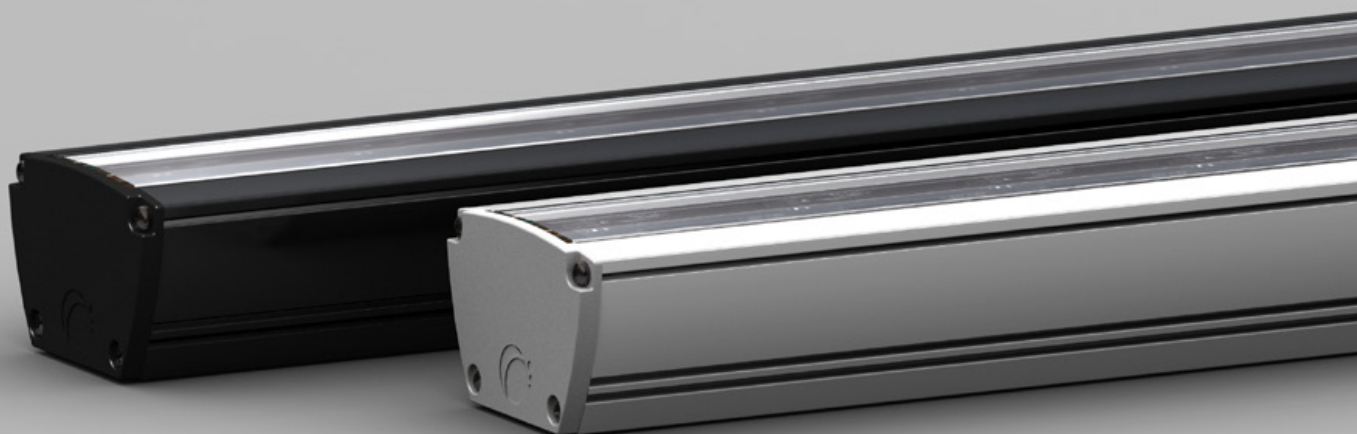


MAXIS

LINEAR HIGH POWER PRJ-MAXIS





The Maxis is a High Power Linear LED Luminaire capable of high lumen output, available with various optics and colour temperatures.

The Maxis is easily installed with the assistance of various mounting gear and rotating equipment. There are multiple diffuser and exterior colour options for the luminaire as well as a unique uniformly illuminated diffuser if required. Multiple length options are also available.

POWER

LUMINOUS FLUX

60W

60W / metre



SC • 3000 lm / metre



PC • 3000 lm / metre

COLOUR TEMPERATURE

2700K

3000K

3200K

4000K

5000K

COLOURS

Blue

Green

Red

Amber

ON-BOARD PWM DIMMING CONTROL

On-board PWM feature allows for accurate and gradual dimming and is a no cost added feature on the Maxis.



OPTICAL VARIATIONS

Maxis comes in a range of optical variations, offering the ability to maximise the effective performance in each particular application.

L90

LONG OPERATING LIFE

Coolon products use world's most reputable LED manufacturers and the latest available standard to adequately report luminaire 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

Product is offered in various Colour Temperatures using tighter bins.

**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.



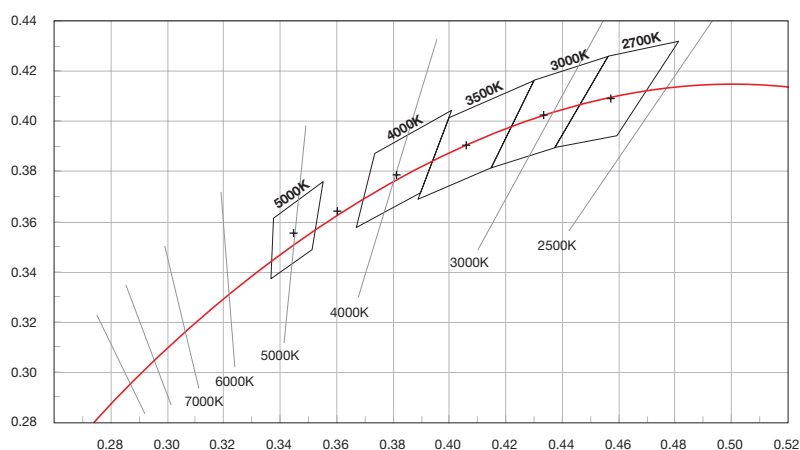
PROUDLY MADE IN AUSTRALIA

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

| MAXIS | |
|--|---|
| Product Code | PRJ-MAXIS |
| Description | Maxis Linear High Power Projector |
| Body | Aluminium Alloy Body |
| Finish | Powder Coated Black (Standard), Various Colours Available |
| Cover | Polycarbonate (SC) Clear and UV Stable Polycarbonate (PC) Clear |
| End Caps | Polycarbonate |
| LEDs Per Segment | 7 |
| Operating Voltage | 24VDC |
| Typical Power Consumption per Segment | 10.8W per 290mm Segment |
| Typical Power Consumption per Metre | 60W per Metre |
| Typical Current | 450mA per 290mm Segment |
| Colour Rendering Index (CRI) | 80+ |
| Max Continuous Connection Length | Please refer to installation limitations |
| Dimmable | Through CTR-A2PWM 0-10V, CTR-DIMMERLOGIC, CTR-DALILOGIC or CTR-DALILOGIC-IP (sold separately) |
| Luminous Flux per (lm/M) | 3000lm / Metre |
| Ambient Operating Temp | Ta -10°C to 40°C |
| Thermal Management | Yes (Active) |
| Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, If = 1000mA) | L70 (18K) > 99,800 hours L90 (18K) > 45,600 hours Maxis max. operating values (@ Ts = 60°C, If = 730mA) |
| IP Rating | IP40 (Standard), up to IP65 (10% Lumen depreciation on IP65 products) |

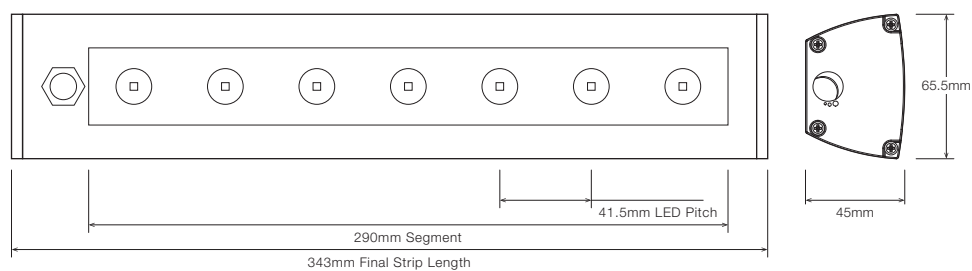
■ COLOUR TEMPERATURE



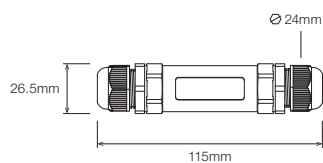
DIMENSIONS

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

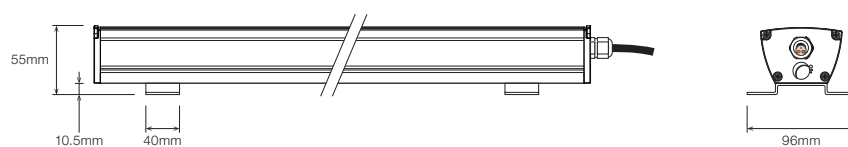
MAXIS



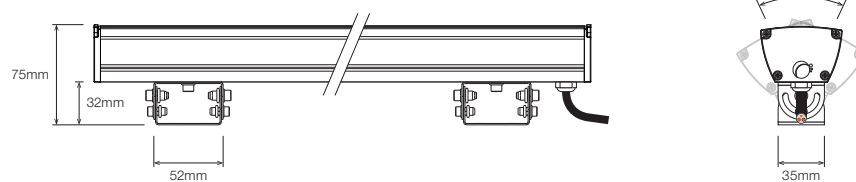
CABLE EXTENSION JOINER



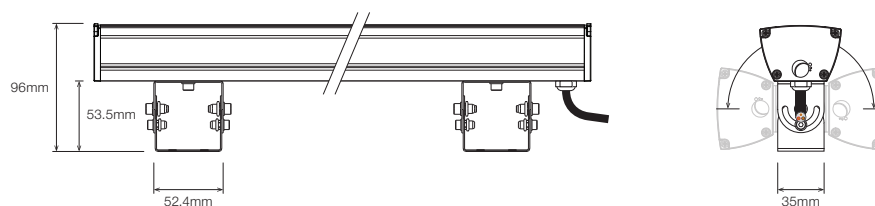
FLAT MOUNTING BRACKET



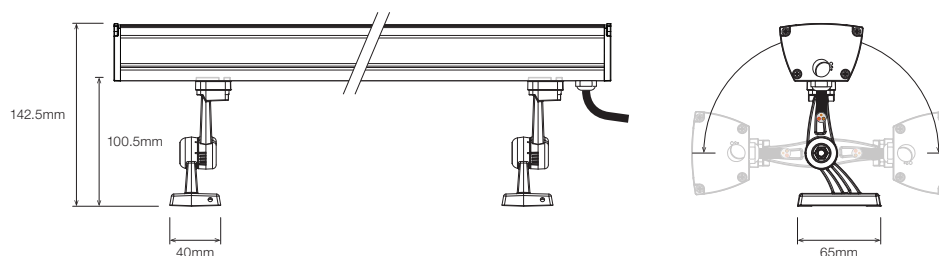
25° ROTATING MOUNTING BRACKET














90° ROTATING MOUNTING BRACKET



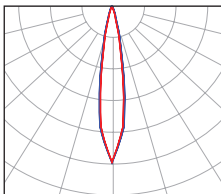
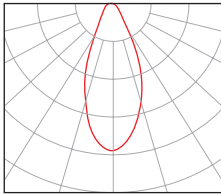
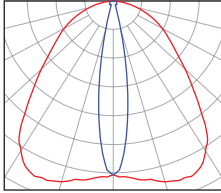
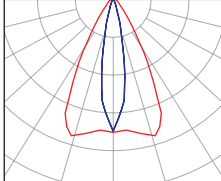
ARCHITECTURAL SWIVEL BRACKET



■ PRODUCT LENGTH

| MAXIS | | |
|-------|---------|--|
| S1 | 343mm |  |
| S2 | 636mm |  |
| S3 | 929mm |  |
| S4 | 1,222mm |  |
| S5 | 1,515mm |  |
| S6 | 1,808mm |  |
| S7 | 2,101mm |  |
| S8 | 2,394mm |  |
| S9 | 2,687mm |  |
| S10 | 2,980mm |  |
| S11 | 3,273mm |  |

■ POLAR DISTRIBUTION

| OPTIC | BEAM ANGLE | POLAR DISTRIBUTION |
|-------|------------------|---|
| L07 | 14° |  |
| L25 | 50° |  |
| F5010 | Flare 100° x 20° |  |
| O209 | Oval 40° x 18° |  |

■ 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 |  |  | |
| OC2.1MO Outdoor Connector 3pin Male Only |  |  | |
| SMPLC.1 Sample Type Connector 2.5mm |  |  | |

- Typical wiring length 1,000 mm with cable's outer diameter 7.5mm.
- 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

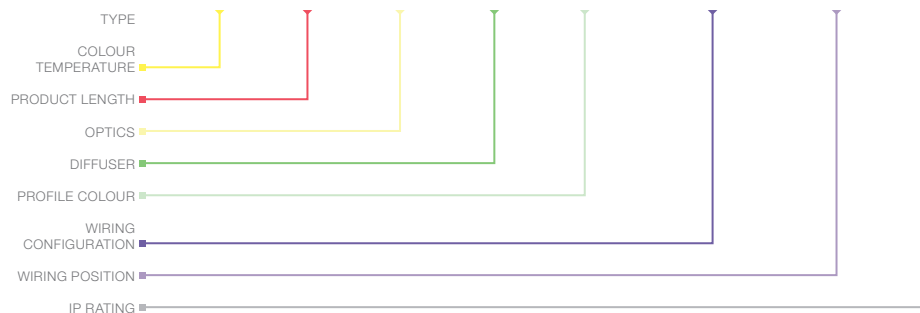
Protected against solid objects greater than 1mm. No protection against liquids.

IP65

Fully protected against dust. Protected against water jets from all directions

ORDERING EXAMPLE

PRJ - MAXIS - 3.0K - S2 - O209 - SC - BLK - WR2.1OS - WB - IP65



■ COLOUR TEMPERATURE PAGE 04

| | |
|------|-------|
| 2.7K | 2700K |
| 3.0K | 3000K |
| 3.2K | 3200K |
| 4.0K | 4000K |
| 5.0K | 5000K |

■ PRODUCT LENGTH PAGE 06

| | |
|-----|---------|
| S1 | 343mm |
| S2 | 636mm |
| S3 | 929mm |
| S4 | 1,222mm |
| S5 | 1,515mm |
| S6 | 1,808mm |
| S7 | 2,101mm |
| S8 | 2,394mm |
| S9 | 2,687mm |
| S10 | 2,980mm |
| S11 | 3,273mm |

■ OPTICS PAGE 06

| | |
|-------|-----------------------|
| L07 | 14° Beam |
| L25 | 50° Beam |
| F5010 | Flare 100° x 20° Beam |
| O209 | Oval 40° x 18° Beam |

■ DIFFUSER PAGE 07

| | |
|----|---------------------------------|
| SC | Standard Clear ¹ |
| PC | Polyurethane Clear ² |

■ PROFILE COLOUR PAGE 07

| | |
|-----|----------------------------|
| BLK | Black (Standard) |
| WHT | White |
| CST | Custom Colour ³ |

■ WIRING CONFIGURATION PAGE 08

| | |
|---------|----------------------------------|
| WR2.1OS | Wire 2+1 Core One Side |
| OC2.1MO | Outdoor Connector 3pin Male Only |
| 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 |
| IP65 | Outdoor Use |

¹ Standard Clear applicable to IP40 only

² Polyurethane Clear applicable to IP65 only

³ Custom colours available on request

■ ACCESSORIES

| | PRODUCT CODE | DESCRIPTION |
|---|----------------------------|---|
| MOUNTING BRACKET * | | |
|  | MBR-PRJ-FLAT-BLK | Flat Mounting Bracket - Black |
| | MBR-PRJ-FLAT-WHT | Flat Mounting Bracket - White |
|  | MBR-PRJ-ST25-BLK | 25 Degree Rotating Mounting Bracket - Black |
| | MBR-PRJ-ST25-WHT | 25 Degree Rotating Mounting Bracket - White |
|  | MBR-PRJ-ST90-BLK | 90 Degree Rotating Mounting Bracket - Black |
| | MBR-PRJ-ST90-WHT | 90 Degree Rotating Mounting Bracket - White |
|  | MBR-PRJ-ARCH-BLK | Architectural Swivel Bracket - Black |
| | MBR-PRJ-ARCH-WHT | Architectural Swivel Bracket - White |
| * Recommended spacing between Mounting Brackets is maximum 500mm. | | |
| 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-DALILOGIC | 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 INDOOR USE | | |
|  | PWR-PLN20-24V | Mean Well Power Supply PLN 20W 24V IP64 + Flex & Plug |
| | PWR-PLN30-24V | Mean Well Power Supply PLN 30W 24V IP64 + Flex & Plug |
| | PWR-PLN60-24V | Mean Well Power Supply PLN 60W 24V IP64 + Flex & Plug |
| | PWR-PLN100-24V | Mean Well Power Supply PLN 100W 24V IP64 + Flex & Plug |
| POWER SUPPLY FOR OUTDOOR USE (IP67) | | |
|  | PWR-HLG40-24V | Mean Well Power Supply HLG 40W 24V IP67 |
| | PWR-HLG60-24V | Mean Well Power Supply HLG 60W 24V IP67 |
| | PWR-HLG100-24V | Mean Well Power Supply HLG 100W 24V IP67 |
| | PWR-HLG150-24V | Mean Well Power Supply HLG 150W 24V IP67 |
| | PWR-HLG240-24V | Mean Well Power Supply HLG 240W 24V IP67 |
| | PWR-HLG320-24V | Mean Well Power Supply HLG 320W 24V IP67 |
| | PWR-HLG150-42V-IP (For UG) | Mean Well Power Supply HLG 150W 42V IP67 |
| | PWR-HLG240-42V-IP (For UG) | Mean Well Power Supply HLG 240W 42V IP67 |
| | PWR-HLG320-42V-IP (For UG) | Mean Well Power Supply HLG 320W 42V IP67 |
| | PWR-HLG320-42V-IP (For UG) | Mean Well Power Supply HLG 320W 42V IP67 |
| CABLE EXTENSIONS | | |
|  | CBLEXT-PRJ-WR2.1-IP65-3M | 3m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner |
| | CBLEXT-PRJ-WR2.1-IP65-5M | 5m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner |
| | CBLEXT-PRJ-WR2.1-IP65-10M | 10m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner |
| | CBLEXT-PRJ-WR2.1-IP65-20M | 20m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner |
| | CBLEXT-PRJ-OC2.1F-IP65-5M | 5m Length, 3 Core Leader Cable with outdoor joiner and lose wires |
| | CBLEXT-PRJ-OC2.1F-IP65-10M | 10m Length, 3 Core Leader Cable with outdoor joiner and lose wires |
| | CBLEXT-PRJ-OC2.1F-IP65-10M | 10m Length, 3 Core Leader Cable with outdoor joiner and lose wires |
| | CBLEXT-PRJ-OC2.1F-IP65-10M | 10m Length, 3 Core Leader Cable with outdoor joiner and lose wires |