

[www.lbyafrica.com](http://www.lbyafrica.com)

# PRODUCT BROCHURE

LED Modules

LED Strip

Power Supplies

Lighting Channels

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Johannesburg - Cape Town - Durban

For over 20 years, LBY LED has been developing and leading the way in LED lighting for the signage and architectural lighting industries.

### Our Expertise

Focused on developing, manufacturing and marketing LED products, LBY LED has been setting the standard since 2004.

### Global Reach, Local Expertise

The LBY network spans over 120 countries. We take pride in being more than a global entity; we're your local lighting experts.

### LBY Africa: Where Brilliance Begins

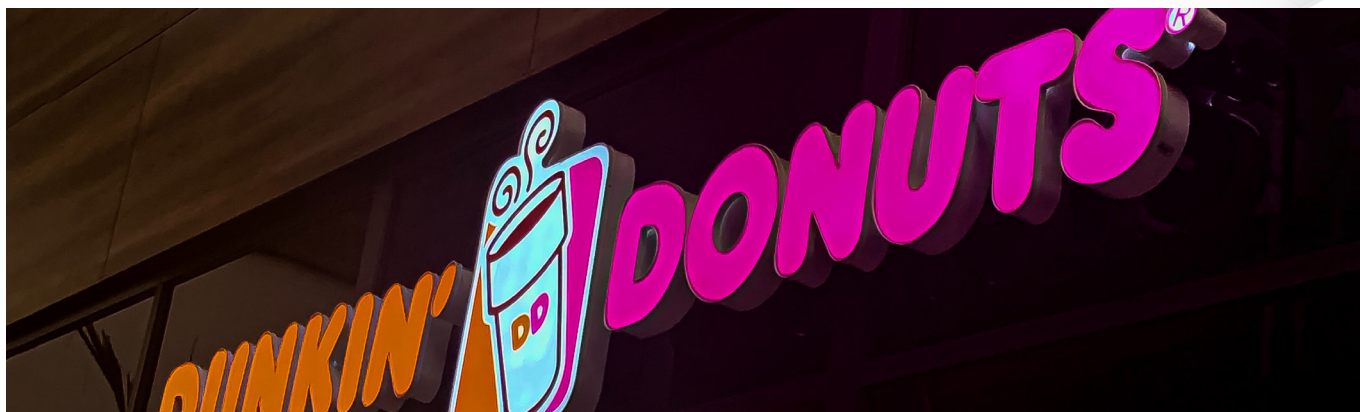
We bring you a comprehensive range of LED Modules, LED Strips, Power Supplies and Lighting Profiles. Experience the brilliance of LBY LED.



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# BACK LIT MODULES

## ECONO SERIES



### LOW COST SIGNAGE SOLUTIONS for sign boxes and channel letters

Econo modules offer a lower cost solution while still providing good performance and reliability.

ECONO 2



•55 LM •0.6 W

ECONO 3 - 90



•90 LM •1.0 W

ECONO 3 - 100



•120 LM •1.2 W

ECONO 4



•110 LM •1.2 W

## ECONO DIAMOND SERIES



### DIAMOND LENS TECHNOLOGY together with a low cost module

Econo module with an improved diamond optical lens design for improved light dispersion and greater coverage.

ECONO DIAMOND 2



•78 LM •0.72 W

ECONO DIAMOND 3



•110 LM •1 W

## MID SERIES



### MID MODULES ARE A GREAT VALUE product range

This range offers the flexibility of either 2 or 3 LED type modules and provides excellent quality performance and reliability.



•70 LM •0.72 W



•100 LM •1.0 W



•145 LM •1.5 W

## 120 MOD SERIES



### NARROW BEAM ANGLE standard and mini size modules

The 120° beam angle ensures no hot spots on illuminated acrylic returns. 120 Mod Mini modules are perfect for small or narrow letters where there is limited space.



•70 LM •0.72 W



•20 LM •0.32 W

## OPTIMOD SERIES



### THE SIGNAGE INDUSTRY'S GO-TO PRODUCT as easy as 1•2•3•4

The Optimod series is a versatile range available in 1/2/3/4 LED module configurations. The 170° wide beam angle and high lumen output per Watt makes the Optimod series very cost effective with less LED modules required per square meter.



•40 LM •0.4 W



•80 LM •0.8 W



•120 LM •1.2 W



•160 LM •1.6 W



## DIAMONDBACK SERIES



### SUPERIOR PERFORMANCE with diamond lens design

manufactured with constant  
current technology.

DIAMONDBACK 2



•90 LM •0.8 W

DIAMONDBACK 3



•140 LM •1.2 W

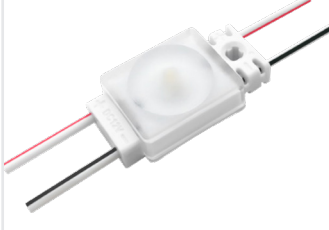
## PREMIUM SERIES



### HIGH END SIGNAGE SOLUTIONS powered by OSRAM LED

The Premium series offers a versatile range of high  
output OSRAM powered LED modules. This product  
delivers superior performance and reliability.

PREMIUM 1



•50 LM •0.5 W

PREMIUM 2



•100 LM •1.0 W

PREMIUM 3



•150 LM •1.5 W

PREMIUM 4



•200 LM •2.0 W

## ROLLER BARS



### BACK LIGHTING SOLUTION for narrow profile light boxes

Roller bars are the ideal solution for narrow profile light boxes with  
acrylic or textile faces, giving even lighting with no hot spots.

ROLLER BAR ECONO



•1100 LM •12 W

ROLLER BAR



•1200 LM •12 W

## RGB SERIES



### GREAT COLOUR VERSATILITY in colour selection and mixing

Bring designs to life with movement and colour. RGBW products allow for red/green/blue and white - all in one.



•R6 G22 B5 LM •0.65 W •R6 G22 B5 W20 LM •0.96 W



## EDGE LIT MODULES

### EDGE LIT MODULES



### EDGE LIGHTING TECHNOLOGY for sign boxes & cabinets

Edge lit modules have special lens designs specifically suited for edge illuminating small, medium and large sign boxes. These modules are positioned on the edge of a sign box and offer significant time and cost savings.



•125 LM •1.32 W

•250 LM •2.5 W

•300 LM •3.0 W

•780 LM •6.5 W

# EDGE LIT BARS

## MAXI BARS



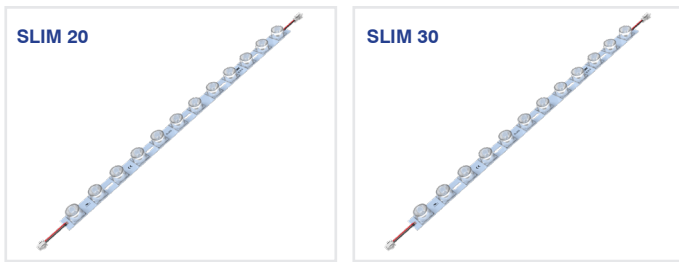
•850 LM •9 W                      •1500 LM •15 W

### EDGE LIGHTING TECHNOLOGY for narrow profile boxes

Sidelit LED bars for uniform illumination, durability and eye-catching signage solutions.

# EDGE LIT BARS

## SLIM BARS



•1700 LM •20 W                      •2200 LM •28 W

### EDGE LIGHTING TECHNOLOGY for narrow profile boxes

Sidelit LED bars for slim profile, vibrant displays.





# LED STRIP

## 2835 LED STRIP



### VERSATILE GENERAL USE PRODUCT for a wide range of applications

For use in all recessed and accent light lines.  
Perfect for boxes or extrusions 3 to 6 cm deep.



Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SE60(L/D)A1	60	12V	12	1200	IP33 / IP65
SE120(L/D/J)A1	120	12V	15	1500	IP33/IP65/IP68

## HIGH EFFICACY LED STRIP



### HIGH 150 LM/W OUTPUT that reduces power usage

Great for where that extra brightness is required.



Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SE80(L/D)C1	80	24V	7.2	1080	IP33 / IP65
SE128(L/D)C1	128	24V	9.6	1440	IP33 / IP65



## BENDABLE LED STRIP



**PERFECT FOR SMALL LETTERS**  
navigate curves and corners easily

Saves you time and effort.  
An excellent choice for letters 3 - 6 cm deep.



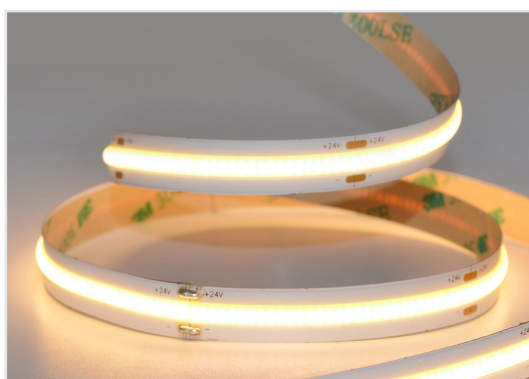
Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SE60(L/D)A2-S	60	12V	6.2	620	IP33 / IP65
SE120LA2-S	120	12V	10	1000	IP33
SH48LA2-S-RGB	48	12V	10	R72 G188 B46	IP33

## COB LED STRIP



**SEAMLESS, EVEN LIGHT**  
no hotspots, no shadows

The highest quality light for high demand  
dotless interior applications.



Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SQ320L(A/C)1	320	12V / 24V	10 / 8	1000 / 800	IP33
SQ480LC1	480	24V	11	1100	IP33
SQ384LC1	384	24V	10	1000	IP33
SQ840LC1-RGB	280 each	24V	14	R120 G500 B80 RGB700	IP33

## RGB LED STRIP



**COLOUR YOUR WORLD**  
at the touch of a button

Change the mood of your space by selecting any  
colour you wish.



Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SH60(L/J)A1-RGB	60 SMD	12V	12	Not Specified	IP33 / IP68
SQ840LC1-RGB	840 COB	24V	14	R120 G500 B80 RGB700	IP33
SH48LA2-S-RGB	48 SMD	12V	10	R72 G188 B46	IP33
SH60L(A/C)1-RGBW	60 SMD	12V / 24V	14.4	Not Specified	IP33

## CCT TUNABLE LED STRIP



**CHOOSE BETWEEN WARM OR COOL  
or any white in-between**

Also dimmable depending on the controller.



Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SECOLA1-DW	120 SMD	12V	15	1200	IP20
SQ608LC1-DW	608 COB	24V	14	1400	IP20



## LED FLEX NEON

## SILICONE LED FLEX NEON



**ANY COLOUR ANYWHERE  
for indoor and outdoor use**

Dimmable with excellent resistance properties.  
Excellent toughness, simple and stylish appearance,  
delicate and unique.



Part No.	LEDs PM	DC	Power (W/m)	Lumens/m	Protection Grade
SE120JA2-D0613	120 SMD	12V	10	36	IP67
SE120JA2-0613RGB	120 SMD	12V	10	12,6	IP67
SE120JA3-D0816	120 SMD	12V	10	34	IP67



# ADDRESSABLE IC SERIES

## MODULES IC



### INTEGRATED CHIP TECHNOLOGY

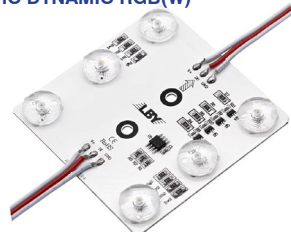
**attracts attention by adding dramatic lighting effects**

Fully programmable colour and brightness for use in animated letters, lightboxes and feature lighting. The possibilities are endless!

IC RGB



IC DYNAMIC RGB(W)



Part No.	DC	Power (W)	Lumens	Lumens /m	Watts /m
ZH03QA9	12V	0.76	R6 G17 B4	R35.58 G99.96 B23.53	4.47
ZF06CB1-QW98	12V	3	R17 G35 B7 W61	R62.9 G129.5 B25.9 W225.7	11.1

## STRIP IC



### JUST LIKE MAGIC

**Taking lighting to the next level**

Add movement and colour to your reflected or linear lighting features. Use in recessed channels, architectural shadow lines or simply exposed.

IC RUNNING STRIP



Part No.	DC	Power (W/m)	Type	CCT(K)	Protection Grade
SH60LA1-20IC	12V	14.4	RGB+IC STRIP	RGB + IC	IP20-IP68
SE120LC1-8IC-(5/10)M	24V	9.6	Strip Kits with RF Wireless Controller	3000,4000,6500	IP33



# SAMSUNG

## POWER SUPPLIES

### LBY OUTDOOR POWER SUPPLY



#### WATERPROOF POWER SUPPLIES

High performance for outdoor applications

Available in 5 year and 2 year econo series.

Part No.	Power	DC Options	Max LED Load
PV-(12/24)030	30W	12V or 24V	75%
PV-(12/24)060	60W	12V or 24V	75%
LV-(12/24)100	100W	12V or 24V	75%
LV-(12/24)150	150W	12V or 24V	75%
LV-(12/24)200	200W	12V or 24V	75%
LV-12250	250W	12V	75%
LV-12300	300W	12V	75%

### LBY INDOOR POWER SUPPLY



#### NON-WATERPROOF POWER SUPPLIES

Great performance for indoor applications

Durable power supply units.

Part No.	Power	DC Options	Max LED Load
JLV-12015K	15W	12V	75%
JLV-(12/24)60K	60W	12V or 24V	75%
JLV-(12/24)120K	120W	12V or 24V	75%
JLV-(12/24)150K	150W	12V or 24V	75%
JLV-(12/24)200K	200W	12V or 24V	75%
JLV-(12/24)240K	240W	12V or 24V	75%
JLV-(12/24)360K	360W	12V or 24V	75%



# LBY SLIMLINE INDOOR POWER SUPPLY



**NO SPACE? NO PROBLEM!**  
Slimline indoor power supplies  
for limited space and narrow displays.

Part No.	Power	DC Options	Max LED Load
CLA-100-(12/24)	100W	12V or 24V	75%
CLA-200-(12/24)	200W	12V or 24V	75%
CLA-300-(12/24)	300W	12V or 24V	75%

# MEANWELL XLG SERIES POWER SUPPLY



**CONSTANT CURRENT**  
and constant power design  
for superior performance.

Part No.	Power	DC Options	Max LED Load
XLG-75-(12/24)A	75W	12V or 24V	85%
XLG-100-(12/24)A	100W	12V or 24V	85%
XLG-150-(12/24)A	150W	12V or 24V	85%
XLG-200-(12/24)A	200W	12V or 24V	85%



# LED CONTROLLERS

## COLOUR CONTROLLERS

**LBY-CG03-RGB**



- RGBW control
- Touch sensitive remote

**LBY-CG04-RGB**



- Low Voltage controller
- Touch sensitive remote

**TOUCH-MB07 RGB**



- RGB & dimmer control
- Touch screen remote

## DIMMERS

**LBY-DT23**



- Single colour dimmer
- Button remote

**JM-T4**



- Single colour dimmer
- Dial on controller

**TOUCH-MB05**



- Single colour dimmer
- Touch screen remote

## DIGITAL CONTROLLERS

**KY000G-49-005**



- RGBW control
- WiFi / Bluetooth connection

**KY000G-49-015**



- RGB control
- WiFi / Bluetooth connection

**LBY-ST8**



- DMX control
- SD card slot

# ALUMINIUM PROFILES

Elevate your lighting design with our exquisite range of Aluminum Profiles for LED Strip lighting. These versatile profiles seamlessly integrate into floors, ceilings, tiles and walkways, providing a sophisticated touch to your space.

Our Aluminum Profiles offer attractive linear lighting and outlining, as well as providing heat management and a protective housing for LED strips. Their simplicity, practicality and elegance make them the perfect choice for your lighting needs.

## SURFACE MOUNTED



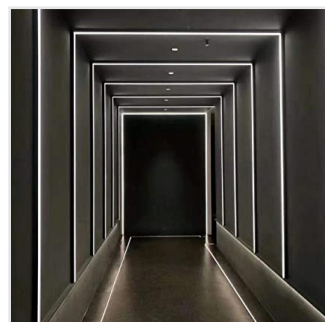
- 17.2 x 6.9mm
- Opal or black diffuser



- 15.5 x 15.5mm
- Opal or black diffuser



- 23 x 20mm
- Opal diffuser



## RECESSED



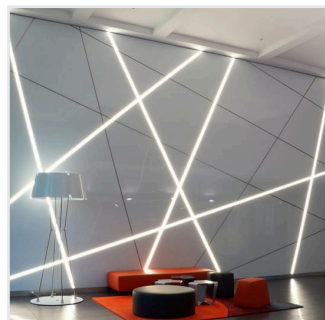
- 25.7 x 7mm
- Opal diffuser



- 64 x 34.7mm
- Opal diffuser



- 66.7 x 13.8mm
- Opal or black diffuser



## SUSPENDED



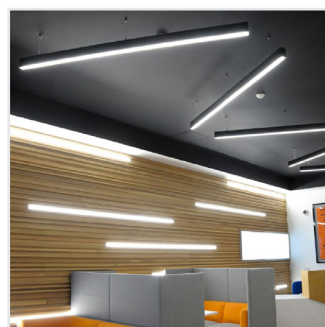
- 50 x 75mm (clip in tray)
- Opal diffuser



- 50 x 50mm
- Opal diffuser



- 50 x 34.7mm
- Opal diffuser





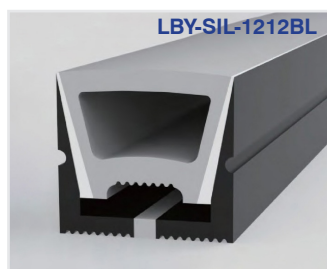
# SILICONE PROFILES

Innovate with our state-of-the-art Silicone Profiles for LED Strip lighting. Offering an abundance of options for your lighting designs with various shapes and sizes, these profiles can be recessed, surface mounted or suspended.

Our Silicone Profiles provide unparalleled flexibility, with a sleek and stunning finish.

Unleash your creativity and illuminate your space with style.

## BACK LIGHT



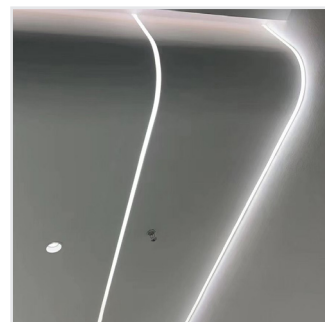
- 12 x 12mm black silicone top bend
- 120° light



- 20 x 14mm silicone top bend
- 120° light



- 16 x 16mm recess silicone top bend
- 120° light



## SIDE LIGHT



- 6 x 12mm silicone side bend
- 120° light



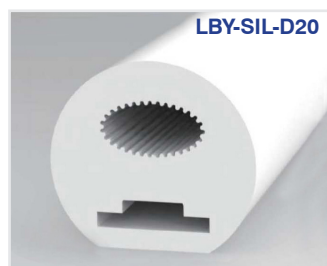
- 10 x 23mm silicone side bend
- 270° light



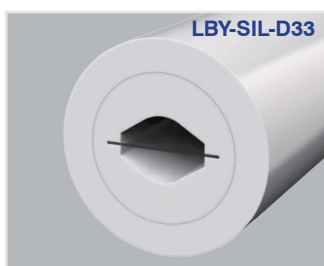
- 30 x 32mm silicone side bend
- 120° light



## ROUND & 360° LIGHT



- 20mm Ø
- 270° light top view



- 33mm Ø round white
- 360° light



- 40mm Ø round white
- 360° light







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