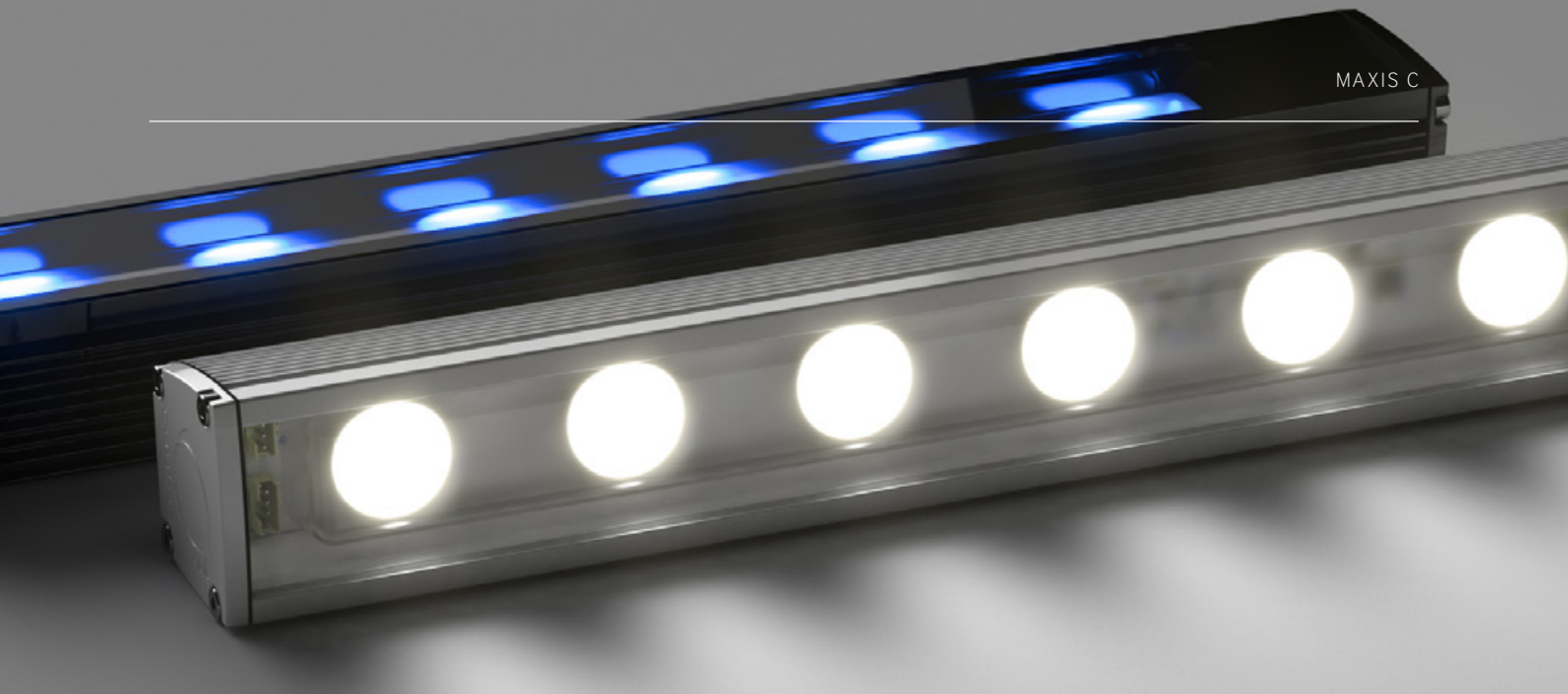




MAXIS C

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

60W
60W / metre

LUMINOUS FLUX



SC - 3000 lm / metre

COLOURS



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 C.



OPTICAL VARIATIONS

Maxis C 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 comprehensible manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.



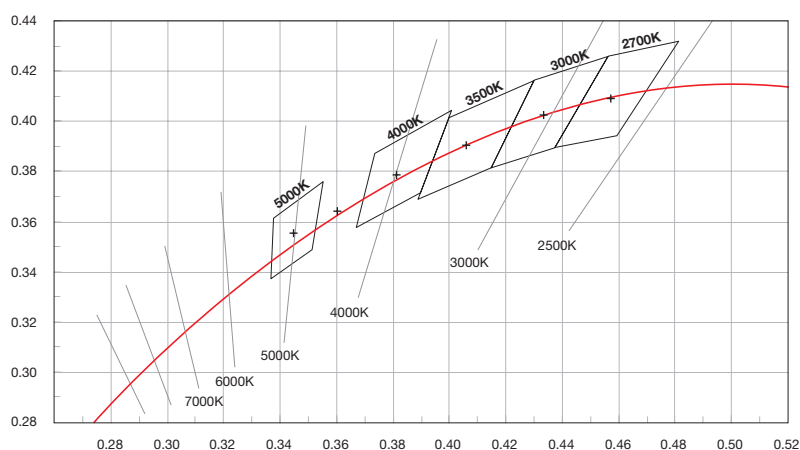
PROUDLY MADE IN AUSTRALIA

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

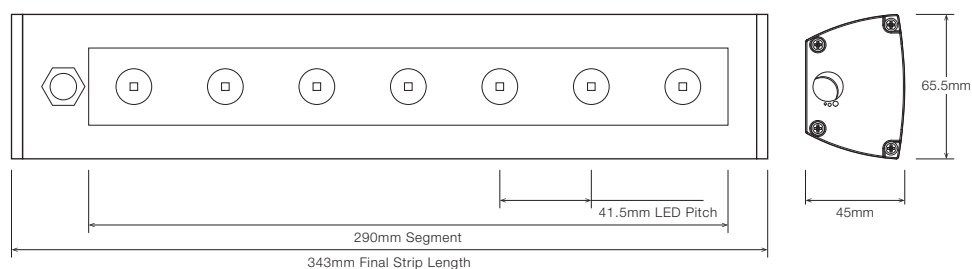
	BLUE	GREEN	RED	AMBER
Product Code	PRJ-MAXIS C			
Description	Maxis C Linear High Power Projector			
Body	Aluminium Alloy Body			
Finish	Powder Coated Black (Standard), Various Colours Available			
Cover	Polycarbonate (SC) Clear			
End Caps	Polycarbonate			
LEDs Per Segment	7			
Operating Voltage	24VDC			
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)			

COLOUR TEMPERATURE

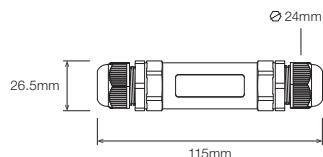


DIMENSIONS

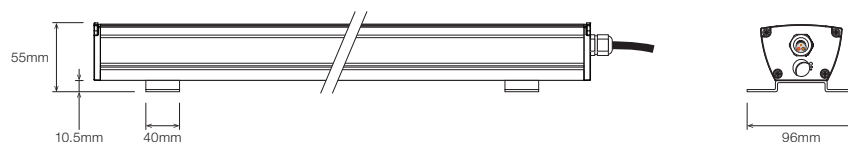
For final strip lengths please refer to the "Product Length" table.



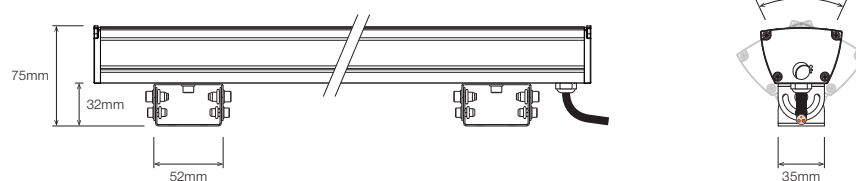
CABLE EXTENSION JOINER



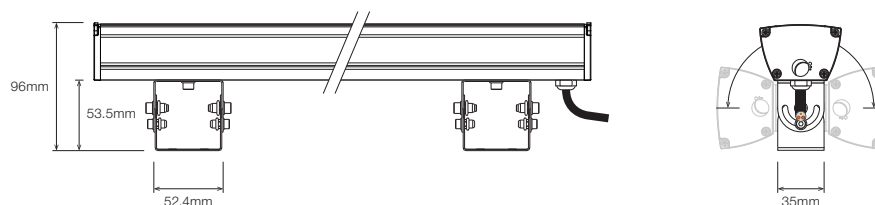
FLAT MOUNTING BRACKET



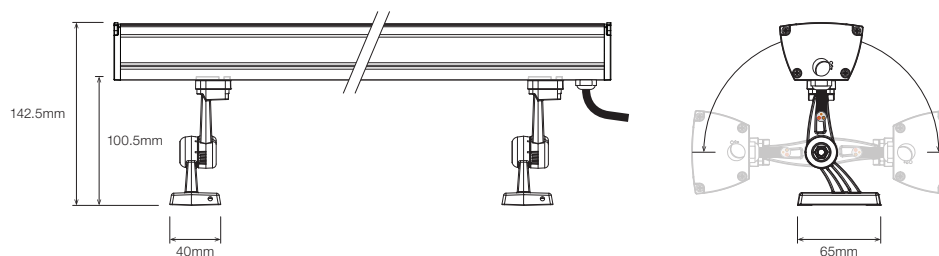
25° ROTATING MOUNTING BRACKET









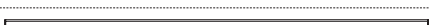




90° ROTATING MOUNTING BRACKET



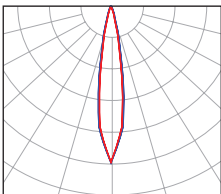
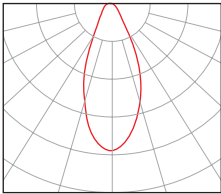
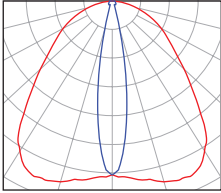
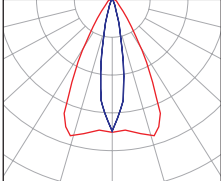
ARCHITECTURAL SWIVEL BRACKET



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	
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.

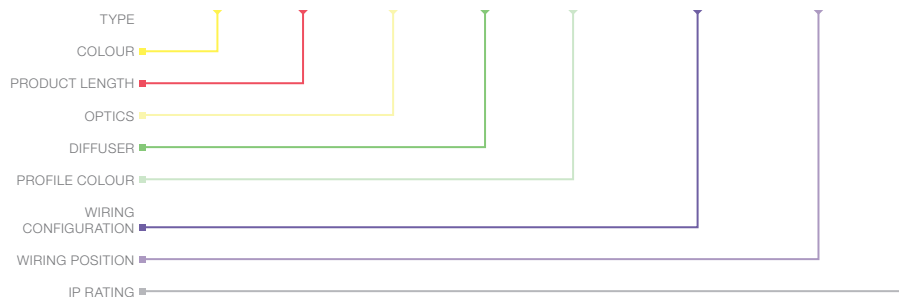
IP RATING

IP40

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

ORDERING EXAMPLE

PRJ - MAXIS C - BLU - S2 - O209 - 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

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

DIFFUSER PAGE 07

SC	Standard Clear
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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

IP40	Indoor Use
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¹ Custom colours available on request

■ ACCESSORIES

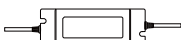
	PRODUCT CODE	DESCRIPTION
MOUNTING BRACKET *		
	MBR-PRJ-FLAT-BLK	Flat Mounting Bracket - Black
	MBR-PRJ-FLAT-WHT	Flat Mounting Bracket - White
	MBR-PRJ-ST25-BLK	25 Degree Rotating Mounting Bracket - Black
	MBR-PRJ-ST25-WHT	25 Degree Rotating Mounting Bracket - White
	MBR-PRJ-ST90-BLK	90 Degree Rotating 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

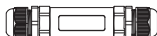
POWER SUPPLY FOR INDOOR USE

	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-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
	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

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