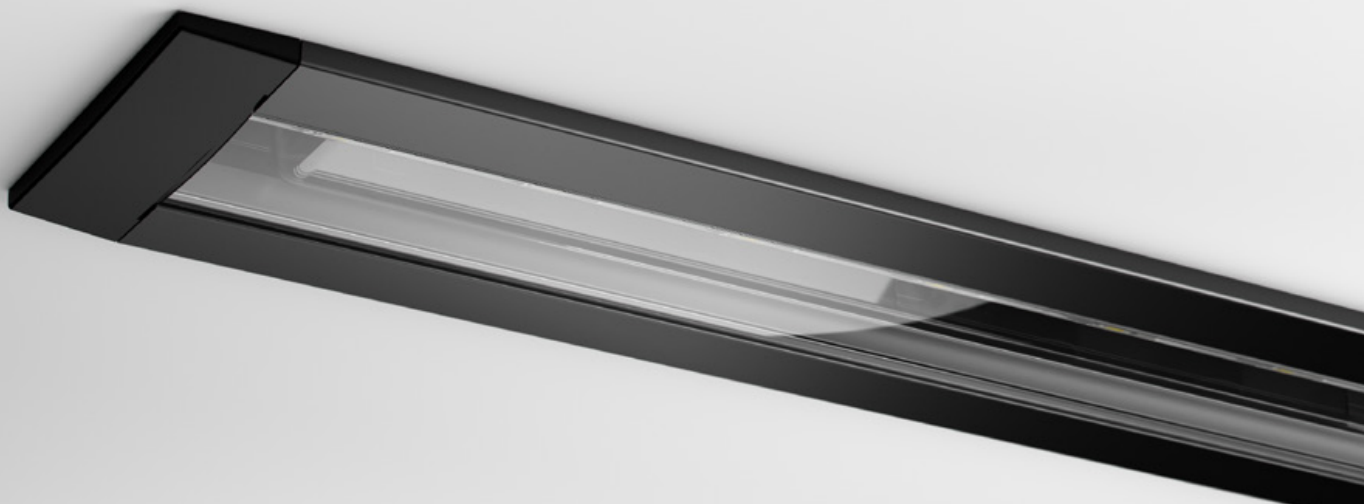




# MIRA

LINEAR HIGH POWER PRJ-MIRA





The Mira is a High Power Linear LED Luminaire capable of high lumen output, available with various optics and colour temperatures.

The Mira is easily installed with the assistance of various mounting gear and rotating equipment. There are multiple lengths and exterior colour options for the luminaire as well.

#### POWER

**60W**

60W / metre

#### LUMINOUS FLUX



**SC** - 3000 lm / metre

#### COLOUR TEMPERATURE

2700K

3000K

3200K

4000K

5000K

## ON-BOARD PWM DIMMING CONTROL

On-board PWM feature allows for accurate and gradual dimming and is a no cost added feature on the Mira.



## OPTICAL VARIATIONS

Mira comes in a range of optical variations, offering the ability to maximise the effective performance in each particular application.



### 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 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.



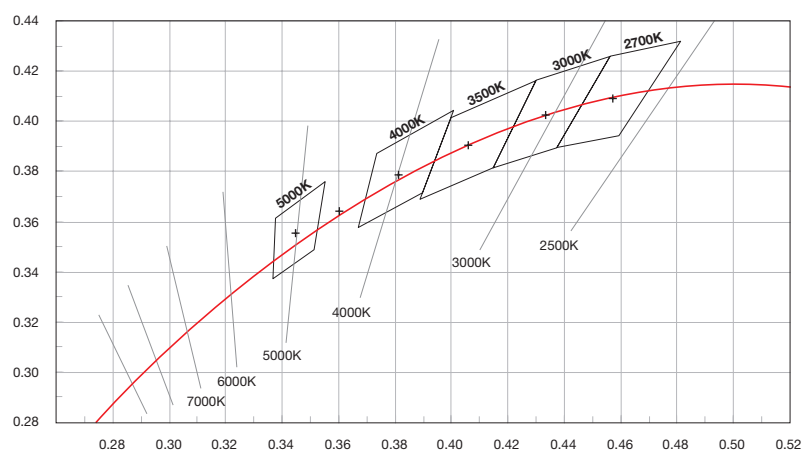
### PROUDLY MADE IN AUSTRALIA

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

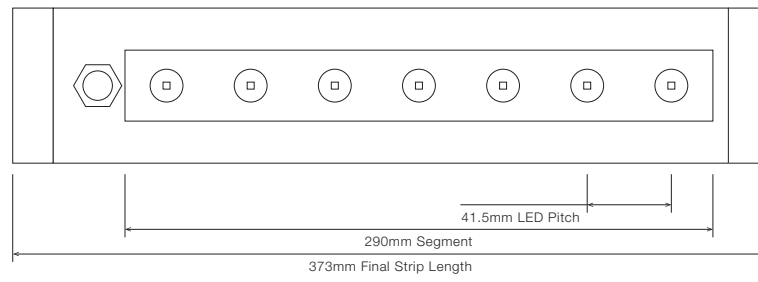
Product Code	PRJ-MIRA
Description	Mira Recessed Linear High Power Projector
Body	Aluminium Alloy Body
Finish	Powder Coated Black (Standard), Various Colours Available
Cover	Polycarbonate Clear (SC)
End Caps	Polycarbonate
LEDs Per Segment	7
Operating Voltage	24VDC
Typical Power Consumption per Segment	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)	3,000lm/Metre
Ambient Operating Temp	Ta -20°C to 40°C
Thermal Management	Yes (Active)
Average Lumen Maintenance @Ta 25°C	70% @ 50,000 Hours
IP Rating	IP40 (Standard)

## COLOUR TEMPERATURE

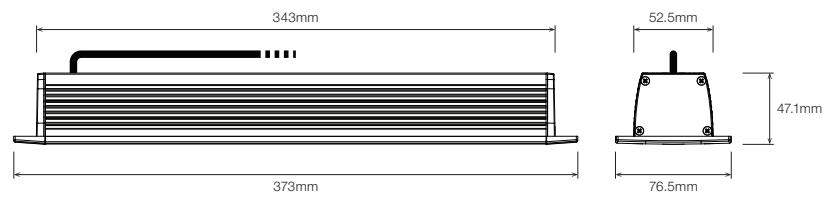


## ■ DIMENSIONS

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



### EXTRUSION DIMENSIONS



▪ PRODUCT LENGTH

S1	373mm	
S2	666mm	
S3	959mm	
S4	1,252mm	

▪ POLAR DISTRIBUTION

OPTIC	BEAM ANGLE	POLAR DISTRIBUTION
L07 	14°	
L25 	50°	
F5010 	Flare 100° x 20°	
O209 	Oval 40° x 18°	

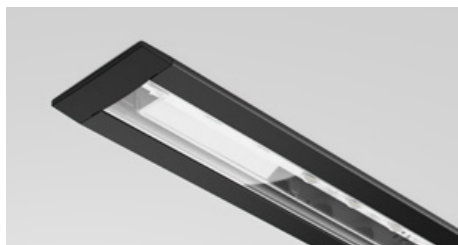
▪ DIFFUSER

**SC** · Standard Clear Cover

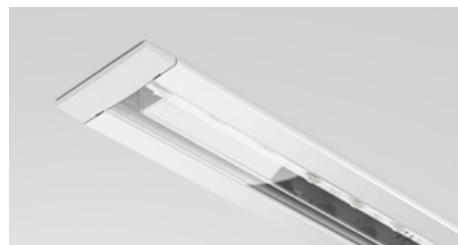


▪ PROFILE COLOUR

**BLK** · Black



**WHT** · White

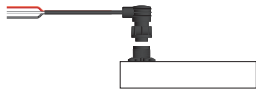





**CST** · Custom Colour <sup>1</sup>



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

WIRING CONFIGURATION

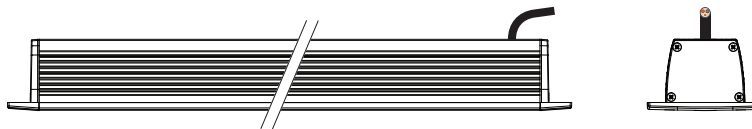
CONNECTOR TYPE	DRAWING	MALE	FEMALE
OC2.1MO Outdoor Connector 3pin Male Only			
SMPLC.1 Sample Type Connector 2.5mm			

- 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.

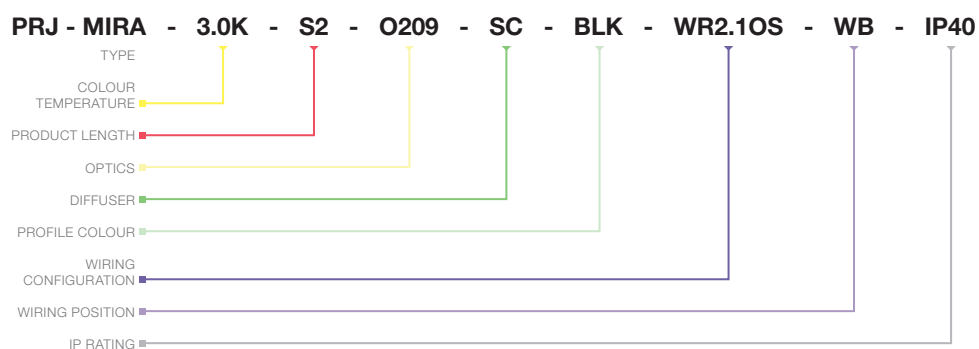
IP RATING

**IP40**

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



## ORDERING EXAMPLE



### ■ COLOUR TEMPERATURE PAGE 04

2.7K	2700K
3.0K	3000K
3.2K	3200K
4.0K	4000K
5.0K	5000K

### ■ PRODUCT LENGTH PAGE 06

S1	373mm
S2	666mm
S3	959mm
S4	1,252mm

### ■ 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
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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
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### ■ IP RATING PAGE 08

IP40	Indoor Use
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<sup>1</sup> Custom colours available on request

## ■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
<b>CONTROLLER</b>		
	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
<b>POWER SUPPLY FOR INDOOR USE</b>		
	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
<b>POWER SUPPLY FOR OUTDOOR USE</b>		
	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	
<b>CABLE EXTENSIONS</b>		
	CBLEXT-PMAX-IP-3M	3m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner
	CBLEXT-PMAX-IP-5M	5m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner
	CBLEXT-PMAX-IP-10M	10m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner
	CBLEXT-PMAX-IP-20M	20m Length, 3 Core RBW 16AWG Cable Extension with outdoor joiner