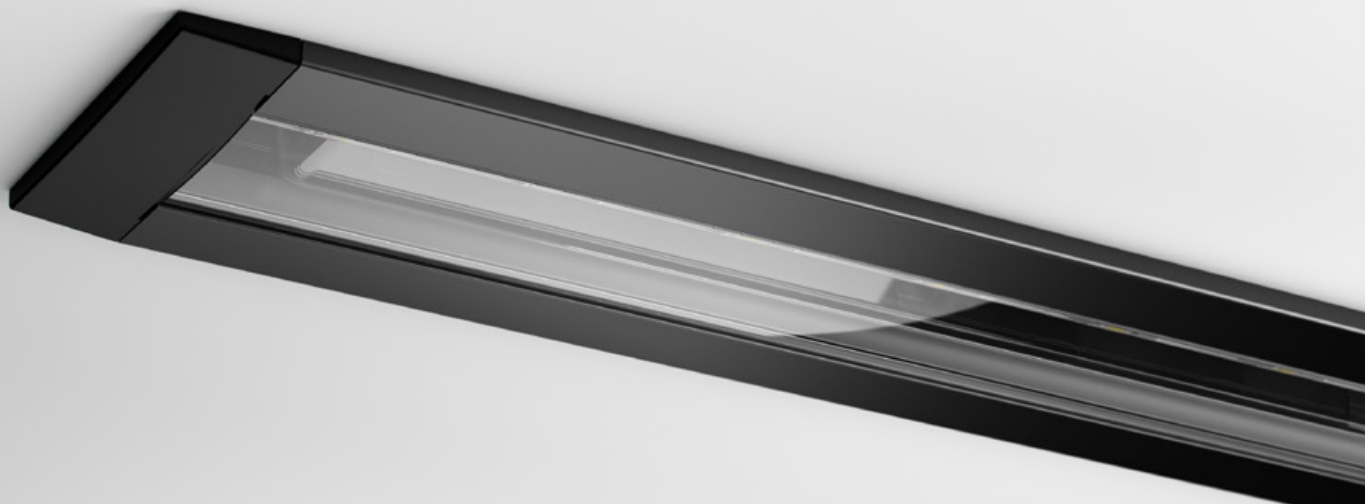


MIRA

LINEAR HIGH POWER PRJ-MIRA





Mira is a high-power recessed linear luminaire, ideal for applications where powerful illumination is required. Lighting can be fully customised with a broad range of optics and colour temperature options. The recessed design of Mira allows the luminaire face to align seamlessly with the mounting surface, the result is a sleek and elegant appearance that does not distract from the lighting effect.

POWER**60W**

60W / metre

LUMINOUS FLUX**SC** - 3,000 lm / metre**COLOUR TEMPERATURE**

2700K

3000K

3200K

4000K

ON-BOARD PWM DIMMING CONTROL

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



OPTICAL VARIATIONS

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



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.



VARIOUS CCT & COLOUR BINNING CONSISTENCY

All products are offered in various colour temperatures, and manufactured using tighter bins, ensuring excellent consistency and uniformity.



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.



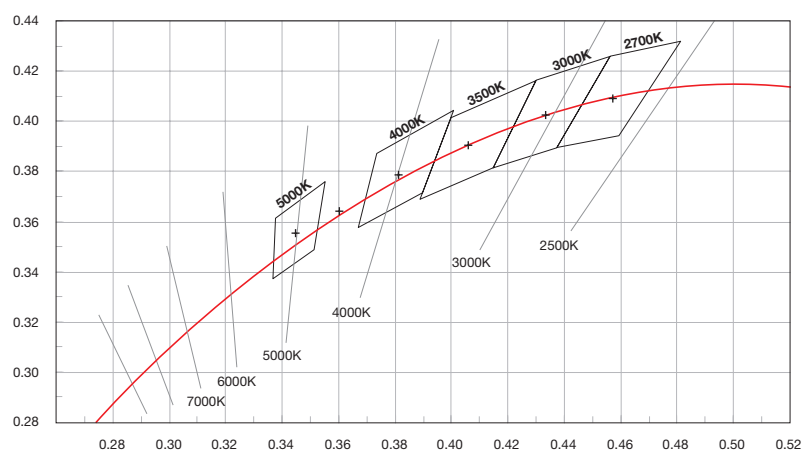
PROUDLY MADE IN AUSTRALIA

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

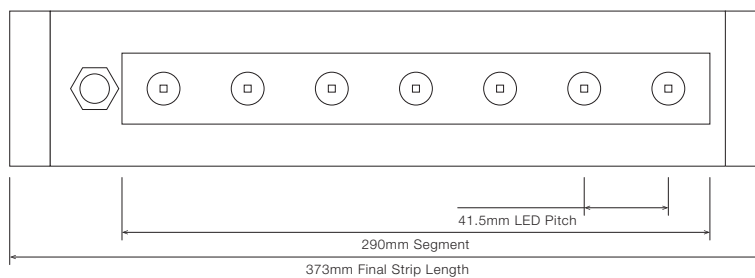
Product Code	PRJ-MIRA
Description	Mira Recessed Linear High Power Projector
Body	Aluminium Alloy Body
Finish	Powder Coated Black (Standard), Various Colours Available
Cover	Polycarbonate Clear for Indoor Applications
End Caps	Aluminium
LEDs Per Segment	7
Operating Voltage	24VDC
Typical Power Consumption per Segment	18W per 290mm Segment
Typical Power Consumption per Metre	60W per Metre
Typical Current	750mA 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-DALLOGIC or CTR-DALLOGIC-IP (sold separately)
Luminous Flux per (lm/M)	3,000lm/Metre
Ambient Operating Temp	Ta -10°C to 50°C
Thermal Management	Yes (Active)
Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, If = 65mA)	L70 (12K) > 99,800 hours L90 (12K) = 45,600 hours
	Mira max. operating values (@ Ts = 60°C, If = 730mA)
IP Rating	IP40 (Standard)

COLOUR TEMPERATURE

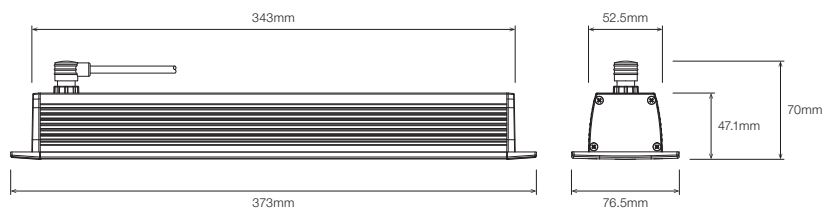


■ DIMENSIONS





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



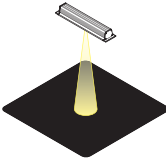
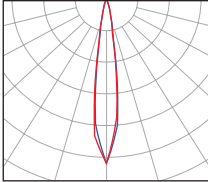
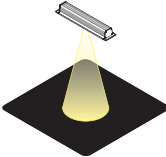
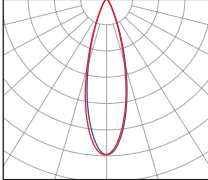
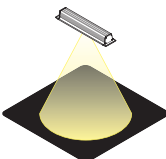
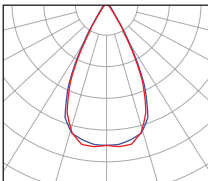
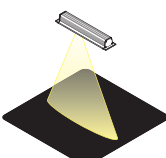
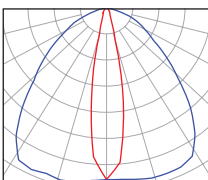
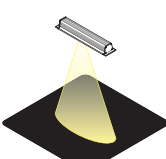
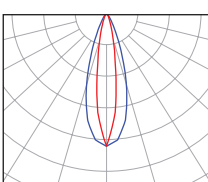
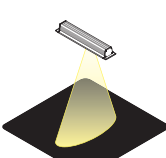
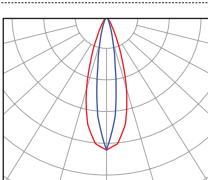
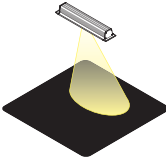
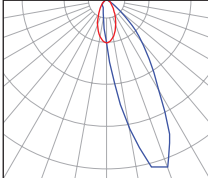
EXTRUSION DIMENSIONS



■ PRODUCT LENGTH

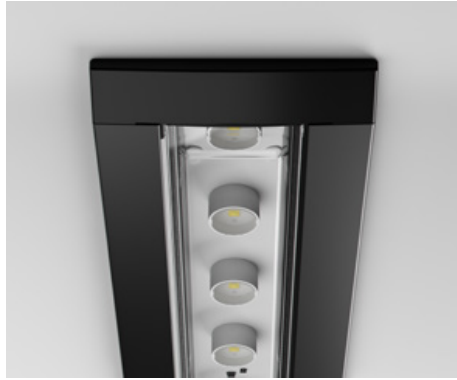
S1	373mm	
S2	666mm	
S3	959mm	
S4	1,252mm	

■ 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>		

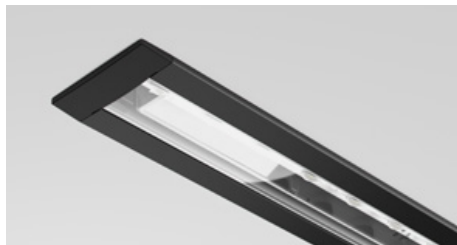
▪ DIFFUSER

SC · Standard Clear Cover

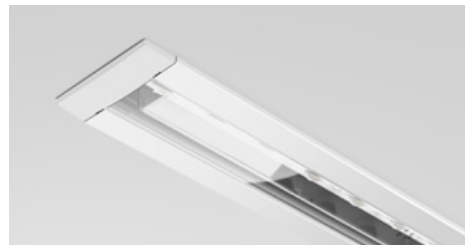


▪ PROFILE COLOUR

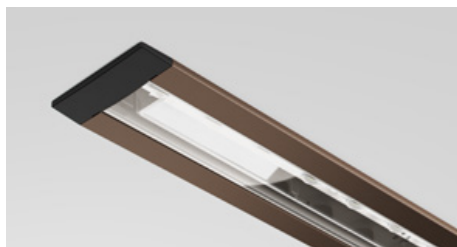
BLK · Black



WHT · White

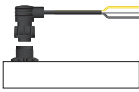

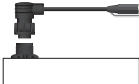



CST · Custom Colour ¹



¹ Custom colours available on request

WIRING CONFIGURATION

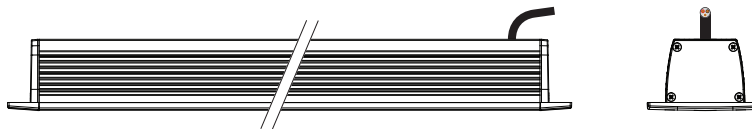
CONNECTOR TYPE	DRAWING	MALE	FEMALE
OC2.1MO Outdoor Connector 3pin Male Only			
SMPLC.1 Sample Type Connector 2.5mm			

- Typical wiring length 1,000 mm with cable's outer diameter 5mm.
- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.

WIRING COLOUR CODE	
Yellow	+ VDC
White	Dimming / Brightness Control
Black	GND

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

PRODUCT LENGTH PAGE 05

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

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 ¹

WIRING CONFIGURATION PAGE 08

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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¹ Custom colours available on request

■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
CONTROLLER		
	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
	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
POWER SUPPLY FOR OUTDOOR USE		
	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-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