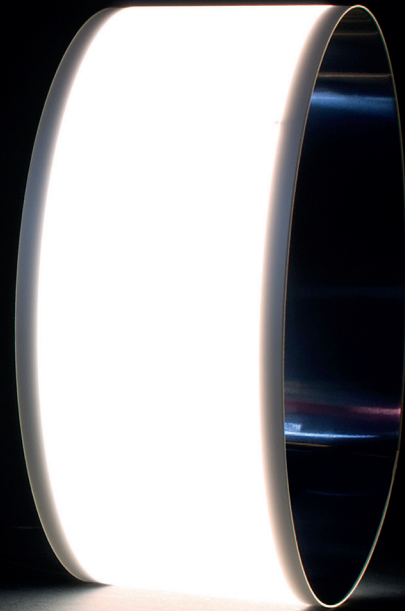
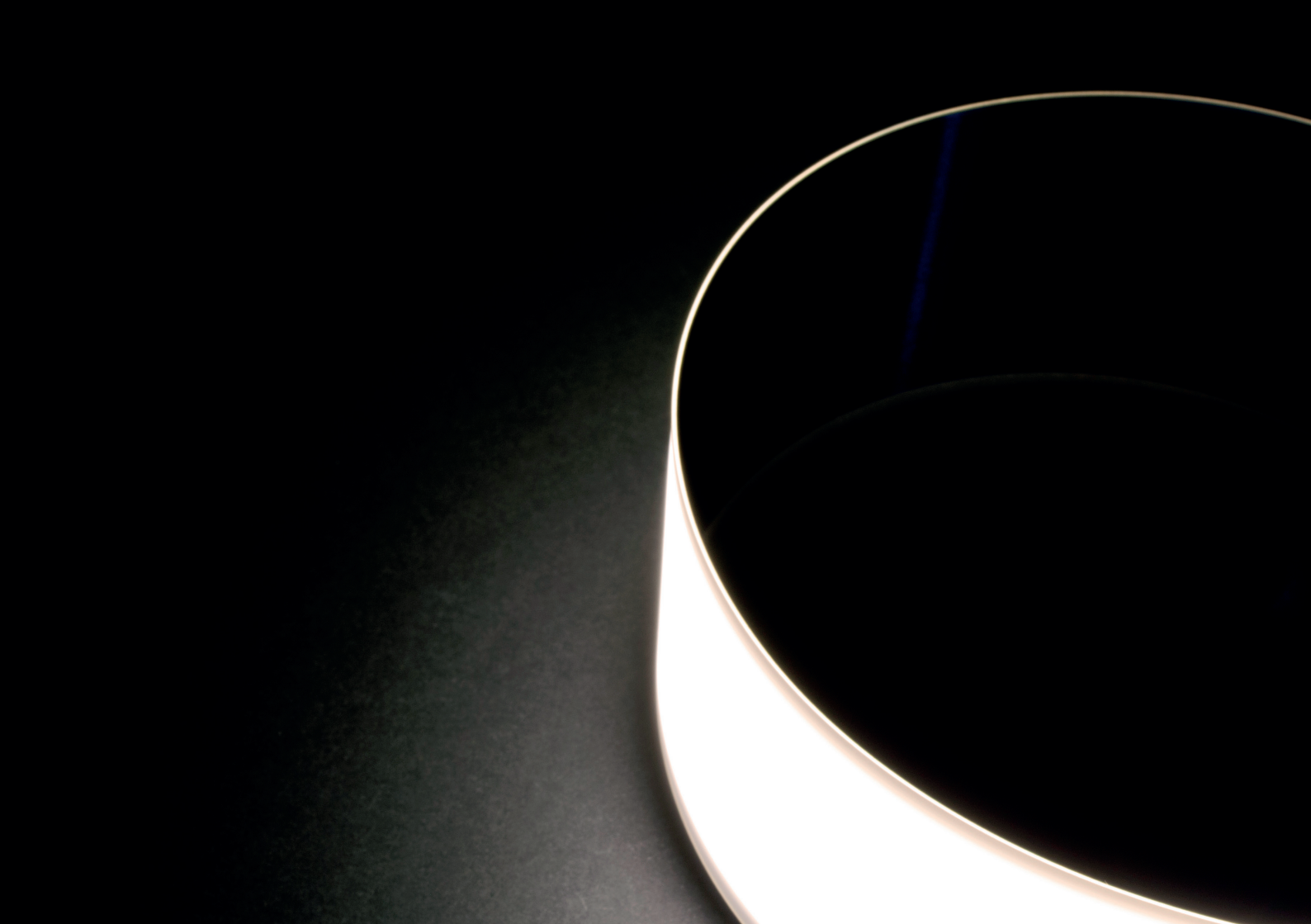


OLED
**PROVIDING NEW
POSSIBILITIES IN
LIGHTING DESIGN.**





WHAT IS OLED?

ORGANIC LIGHT EMITTING DIODE.

OLED LIGHT PANELS IN RIGID AND GROUND-BREAKING FLEXIBLE OPTIONS HAVE BEEN DESIGNED TO GIVE FREEDOM TO CREATIVITY.

FEATURING THE LATEST IN LIGHTING TECHNOLOGY, ORGANIC LIGHT EMITTING DIODE IS AN ORGANIC MATERIAL BASED SURFACE LIGHT SOURCE AND IS SEEN BY MANY EXPERTS AS DELIVERING MORE HUMAN CENTRIC CHARACTERISTICS THAN OTHER LIGHTING SOLUTIONS.

INCREDIBLY THIN AND LIGHTWEIGHT, OLED LIGHT PANELS BRING A FRESH PERSPECTIVE TO LIGHTING INTEGRATION AND PROVIDE NEW POSSIBILITIES IN LIGHTING DESIGN.

APPLELEC WORKS WITH OLED PANELS IN RIGID AND FLEXIBLE STRUCTURES WHICH PRESENT ENTIRELY NEW WAYS TO SEAMLESSLY BLEND LIGHT INTO INTERIOR AND LIGHTING DESIGNS.

OUR FOCUS IS TO HELP CLIENTS INTEGRATE OLED TECHNOLOGY INTO OBJECTS, FURNITURE, LUMINARIES AND LIGHTING SCHEMES.

OLED HUMAN-CENTRIC LIGHTING.

LOW GLARE & NO SHADOW

AS A SURFACE LIGHT SOURCE, OLED LIGHT PANELS HAVE A COMPLETELY FLAT AND EVENLY DIFFUSED LIGHT OUTPUT THAT IS COMFORTABLE ON THE EYES.

AS A UNIFORMED SURFACE LIGHT SOURCE, OLED FEATURES A LOW GLARE PROJECTION AND REDUCES THE HARD EDGE SHADOWS, WHICH CAN BE A SOURCE OF EYE FATIGUE.

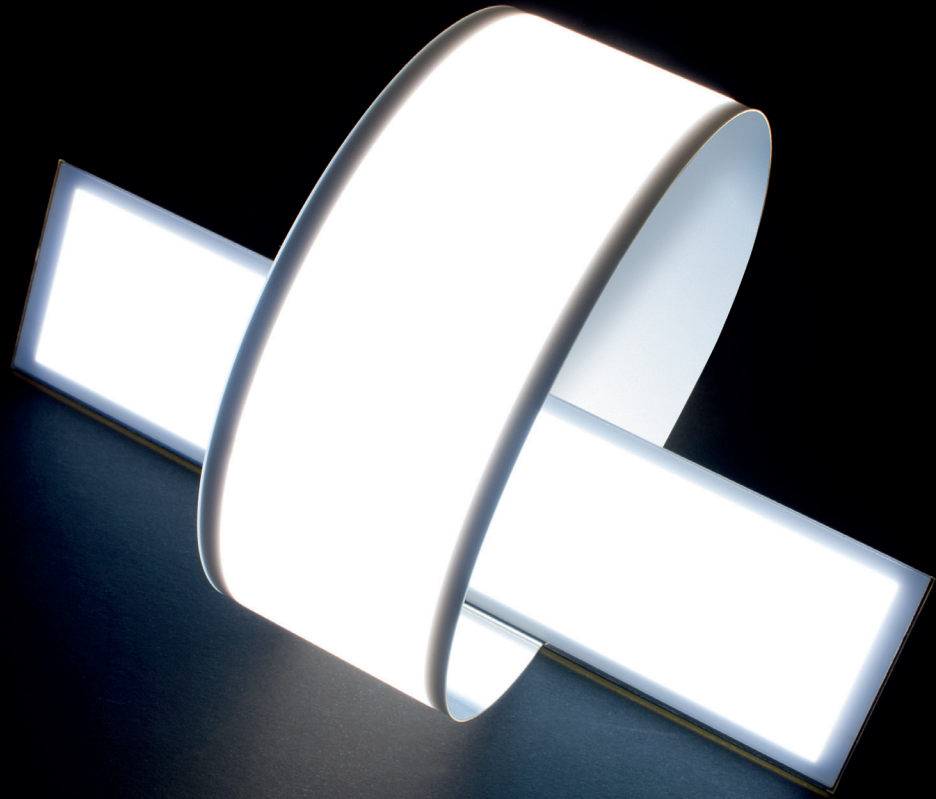
THESE ARE THE FIRST OF MANY HUMAN-CENTRIC QUALITIES PROVIDED BY OLED LIGHT.

NATURAL LIGHT

THE LIGHT PRODUCED BY OLED PANELS HAS SPECTRAL POWER DISTRIBUTIONS THAT ARE CLOSE TO NATURAL DAYLIGHT.

AS WELL AS REDUCING GLARING LIGHT, OLED PANELS HAVE NO UV AND THEIR BLUE LIGHT LEVELS ARE MUCH LOWER THAN CONVENTIONAL LEDS, PROVIDING A MORE PLEASANT LIGHT, MAKING OLED IDEA FOR PLACES WHERE THERE IS LIMITED NATURAL LIGHT.





OLED

DESIGN WITH FREEDOM.

SUPER THIN

THE RIGID AND FLEXIBLE OLED PANELS FEATURE A SUPER THIN AND LIGHTWEIGHT STRUCTURE, ALLOWING FOR GREATER CREATIVE FREEDOM.

THE RIGID PANEL IS AVAILABLE IN 3000K AND 4000K, AND FLEXIBLE IN 3000K AND FEATURES A HIGH EFFICACY. OLED LIGHT PANELS HAVE A HIGH CRI >90 WITHOUT COMPROMISING THE EFFICIENCY OF THE PANELS.

LOW HEAT EMISSION

PRODUCING A LOW HEAT OUTPUT OF $< 35^{\circ}$, THE OLED PANELS DO NOT REQUIRE ADDITIONAL HEAT SINKING OR DIFFUSERS, ENSURING THE SLIM PANEL DEPTH IS MAINTAINED.

THE LOW TEMPERATURE OPERATION MEANS THE PANELS ARE TOUCHABLE AND EASY TO HANDLE.

A NEW CHAPTER
IN CREATIVE LIGHTING.



RIGID OLED.

EXCEPTIONALLY SLIM LIGHT

RIGID OLED LIGHT PANELS ARE A SURFACE LIGHT SOURCE SYSTEM THAT GENERATE LOW HEAT LEVELS AND FEATURE AN EXCEPTIONALLY SLIM PROFILE.

THE REMARKABLY THIN AND LIGHTWEIGHT STRUCTURE RECOMMENDS THEM TO CONCEPTS WHERE THEY CAN BE MERGED WITHIN A PRODUCT OR DESIGN COMPOSITION.

OPTIMAL EFFICACY

A HIGH EFFICACY IS ACHIEVED FOR ALL OLED PANELS, WHICH FEATURE AN IMPRESSIVE LT70.

A NEW CHAPTER
IN CREATIVE LIGHTING.



RIGID OLED.

COLOUR & SIZE

RIGID OLED LIGHT PANELS ARE AVAILABLE IN A SELECTION OF SIZES AND INCLUDE: SQUARE, CIRCULAR AND RECTANGULAR SHAPES.

THE RIGID PANELS ARE AVAILABLE IN COLOUR TEMPERATURE OPTIONS OF 3000K AND 4000K AND A HIGH CRI OF >90 IS ACHIEVED.

A DELICATE PROFILE

EASY TO HANDLE DUE TO THEIR LOW OPERATING TEMPERATURE, THE RIGID OLED PANELS ARE CONSTRUCTED USING A GLASS SUBSTRATE.

THE DELICATE NATURE OF THE RIGID OLED LIGHT PANELS SHOULD BE CONSIDERED TO ENSURE SUCCESSFUL INTEGRATION WITHIN DESIGNS IS ACHIEVED.

LET US RECOMMEND THE BEST PANEL FROM OUR RANGE TO SUIT YOUR PROJECT.

FLEXIBLE OLED.

A UNIQUELY SUPPLE LIGHT SOURCE

FLEXIBLE OLED IS ONE OF THE MOST EXCITING ADVANCES IN MODERN LIGHTING TECHNOLOGY. THE FLEXIBLE PANELS CAN BE CURVED INTO EXTRAORDINARY SHAPES WHILST MAINTAINING HOMOGENOUS LIGHT FROM THEIR SURFACE.

WITH AN IMPRESSIVE BENDING RADIUS, THE FLEXIBILITY OF THE PANELS INCREASE WITH THEIR LENGTH ENABLING THE OLED TO BE SCULPTURED INTO WAVES OR COILED SHAPES.

OPTIMAL EFFICACY

A HIGH EFFICACY IS ACHIEVED FOR ALL OLED PANELS, WHICH FEATURE AN IMPRESSIVE LT70.

A NEW CHAPTER
IN CREATIVE LIGHTING.



FLEXIBLE OLED.

SUPER SLIM PROFILE

WITH AN INCREDIBLY SLIM PROFILE, THE THICKNESS OF THE FLEXIBLE PANELS ADDS VIRTUALLY NO DEPTH TO A DESIGN. THE FLEXIBLE OLED PANELS ARE A LIGHT SOURCE WITH AN ALMOST INVISIBLE CONSTRUCTION THAT IS ABSORBED WITHIN THE STRUCTURES THEY INHABIT, CREATING SEAMLESS ILLUMINATION.

HIGHLY FLEXIBLE

THE FLEXIBILITY OF OLED REVOLUTIONISES EXISTING CONCEPTS OF LIGHT SOURCES AND LIGHTING DESIGN.

AVAILABLE IN 3000K.

A NEW CHAPTER

IN CREATIVE LIGHTING.



THE RIBBON.

A SCULPTURAL LIGHT INSTALLATION, THE RIBBON BY MIN SANG CHO COMBINES OLED AND 3D PRINTING TECHNOLOGY PROCESSES DESIGNED FOR PRECISION MANUFACTURING, AND RESPONDS TO THESE SYSTEMS WITH CRAFTSMANSHIP AND A DESIRE FOR ARTISTIC EXPERIMENTATION.

MIN SANG CHO WORKED WITH APPLELEC TO PRESENT THE RIBBON WITHIN A MİRRORED ENCLOSURE, WHICH WAS ETCHED AND SEGMENTED WITH THE INTENTION OF DISRUPTING AND DISTORTING THE ORGANIC NATURE OF THE INSTALLATION.





ADIDAS PROUDER.

APPLELEC'S OLED LIGHT PANEL RANGE WAS SELECTED BY SPECIAL PROJECTS COMPANY SPARKLESTREET PROJECTS TO ILLUMINATE THE ADIDAS PROUDER CAMPAIGN, AS PART OF THE 2018 PRIDE IN LONDON.

THE ICONIC ADIDAS SAMBA TRAINER WAS REIMAGINED THROUGH THE THEME OF PROUDER BY A PANEL OF GLOBAL CREATORS FROM THE LGBTQ+ COMMUNITY AND A ROLL-CALL OF CELEBRITY SUPPORTERS.

TO SHOWCASE EACH OF THE CREATOR'S DESIGNS, A UNIQUE EXHIBITION WAS PUT ON DURING LONDON PRIDE AT THE HENI GALLERY IN SOHO, WHERE 80 OLED LIGHT PANELS WERE USED TO ILLUMINATE THE SAMBA DISPLAY CABINETS.

POWER ACCESSORIES.

FLEXI CONDUCTOR

www.designwitholed.co.uk



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- SECURELY CONNECTS THE PANEL TO THE POWER SOURCE
- SLIM CONSTRUCTION HELPS TO MAINTAIN THE THIN PROFILE OF THE OLED LIGHT PANELS

MICRO OLED USB



- CONNECTS THE PANELS TO A RECHARGEABLE BATTERY PACK

MICRO OLED USB



- ALLOWS MULTIPLE PANELS TO BE POWERED OVER A LARGE AREA
ENSURES LONGEVITY OF THE LIGHT PANEL

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Please email riba@applelec.co.uk
to book your presentation.



APPLELEC'S PERMANENT LIGHTING SHOWROOM
AT THE BUSINESS DESIGN CENTRE IN ISLINGTON
HAS BEEN REIMAGINED TO CREATE A SPACE
DEDICATED TO OLED.

FEATURING A LIGHTING SCHEME COMPOSED ENTIRELY IN
RIGID AND FLEXIBLE PANELS, THE SHOWROOM DISPLAYS A
COLLECTION OF LIGHT ART INSTALLATIONS UTILISING APPLELEC'S
OLED RANGE.

PLEASE CONTACT US TO BOOK YOUR VISIT

For OLED and related accessory specifications including, panel options, please download the technical manual from www.designwitholed.co.uk

Please contact our product specialists to discuss your project requirements

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