

SIGN ILLUMINATION SYSTEMS

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SIGN ILLUMINATION SYSTEMS

Wholesale sign and display lighting modules.

Specialized Lighting is a NZSDA member and supplier with 10 years sign lighting experience.

NANO LED BACKLIGHT MODULE

MFM056

The Nano is the smallest and most versatile LED Module on the market and can provide a solution for the narrowest of channel letters and strokes.

The Nano is the proverbial "get out of jail" card for sign writers and installers as it will fit into the narrowest of channel letters with a depth of 30mm - 60mm without "spotting" due to its unique "Bat Wing Optical Lens".

- Suitable for 30 - 60mm depth
- 160° Bat Wing Optical Lens
- 3 Step MacAdam colour binning
- Constant current onboard technology

POWER
0.37 W/m

VOLTAGE
12V DC

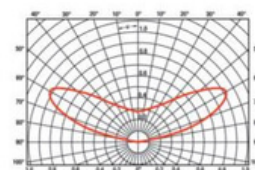
IP
IP65

LUMENS
40lm

DIMENSIONS
26.5*9*8.2

WARRANTY
5 Years

SERIES CONNECTIVITY
50 Modules



MINI LED BACKLIT MODULE

UGW387B

The Mini is the workhorse of our sign module range and is suitable for all medium-sized channel letters and sign cabinets. The Mini is suitable for most LED back lighting applications in boxes as shallow as 80mm with its unique "Batwing Optical Lens" providing Spot Free illumination.

Internal constant current IC maintains perfect operating current to ensure maximum life.

- Suitable for 80 - 150mm depth
- 160° Bat-Wing Optical Lens
- 3 Step MacAdam colour binning
- Constant current onboard technology

POWER
1.2 W/m

VOLTAGE
12V DC

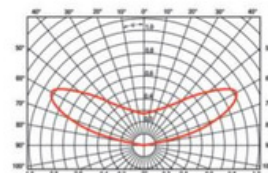
IP
IP67

LUMENS
116lm

DIMENSIONS
49.5*19.4*10

WARRANTY
5 Years

SERIES CONNECTIVITY
75 Modules



QUAD MAX

MG24GW31A-H

Wide angle & Highly efficient at only 2W per module with 155lm/W.

- Uniform and efficient illumination at high LED module distance thanks to new wide lens design -3:1
- New technology to get high efficiency -155 lm/W
- Signage and illuminated advertising
- Backlighting of channel letters and light box
- Best for 30mm to 250mm depth (1inch to 10inch)

POWER
2 W/m

VOLTAGE
12V DC

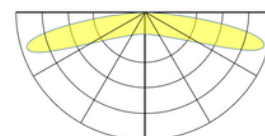
IP
IP67

LUMENS
155lm

DIMENSIONS
1000*1000*120

WARRANTY
5 Years

SERIES CONNECTIVITY
75 Modules



BLADE EDGELIGHT LED MODULE

UGW385B

The Blade is a slim fit side light module with state of the art elliptical lenses and 3 LEDs per module making it suitable for narrow light boxes and cabinets.

The Blade LED modules can be spaced up to 150mm apart of a cabinet depth of 60mm, requiring fewer modules. Internal constant current IC allows connection of up to 20 modules in series.

- Suitable for 50 - 120mm depth
- 13° x 25° asymmetric optical lens
- 3 Step MacAdam colour binning
- Constant current onboard technology

POWER
2.88 W/m

VOLTAGE
12V DC

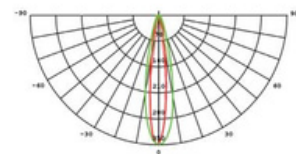
IP
IP67

LUMENS
240lm

DIMENSIONS
100*26*21

WARRANTY
5 Years

SERIES CONNECTIVITY
10 Modules



BOLT LED SIDE LIGHT MODULE

ULW383B

The Bolt is an ideal LED illumination solution for edge lighting medium-sized single and double-sided light boxes between 120mm - 200mm deep.

- Suitable for 120-200mm depth
- 15° x 55° asymmetric optical lens
- 3 Step MacAdam colour binning
- Constant current onboard technology
- 20 modules in series

POWER
3.0 W/m

VOLTAGE
12V DC

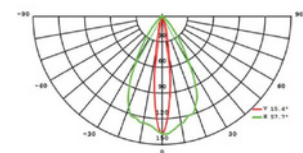
IP
IP67

LUMENS
220lm

DIMENSIONS
57*33*21

WARRANTY
5 Years

SERIES CONNECTIVITY
20 Modules



BACK LIGHT BAR

L205HW27E

- Sourced by high output OSRAM LED, good color conformity and no spot.
- Uniform illumination thanks to optimized elliptical lenses.
- Several options for quick and simple mounting: bolting or 3M double-sided adhesive.
- Cost-effective solution with reliable performance.
- 10 pcs Max. in a series connection.
- SDCM ≤ 3 each BIN.
- Long lifetime 5 years warranty.
- The bar light are compatible with the lightbox mounting profile.

POWER
12 W/m

VOLTAGE
24-30V DC

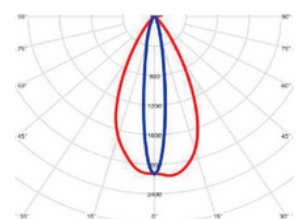
IP
IP67

LUMENS
1370 lm

DIMENSIONS
495*27.5*15.6

WARRANTY
5 Years

SERIES CONNECTIVITY
10 Modules



FLUORO REPLACEMENT LIGHT BAR

L112GW16B

Back inserted extruded aluminum design, patent protection, applied to single side and double sided light boxes. Special end cover design, can be installed in single side and double sided light boxes. Anodized aluminum profile, strong corrosion resistance. High quality potting silicone, Strong resistance to yellowing.

- Good optical performance due to bat-wing lens design
- 5 Years warranty
- 13.5W/meter
- IP66

POWER
13.5 W/m

VOLTAGE
24V DC

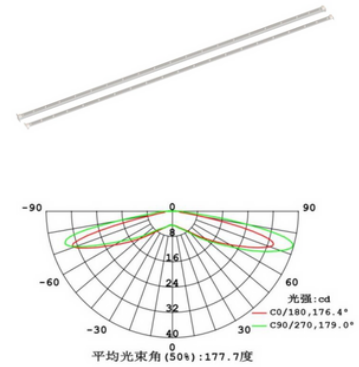
IP
IP66

LUMENS
700-2100lm

DIMENSIONS
500, 1000,
1200, 1500

WARRANTY
5 Years

SERIES CONNECTIVITY
1 Module



EVOLVE KATANA

YGW-0118

Ideal solution for 50mm-150mm double and single sided lightboxes. Each module can project a sheet of light up to 1.3m and provides an economical light box solution.

Katana Features:

- Suitable for 50-150mm depth
- 13° x 25° asymmetric optical lens
- 3 Step MacAdam colour binning
- Constant current onboard technology
- 9 modules in series

POWER
3.0 W/m

VOLTAGE
12V DC

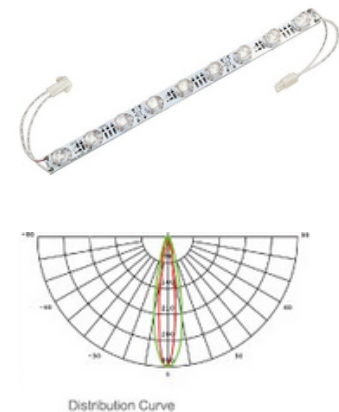
IP
IP66

LUMENS
850lm

DIMENSIONS
337*20*11

WARRANTY
3 Years

SERIES CONNECTIVITY
9 Modules



KATANA 2 - EDGE LIGHT BAR

L012GX24B-0.5

Edge lighting for double and single sided light boxes. Suitable for 100mm to 300mm depth (4inch to 12inch).

Excellent lens design can achieve better uniformity performance in edge-lighting application.

- Easy installation in application (connector).
- Conformal coating design can block moisture in application.

POWER
15 W/m

VOLTAGE
24V DC

IP
IP20

LUMENS
1650 lm

DIMENSIONS
24*498mm

WARRANTY
3 Years

SERIES CONNECTIVITY
8 Modules



IFLEX 360 FLEXIBLE LED STRIP

Unlike traditional LED strips, the iFlex360 can bend on its horizontal axis. The low voltage flexible strip can be installed virtually anywhere with cutting points every 50mm.

Perfectly suited for small channel and acrylic letters.

- 360° flexible LED Strip
- Warranty 3 years
- Colours - 3000k, 6000k, red, blue
- Available in waterproof

POWER
4.8 W/m

VOLTAGE
12V DC

IP
IP20

LUMENS
480lm

DIMENSIONS
8mm Width
5m Role

WARRANTY
3 Years

CUTTING INTERVALS
50mm



IP65 IFLEX 360 IP65

iFlex 360 is a unique 360 degree flexible LED strip lighting system perfectly suited for small channel and acrylic letters.

- Available in all three primary colours, plus green, blue, red and yellow/amber.
- Silicone Encapsulation does not affect bending.
- 12V
- 10W/m

POWER
10 W/m

VOLTAGE
12V DC

IP
IP65

LUMENS
900lm

DIMENSIONS
6mm Width
5m Role

WARRANTY
3 Years

CUTTING INTERVALS
50mm



SIDEFLEX STRIP LIGHT

- Flexible: bendable, cuttable every 3 LEDs on 12V and every 6 LEDs on 24V.
- Low power consumption, bright but running with low temperature.
- All the light spread and completely smooth, luminous even.
- Self-adhesive back with Adhesive tape for secure and easy application.
- Non-waterproof LED strip
- 120LEDs/m
- 12V DC
- 3000k | 6000k | Green | Red | Blue

POWER
9.6 W/m

VOLTAGE
12V DC

IP
IP20

LUMENS
720-840lm

DIMENSIONS
8mm

WARRANTY
3 Years

CUTTING INTERVALS
25mm





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