

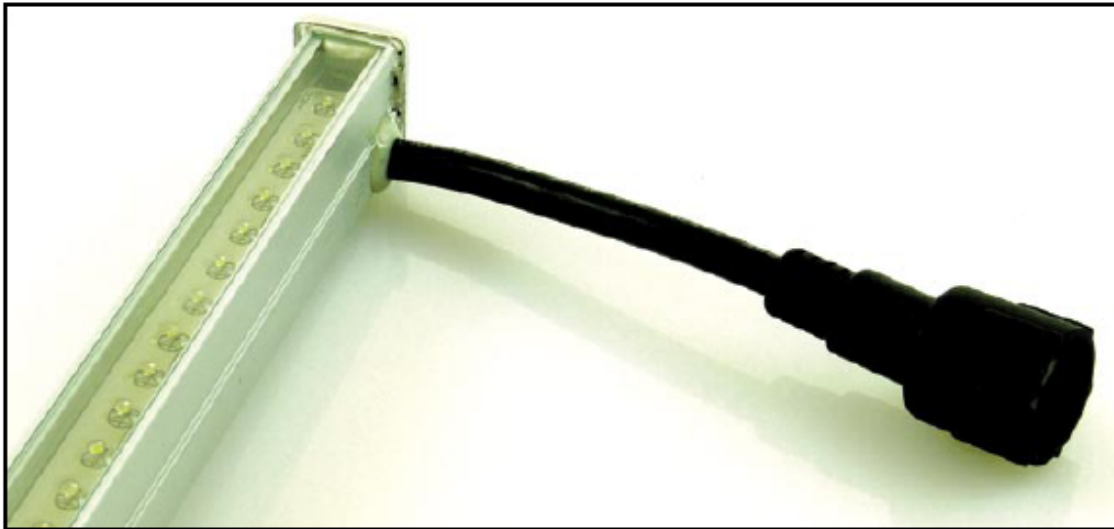


LED Linears
LED Neon Flex



P O Box 45
TORRENS PARK SA 5062
Ph: +61 8 8276 3533
Fax: +61 8 8277 3405
E: enquiries@austeknis.com
W: www.austeknis.com

Austeknis Linears



Austeknis linears are a low profile light fixture ideal for back lighting glass or acrylic, shelf lighting, wall washing and cove lighting. The slim design allows them to be installed in a variety of applications. They are available in an array of single colour units and RGB (full colour changeable).

Basic Specifications

| | |
|--------------------------|--|
| Available colours | Cool white, Warm white, Blue, Red, Green, Amber and RGB (Full colour changeable) |
| Light Source | LED's |
| Lens | Clear and Frosted |
| Connections | Thread lock, splash resistant 2 (Single colour) & 4 (RGB) pin connectors |
| Mounting | Screw mounted clip on brackets |



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| | |
|------------------|---------------------------|
| Housing | Aluminium |
| Height | 24mm |
| Width | 18mm |
| Length | 300mm*, 500mm* and 1000mm |
| IP Rating | IP65 |

Environmental

| | |
|------------------------------|--------------------|
| Application | Indoor and Outdoor |
| Operating Temperature | -25 to 65C |

Control Options

| | |
|--------------------------|---|
| Single Colour | Basic power on/off, timer and photo electric control |
| RGB (Full colour) | Austeknis offers a preprogrammed 33 function RGB controller with the option of adding a DMX controller (programming required) |

Electrical

| | |
|---------------------------|--------|
| Power Requirements | 24V DC |
|---------------------------|--------|

Power Consumption

| Length | 300mm | 500mm | 1000mm |
|---------------|--------------|--------------|---------------|
| Single Colour | 1.8W | 4W | 7W |
| RGB | 5.2W | 7.8W | 15.6W |

| | |
|----------------------|--------------------------|
| Life of LED's | 50,000 to 80,000 hours** |
|----------------------|--------------------------|

*Warm white, Cool white and RGB. Please contact us for minimum order quantities for other colours in this dimension.

**As with all light sources a depreciation in brightness can be expected over the course of the estimated life span.

Lens Options



Frosted Lens



Clear Lens



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Technical Specifications

Power Supply Loads

| | 24V DC 10A | | 24V DC 15A | | 24V DC 20A | |
|-----------------------------|------------|----------|------------|----------|------------|----------|
| Single Colour Linear | X | Y | X | Y | X | Y |
| 300mm | 40 | 3 | 40 | 4 | 40 | 6 |
| 500mm | 18 | 3 | 18 | 4 | 18 | 6 |
| 1000mm | 10 | 3 | 10 | 4 | 10 | 6 |

| | 24V DC 10A | | 24V DC 15A | | 24V DC 20A | |
|-------------------|------------|----------|------------|----------|------------|----------|
| RGB Linear | X | Y | X | Y | X | Y |
| 300mm | 12 | 3 | 12 | 4 | 12 | 6 |
| 500mm | 8 | 3 | 8 | 4 | 8 | 6 |
| 1000mm | 4 | 3 | 4 | 4 | 4 | 6 |

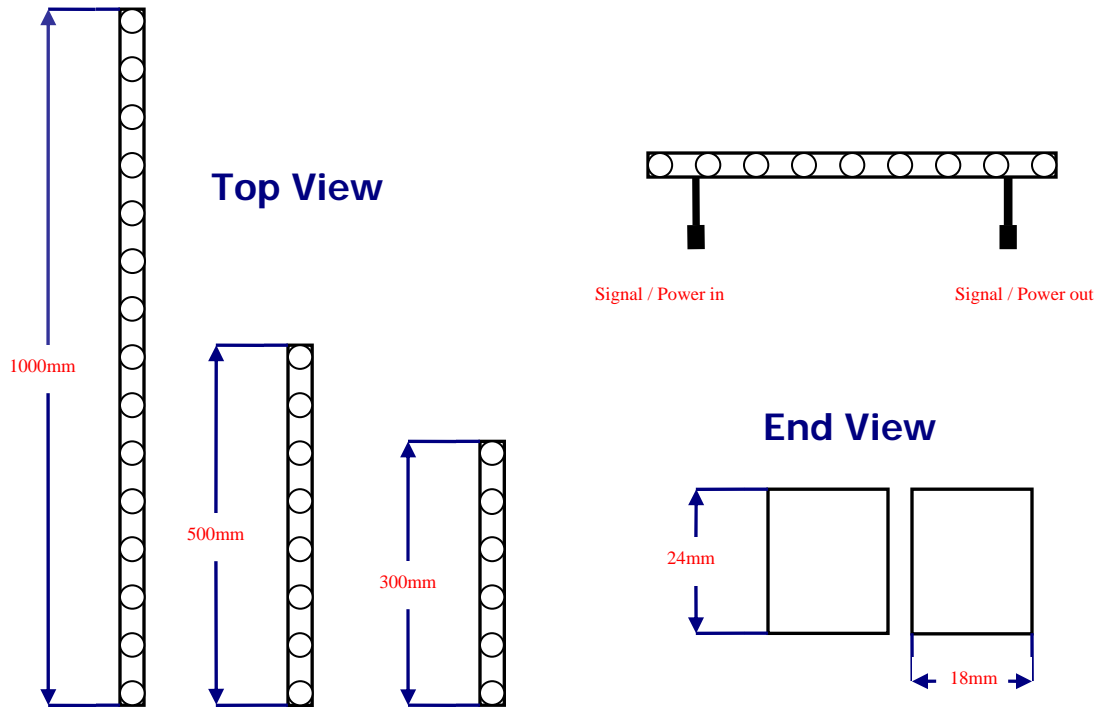
X = Number of linears in a single run.

Y = Number of runs per power supply.

Illuminance Perpendicular To The Linear (LUX)

| Colour | 1M | 2M | 3M | 5M |
|---------------|-----------|-----------|-----------|-----------|
| Cool White | 87 | 21.8 | 9.7 | 3.5 |
| Warm White | 50 | 12.5 | 5.6 | 2 |
| Blue | 23.9 | 6 | 2.7 | 1 |

Dimensions



Connections and Mounting



Twist Lock Connectors, 2 Pin Power
Single Colour



Twist Lock Connectors, 4 Pin Power and Signal
RGB Linears

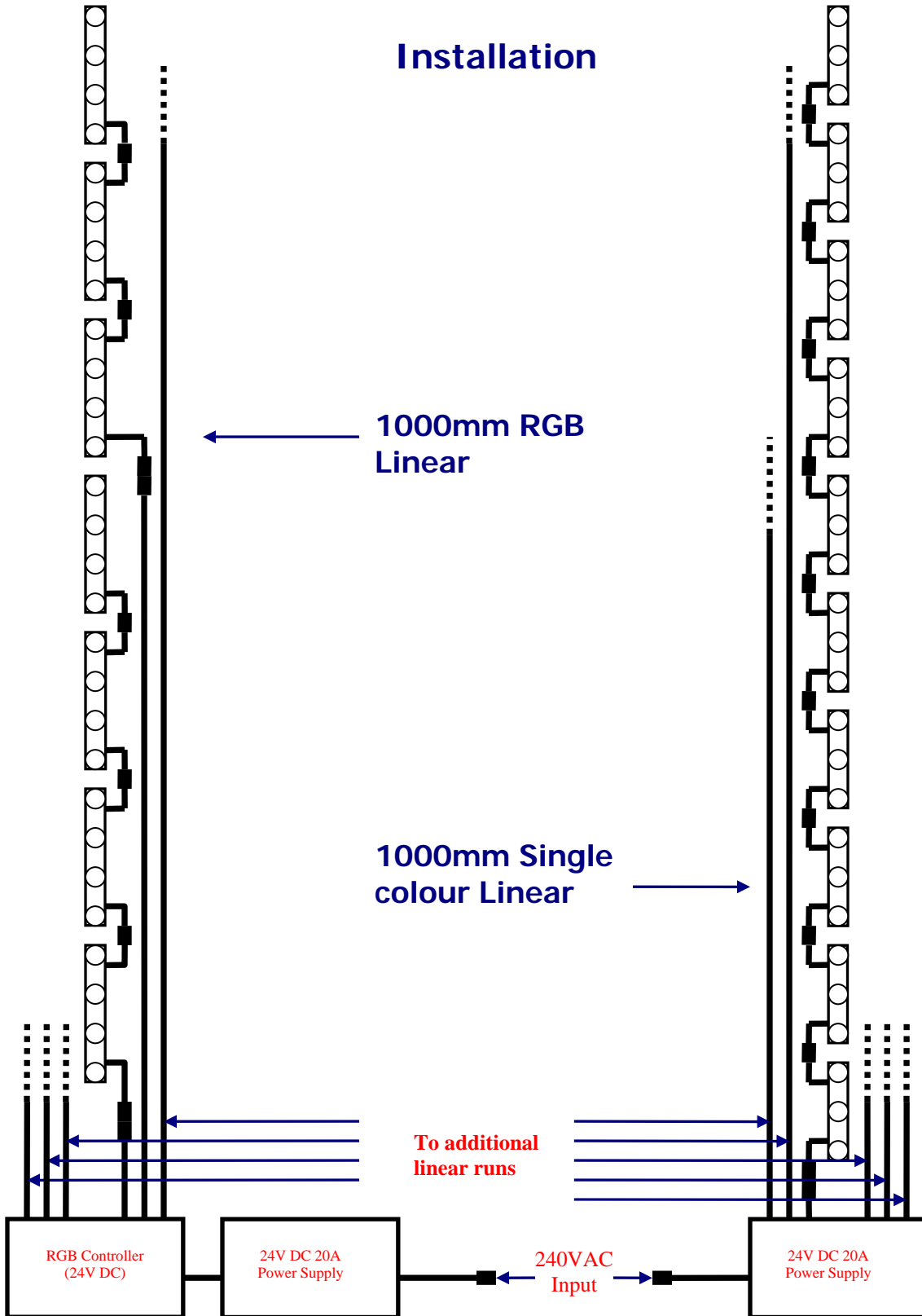


Easy to install mounting clips



Connection tail, connects from power supply /
RGB controller to linear

Installation



LED Neon Flex



Austeknis offers a low profile flexible light fixture which is a great alternative to traditional neon lighting. LED Neon Flex can be used in a variety of applications including wall washing, building decoration, signage and cove lighting. LED Neon Flex is a low voltage alternative to which can replace a number of traditional lighting methods.

Basic Specifications

Available colours

Cool white, Warm white, Blue, Red, Green, Orange, Yellow and RGB (Full colour changeable)

Light Source

LED's

Outer Shell

Opaque or Coloured UV-stable PVC

Connections

Splash resistant 2 pin (Single colour) & 4 pin (RGB) connectors



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| | |
|------------------------------|--|
| Mounting | Aluminium channel |
| Height | 27mm (Single Colour) 28mm (RGB) |
| Width | 13mm (Single Colour) 20mm (RGB) |
| Cutting Length | 240V , Red, Yellow, Orange. 1220mm 240V , Green, Blue, White, RGB. 914mm 24V , Red, Yellow, Orange. 101mm 24V , Green, Blue, White, RGB. 76mm |
| IP Rating | IP44 |
| Environmental | |
| Application | Indoor and Outdoor |
| Operating Temperature | -20C to 60C |
| Control Options | |
| Single Colour | Basic power on/off, timer and photo electric control |
| RGB (Full colour) | Austeknis offers a pre-programmed 33 function RGB controller with the option of adding a DMX controller (programming required) |
| Electrical | |
| Power Requirements | 240V AC and 24V DC |
| Life of LED's | 80,000 to 100,000 hours** |

**As with all light sources a depreciation in brightness can be expected over the course of the anticipated life span.



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Efficacy

| Colour | Red | Green | Blue | Yellow | White | Orange |
|----------------------|------|-------|------|--------|-------|--------|
| Lumens / Watt | 3.34 | 2.23 | 1.72 | 2.88 | 4.31 | 3.03 |
| Power(240V)Watts/ M | 3.9 | 5.3 | 5.3 | 3.9 | 5.3 | 3.9 |
| Power (24V) Watts/ M | 4.2 | 6.2 | 6.2 | 4.8 | 6.2 | 4.8 |

