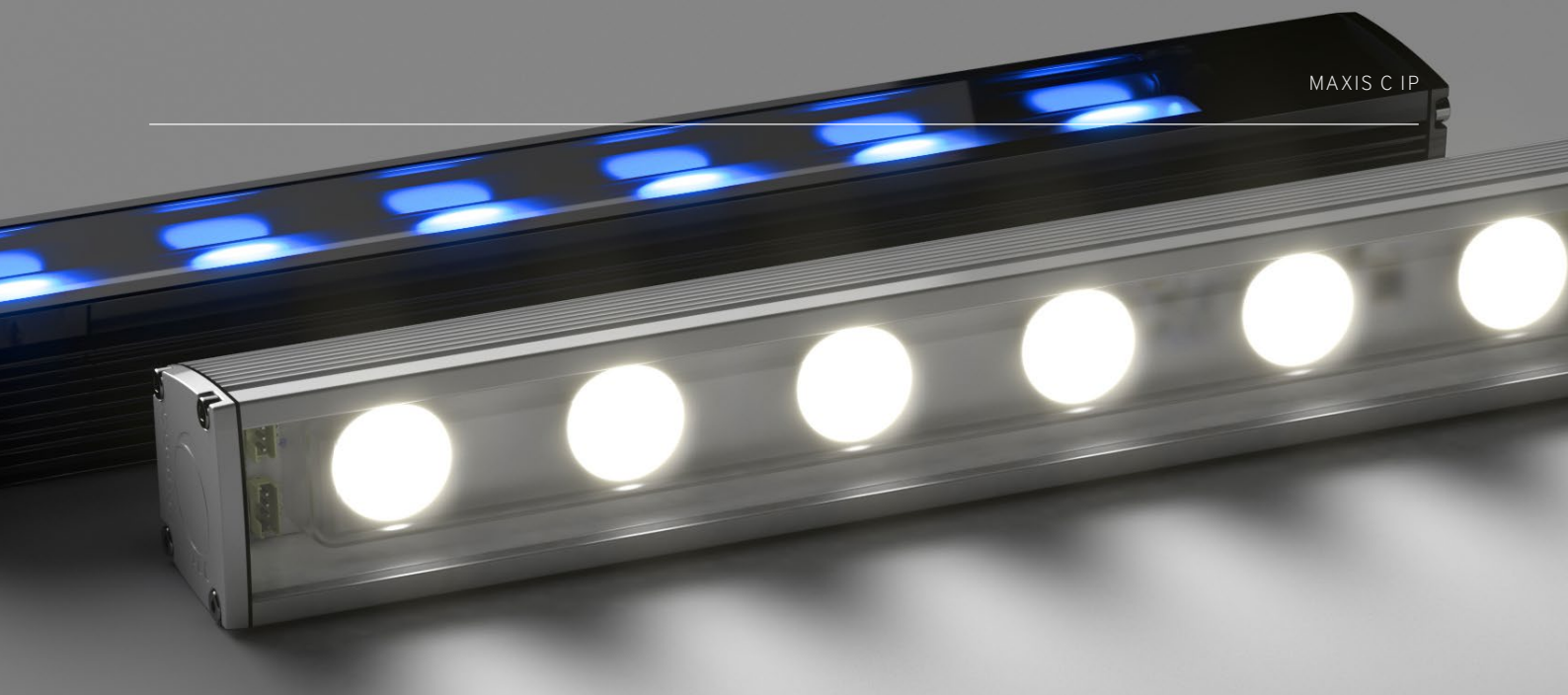# COOLON

MAXIS C IP

LINEAR HIGH POWER | PRJ-MAXIS C IP

Maxis C IP is an outdoor luminaire capable of high lumen output – available in a range of vibrant, static colours. Pure static colour is provided without the need for external control, for maximum efficacy and high impact.

Unique encapsulation methods result in a robust outdoor luminaire, and a range of brackets ensure easy installation and accurate aiming.

POWER	LUMINOUS FLUX
60W 60W / metre	**PC** · Varies with colour

COLOURS

Blue	Green	Red	Amber

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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 C IP.

OPTICAL VARIATIONS

Maxis C 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.

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.
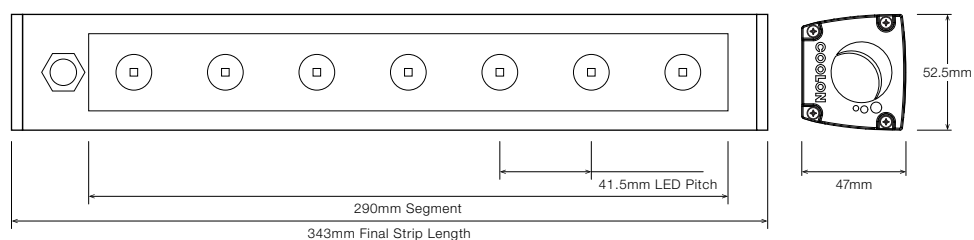
PROUDLY MADE IN AUSTRALIA

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.
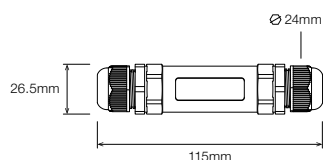
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▪ TECHNICAL SPECIFICATIONS

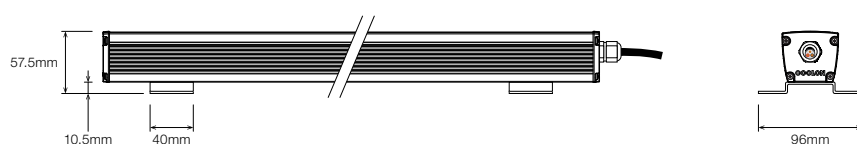|	BLUE	GREEN	RED	AMBER
Product Code	PRJ-MAXIS C IP			
Description	Maxis C IP Linear High Power Projector			
Body	Aluminium Alloy Body			
Finish	Powder Coated Black (Standard), Various Colours Available			
Cover	Polyurethane Clear for Outdoor applications			
End Caps	Polycarbonate			
LEDs Per Segment	7			
Operating Voltage	24VDC			
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)	Varies with colour			
Ambient Operating Temp	Ta -10°C to 40°C			
Thermal Management	Yes (Active)			
Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, I_f = 1000mA)	L70 (18K) > 99,800 hours L90 (18K) > 45,600 hours Maxis C IP max. operating values (@ Ts = 60°C, I_f = 730mA)			
IP Rating	IP66 (Standard)			

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▪ DIMENSIONS

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

52.5mm

47mm

41.5mm LED Pitch

290mm Segment

343mm Final Strip Length

CABLE EXTENSION JOINER

∅ 24mm

26.5mm

115mm

FLAT MOUNTING BRACKET

57.5mm

10.5mm

40mm

96mm
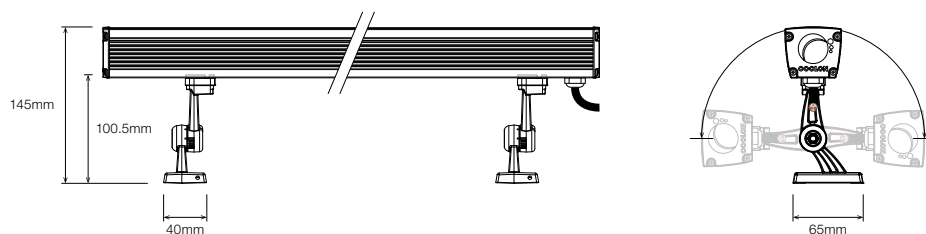
25° ROTATING MOUNTING BRACKET

79mm

32mm

52mm

35mm

90° ROTATING MOUNTING BRACKET

101mm

53.5mm

52.4mm

35mm

ARCHITECTURAL SWIVEL BRACKET

145mm

100.5mm

40mm

65mm

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● COOLON
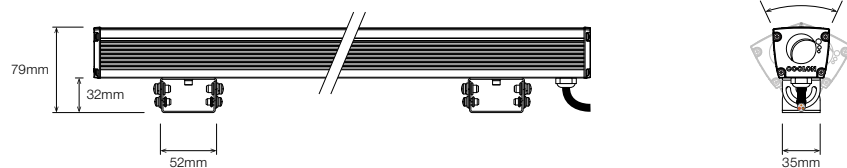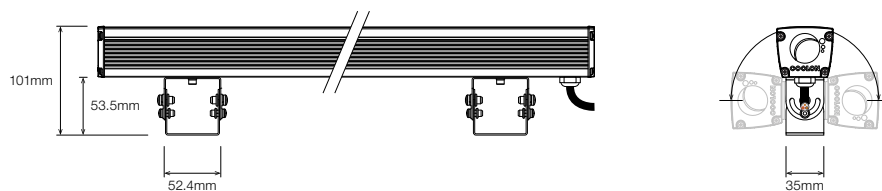
- PRODUCT
  LENGTH

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°	
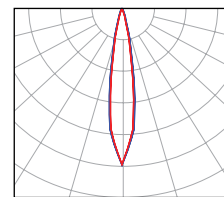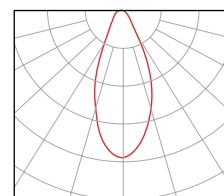
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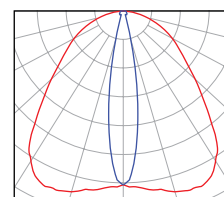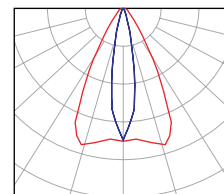
▪ DIFFUSER

PC · Polyurethane Clear

▪ PROFILE
COLOUR

BLK · Black

WHT · White

CST · Custom Colour [1]

[1] Custom colours available on request

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▪ WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	MALE	FEMALE
WR2.1OS 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.
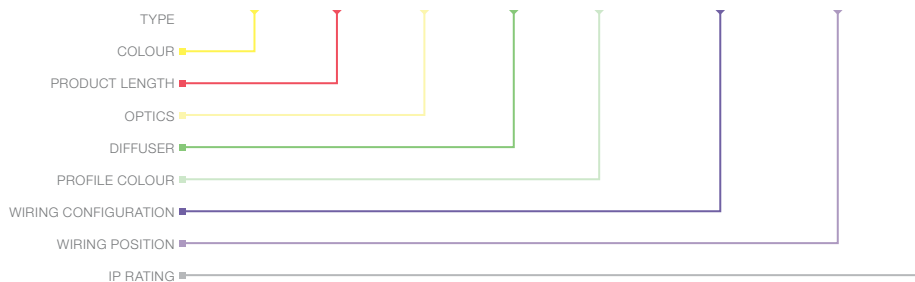
▪ IP RATING

IP66

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

▪ ORDERING EXAMPLE

PRJ - MAXIS C IP - BLU - S2 - O209 - SC - BLK - WR2.1OS - WB - IP66

TYPE
COLOUR
PRODUCT LENGTH
OPTICS
DIFFUSER
PROFILE COLOUR
WIRING CONFIGURATION
WIRING POSITION
IP RATING

▪ **COLOUR** PAGE 04	
BLU	Blue
GRN	Green
RED	Red
AMB	Amber

▪ **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

▪ **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	
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
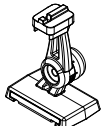
▪ **IP RATING** PAGE 08	
IP66	Outdoor Use

[1] Custom colours available on request

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▪ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING BRACKET *		
	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

* 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
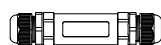
CABLE EXTENSIONS		
	CBLEXT-PRJ-WR2.1-IP65-3M	3m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner
	CBLEXT-PRJ-WR2.1-IP65-5M	5m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner
	CBLEXT-PRJ-WR2.1-IP65-10M	10m Length, 3 Core 2x14+1x18AWG Cable Extension with outdoor joiner
	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 lose wires
	CBLEXT-PRJ-OC2.1F-IP65-10M	10m Length, 3 Core Leader Cable with outdoor joiner and lose wires

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