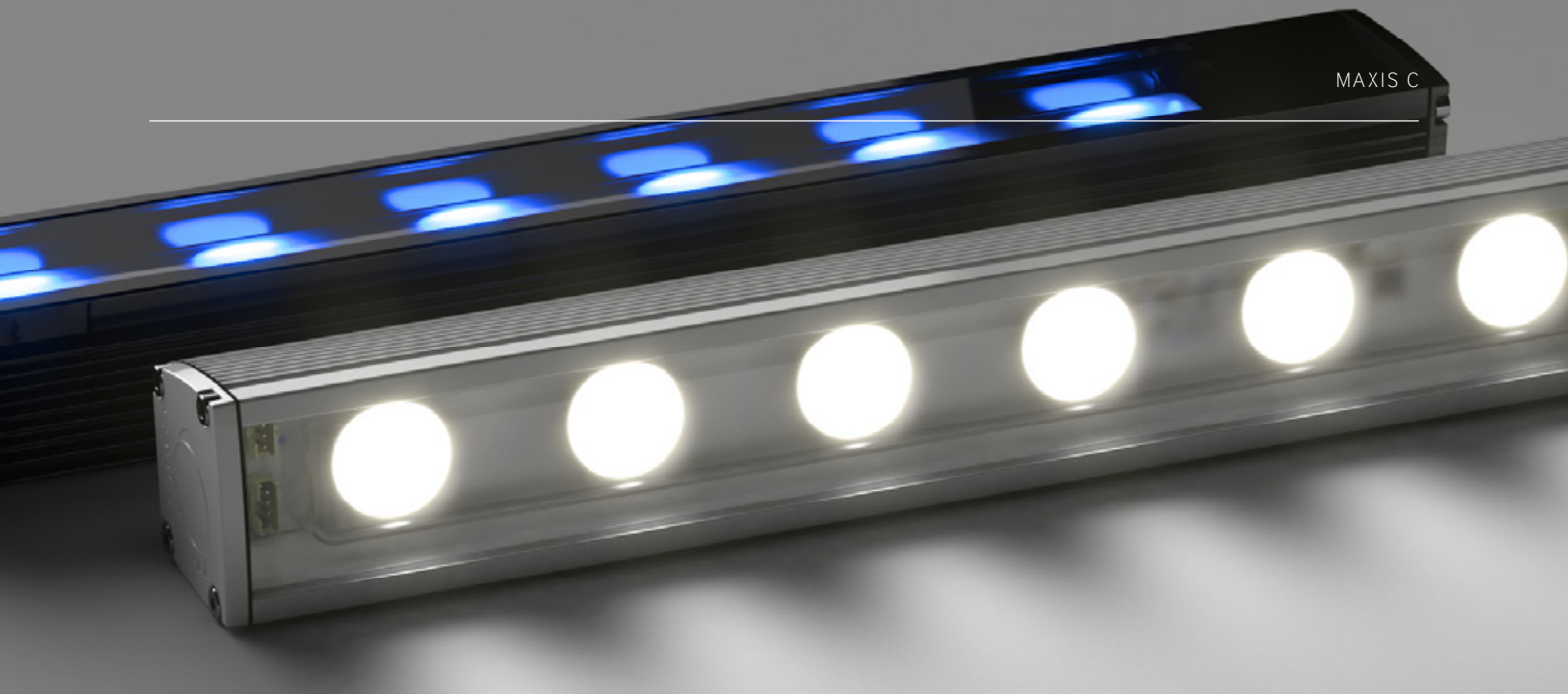




# MAXIS C

LINEAR HIGH POWER PRJ-MAXIS C





Maxis C is a high-power 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.

Precision optics and the assistance of range of brackets ensure easy installation and accurate aiming, allowing you to execute unique and vibrant effects.

**POWER**

**LUMINOUS FLUX**

**60W**

60W / metre



**SC** - Varies with colour

**COLOURS**



## 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.



## OPTICAL VARIATIONS

Maxis C 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.



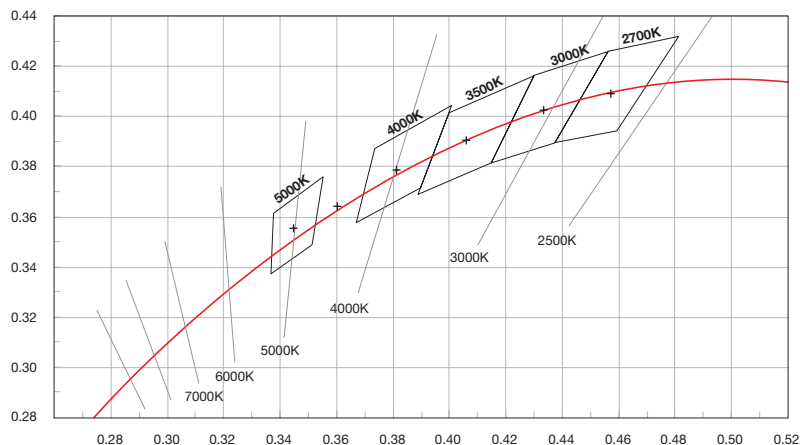
### PROUDLY MADE IN AUSTRALIA

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.

TECHNICAL SPECIFICATIONS

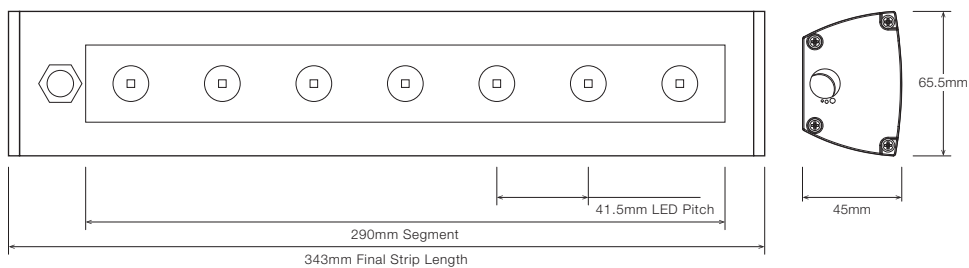
	BLUE	GREEN	RED	AMBER
Product Code	PRJ-MAXIS C			
Description	Maxis C Linear High Power Projector			
Body	Aluminium Alloy Body			
Finish	Powder Coated Black (Standard), Various Colours Available			
Cover	Polycarbonate Clear for Indoor Applications			
End Caps	Polycarbonate			
LEDs Per Segment	7			
Operating Voltage	24VDC			
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 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 C max. operating values (@ Ts = 60°C, If = 730mA)			
IP Rating	IP40 (Standard)			
Max Continuous Connection Length	Please refer to installation limitations			

COLOUR TEMPERATURE

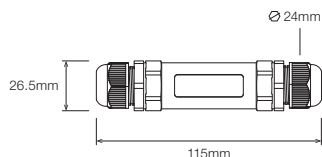


■ DIMENSIONS

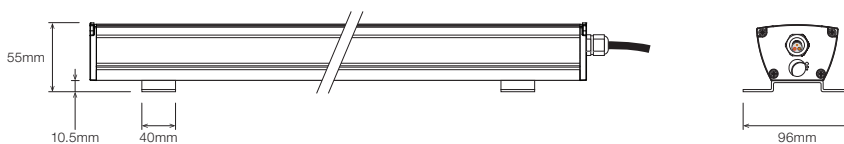
For final strip lengths please refer to the "Product Length" table.



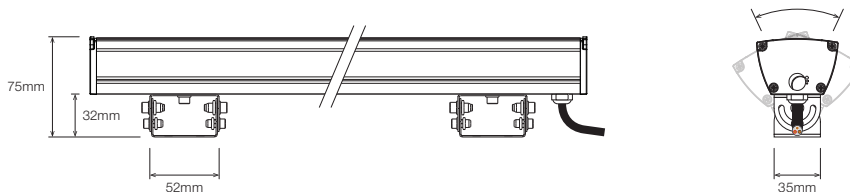
**CABLE EXTENSION JOINER**



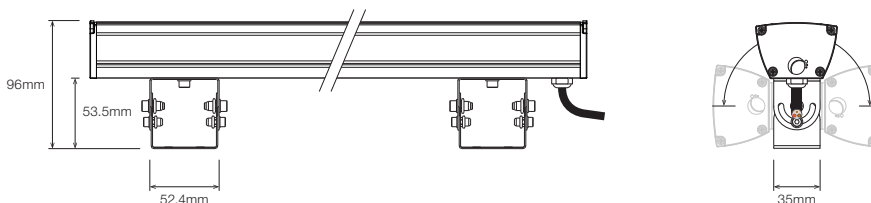
**FLAT MOUNTING BRACKET**



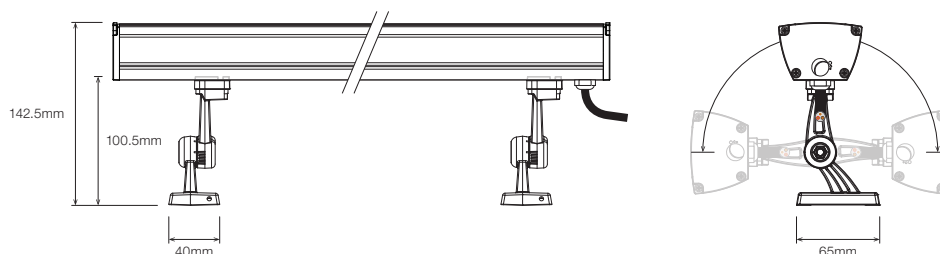
**25° ROTATING MOUNTING BRACKET**



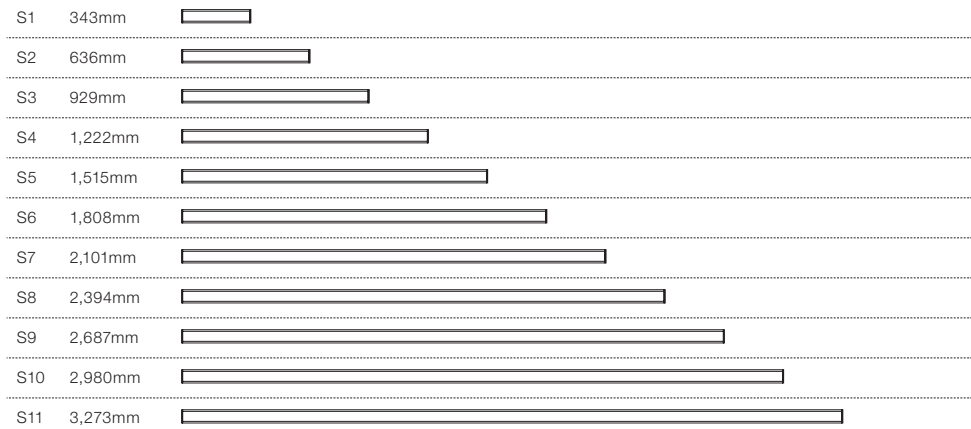
**90° ROTATING MOUNTING BRACKET**



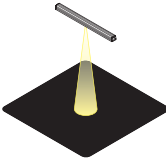
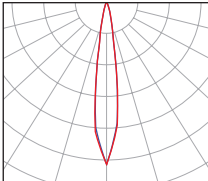
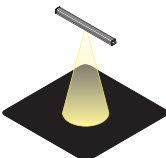
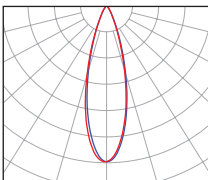
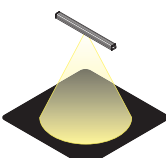
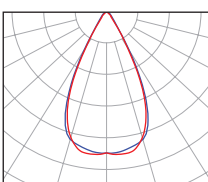
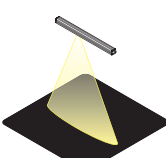
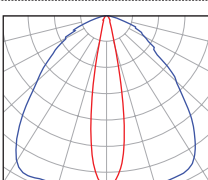
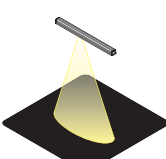
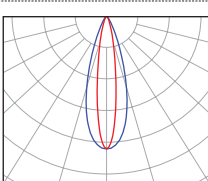
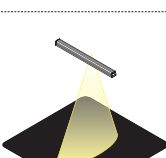
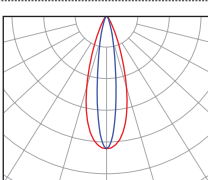
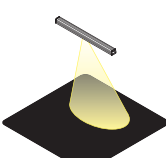
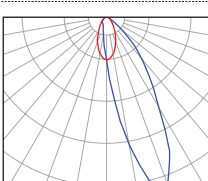
**ARCHITECTURAL SWIVEL BRACKET**



▪ PRODUCT LENGTH



■ 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

**SC** - Standard Clear Cover



▪ 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
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.

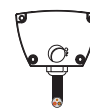
WIRING COLOUR CODE	
Red	+ VDC
Black	GND
White	Dimming

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.



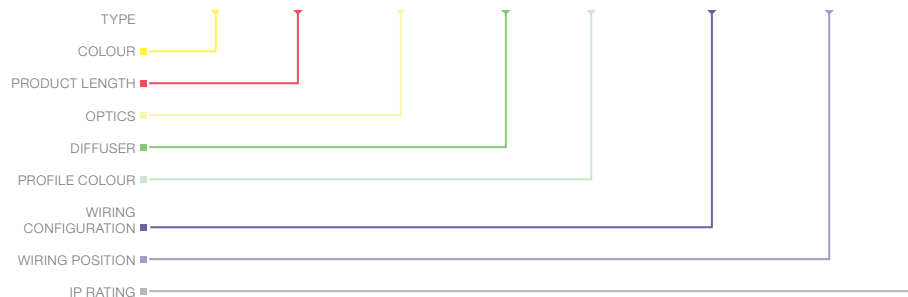
IP RATING

**IP40**

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

ORDERING EXAMPLE

**PRJ - MAXIS C - BLU - S2 - O4018D - SC - BLK - WR2.1OS - WB - IP40**



■ **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
S11	3,273mm

■ **OPTICS** PAGE 06

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** PAGE 07

SC	Standard Clear
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■ **PROFILE COLOUR** PAGE 07

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

■ **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
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<sup>1</sup> Custom colours available on request

## ■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
<b>MOUNTING BRACKET *</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

\* 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