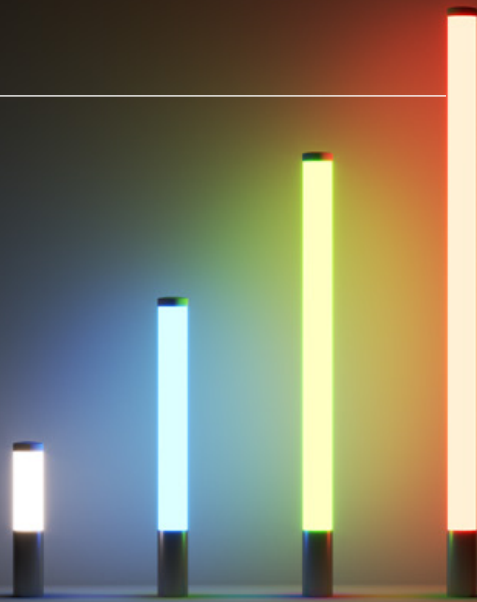




# LONSDALE RGBW

RGBW LED POLE PLE-LONSDALE RGBW





Lonsdale is an RGBW illuminated pole-top light column which allows individual addressing via DMX/RDM protocol for maximum customisation. Lonsdale is featured in award winning lighting projects and is able to transform public and architectural spaces with its vibrant and dynamic colours.

LENGTH (ILLUMINATED)	NOMINAL POWER CONSUMPTION	ACTUAL POWER CONSUMPTION
<b>05</b> 545mm	15W	15.700W
<b>10</b> 1,045mm	30W	30.090W
<b>15</b> 1,560mm	45W	44.920W
<b>20</b> 2,060mm	60W	59.328W

#### RGBW FULL COLOUR





## MATRIX WHITE

The Matrix White algorithm physically drives RGBW LEDs from an RGB control signal. It does this by calculating when to replace a combination of primary colours (red, green and blue) with a pure white light source. This feature presents users with the following advantages:

- Cost savings, as more luminaires can be controlled by each DMX universe (170 RGBW luminaires, versus 128 without Matrix White)
- Utilise dedicated white output instead of relying on additive RGB (dirty) white
- Reduced power consumption, as the LED chip is being utilised effectively
- Superior colour rendering and appearance



# RGBW COLOUR

Lonsdale RGBW is an RGBW pole-top light column luminaire that offers a range of dynamic colours enabling the user to create colourful sequences out of a 16.58 million colour range.



## 360° ILLUMINATION

Lonsdale RGBW provides uniform illumination in 360 degrees. A bold feature alone or arranged in combination, Lonsdale RGBW is a vibrant colourful beacon that adds presence to urban spaces such as streets, roads and public areas, marking these spaces with a prominent display of light.



### LONG USEFUL 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 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

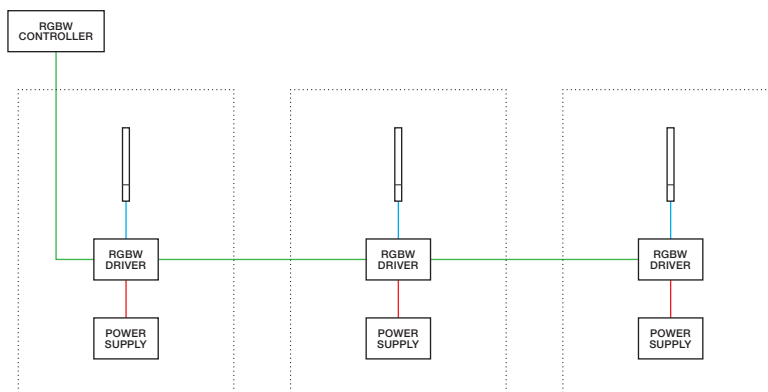
Part Number	PLE-LONSDALE- RGBW-05	PLE-LONSDALE- RGBW-10	PLE-LONSDALE- RGBW-15	PLE-LONSDALE- RGBW-20
Description	Lonsdale RGBW Pole-top LED			
Length (Illuminated)	545mm	1,045mm	1,560mm	2,060mm
Width	105mm	105mm	105mm	105mm
Operating Voltage	24V	24V	24V	24V
Nominal Power Consumption	15W	30W	45W	60W
Actual Power Consumption	15.7W	30.09W	44.92W	59.328W
Number of DMX Channels	3 (RGB), drivers are pre-programmed with Matrix White which take 3 control channels yet drive the pure white LED seamlessly			
Ambient Operating Temperature	Ta -10 to +40°C			
Avg Lumen Maint. @ Ta 25°C	70% @ 50,000 Hours			
IP Rating	IP65			

IP RATING

**IP65**

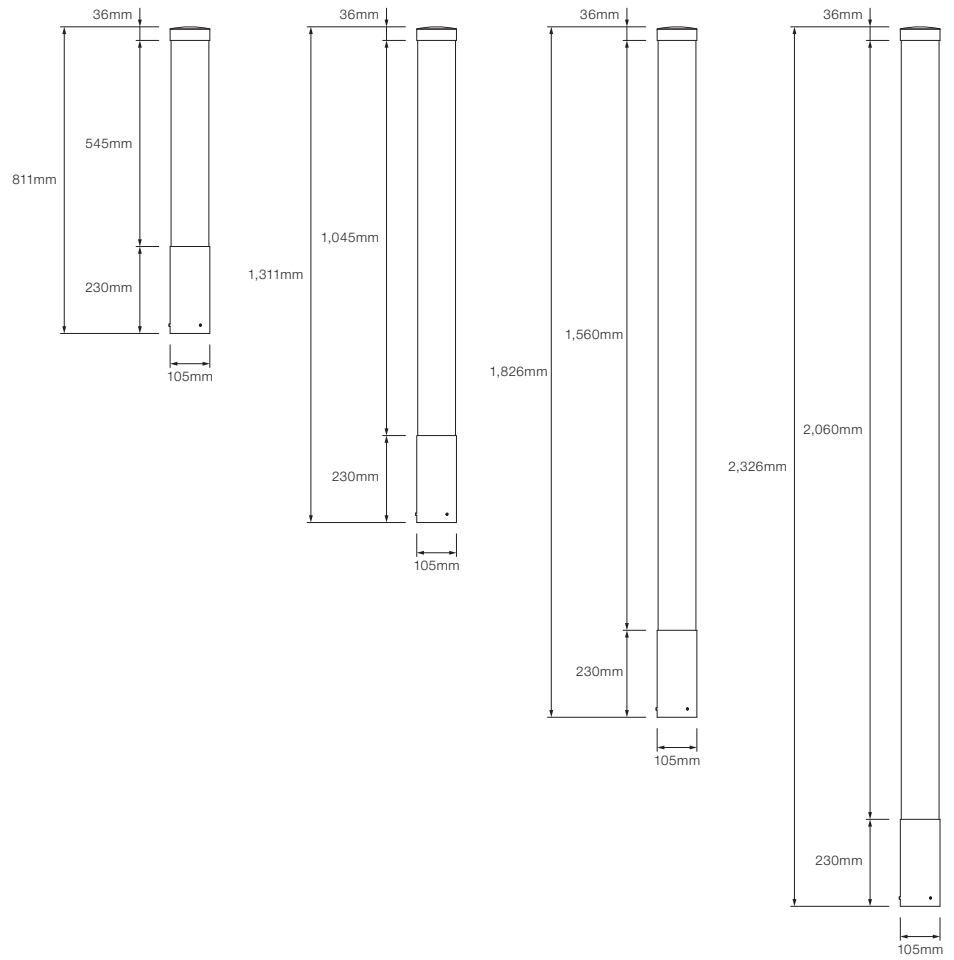
Fully protected against dust. Protected against water jets from all directions.

INSTALLATION OPTIONS



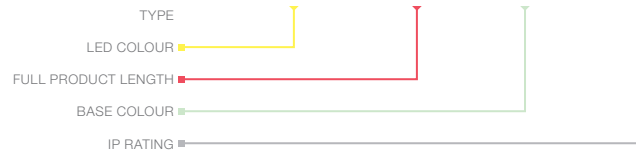
■ DIMENSIONS

PLE-LONSDALE-RGBW-05   PLE-LONSDALE-RGBW-10   PLE-LONSDALE-RGBW-15   PLE-LONSDALE-RGBW-20



## ORDERING EXAMPLE

### PLE - LONSDALE - RGBW - 10 - GRY - IP65



#### LED COLOUR PAGE 04

RGBW Red, Green, Blue, White Spectrum

#### FULL PRODUCT LENGTH PAGE 06

05 811mm

10 1,311mm

15 1,826mm

20 2,326mm

#### BASE COLOUR PAGE 07

GRY Grey (Standard)

BLK Black

WHT White

CST Custom Colour \*

#### IP RATING PAGE 08

IP65 Outdoor Use

\* Custom colours available on request.