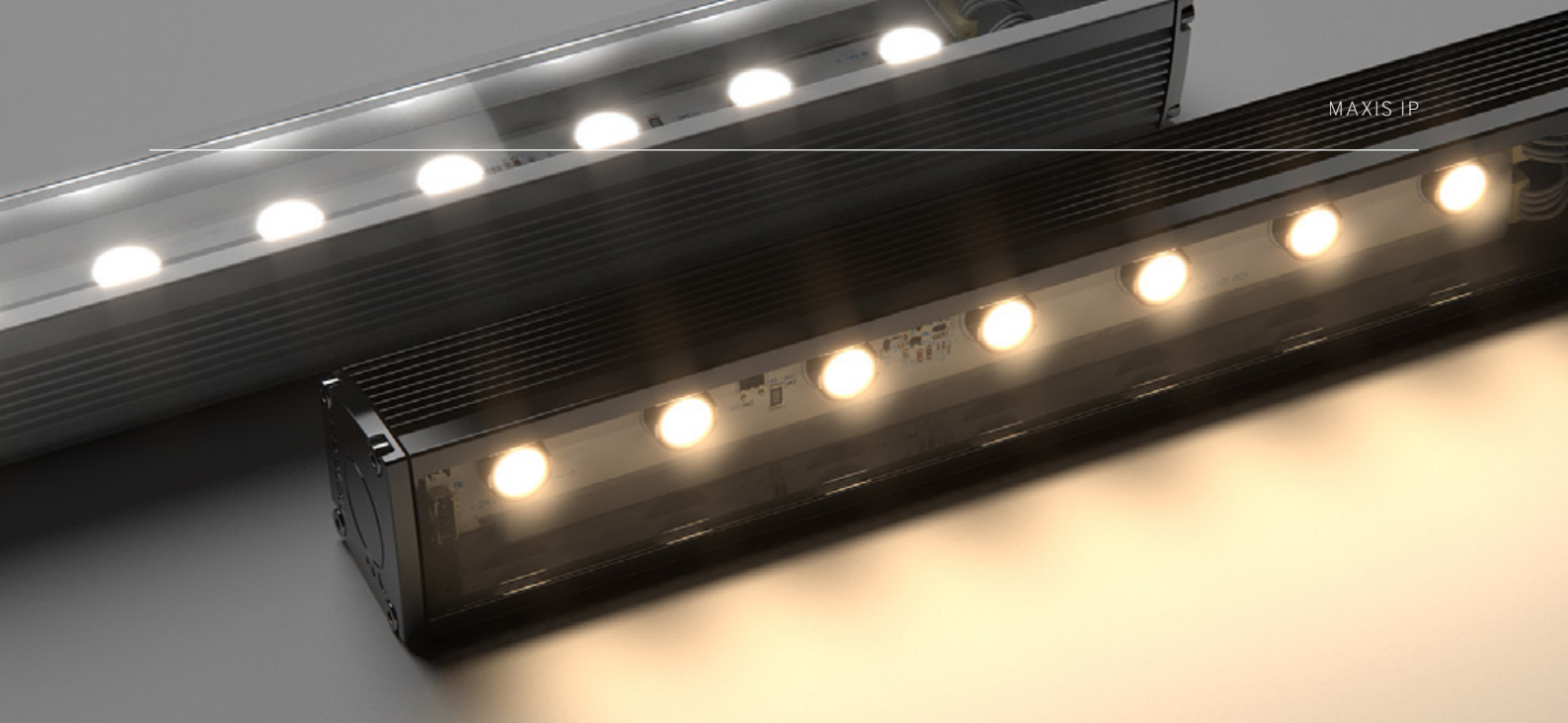




# MAXIS IP

LINEAR HIGH POWER PRJ-MAXIS IP





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** - 3,950 – 4,640 lm / metre<sup>1</sup>

#### COLOUR TEMPERATURE

2700K

3000K

3200K

4000K

<sup>1</sup> Measured at 3000K CRI / Black Profile

## 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.



## ELEGANT ENCAPSULATION

Maxis IP utilises Coolon's encapsulation technology and signature build quality to deliver an outdoor luminaire that's uniquely resilient. IP66, IK08, shock and abrasion resistance and thermal protection just add to the appeal of this versatile all-star.



### 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.



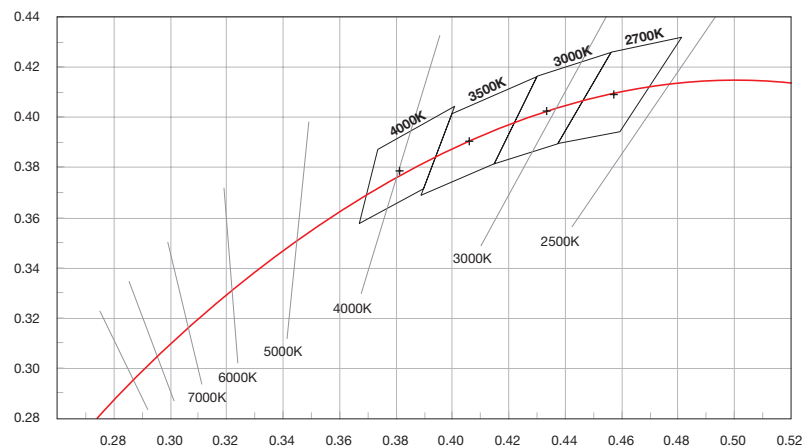
### PROUDLY MADE IN AUSTRALIA

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	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	17.52W per 290mm Segment
Typical Power Consumption per Metre	60W per Metre
Typical Current	730mA 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-DALLOGIC or CTR-DALLOGIC-IP (sold separately)
Ambient Operating Temp	Ta -40°C to 50°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





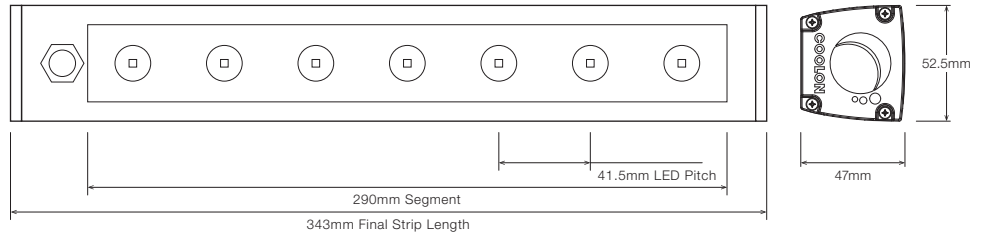
▪ LUMEN / METRE MATRIX

POWER	LUMINOUS FLUX			
	2700K	3000K	3200K	4000K
<b>60W</b> 60W / metre				
<b>PC Profile</b> (White, 14D Optics) 	NM	4,580 lm / metre	NM	NM
<b>PC Profile</b> (White, 30D Optics) 	NM	4,270 lm / metre	NM	NM
<b>PC Profile</b> (White, 50D Optics) 	NM	4,344 lm / metre	NM	NM
<b>PC Profile</b> (White, 04018D Optics) 	NM	4,825 lm / metre	NM	NM
<b>PC Profile</b> (White, F10020D Optics) 	NM	4,107 lm / metre	NM	NM
<b>PC Profile</b> (Black, 14D Optics) 	NM	4,210 lm / metre	NM	NM
<b>PC Profile</b> (Black, 30D Optics) 	NM	4,100 lm / metre	NM	NM
<b>PC Profile</b> (Black, 50D Optics) 	NM	4,170 lm / metre	NM	NM
<b>PC Profile</b> (Black, 04018D Optics) 	NM	4,640 lm / metre	NM	NM
<b>PC Profile</b> (Black, F10020D Optics) 	NM	3,950 lm / metre	NM	NM

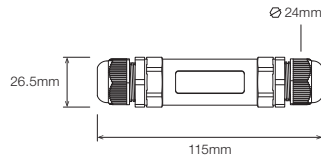
NM : Lumen output NOT MEASURED

■ DIMENSIONS

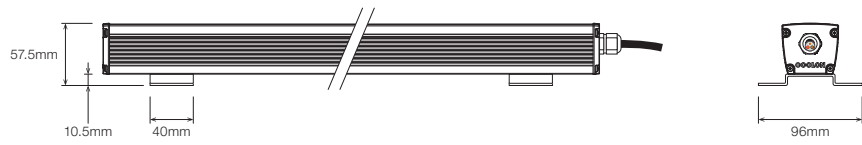
For final strip lengths please refer to the "Product Length" table.



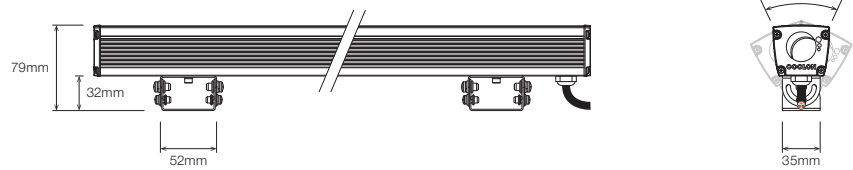
**CABLE EXTENSION JOINER**



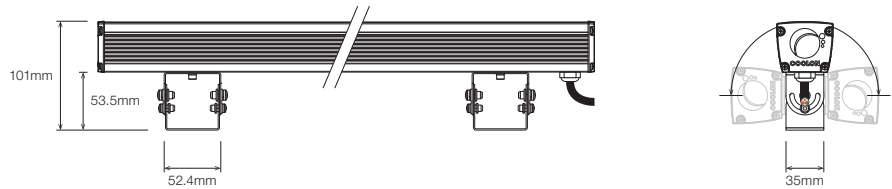
**FLAT MOUNTING BRACKET**



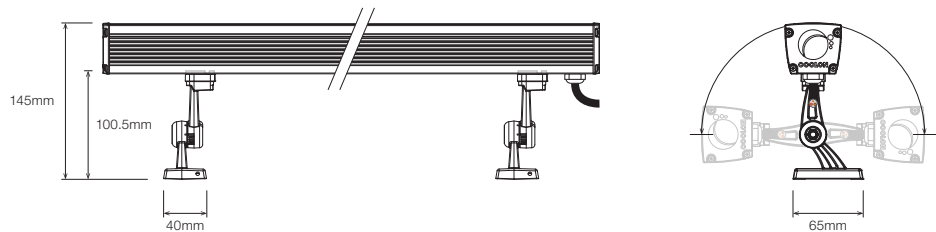
**25° ROTATING MOUNTING BRACKET**



**90° ROTATING MOUNTING BRACKET**













**ARCHITECTURAL SWIVEL BRACKET**

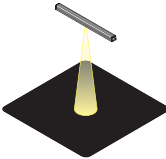
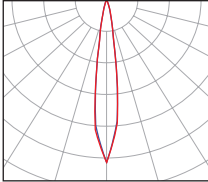
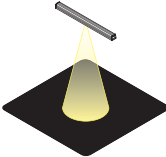
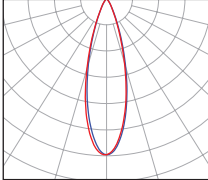
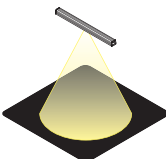
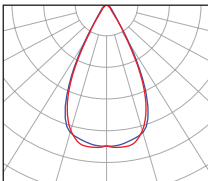
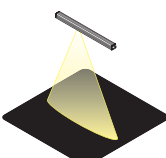
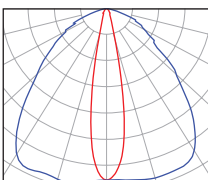
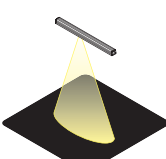
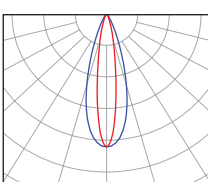
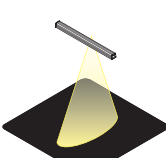
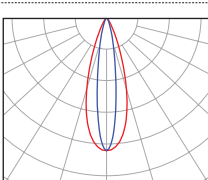
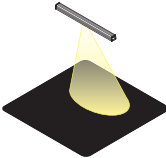
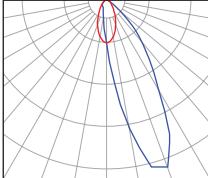


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■ PRODUCT LENGTH

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		POLAR DISTRIBUTION
<p>14D Narrow Beam 14° Beam Angle</p>		
<p>30D Medium Beam 30° Beam Angle</p>		
<p>50D Wide Beam 50° Beam Angle</p>		
<p>F10020D Flare Beam Flare 100° x 20° Beam Angle</p>		
<p>O4018D Oval Beam Oval 40° x 18° Beam Angle</p>		
<p>R4018D Oval Rotated Beam Oval 18° x 40° Beam Angle  * On request only</p>		
<p>A3020D Asymmetric Forward Throw Asymmetric 30° x 20° Beam Angle</p>		



▪ DIFFUSER

PC · Polyurethane Clear



▪ 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
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



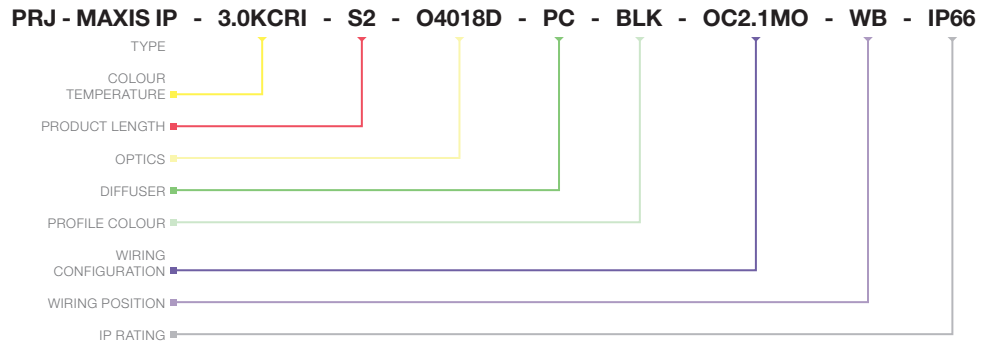
Ideal for fittings installed individually or vertically.

IP RATING

**IP66**

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

ORDERING EXAMPLE



■ COLOUR TEMPERATURE

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

■ 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

■ OPTICS

14D	14° Beam
30D	30° Beam
50D	50° Beam
F10020D	Flare 100° x 20° Beam
O4018D	Oval 40° x 18° Beam
R4018D	Oval 18° x 40° Beam
A3020D	Asymmetric 30° x 20° Beam

■ DIFFUSER

PC	Polyurethane Clear
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■ PROFILE COLOUR

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

■ WIRING CONFIGURATION

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

■ WIRING POSITION






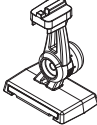

WB	Wire from Back
WS	Wire from Side

■ IP RATING

IP66	Outdoor Use
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<sup>1</sup> Custom colours available on request

## ■ ACCESSORIES


	PRODUCT CODE	DESCRIPTION
<b>MOUNTING BRACKET <sup>1</sup></b>		
	MBR-PRJ-FLAT-BLK	Flat Mounting Bracket - Black
	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

<sup>1</sup> 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 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-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