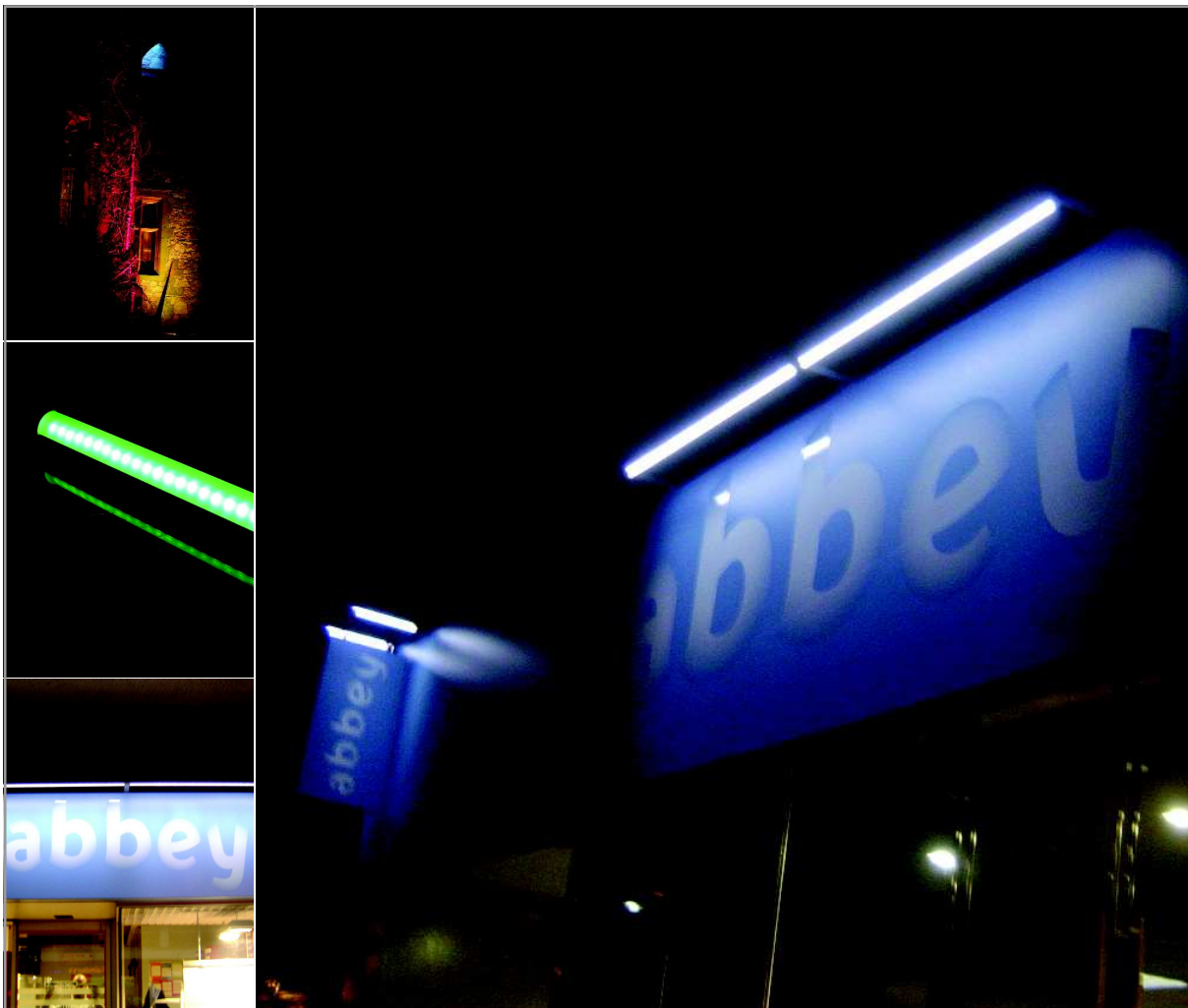


# Sealed Orion

## Outdoor Linear LED Light system

The Sealed Orion is a highly reliable, professional system utilising LED technology to provide a strip or wash of high intensity light that can be used in a variety of outdoor applications.

The Sealed Orion Linear Light System is manufactured utilising high intensity LEDs encased in a durable aluminium extrusion, fully encapsulated with clear potting compound and fitted with a frosted acrylic lens.



Sealed Orion

## Part Number Sequencing


### Single Colour Part Number Sequencing

PART NUMBER	COLOUR	TOTAL ILLUMINATED LENGTH (mm) (DIMENSION x)	TOTAL UNIT LENGTH (mm) (DIMENSION y)	TYPICAL POWER CONSUMPTION (Watts)	TYPICAL CURRENT (mA)	POWER SUPPLY	
<b>Single Colour Units</b>							
LSX 0339 WH 3000	Cool white	300	339	3.0	125	PSU***24V/1A DP	Yes
LSX 0639 WH 3000	Cool white	600	639	6.0	250	PSU***24V/1A DP	Yes
LSX 0939 WH 3000	Cool white	900	939	9.0	375	PSU***24V/1A DP	Yes
LSX 1239 WH 3000	Cool white	1200	1239	12.0	500	PSU***24V/1A DP	Yes
LSX 1539 WH 3000	Cool white	1500	1539	15.0	625	PSU***24V/1A DP	Yes
LSX 1839 WH 3000	Cool white	1800	1839	18.0	750	PSU***24V/1A DP	Yes
LSX 2139 WH 3000	Cool white	2100	2139	21.0	875	PSU***24V/1A DP	Yes
LSX 2439 WH 3000	Cool white	2400	2439	24.0	1000	PSU***24V/3A DP	Yes

Please note these units are also available in the following colours:

Red, Yellow, Green, Blue and Warm White. Please contact our sales department for further details.

### Colour Changing Part Number Sequencing

PART NUMBER	COLOUR	TOTAL ILLUMINATED LENGTH (mm) (DIMENSION x)	TOTAL UNIT LENGTH (mm) (DIMENSION y)	TYPICAL POWER CONSUMPTION (Watts)	TYPICAL CURRENT (mA)	POWER SUPPLY	
<b>Colour Changing Units</b>							
LSX 0439 CC 3000	Colour Changing	400	439	6.7	280	PSU***24V/1A JP	Yes
LSX 0639 CC 3000	Colour Changing	600	639	10.1	420	PSU***24V/1A JP	Yes
LSX 0839 CC 3000	Colour Changing	800	839	13.4	560	PSU***24V/1A JP	Yes
LSX 1039 CC 3000	Colour Changing	1000	1039	16.8	700	PSU***24V/1A JP	Yes
LSX 1239 CC 3000	Colour Changing	1200	1239	20.2	840	PSU***24V/1A JP	Yes
LSX 1439 CC 3000	Colour Changing	1400	1439	23.5	980	PSU***24V/1A JP	Yes
LSX 1639 CC 3000	Colour Changing	1600	1639	26.9	1120	PSU***24V/3A JP	Yes
LSX 1839 CC 3000	Colour Changing	1800	1839	30.2	1260	PSU***24V/3A JP	Yes
LSX 2039 CC 3000	Colour Changing	2000	2039	33.6	1400	PSU***24V/3A JP	Yes

- When ordering please replace \*\*\* in the power supply code with the correct connection for your geographical location.  
GBR = for use in Great Britain USA = for use in North America EUR = for use in Europe
- Colour Changing Orion units will require a Colour Changing Control Unit (Part No. CCBOXHDIP) to provide a 30 second colour roll, together with a relevant power supply.

# Sealed Orion

# Technical Specifications



Ta = 25 °C  
 Supply Voltage: 24Vdc.  
 Typical Current: As Specified.  
 Ambient Light conditions: Zero to Daylight.  
 LED Spacing: 10mm for Single Colour  
 6.6mm for Colour Changing  
 Storage Temperature: -20°C to + 50 °C.  
 Operating Temperature: -20°C to + 50 °C.

## MATERIALS

Extruded Housing: Aluminium.  
 Optical Lens: Acrylic D6 frosted grade.  
 LED Lens: Diffused Epoxy.  
 End Caps: Aluminium.  
 Potting: PC5836 - polyurethane  
 Finish: All aluminium natural anodised to AA25.

Stand alone single colour units will require a power supply as recommended in the product data overleaf. Multiple units can be interlinked, please contact our sales department for further details.

Colour Changing Orion units will require a Colour Changing Control Unit to provide a 30 second colour roll, together with a relevant power supply.

These units may also be driven by more sophisticated controllers incorporating DMX protocol for integration with existing lighting systems.

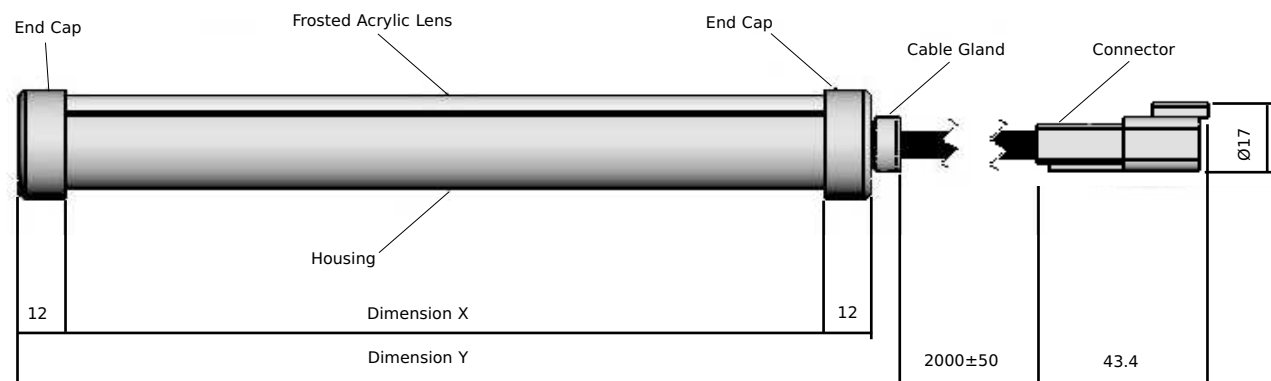
- Contact Sales for more details.

## Features & Benefits

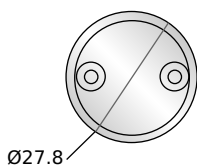
- Waterproof to IP57. Up to 1m immersion for ½hour
- RoHS Compliant
- Virtually maintenance free
- Ultra low power consumption
- Impact resistant
- Ease of Installation
- Unlimited colour options utilising RGB technology

## Applications

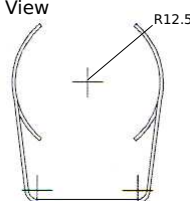
- Outdoor lighting
- Feature lighting
- Emergency lighting
- Retail display lighting
- Covers
- Exhibition and display applications
- Signage



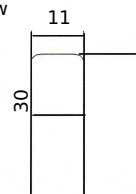
Side View End Cap



Cushion Clip Front View



Cushion Clip Side View



All measurements are in mm

## How to Order:

website: [www.marl.co.uk](http://www.marl.co.uk) • email: [sales@marl.co.uk](mailto:sales@marl.co.uk) • webstore: [www.leds.co.uk](http://www.leds.co.uk)  
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