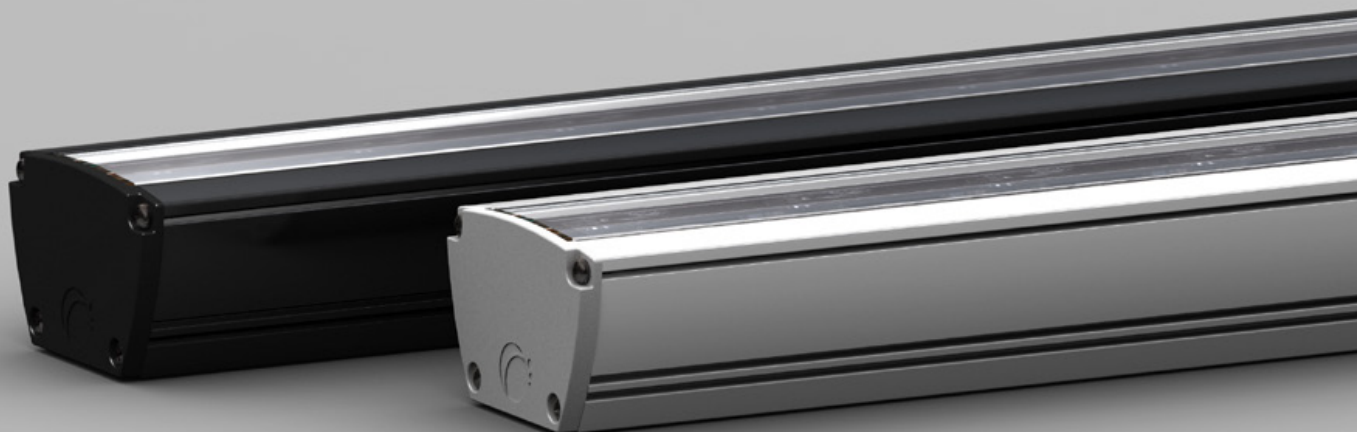




# MAXIS RGB

RGB Linear High Power





The Maxis RGB Linear LED Luminaire is perfect for giving that intense atmospheric wash of colour on your selected flat surface.

The colour effect is striking, undoubtedly effective and attention grabbing. Each ultra bright red, green and blue LED has 256 steps of color depth, providing you with virtually limitless colour selection. The Maxis RGB Linear LED Luminaires are easily installed with the assistance of various mounting gears and rotating equipment and can be controlled using a DMX or a standard RGB controller.

**LUMINOUS FLUX**

Varies with colour



**POWER**

60W / Meter



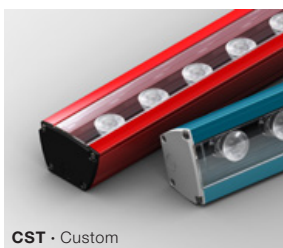
**RGB FULL COLOURS**



**BLK** · Black



**WHT** · White



**CST** · Custom

# RGB FULL COLOUR

The Maxis RGB is a high output RGB LED Luminaire that can be fully controlled via DMX. The Maxis RGB offers a range of dynamic colours enabling the user to create colourful sequences or to fine tune a particular static colour.



## OPTICAL VARIATIONS

The high power range comes in a range of optical variations, offering the ability to maximise the effective performance in each particular application. The Maxis RGB also offers “Uniform Glow”, a completely uniformly illuminated diffuser.



### LONG USEFUL OPERATING LIFE

Currently available specification from world's most reputable LED manufacturers states 50,000 hours of continuous operation at the rated current within the operating temperature range to 70% residual light output.



### FLEXIBLE COLOUR MIXING VARIATIONS

Combining three individual red, green and blue LEDs to provide spectacular colour mixing. Our high performance and superior quality LEDs have the ability to produce 16.7 million colours.



### 3 YEARS FULL /SOLID 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.

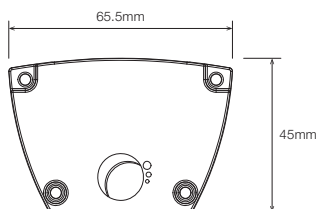
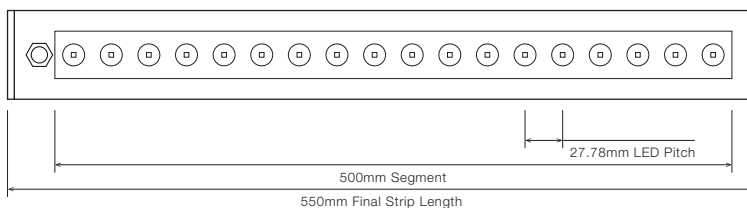
## TECHNICAL SPECIFICATIONS

Product Code	PRJ-MAXIS-RGB
Description	Maxis RGB Linear High Power Projector
Body	Aluminium Alloy Body
Finish	Anodised: Black (Standard), Powder Coated: Various Colours Available
Cover	UV Stable Polycarbonate (PC) Clear, Polycarbonate (PC) Diffused
End Caps	Polycarbonate (PC)
LEDs Per Segment	18
Operating Voltage	24VDC
Typical Power Consumption per Segment	30W (max) per 500mm segment
Typical Power Consumption per Meter	60W (max) per Meter
Typical Current	3CH X 425mA per 500mm segment
Colour Rendering Index (CRI)	Varies with colour
Max Continuous Connection Length	Please refer to installation limitations
Dimmable	With RDM DMX Driver
Luminous Flux per Meter (lm/M)	Varies with colour
External Heatsink Required	Yes
Ambient Operating Temp	Ta -20°C to 50°C
Thermal Operating	Yes (Active)
Average Lumen Maintenance @Ta 25°C	70% @ 50,000 Hours
IP Rating	IP40 (Standard), up to IP65
Wavelength	<span style="color: red;">■</span> 628nm <span style="color: green;">■</span> 522nm <span style="color: blue;">■</span> 474nm

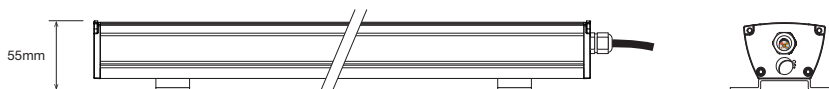


■ DIMENSIONS

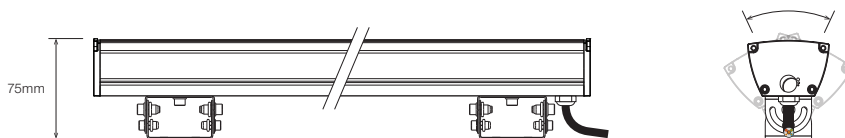
For final strip lengths please refer to the "Product Length" table.



**FLAT MOUNTING BRACKET**

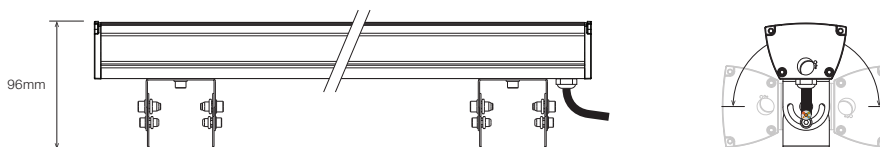


**25° MOUNTING BRACKET**






+ / - 25° angle adjustment

**90° MOUNTING BRACKET**


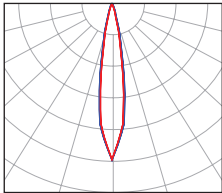
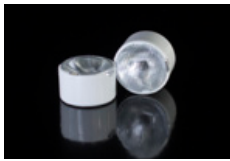
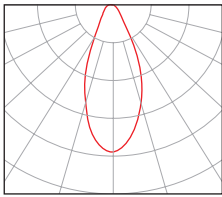

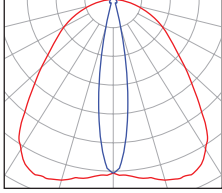

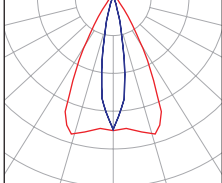


+ / - 90° angle adjustment

▪ PRODUCT LENGTH

MAXIS RGB		
S1	550mm	
S2	1050mm	
S3	1550mm	

▪ 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



**SD** - Standard Diffused Cover



▪ PROFILE COLOUR

**BLK** - Black



**WHT** - White



**CST** - Custom Colour \*



\* Custom colours available on request

WIRING CONFIGURATION

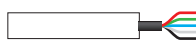
CONNECTOR TYPE

DRAWING

FEMALE

MALE

WR5OS  
Wire 5 Core One Side



- Typical Loom Length 1500 mm with Cable's O.D. 7.5mm
- Extension cables between LED fittings and driver or PSU is achievable depending on LED load, outdoor or indoor applications. Please consult Coolon for details.

WIRING COLOUR CODE	
Black	+ VDC
Red	- RED
Green	- GREEN
Blue	- BLUE
White	Not In Use

WIRING POSITING

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.

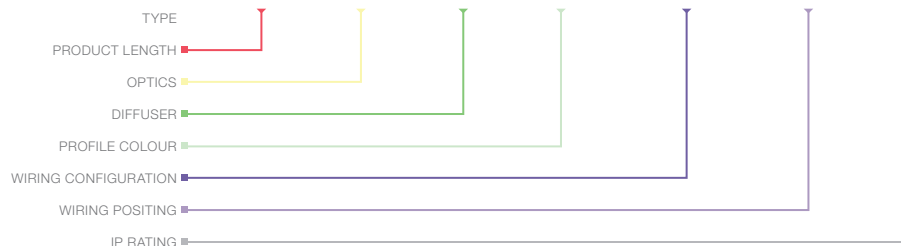
**IP65**

Fully protected against dust. Protected against water jets from all directions



ORDERING EXAMPLE

**PRJ - MAXIS RGB - S2 - O209 - SC - BLK - WR5OS - WB - IP65**



■ **PRODUCT LENGTH** PAGE 06

S1	550mm
S2	1050mm
S3	1550mm

■ **OPTICS** PAGE 06

L07	14° Beam
L25	50° Beam
F5010	Flare 100° x 20° Beam
O209	Oval 40° x 18° Beam
NOP	No Optics

■ **DIFFUSER** PAGE 07

SC	Standard Clear
SD	Standard Diffused

■ **PROFILE COLOUR** PAGE 07

BLK	Black (Standard)
WHT	White
CST	Custom Colour *

■ **WIRING CONFIGURATION** PAGE 08

WR5OS	Wire 5 Core One Side
-------	----------------------

■ **WIRING POSITING** PAGE 08




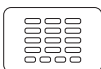

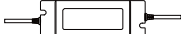

WB	Wire from Back
WS	Wire from Side

■ **IP RATING** PAGE 08

IP40	
IP65	

\* Custom colours available on request

## ■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
<b>BRACKET</b>		
	MBR-AL-FLAT	Flat Mounting Bracket
	MBR-ST-25DEG	25 Degree Rotating Mounting Bracket
	MBR-ST-90DEG	90 Degree Rotating Mounting Bracket
<b>CONTROLLER</b>		
	CTR-DMX-CPAN-4G	Coolon Control DMX Control Panel
	DMX-COOLDMX-4G	Coolon Standalone DMX Sequence Player with 4GB SD card
<b>DRIVER</b>		
	DRV-DMX-4X2A-RDMP4	Coolon Indoor RDM Point 4 channel PWM driver DMX512
	DRV-DMX-4X2A-RDMP4-IP	Coolon Outdoor RDM Point 4 channel PWM driver DMX512
<b>POWER SUPPLY FOR INDOOR USE</b>		
	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
<b>POWER SUPPLY FOR OUTDOOR USE (IP67)</b>		
	PWR-HLG60-24V	Mean Well Power Supply HLG 60W 24V IP67
	PWR-HLG100-24V	Mean Well Power Supply HLG 100W 24V IP67
	PWR-HLG150-24V	Mean Well Power Supply HLG 150W 24V IP67
	PWR-HLG240-24V	Mean Well Power Supply HLG 240W 24V IP67
	PWR-HLG320-24V	Mean Well Power Supply HLG 320W 24V IP67