



MAXIS IP

LINEAR HIGH POWER PRJ-MAXIS IP





Maxis IP is a high-power exterior linear LED floodlight. Offered in a range of optics, colour temperatures and static colour outputs, Maxis IP is the ideal luminaire for exterior wall washing and grazing applications.

This luminaire is further enhanced by many finishing options allowing the luminaire to either make a bold statement or simply blend into its surrounds.

Maxis IP is fully encapsulated with polyurethane resin for superior longevity in outdoor environments.

POWER

LUMINOUS FLUX

60W

60W / metre



PC - 3000 lm / metre

COLOUR TEMPERATURE

2700K

3000K

3200K

4000K

ON-BOARD PWM DIMMING CONTROL

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



OPTICAL VARIATIONS

Maxis IP comes 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.



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

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.



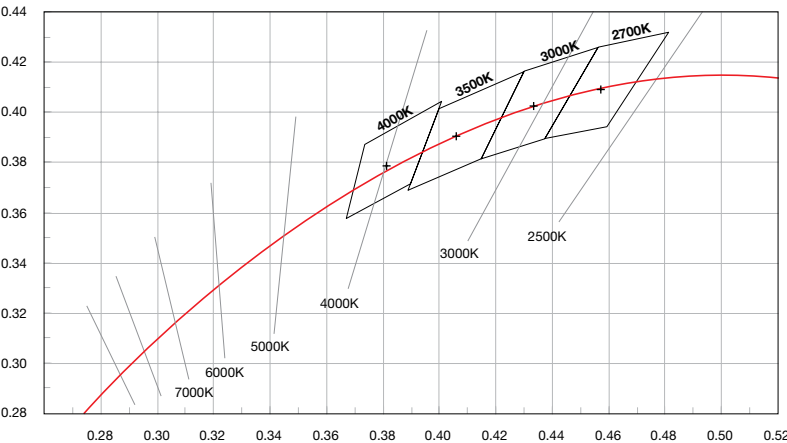
PROUDLY MADE IN AUSTRALIA

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

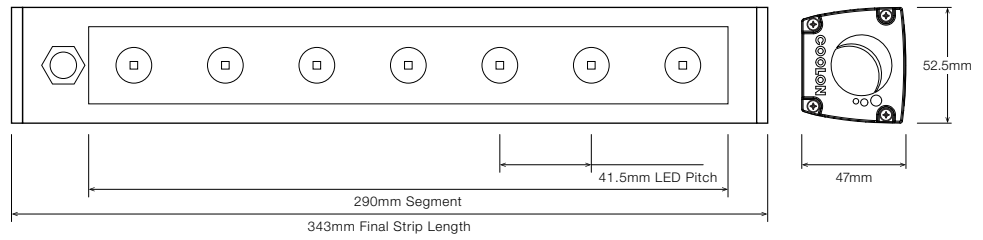
| | |
|---|---|
| Product Code | PRJ-MAXIS IP |
| Description | Maxis IP Linear High Power Projector |
| Body | Aluminium Alloy Body |
| Finish | Powder Coated Black (Standard), Various Colours Available |
| Cover | Polyurethane Clear for Outdoor applications |
| End Caps | Polycarbonate |
| LEDs Per 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 IP max. operating values (@ Ts = 60°C, If = 730mA) |
| IP Rating | IP66 (Standard) |

■ COLOUR TEMPERATURE

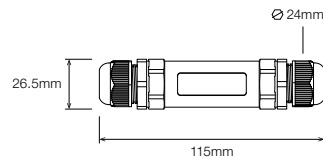


DIMENSIONS

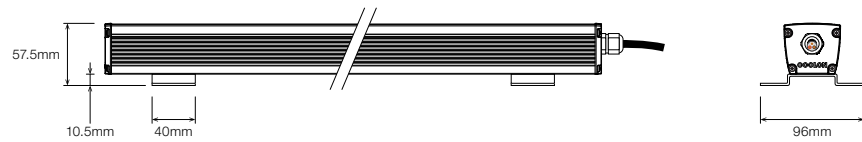
For final strip lengths please refer to the "Product Length" table.



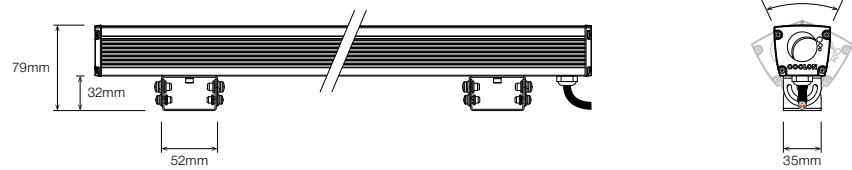
CABLE EXTENSION JOINER



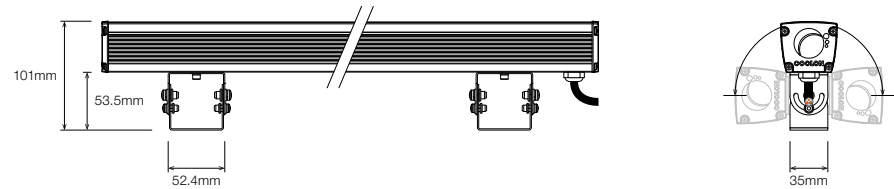
FLAT MOUNTING BRACKET



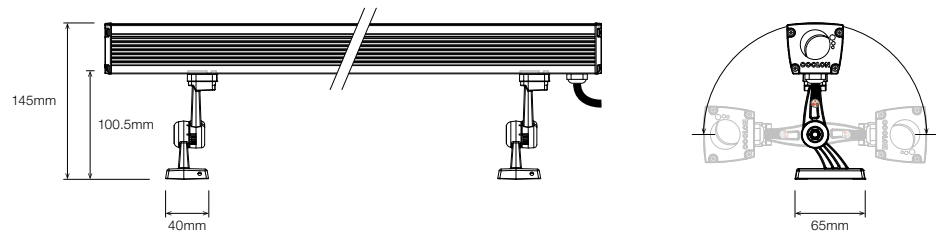
25° ROTATING MOUNTING BRACKET








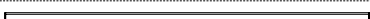


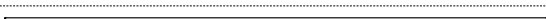

90° ROTATING MOUNTING BRACKET



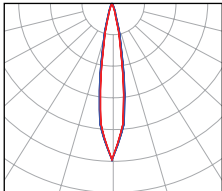
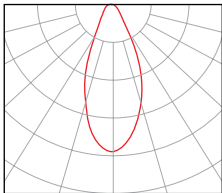
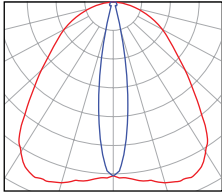
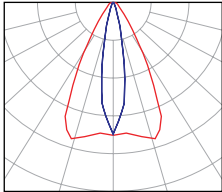
ARCHITECTURAL SWIVEL BRACKET



■ PRODUCT LENGTH

| | | |
|-----|---------|--|
| 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 |  |

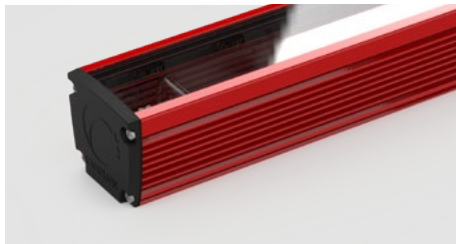
■ POLAR DISTRIBUTION

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

- DIFFUSER





PC • Polyurethane Clear

- PROFILE COLOUR

BLK • Black**WHT** • White**CST** • Custom Colour ¹

¹ Custom colours available on request

■ WIRING
CONFIGURATION



| CONNECTOR TYPE | DRAWING | MALE | FEMALE |
|---|--|---|--------|
| 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



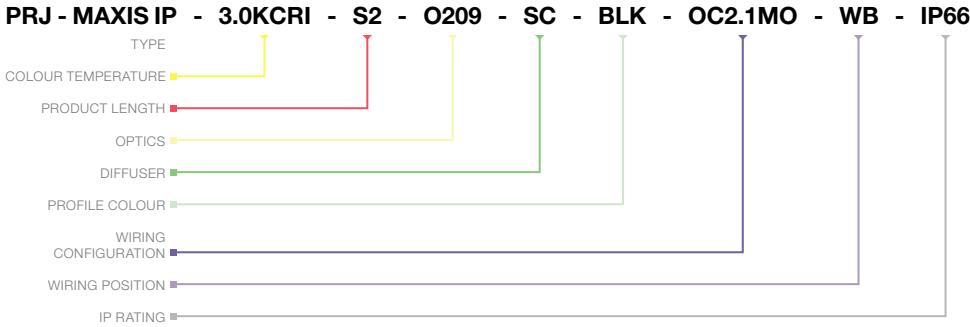
Ideal for fittings installed individually or vertically.

■ IP RATING

IP66

Fully protected against dust.
Protected against wave-like
water jets from all directions.

ORDERING EXAMPLE



■ COLOUR TEMPERATURE PAGE 04

| | |
|---------|--------------|
| 2.7KCRI | 2700K CRI 90 |
| 3.0KCRI | 3000K CRI 90 |
| 3.2KCRI | 3200K CRI 90 |
| 4.0KCRI | 4000K CRI 90 |

■ PRODUCT LENGTH PAGE 06

| | |
|-----|---------|
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| S7 | 2,101mm |
| S8 | 2,394mm |
| S9 | 2,687mm |
| S10 | 2,980mm |

■ OPTICS PAGE 06

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

■ DIFFUSER PAGE 07

| | |
|----|--------------------|
| PC | Polyurethane Clear |
|----|--------------------|

■ PROFILE COLOUR PAGE 07

| | |
|-----|----------------------------|
| BLK | Black (Standard) |
| WHT | White |
| CST | Custom Colour ¹ |

■ WIRING CONFIGURATION PAGE 08

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

■ WIRING POSITION PAGE 08




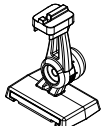
| | |
|----|----------------|
| WB | Wire from Back |
| WS | Wire from Side |

■ IP RATING PAGE 08


| | |
|------|-------------|
| IP66 | Outdoor Use |
|------|-------------|


¹ Custom colours available on request

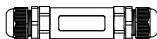
■ ACCESSORIES

| | PRODUCT CODE | DESCRIPTION |
|---|------------------|---|
| MOUNTING BRACKET ¹ | | |
|  | 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 |

¹ Recommended spacing between Mounting Brackets is maximum 500mm.

| | PRODUCT CODE | DESCRIPTION |
|---|------------------|--|
| 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 |

| | PRODUCT CODE | DESCRIPTION |
|---|-------------------|--|
| 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 |

| | PRODUCT CODE | DESCRIPTION |
|---|----------------------------|---|
| 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 loose wires |
| | CBLEXT-PRJ-OC2.1F-IP65-10M | 10m Length, 3 Core Leader Cable with outdoor joiner and loose wires |
| | CBLEXT-PRJ-OC2.1F-IP65-20M | 20m Length, 3 Core Leader Cable with outdoor joiner and loose wires |