

ABOUT US

ABSTRACT

ABSTRACT™ AVR™

AVR
LIGHTING

WHO WE ARE

We are Abstract AVR and we specialise in the manufacture of colour changing and tune-able White LED lighting systems for architectural applications, right here in the UK.

With a history of over 25 years of manufacturing excellence, Abstract AVR are renowned worldwide for quality, versatility and pioneering revolutionary lighting technologies.

Abstract was born out of a passion for music, manufacturing innovative products for the DJ & Discotech market, a decade later and AVR was born, taking Abstract's ingenuity to the architectural market.

Officially we are Abstract AVR, but you can call us Abstract for short.

MORE ABOUT US

True British Manufacturing:

In every sense of the term, we are British manufacturers, which means that our products are designed, engineered, tried and tested right here in our Leicestershire based manufacturing facility, from 3D printing - to metalwork fabrication - to printed circuit board population, and much, much more!

Not just 'off the shelf':

80% of what we do is lovingly built to order, with 30% of our business being bespoke project based and 15% of our business being OEM manufacture, which is what makes us the manufacturer manufacturers turn to.

sales@abstractavr.com
www.avrlighting.com

T: +44 (0)116 278 8078
Open Mon - Fri 8am - 5pm

FACILITIES



Concept

Everything starts with an idea and our experienced team have all of the facilities, tools and knowhow to turn your idea into reality.

CAD & 3D Print

Our R&D team are able to CAD design and 3D print your ideas to make sure that they are just right before moving onto production.

Assembly

Our fully trained production staff have an eye for perfection and take pride in assembling your lights with care and precision.

Quality Control

Everything is thoroughly tested, checked over, cleaned and approved before leaving the factory.



PCB Population

Our engineers who specialise in printed circuit boards are able to design custom PCBs and populate the boards using our advanced pick & place robots.

Powder Coating

Not your colour? With our in-house powder coating facilities, we can make any colour your new black.

Fabrication

Our metalwork and injection moulding facilities allow us to make up just about anything you could need from a custom bracket to a completely bespoke lamp.

Software

Our software engineers are able to write programs so that you can have your lighting system working just the way that you want it to.

Support

We want nothing more than for you to be ecstatic with our lighting systems, which is why we make sure technical support is always at hand.



BESPOKE PROJECTS



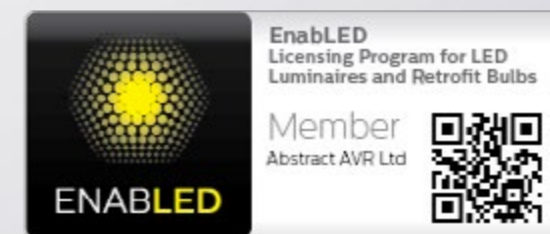
With a passion for delivering lighting excellence and a daring attitude to go where others daren't, Abstract are behind some of the most prestigious bespoke lighting projects in the world.

Our unique manufacturing capabilities and unrivalled experience in this field makes Abstract the manufacturer of choice, time and time again for anything out of the ordinary.

PRODUCT OVERVIEW



Designed, engineered, tried and tested right here in our Leicestershire based manufacturing facility, from 3D printing - to metalwork fabrication - to printed circuit board population!



Abstract AVR are official EnabledLED licensees, operating compliantly and responsibly under Philips' EnabledLED Licensing Program for LED Luminaires and Retrofit Bulbs.

LED DOWNLIGHTS

Professional architectural downlights, for when quality and reliability is a must.
Beautifully designed with both performance and longevity in mind, this is a
downlight range which brings both excitement and peace of mind.



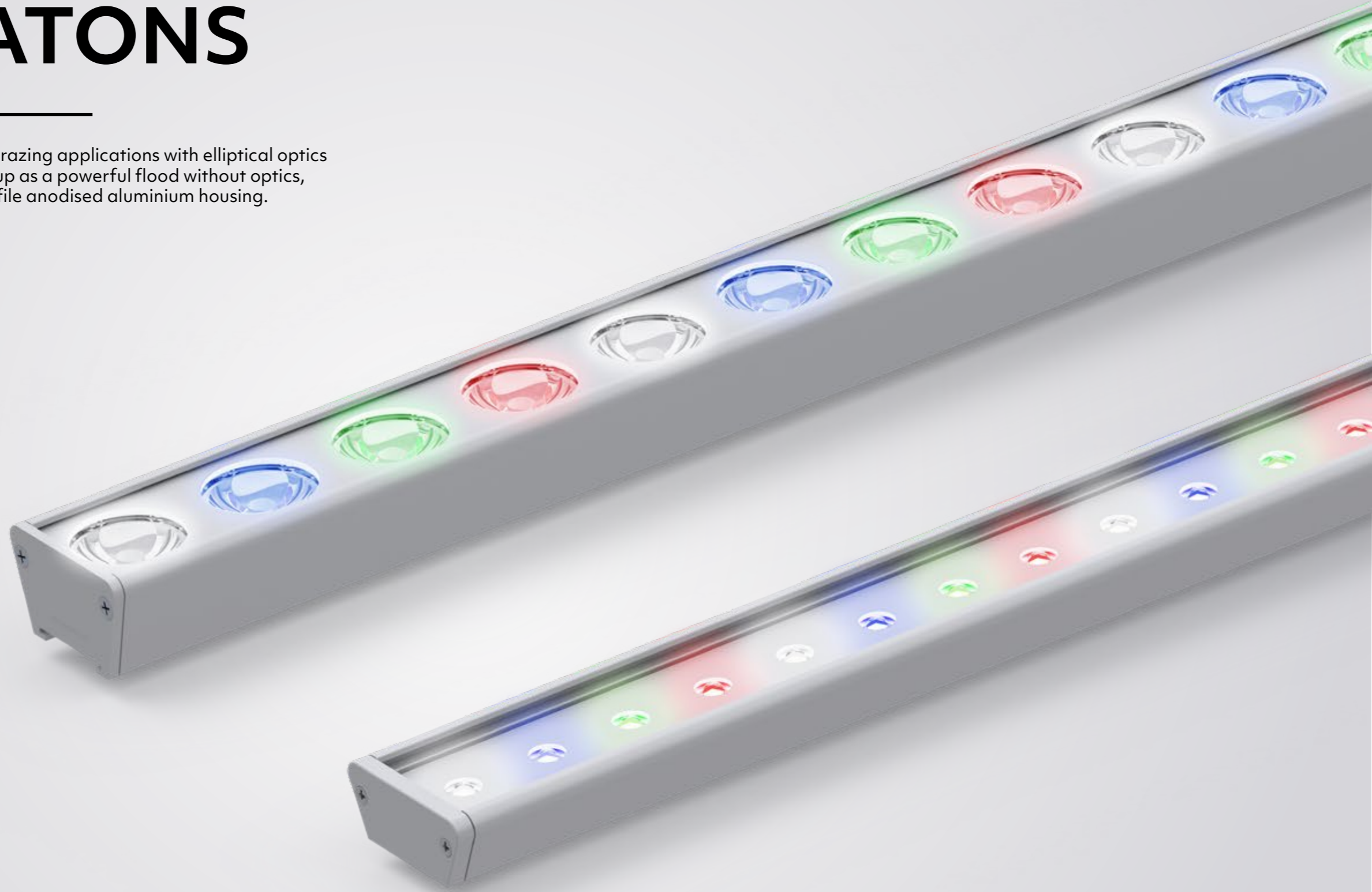
LED INGROUNDS

Ingress-protected inground fixtures, ranging from recessed marker lights to impressive up lights, the inground range has the tool to take on those projects where a recessed solution is required.



LED BATONS

High power linear light perfect for wall grazing applications with elliptical optics and high power LEDs, which doubles up as a powerful flood without optics, beautifully designed in a low profile anodised aluminium housing.



LED WASH LIGHTS

Illuminate the Skyline with our range of external grade wash lights, giving lighting professionals the tools to add colour to a wide range of applications.



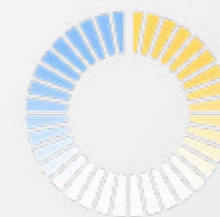


DMX DRIVERS



RGBW COLOUR

Colour like no other. With pioneering power balance technology, combined with all new 16bit technology and tuneable white control, our new driver is capable of producing an incomprehensible and unrivalled range of colours.



TUNEABLE WHITE

Begin with RGBW-3000k LED and adjust colour temperature from 2300-7000k directly from the driver. This can be set as your desired White in 4 channel mode, or set driver to 5ch mode for R,G,B, Tuneable White control via DMX



SMOOTH DIMMING

Experience super smooth dimming with 65,000 dimming steps from 0-100% in 16bit mode, or simulate the same dimming performance in 8bit fade mode without the need for a 16bit controller. (Standard 8bit mode available too)



POWER BALANCE MODE

Our unique power balancing technology ensures that all colours are driven equally for even output across primary, secondary and tertiary colours. Resulting in lower energy consumption, with up to 300% more linear meters driven per watt, and increased longevity.



Central Square

LED Pixel
Sculpture

16,000 PIXELS

LED PIXEL CONTROL

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CONTACTS

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