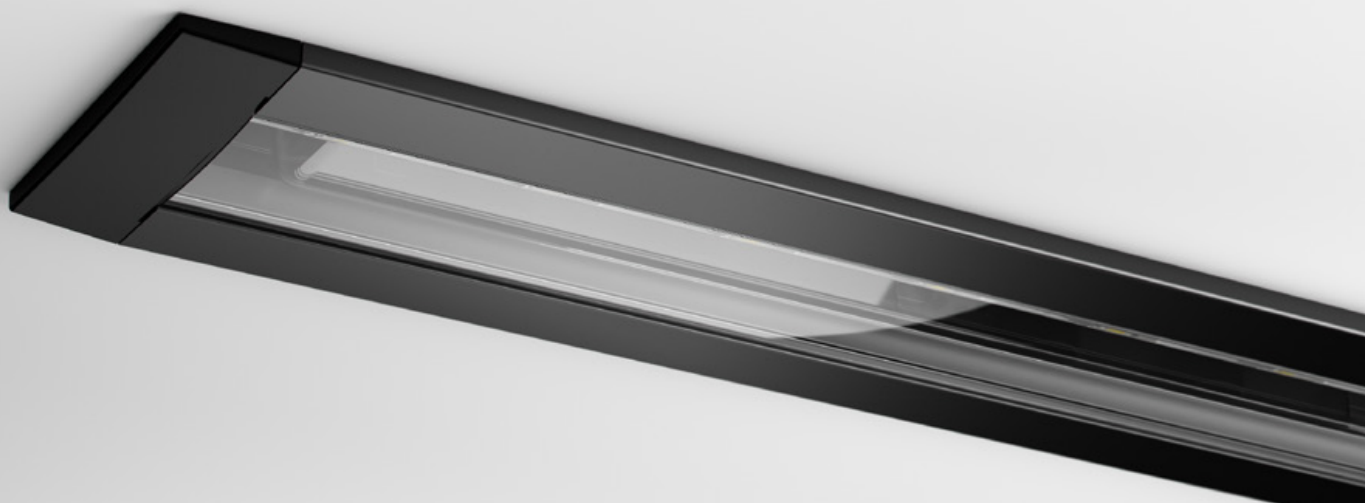




# MIRA IP

LINEAR HIGH POWER PRJ-MIRA IP





Mira IP is a high-power linear exterior 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****PC** - 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 IP.



## ELEGANT ENCAPSULATION

Mira IP utilises Coolon's encapsulation technology and signature build quality to deliver an outdoor luminaire that's uniquely resilient. IP66, IK08, shock and abrasion resistance and thermal protection just add to the appeal of this versatile all-star.



### 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.



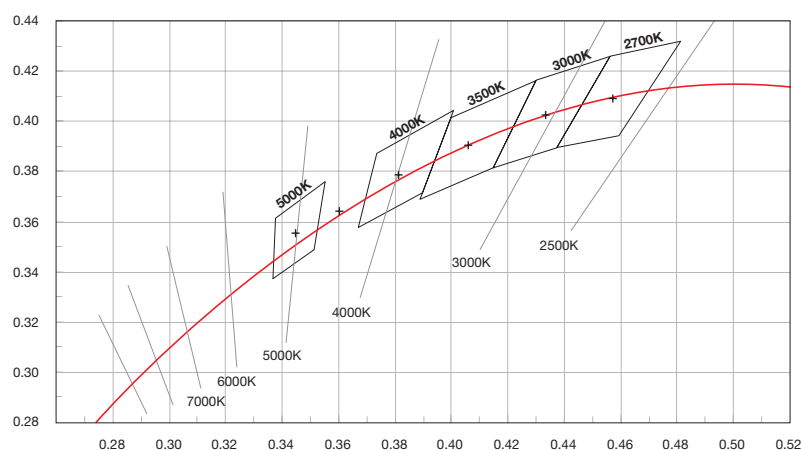
### PROUDLY MADE IN AUSTRALIA

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

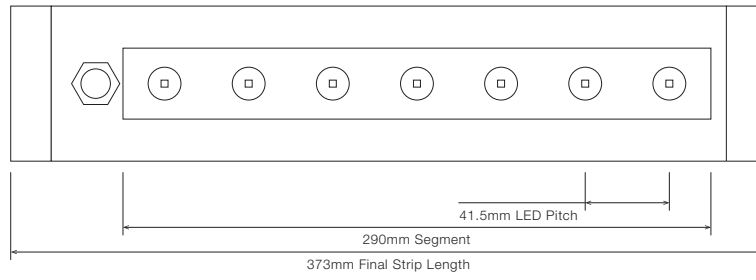
Product Code	PRJ-MIRA IP
Description	Mira IP Recessed Linear High Power Projector
Body	Aluminium Alloy Body
Finish	Powder Coated Black (Standard), Various Colours Available
Cover	Polyurethane Clear for Outdoor Applications
End Caps	Aluminium
LEDs Per Segment	7
Operating Voltage	24VDC
Typical Power Consumption 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-DALILOGIC or CTR-DALILOGIC-IP (sold separately)
Luminous Flux per (lm/M)	3,000lm/Metre
Ambient Operating Temp	Ta -40°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 IP max. operating values (@ Ts = 60°C, If = 730mA)
IP Rating	IP66 (Standard)
IK Rating	IK08 (Standard)

## COLOUR TEMPERATURE

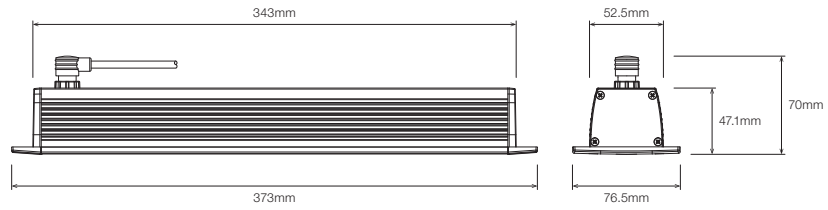


■ DIMENSIONS





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



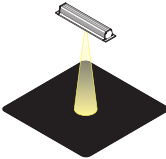
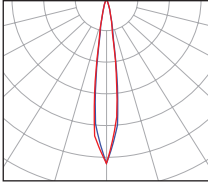
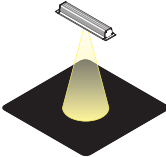
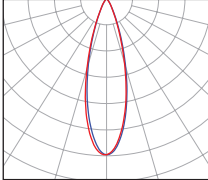
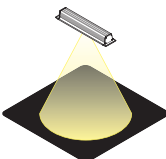
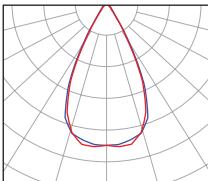
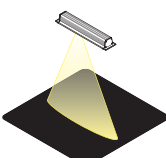
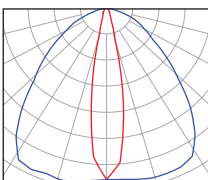
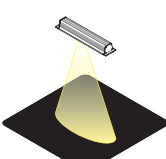
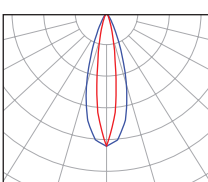
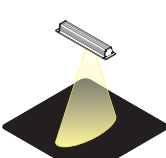
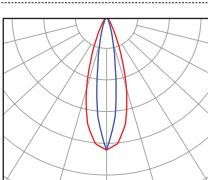
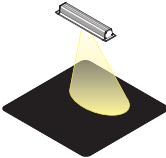
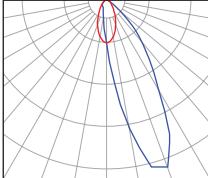
EXTRUSION DIMENSIONS



■ 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>		

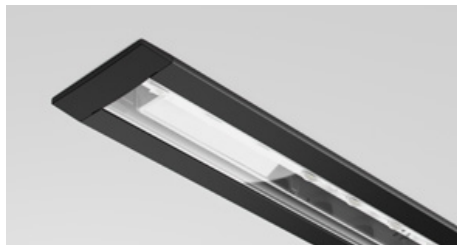
▪ DIFFUSER

PC · UV Stable Polycarbonate Clear

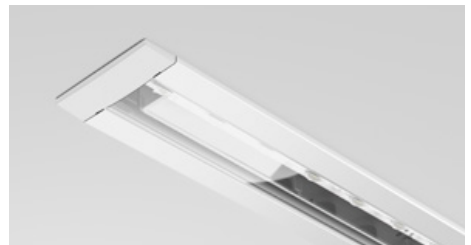


▪ PROFILE COLOUR

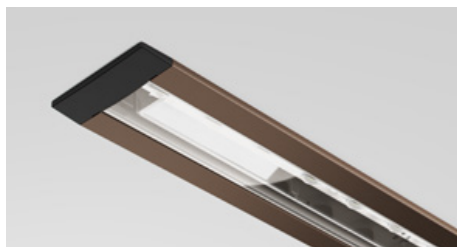
BLK · Black



WHT · White

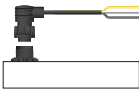

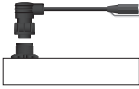



CST · Custom Colour <sup>1</sup>



<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 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.

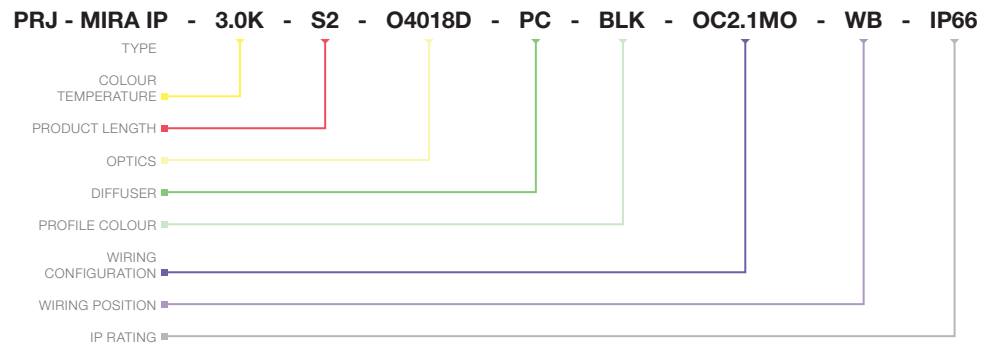
IP RATING

**IP66**

Fully protected against dust.  
Protected against wave-like water jets from all directions.



## 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

PC	Polyurethane Clear
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### PROFILE COLOUR PAGE 07

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

### 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

IP66	Outdoor Use
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<sup>1</sup> Custom colours available on request

## ■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
<b>CONTROLLER</b>		
	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
<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
<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