PUBLIC
SPACES
LIGHTING

leds.co.uk

MARL
INTERNATIONAL

LED BY LIGHT

MARL International Ltd has been adapting LED technology to provide innovative, attractive and functional solutions for over four decades.

High CRI, enhanced R9 tech LED lighting solutions are ideal for use in public space lighting. White, RGB and RGBWW (warm white and cool white in one chip) options allow colours to appear clear, vivid and distinguishable while consuming significantly less energy.

Our core product range of durable and reliable Panel Indicator LEDs, Bulb Replacement LEDs and PCB mounting LEDs are available in standard, bespoke and semi-custom options. Manufactured at our facility in Ulverston, our LED components use the highest grade materials and feature quality white light and full spectrum RGB technology.

MARL are the exclusive UK distributor of Yuji LEDs, bringing high quality, high CRI LEDs to the UK market.
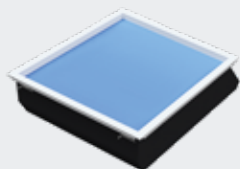
SKYLINE ROOFLIGHT

Skyline™ lighting system is based on sunlight simulator technology to artificially recreate the visual experience of natural sun light and clear sky. With breakthroughs in mimicking sun light and sky simulation optics, Yuji Lighting® Skyline™ brings a true blue sky indoors, enhancing visual comfort and health by creating a natural sunlight effect. Recommended for use in applications including residential, retail, offices and public spaces where natural sunlight is limited.
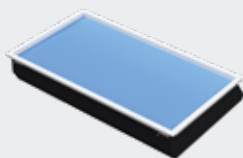
SKYLINE™

· Natural blue sky visual effect
· Up to CRI 90+ light quality
· Full sunlight spectrum
· Circadian clock adjustable
· Premium thermal management
· Recessed installation
· CCT tunable & Lumen Dimmable
· Smart controlling APP available
· 30,000 hours life time
· Additional sizes available

6060 ROOFLIGHT

- Embedded rooflight
- L 600mm × W 600mm × H 250mm
- 6500K single mode version and 2700K 6500K smart version

60120 ROOFLIGHT

- L 1200mm × W 600mm × H 250mm
- 6500K single mode version and 2700K–6500K smart version. Recessed installation

LED LAMPS

- Up to R9 95+ improved skin tone rendering
- Up to CRI 98+ light quality
- Dimming option – smooth dimming down to 5%
- TM30 & TLCI specified and controlled
- Flicker free

A60

- Direct replacement of A60 incandescent bulb
- E27 cap base
- Dimensions 60mm x 117mm

BALL LED

- Direct replacement of incandescent bulb
- E14 cap base
- Dimensions 45mm x 78mm

BR30

- Direct replacement of traditional lamp
- E27 cap base
- Dimensions 95mm x 130mm
- Ideal for use in retail display lighting

Datasheets and more information available.

APPLICATIONS

- Film Production
- Retail Display
- Galleries & museums
- Hospitality
- Photography
- Residential lighting

CANDLE LED

- Direct replacement of candle incandescent
- E14 cap base
- Dimensions 35mm x 100mm

CORN BULB

- 360° beam angle
- E27 cap base
- Dimensions 73mm x 196mm
- Ideal for use in commercial lighting and street lighting
- Replacement for sodium and metal halide lamps

GU10 / MR16

- GU10 – direct replacement for halogen GU10
- MR16 – direct replacement for halogen MR16 (GU5.3 cap base)
- Dimensions 50mm x 55mm

LED LAMPS

PAR – ADJUSTABLE

- Available in 2 sizes; PAR20 or PAR30
- Beam angle adjustable
- Heavy duty design
- E27 cap base
- Par 20 dimensions 73mm x 113mm
- Par 30 dimensions 95mm x 134mm
- Ideal for display lighting in retail, gallery and museum spotlight fitting

PAR – DIMMABLE

- Available in 3 sizes; PAR20, PAR30 or PAR38
- Heavy duty design
- E27 cap base
- Par20 dimensions 64mm x 94mm
- Par30 dimensions 95mm x 127mm
- Par38 dimensions 120mm x 136mm
- For use in display lighting

T8 TUBES

- Direct replacement of fluorescent T8
- G13 cap base
- Available Lengths: 0.6m, 1.2m, 1.5m

TUNEABLE COLOUR

- RGBW (red, green, blue, warm white or cool white in one chip) and RGBWW (red, green, blue, warm white and cool white in one chip)
- Available in 12V or 24V
- 5 metre length per reel, 12mm width flexible pcb with adhesive backing
- 95+ CRI
- TLCI rated 97 (typical)

BI-COLOUR WHITE LED STRIPS

- 10mm width flexible PCB with adhesive backing
- 5m length per roll
- 95 CRI, 2700K / 3200K / 5600K / 6500K
- 15W/m (4.6W/foot)
- 24V constant voltage compatible
- Cuttable every 12 LEDs (100 mm)

MULTICOLOUR LED STRIPS

- 10mm width flexible PCB with adhesive backing
- 5m length per roll
- 95 CRI, 2700K / 3200K / 4000K / 5000K / 5600K / 6500K
- 15W/m (4.6W/ft)
- 24V constant voltage compatible
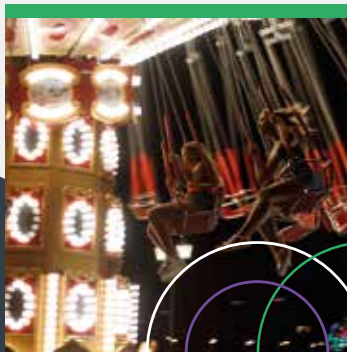- Cuttable every 6 LEDs (50mm)

SINGLE COLOUR LED STRIPS

- 12mm width flexible PCB with adhesive backing
- 5m length per roll
- 95 CRI, 2700K / 6500K
- R / G / B
- 24V constant voltage compatible
- Cuttable every 6 LEDs (100mm)

PUBLIC SPACES LIGHTING

MUSEUMS & ART GALLERIES | AMUSEMENTS & ATTRACTIONS | ZOOS & AQUARIUMS | COMMERCIAL & INDUSTRIAL

Why high CRI?

CRI (colour rendering index) is a measure of illumination quality, i.e. how accurately a light source illuminates objects' true colours. Our CRI Max range of LED lights have CRI values of 95+, dramatically improving the appearance of objects, ideal for applications where energy consumption savings are required but quality of light must be maintained.

Enhanced R9 tech

CRI R9 is the typical metric for evaluating red performance of a light source. A high CRI light source with a poor CRI R9 value will perform poorly for red colour reproduction. Our CRI Max products offer CRI 95+ and Ra95 minimum, enhancing red spectral power and boosting vivid red visual quality.

Commercial & Industrial

- Lamps and bulbs – true colour representation ideal for retail lighting
- LED bulkheads – warehouse traffic light systems and boundary illumination
- Skyline – creates a daylight lighting effect in dark rooms
- UFO – warehousing and production lighting. High light efficacy

Amusements & Attractions

- Panel indicator LEDs – control panel status indication
- Bulb replacement LEDs – control panel status indication
- Floodlights – use in car parks and public areas, high CRI improves CCTV image quality
- Flexistrip – available in a range of colours ideal for attractions

Zoos & Aquariums

- UFO – reflect a natural habitat improving the quality of life of the animals and customer experience. Low heat emissions and running costs
- Floodlights – true colour representation in public areas
- Lamps and bulbs – reflect a natural habitat and environment

Museums & Art Galleries

- Flexistrip – true colour representation, low heat emissions. Can be fitted to extrusion or housing for easy mounting
- CRI max products for true colour representation and improved customer experience
- Lamps and bulbs – true colour representation for public areas

UFO

- 150w (pictured) 200w or 100w power consumption available
- High CRI 95+
- Suitable for industrial and commercial lighting applications
- Zoomable optic design- 60° / 85° / 100° changeable through simple rotation
- 200w compatible with microwave motion sensor and remote
- Ideal solution for retro-fit
- Reduced maintenance time

FLOODLIGHT

LARGE AREA / EXTERIOR LIGHTING

- 100w
- High CRI 95+
- IP65 rated
- Durable aluminium and tempered glass
- Suitable for large area lighting such as hospitals, hotels and schools
- Bright enough for illumination on large fields or open areas
- High lumen efficacy

BULB REPLACEMENT LEDS

202 SERIES

- T1 Midget Flange SX3s Base
- Water clear lens
- Flat topped LED
- Centre contact Anode as standard
- Range of LED colour options
- Range of voltage options

205 SERIES

- T1¾ Midget Groove S5.7s Base
- Flat topped LED
- Range of LED colour options
- Range of voltage options
- Fit and Forget
- Centre contact anode as standard
- Warm White version available

215 SERIES

- T3¼ (BA9s) Bayonet Cap
- Range of LED colour options
- Range of voltage options
- Reverse polarity options available
- Internally potted
- Fit and Forget
- Warm White version available

PANEL INDICATOR LEDS

508 SERIES

- Ø8.1mm mounting
- Nickel plated brass housing
- Sealed to IP67 – weatherproof
- Wide viewing angle – smoked lens
- Internal potting
- Reverse protection diode fitted in all voltage models
- Range of LED colour options
- Range of voltage options
- Available with wire terminations

677 SERIES

- Ø8.1mm mounting
- Black anodised aluminium housing
- Sealed to IP67 – weatherproof
- Wide viewing angle – smoked lens
- Internal potting
- Reverse protection diode fitted in all voltage models
- Range of LED colour options
- Range of voltage options
- Available with wire terminations

690 SERIES

- Ø9.6mm (3/8") mounting
- UL Certified – certificate number E349017
- Black anodised aluminium housing
- Sealed to IP67 – weatherproof
- Flat water clear lens
- Internal potting
- Bi-polar circuitry
- Range of LED colour options
- Multi voltage

ACCESSORIES

MARL offer a range of accessories to compliment the Yuji product range, including remote control kits and aluminium housings.
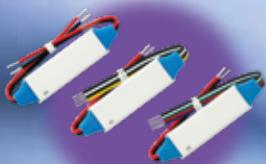
Contact our team to discuss your requirements.

Dimmer remote kit for single and bi-colour white

- Includes 1* 4-channel receiver and 1* 2-channel remote control.
- Remote control allows for real time adjustment of brightness / colour temperature.
- Touch-sensitive control wheel allows you to instantly set your lights to any desired mode.
- Remote control works within distance of 20m.
- Power off memory function.
- Max. 5A amps per channel at 12 or 24 VDC with a total maximum of 16A.
- One CR2032 (3V DC) battery is needed for the remote control.
- Protections: short-circuit, over current, over temp.
- Provides dimming control for Yujileds bi-colour and single colour high CRI LED strips.
- Compatible with YujiElecs IP67 Waterproof Power Supply for LED Strips, 120W.

Bluetooth smart phone controller for RGBW strip

Bluetooth smart phone controller for RGBW strip
- Suitable for 12v & 24 strip options.
- IP63 rated.
- Supported by iOS or Android device.
- 15 metre transmission distance in an open area.
- Flicker Free Adjustable.

Dimmer remote kit for RGB and RGBW info

- Includes 1* 4-channel receiver and 1* 2-channel remote control.
- Remote control allows for real time adjustment of RBG / RGBW brightness, colour selections, and colour modes, cycle speed, fade or step through colours, etc.
- Touch-sensitive control wheel allows you to instantly set your lights to any desired mode.
- Remote control works within distance of 20m.
- Power off memory function.
- Max. 5A amps per channel at 12 or 24 VDC with a total maximum of 16A.
- One CR2032 (3V DC) battery is needed for the remote control.
- Provides dimming control for YUJILEDS® RGB/RGBW high CRI LED Strips.
- Compatible with YujiElecs IP67 Waterproof Power Supply for LED Strips, 120W.

LED BULKHEAD UNIT

- Metal base
- Polycarbonate lens
- Vibration resistant
- Sealed to IP65
- Range of LED colours
- High intensity LEDs
- Range of voltages

ISO
9001
Quality
Management

RoHs
2015/863/EU

IAAPA®
MEMBER 2022

ALFD#