

PHOS
ENGINEERING LIGHT



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ENGINEERING LIGHT

Phos is an award-winning architectural lighting manufacturer that specializes in creating high-quality, customisable light fittings that boast the highest aperture to light output ratio in the industry. Based in Hertfordshire, England, the company has been family owned since 1883 and has a history of excellence in British engineering where it continues to manufacture in the UK to this day.

We believe that there can be no compromises when it comes to aesthetics, functionality, sustainability and quality and are proud to offer industry-leading light quality, unrivalled finishing options and a full biophilic business structure.

With a comprehensive range of products and solutions that cater to residential, commercial and hospitality, Phos is available in over 40 countries across five continents and our products are used in some of the most prestigious projects in the world.



ENGINEERING HERITAGE

1883

Richard Cadisch starts R.Cadisch & Sons.

Motor parts and first lights sold in London.

1930s

In World War 2, manufactured parts for the Spitfire and Gypsy Moth aeroplanes.



1960s

Wire mesh side of the business takes off.

Architectural Mesh & LED company founded, combining 138 years of engineering and finishing.

2000s



1900s



1950s

Awarded two royal warrants supplying motor parts to the Royal Family.



1970s

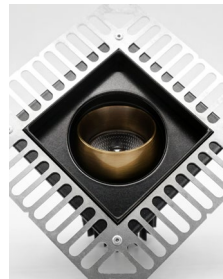
Key supplier to the Rolls Royce aeronautical division.



TODAY

Five generations later, four awards, three shortlists and a special mention at Women in lighting Awards for "Best non-profit initiative" for their research and development of the business "Light Tribe." A passion that goes beyond just selling lights.

WHY PHOS?



HIGHLY
MODULAR



ENGINEERING
HERITAGE



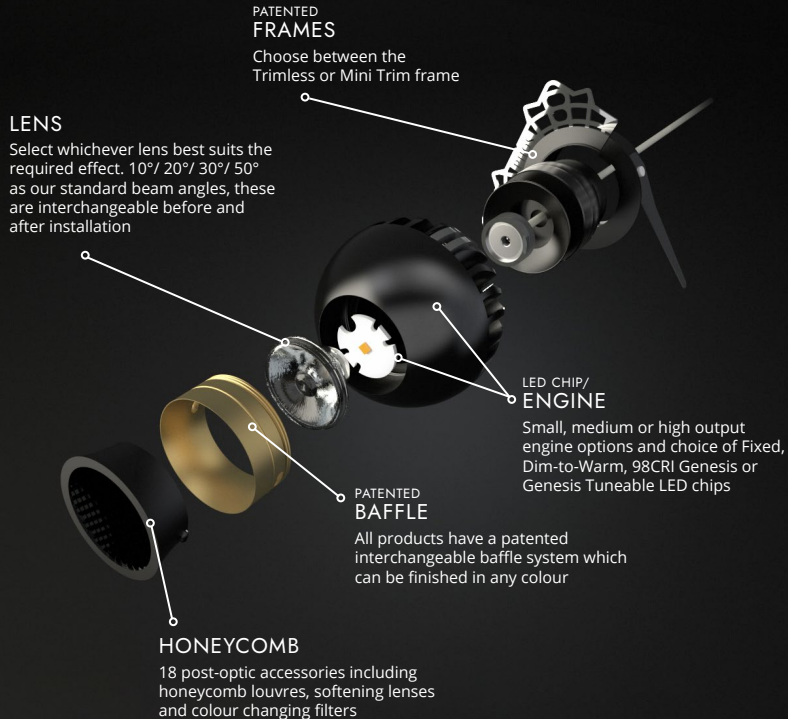
FLAWLESS
FINISHES



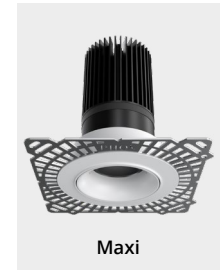
SUSTAINABLE &
UK MANUFACTURE



BIOPHILIC
DESIGN



HIGHLY MODULAR

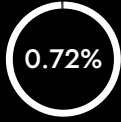


Phos luminaires are highly modular and can be fine-tuned both before and after installation.

Boasting the highest aperture to light output ratio in the industry and with easily interchangeable baffles, beam angles and post-optic accessories as well as 360° of rotation and 28° of tilt to harmonise your space.

Available in an endless range of finishing options.

1. LUMEN OUTPUT
2. LED CHIP/ENGINE
3. MOUNTING OPTION
4. BEAM ANGLE/OPTIC
5. ACCESSORIES
6. FINISHES



Life-time
guarantee failures



Out the box
failures



Returns
repaired



1.61%
Air Shipping



6.06%
Sea Shipping



92.33%
Road Shipping

SUSTAINABLE UK MANUFACTURE

Our engineering heritage has enabled us to hone our technical expertise, forward-thinking creativity and design and is supported using a local community of suppliers of services and components in the UK, thus reducing our carbon footprint and embracing the circular economy.

Our modern world must adapt to an economy whereby we can repair and reuse products rather than replace them. Phos does this and saves energy and resources in the process.





PLATED



Antique Bronze
01



Antique Brass
02



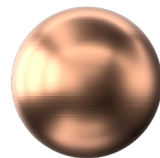
Polished Chrome
03



Satin Nickel
04



Polished Copper
05



Satin Copper
06



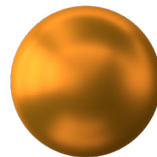
Polished Brass
09



ANODISED



Tuba Brass
11



Antique Gold
12



Espresso Bronze
13



Cocoa Bronze
14



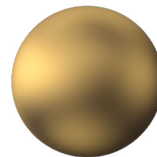
Ice Gold
15



Mocha Bronze
16



Taupe Bronze
17



24K Gold
18



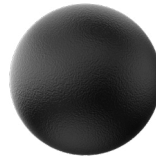
Champagne Gold
19



Anodised Black
B1



POWDER COATED



Textured Black
BT



Pure White
W1



Textured White
WT



RAL (Classic)



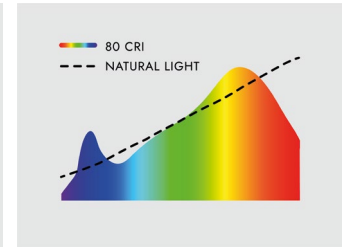
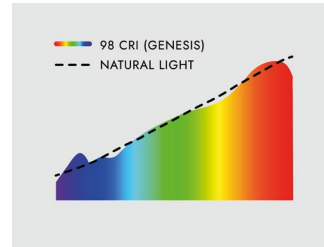
RAL (Design)



BIOPHILIC DESIGN

Humans have an innate and genetically determined affinity with the natural world. As the world continues to urbanize the natural tranquillity of biophilic design has become ever more important to us.

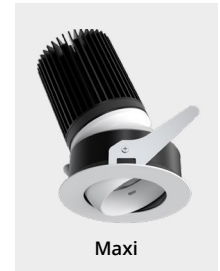
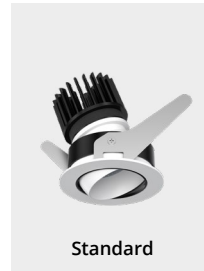
Our biophilically designed products are supported by the local community offering naturally occurring shapes, colours and textures, full-spectrum light and respect for the planet.



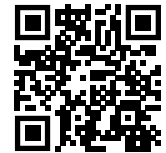


EYECONIC RANGE

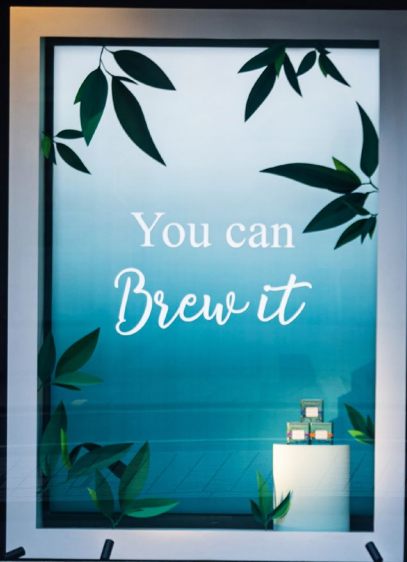
DOWNLIGHT



Fixed, Dim-to-Warm, 98CRI or Tuneable White colour temperatures and IP65 and Fire-Rated to 65 mins as standard. With a multitude of different frame/mounting options, there's a style for any occasion. 360° rotation and 28° tilt, easily interchangeable baffles, optics and accessories (honeycomb louvres, softening lenses, colour filters etc). Customisable both before and after installation.



[Learn More](#)



OCCULAR RANGE

SPOTLIGHT



Nano



Standard



Maxi

Fixed, Dim-to-Warm, 98CRI or Tuneable White colour temperatures and IP54 as standard. Available in a multitude of different frame/ mounting options. A style for any occasion. 360° rotation and 90° tilt, easily interchangeable baffles, optics and accessories (honeycomb louvres, softening lenses, colour filters etc). Customisable both before and after installation.

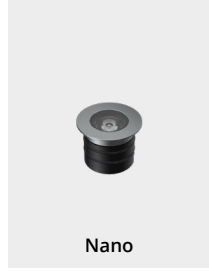


[Learn More](#)

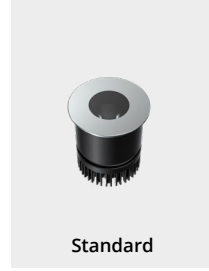


PANO RANGE

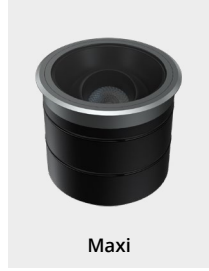
UPLIGHT



Nano



Standard



Maxi

Fixed, Dim-to-Warm, 98CRI or Tuneable White colour temperatures. 318 Marine-Grade Stainless Steel as standard and tested to IP67. Available in a multitude of different frame/mounting options. A style for any occasion. Easily interchangeable baffles, optics and accessories (honeycomb louvres, softening lenses, colour filters etc). Customisable both before and after installation.



[Learn More](#)



ECLIPSE RANGE

DOWNLIGHT



Nano



Standard



Maxi

Available in Fixed, Dim-to-Warm, 98CRI or Tuneable White colour temperatures, the Eclipse range is designed to hide the bezel when tilted, ensuring a clean ceiling with minimal glare. IP65 and Fire-rated to 65 mins as standard and available in a multitude of different frame/mounting options. 360° rotation and 28° tilt, easily interchangeable baffles, optics and accessories (honeycomb louvres, softening lenses, colour filters etc). Customisable both before and after installation.



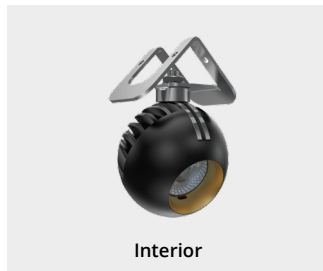
[Learn More](#)



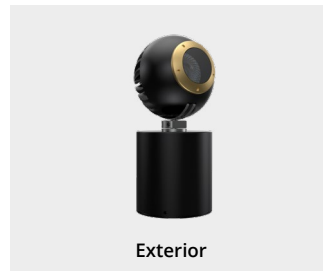
[d]arc awards
CELEBRATING THE BEST IN LIGHTING DESIGN
2ND PLACE 2020

ORBA RANGE

SPOTLIGHT



Interior



Exterior

Fixed, Dim-to-Warm, 98CRI or Tuneable White colour temperatures, this patented Ø70mm spherical engine is IP65 as standard (IP67 exterior). Available in a multitude of different frame/mounting options. 360° of rotation and up 90° of tilt with easily interchangeable baffles, optics and accessories (honeycomb louvres, softening lenses, colour filters etc). Customisable both before and after installation.

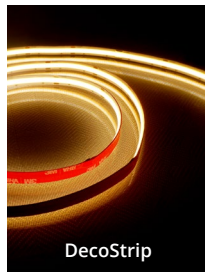


[Learn More](#)

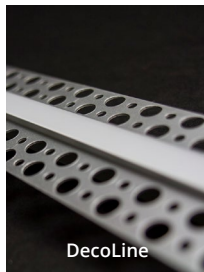


LINEAR RANGE

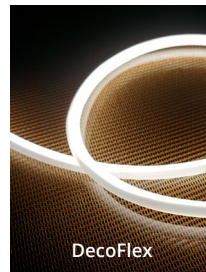
STRIP & PROFILE



DecoStrip



DecoLine



DecoFlex

Our full linear light offering includes high CRI fixed colour temp, Dim-to-Warm, Tuneable White, RGBW, COB, Flexi-Strip and Harsh Environment variants. Paired with our comprehensive range of profiles suitable for all installation types, this range allows lighting solutions for almost every scenario.

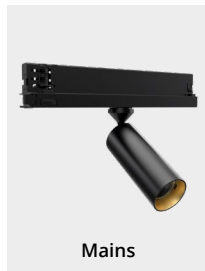


[Learn More](#)



DECOTRACK RANGE

TRACK



Mains



Low Voltage



Micro Low Voltage

Our Italian designed DecoTrack range is available in surface mounted, recessed and trimless versions. With a multitude of variants and sizes that offer impressive modularity, they are a stunning minimalistic approach to track-mounted installations.



[Learn More](#)



POWER SUPPLIES & CONTROL

DRIVERS & CASAMBI



Mains Drivers



Emergency Drivers



Casambi

We have a comprehensive range of industry-leading drivers (mains, DALI, 0-10V), power supplies, slave units, emergency packs and control gear (Casambi) allowing impressive and complete control of your lighting instruments.



[Learn More](#)



CLIVEDALE | MAYFAIR

FRAME OPTIONS

DOWNLIGHTS



Trimless



Trimmed



Recessed



Recessed Trimless



Twin



[Learn More](#)



ACCESSORIES

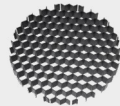
PRE & POST-INSTALL



Commissioning Tool



Snoot



Honeycomb



Softening Lens



Halfmoon



[Learn More](#)



NANO



MINI



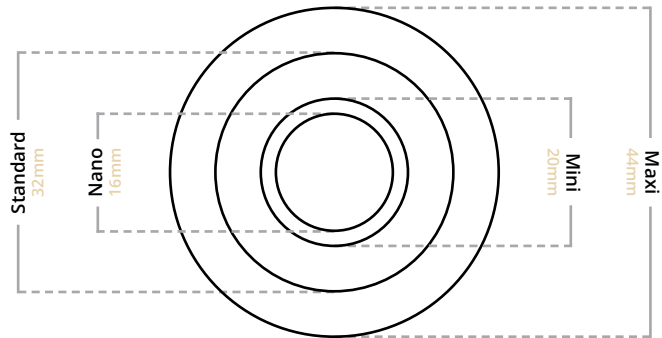
STANDARD



MAXI

LIGHT EMITTING

APERTURE SIZE



Scale 1:1

STANDARD WHITE
90CRI

DIM TO WARM
95CRI

LED CHIP OPTIONS · LED CHIP OPTIONS

GENESIS
98CRI

GENESIS TUNEABLE
98CRI

INDUSTRY-LEADING LIGHT QUALITY

Fixed and tuneable light engines that offer the closest thing to natural light.

93CRI as standard with option to upgrade to our Dim-to-Warm, Genesis and Genesis Tuneable LEDs (98CRI) lifting the vibrancy of a space like no other.



1800K

Available colour spectrum

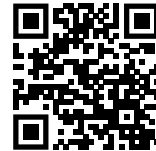
5000K



LIGHT TRIBE

**A family lighting company that
goes below the surface of just selling lights**

Formed through a genuine passion for the power of light, Light Tribe is a non-profit research arm of Phos that connects the latest scientific research to designers.



[Learn More](#)

Engine Type & CCT		Standard Options	Zep1	Eyeconic	Eclipse	Orba	Occular	Pano Mini	Pano Midi	Nano	Maxi	Irys / Soft
Beam Angles	White (2.7K / 3.0K / 4.0K)	•	•	•	•	•	•	•	•	•	•	•
	DTW (1.8K - 2.7K / 1.8 - 3.0K)		•	•	•	•	•		•		•	•
	Genesis (2.7K / 3.0K)		•	•	•	•	•		•		•	
	Genesis Tuneable (2.7K - 5.0K)		•	•	•	•	•		•		•	
	10°		*	*	*	*		*				
	15°							•				•
	20°		•	•	•	•	•	•	•	•	•	•
	25°		•	•	•	•	•	•	•	•	•	•
	30°		•	•	•	•	•	•	•	•	•	•
35°										•		
40°		•	•	•	•	•		•	•	•		
45°		•										
50°			•	•	•	•		•		•		
55°									•			
LED Strip												
Neon Flex												
High Temperature & Harsh Environment Strip												
Track & Accessories												
Drivers, Casambi & Emergency Packs												
Please contact the Phos team for further options and accessories						*Not available in DTW						