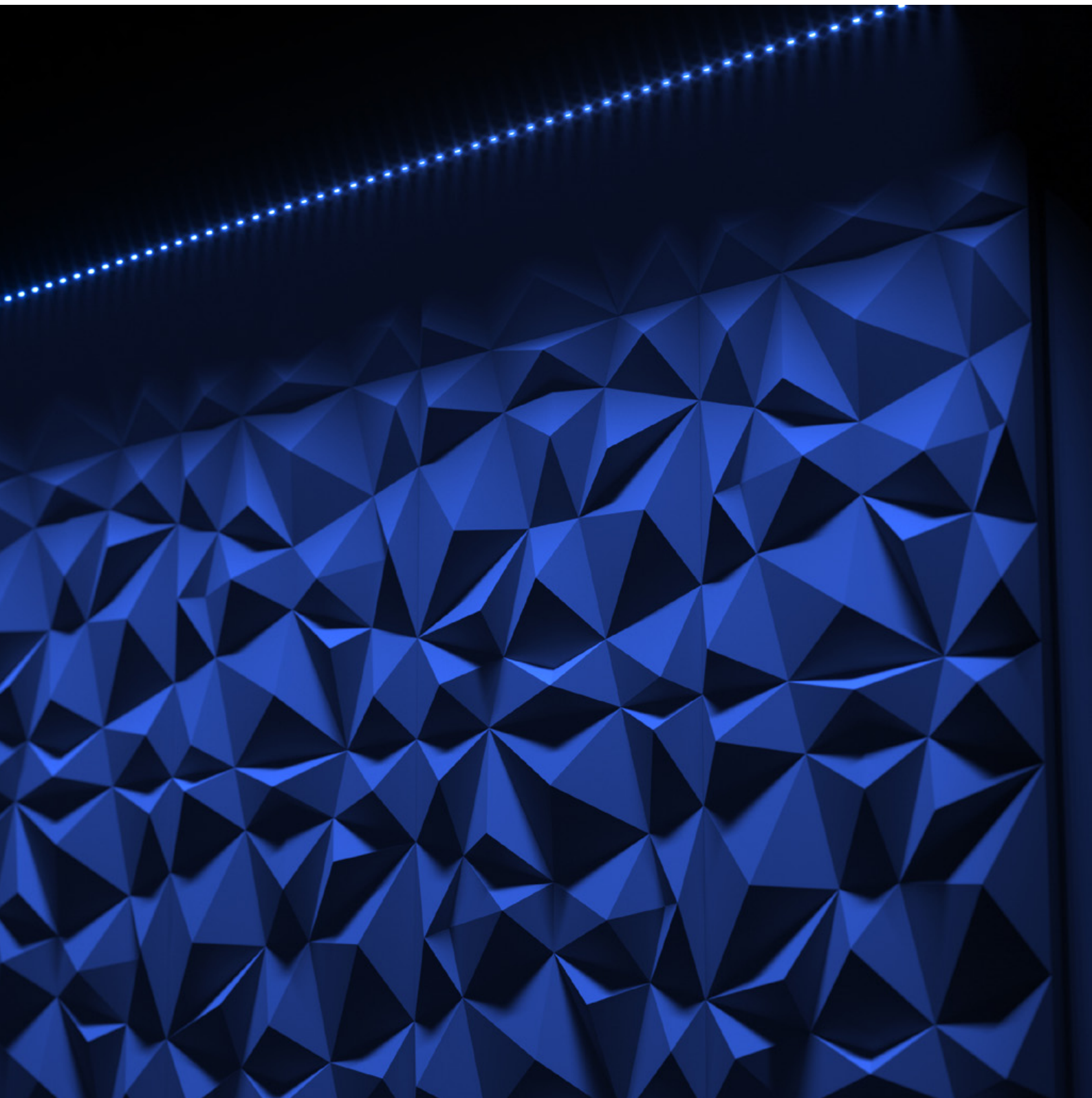
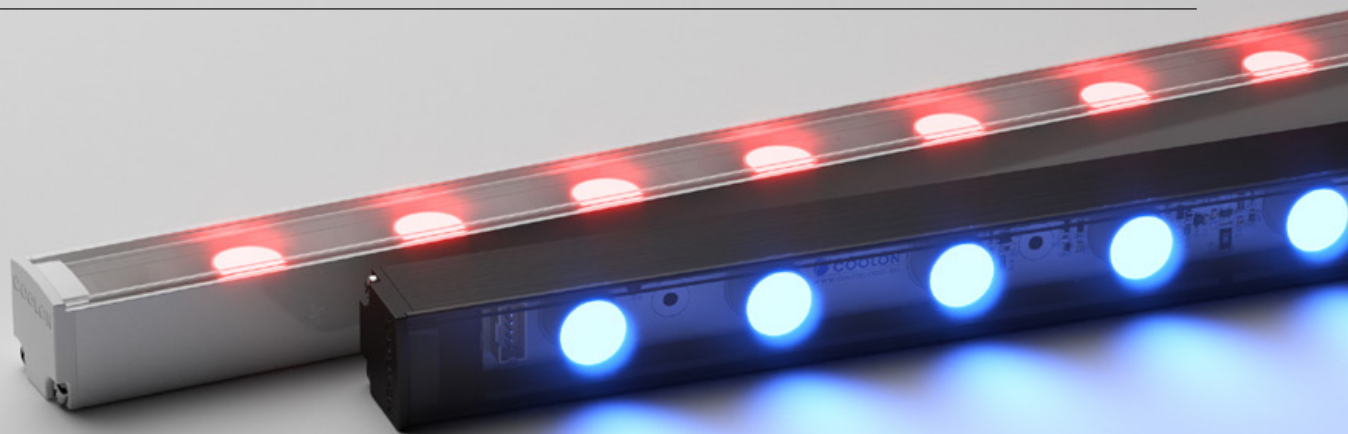




ARIS C

LINEAR MEDIUM POWER LNR-ARIS C





A compact and understated medium-power luminaire with precision optics - available in a range of vibrant, static colours.

Execute unique and vibrant effects with ease, pure colour is provided without the need for external control, for maximum efficacy and high impact.

POWER

33W

33W / metre

LUMINOUS FLUX



SC - Varies with colour

COLOURS

Blue

Green

Red

Amber

COMPACT SIZE

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



OPTICAL VARIATIONS

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

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.

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

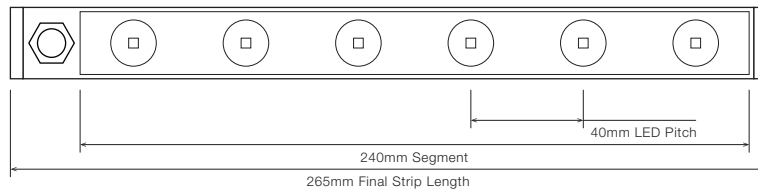
Our products are designed and manufactured in Australia. Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

TECHNICAL SPECIFICATIONS

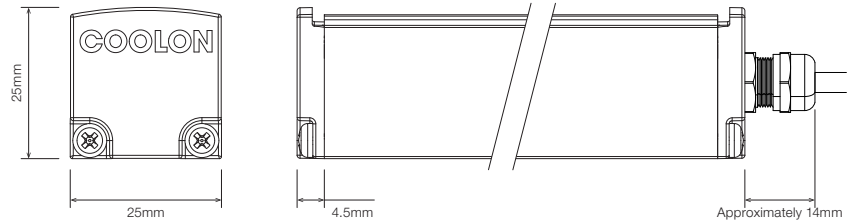
| | BLUE | GREEN | RED | AMBER |
|---|--|-------|-----|-------|
| Product Code | LNR-ARIS C | | | |
| Description | Aris C Linear Medium Power Projector | | | |
| Body | Aluminium Alloy Body | | | |
| Finish | Powder Coated Black (Standard), Various Colours Available | | | |
| Cover | Polycarbonate Clear 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 Metre | 33.0W per Metre | | | |
| Dimmable | Through CTR-A2PWM 0-10V, CTR-DIMMERLOGIC, CTR-DALILOGIC or CTR-DALILOGIC-IP (sold separately) | | | |
| Luminous Flux per Metre (lm/M) | Varies with colour | | | |
| 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 C max. operating values (@ Ts = 50°C, If = 325mA) | | | |
| IP Rating | IP40 (Standard) | | | |
| Max Continuous Connection Length | Please refer to installation limitations | | | |

■ DIMENSIONS

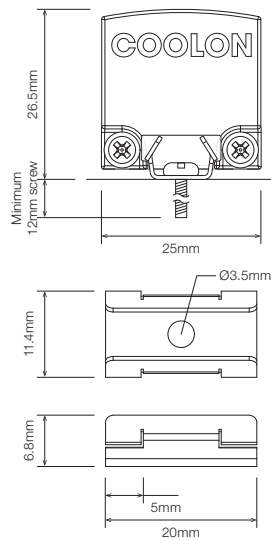
For final strip lengths please refer to the "Product Length" table.



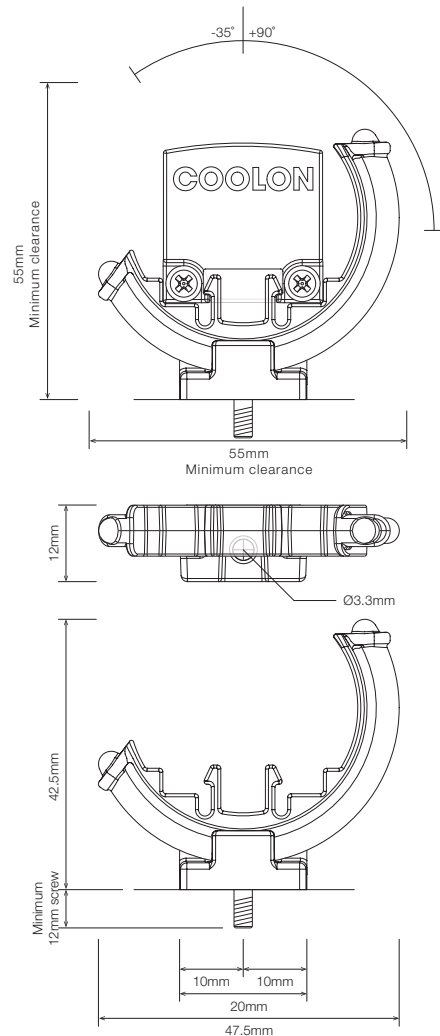
STANDARD PROFILE



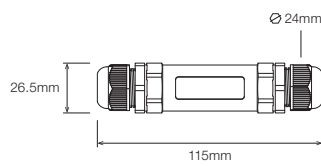
STAINLESS STEEL C-CLIP ¹



ROTATING MOUNTING BRACKET ¹



CABLE EXTENSION JOINER

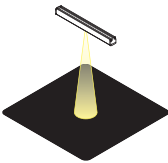
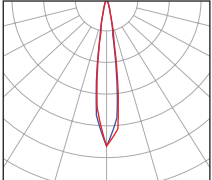
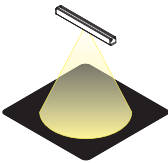
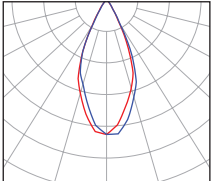
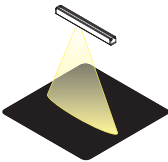
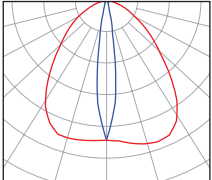
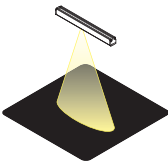
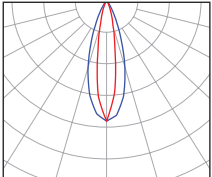


¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.

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 |  |  |
| 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

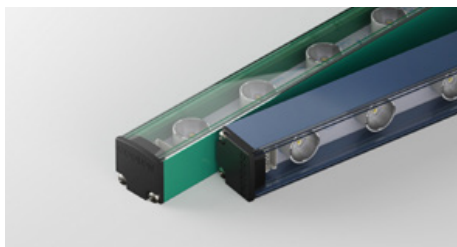
BLK - Black



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.

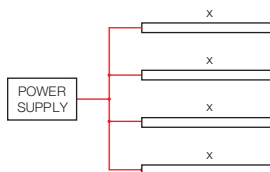
IP RATING

IP40

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

■ INSTALLATION LIMITS

SCENARIO 1



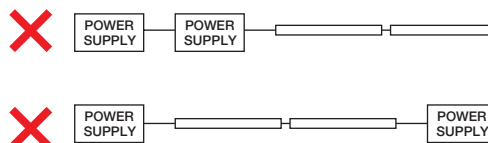
MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

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.

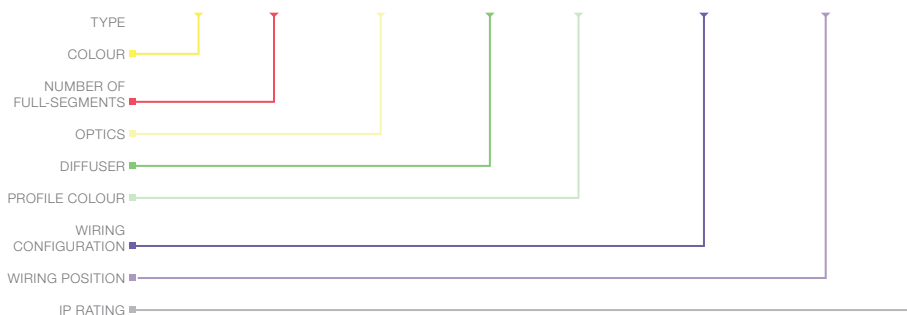
⚠ WARNING

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



ORDERING EXAMPLE

LNR - ARIS C - BL - S2 - O4018D - SC - BLK - WR2.1OS - WB - IP40



■ COLOUR PAGE 04

| | |
|----|-------|
| BL | Blue |
| GR | Green |
| RD | Red |
| AM | Amber |

■ 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 |
| 50D | 50° Beam |
| F10020D | Flare 100° x 20° Beam |
| O4018D | Oval 40° x 18° Beam |

■ DIFFUSER PAGE 07

| | |
|----|----------------|
| SC | Standard Clear |
|----|----------------|

■ 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




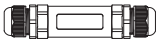
| | |
|----|----------------|
| WB | Wire from Back |
| WS | Wire from Side |

■ IP RATING PAGE 08

| | |
|------|------------|
| IP40 | Indoor Use |
|------|------------|

¹ Custom colours available on request.

■ ACCESSORIES

| | PRODUCT CODE | DESCRIPTION |
|---|---------------------------|--|
| MOUNTING * | | |
|  | MC-CCLIP | Stainless Steel C-Clip |
| | MBR-P25R-BLK | Rotating Mounting Bracket for Aris - Black |
| | MBR-P25R-WHT | Rotating Mounting Bracket for Aris - White |
| * 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 |