

BENEFITS OF LED LIGHTING

The benefits of LED lighting are becoming well known, and it's safe to say that LED light fittings will be the lighting source of choice in the future. Right now LED's are the fastest growing sector in lighting.



LONG LIFE

- Depending on the type, typical life for an LED can be up to 20yrs+ operation. (based on 8 hrs use per day)

LATEST TECHNOLOGY

- As industry leaders and innovators we pride ourselves on bringing you the latest and greatest technology advances.

ENERGY EFFICIENT

- LED's do not waste energy like other light sources. Typically LED's use around 1-3 watts instead of 35-50 watts.

SIMPLE INSTALLATION

- LED's often use fixed current, variable voltage LED drivers. This enables very long cable runs (often up to 1km) making their installation far easier than direct to mains lighting.

FIT AND FORGET

- LED's are low maintenance devices and require no servicing during their life.

COOL RUNNING

- LED fittings run cool to the touch, making them safe and are ideal for use in public areas.

ROBUST & SHOCK RESISTANT

- LEDs are solid state devices which have no filaments or glass tubes to break.

WATER AND VANDAL PROOF

- LEDs do not need to be changed as with fluorescent or filament lamps so there is no need for a lamp holder/fitting or the need to make the enclosure accessible for changing the lamp. This allows for a high IP rating, along with excellent anti-vandal ratings.

7 YEAR GUARANTEE

- Our LED items are built to last. We believe in them so much that we offer a massive 7 year guarantee on selected products.

SELV

- Safety Extra Low Voltage. LEDs can operate from a wide range of voltages to suit specific designs or available power supplies.

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LED LOGOS EXPLAINED



■ Wire in Series



■ Wire in Parallel



■ Wire straight to mains

RGBBox

■ Colour Change Controller

LED MODULES



LED MODULES

These compact modules offer a great opportunity to replace ordinary 50mm and 111mm lamps with professional high power LED. Separate LED driver required. Useful life in excess of 50,000 hours. All feature incorporated Heatsink for greater heat dissipation and run at a fraction of the cost of conventional lighting.

50MM (MR16) 3 x 1W

Part No.	Description	Code
LED-MD53S	3W alu. 10° spot light	3995
LED-MD53F	3W alu. 50° flood light	3995
LED-A1PP1M	1M Plug 'n' Play Extension & Connection Lead	7820

Suffix:
C/W = Cool White
W/W = Warm White
BLU = Blue

■ 1 - 3 per driver



50MM (MR16) 3 x 3W

Part No.	Description	Code
LED-MD59S	9W alu. 10° spot light	3995
LED-MD59F	9W alu. 50° flood light	3995
LED-A1PP1M	1M Plug 'n' Play Extension & Connection Lead	7820

Suffix:
C/W = Cool White
W/W = Warm White
BLU = Blue
N/W = Natural White

■ 1 - 3 per driver



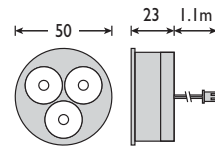
111MM (AR111) 7 X 3W

Part No.	Description	Code
LED-MD121S	21W alu. 10° spot light	4005
LED-MD121F	21W alu. 45° flood light	4005

Suffix:
C/W = Cool White
W/W = Warm White

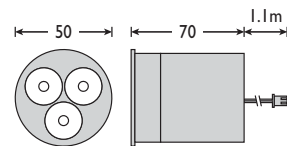
■ Supplied with LED driver

240



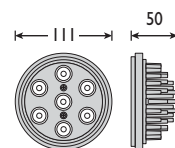
SPECIFICATION

- Aluminium construction
- Requires Plug 'n' Play connectors for wiring to driver
- Provides light output more than 35W GU10



SPECIFICATION

- Aluminium construction
- Requires Plug 'n' Play connectors for wiring to driver
- Provides light output more than 50W GU10 at more than 40 lumens per watt



SPECIFICATION

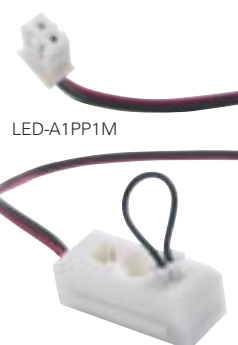
- Replaces AR111 lamps for cool touch long life display light
- Features 7 x 3W high power LEDs
- High colour render index

■ Bespoke LED-DLT cast tilt aluminium fittings available

IDEAL FOR

- Kitchens
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Cafe's
- Exhibition spaces
- Not suitable for fire rated downlighters (see pages 29 & 30)

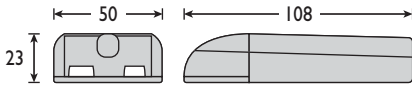
■ Series LED drivers see opposite





LED DRIVERS

A range of outstanding 350mA and 700mA LED drivers that provides comprehensive scope for installers of LED lights. They have been specifically designed and developed to work brilliantly with today's high power LED chips and to meet all types of installation practice.



SPECIFICATION

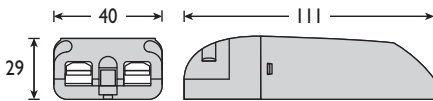
- Dim up to 16 Luxeon 1W LED's (2 series circuits of 8)
- Use with HFR 1-10v dimmers (Link up to 10 drivers per dimmer) (See pages 136-138)



DIMMING

Part No.	Description	Code
LED-DRSD3116	350mA dimming driver	7836

- Dimmable with 1-10v dimmer control



SPECIFICATION

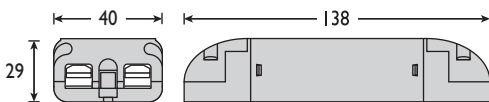
- Direct constant current LED driver
- Protected against: mains surge, short circuit, over-load and over-heating
- Mains loop in/loop out terminals



350mA

Part No.	Description	Code
LED-DRS319	350mA LED driver	7835
LED-DRS319PP	Plug 'n' Play driver	7835

- 350mA for up to 9 x 1W LED chips or 3 x 3W LEDs



SPECIFICATION

- Direct constant current LED driver
- Protected against: mains surge, short circuit, over-load and over-heating
- Mains loop in/loop out terminals



700mA

Part No.	Description	Code
LED-DRS739	700mA LED driver	7870

- 700mA for 3-9 LED chips

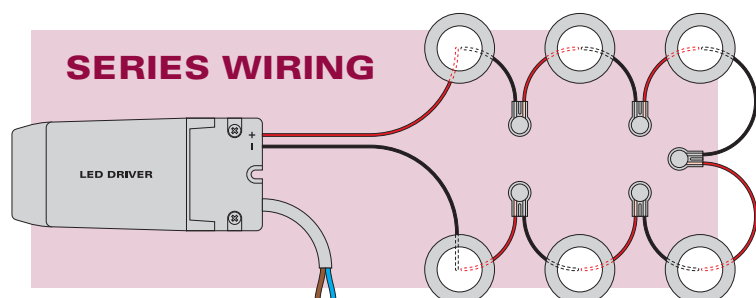


- IP20 as standard
- IP68 enclosures are available (see page 15)

WHY SERIES WIRING?

The highest light output LED chips available today, require a constant current and a variable voltage. This is only achievable with series wiring and the use of intelligent power supplies

SERIES WIRING



- Wiring Accessories see page 15



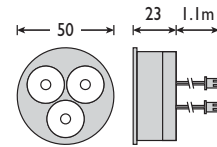
LED RGB MODULES

These compact modules offer a great opportunity to replace ordinary 50mm and 111mm lamps with professional high power LED to provide a different appearance by colour changing. Separate RGB driver and controller required. All feature incorporated Heatsink for greater dissipation. All are pre-wired and can be extended with multiple leads

50MM (MR16) 3 x 1W

Part No.	Description	Code
LED-MD53 RGB	3W alu. 50° flood light	3999
LED-A1RGB 1M	1M Extension Lead	4007

- Supplied with special RGBBox lead
- 1 - 9 per RGBBox



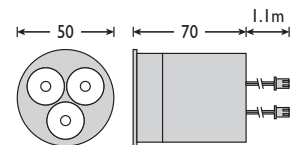
SPECIFICATION

- Aluminium construction
- Features 3 high power 1W LED of each colour (Red, Green, Blue)

50MM (MR16) 3 x 3W

Part No.	Description	Code
LED-MD59 RGB	9W alu. 50° flood light	3999
LED-A1RGB 1M	1M Extension Lead	4007

- Supplied with special RGBBox lead
- 1 - 2 per RGBBox



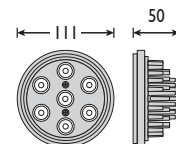
SPECIFICATION

- Aluminium construction
- Features 3 high power 3W RGB LEDs that change colour together

111MM (AR111) 5 X 2.7W

Part No.	Description	Code
LED-MD111 RGB	13.5W AR111 flood light	4008
LED-A111RGB 1M	1M Extension / Connection Lead	4007

- Standard RGBBox connection
- 1 per RGBBox



SPECIFICATION

- Replaces AR111 lamps for colour changing display light
- Features 5 high power 2.7W RGB LEDs that change colour together

- Bespoke LED-DLT cast tilt aluminium fittings available

IDEAL FOR

- Kitchens
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Cafe's
- Exhibition spaces

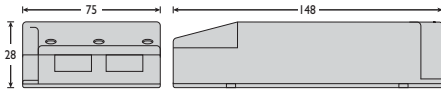
- RGB LED drivers see opposite





LED SERIES RGB & DMX CONTROL

Colour change LED lighting is no longer a complicated procedure with these two options of easy to use LED RGB driver and controllers.

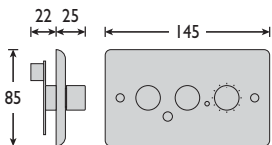


SPECIFICATION

- Each unit will power up to 9 RGB sets (27 LED in total)
- Supplied with standard RGBBox lead
- Stand alone cyclic RGB unit when wired to a retractive 'press' switch (see page 137)

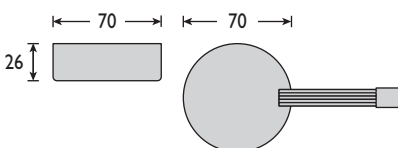
SPECIFICATION

- Control up to 10 RGBBox's
- Ongoing colour change and solid colours can be adjusted from this remote
- Solid colours can be further adjusted to a multitude of pastel shades
- Kit consists of remote with batteries, receiver eye and 35mm white downlight housing



SPECIFICATION

- Three simple rotating knobs control:
 1. Colour select
 2. Brightness/fade
 3. Colour change programs
- Integrated microphone for 'sound to light'
- Wired using Cat 5 cable (supplied)



SPECIFICATION

- Wall plate requires interface (32 max) to transcode DMX signal
- Maximum 10 RGBBoxes per interface



SERIES RGB DRIVER

Part No.	Description	Code
LED-RGBOX	Colour change driver	7834

- Link up to 10 units to control up to 90 3W RGB modules or 20 9W modules

INFRA RED REMOTE CONTROL KIT

Part No.	Description	Code
LED-RGB/IR2	Remote for RGBOX	7834

- Use in conjunction with RGBBox only

DMX RGB WALL PLATE

Part No.	Description	Code
LED-RGB/DMX2W	Wall mounted DMX controller	7834

- Use in conjunction with RGBBox and interface
- Control up to 1440 RGB sets from just one 2 gang wall plate
- Includes 2 gang 45mm deep back box
- Supplied with remote power supply

DMX INTERFACE

Part No.	Description	Code
LED-RGB/DMXI	DMX Interface	7834

- Use in conjunction with RGBBox and signal generating wall plate



LED DOWN LIGHTS

Style, function, elegance. This new LED down light range combines all three. The latest technology means this range can be used as part of a scheme as task lighting and/or decorative lighting. Plug and Play wiring ensures quick and easy installation.



IP21/65



1W MINI LED LIGHT

Part No.	Description	Code
LED-DLR1	1W mini 110° flood light	7823
LED-A1PP1M	1M Plug 'n' Play Extension & Connection Lead	7820

Suffix:
C/W = Cool White
W/W = Warm White
BLU = Blue
RED = Red
AMB = Amber
GRN = Green

■ 1 - 9 per Driver



1W MINI IP65 LED LIGHT

Part No.	Description	Code
LED-DLR1P	1W IP65 110° flood light	7826
LED-A1PP1M	1M Plug 'n' Play Extension & Connection Lead	7820

Suffix:
C/W = Cool White
W/W = Warm White
BLU = Blue
RED = Red
AMB = Amber
GRN = Green

■ 1 - 9 per Driver

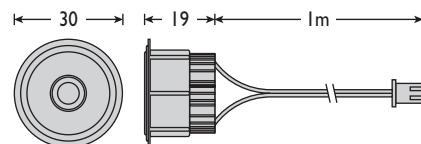


1W LED SURFACE LIGHT IP65

Part No.	Description	Code
LED-DLS1A	1W surface light IP65	7825
LED-A1PP1M	1M Plug 'n' Play Extension & Connection Lead	7820

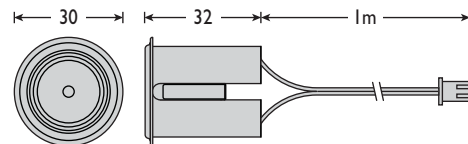
Suffix:
C/W = Cool White
W/W = Warm White

■ 1 - 9 per Driver



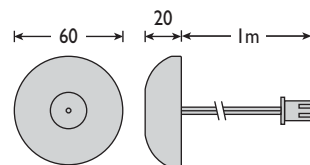
SPECIFICATION

- Spring clips for secure fitting
- Requires Plug 'n' Play connectors for wiring to driver
- 110° beam angle for wide spread of light



SPECIFICATION

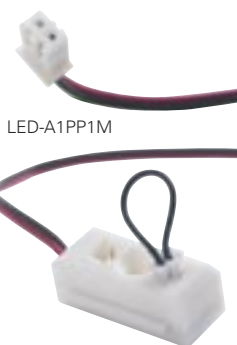
- Spring clips for secure fitting
- IP65 waterproof (not submersible)
- Requires Plug 'n' Play connectors for wiring to driver
- 110° beam angle for wide spread of light
- Threaded versions available



SPECIFICATION

- Aluminium construction
- IP65 waterproof (not submersible)
- Requires Plug 'n' Play connectors for wiring to driver
- 110° beam angle for wide spread of light

■ All run at a fraction of the cost of conventional lighting



IDEAL FOR

- Bathrooms
- Bedrooms
- Under cabinets
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs

■ Series LED drivers see page 7

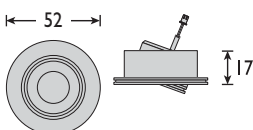


ADJUSTABLE LED DOWN LIGHTS



IP20

Style, function, elegance. This new aluminium LED down light range combines all three. The latest LED technology means this range can be used as part of a scheme as task lighting and/or decorative lighting. Plug and Play wiring ensures quick and easy installation. For many indoor applications.



MINI 1W TILT DOWNLIGHT

Part No.	Description	Code
LED-DLR1T	1W adjustable spot light	7841
LED-A1PP1M	1M Plug 'n' Play Extension / Connection Lead	7820

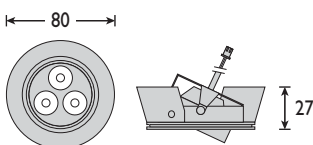
Suffix:
C/W = Cool White
W/W = Warm White

■ 1 - 9 per driver



SPECIFICATION

- Spring clips for secure fitting
- Plug 'n' Play connectors for easy wiring
- 15° beam angle, 20° tilt



MIDI 3W TILT DOWNLIGHT

Part No.	Description	Code
LED-DLR3T	3W adjustable spot light	7843
LED-A1PP1M	1M Plug 'n' Play Extension / Connection Lead	7820

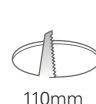
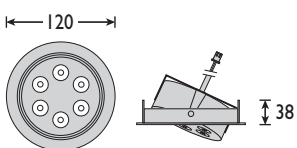
Suffix:
C/W = Cool White
W/W = Warm White

■ 1 - 3 per driver



SPECIFICATION

- Spring clips for secure fitting
- Plug 'n' Play connectors for easy wiring
- 15° beam angle, 20° tilt



MAXI 6W TILT DOWNLIGHT

Part No.	Description	Code
LED-DLR6T	6W adjustable spot light	7846
LED-A1PP1M	1M Plug 'n' Play Extension / Connection Lead	7820

Suffix:
C/W = Cool White
W/W = Warm White

■ 1 per driver



SPECIFICATION

- Spring clips for secure fitting
- Plug 'n' Play connectors for easy wiring
- 15° beam angle, 20° tilt

IDEAL FOR

- Kitchens
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Cafe's and Restaurants
- Exhibition spaces

■ Series LED drivers see page 7



EXTERIOR LED WALL LIGHTS

LED WALL LIGHTS

Create stunning visual effects with these high power professional LED wall lights, suitable for many open environments. Built to last 50,000 hours.



IP65/68

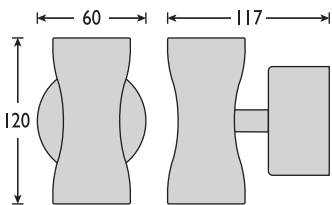


2 X 3W UP/DOWN LIGHT

Part No.	Description	Code
LED-WLUD6A C/W	6W alu. up/down light	7832
LED-WLUD6B C/W	6W black up/down light	7832

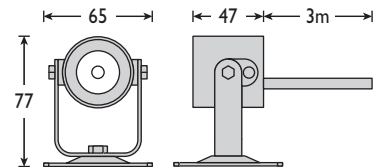
- Includes 4 spot and 2 flood LEDs

240V



SPECIFICATION

- 2 x spot LEDs beaming up and down your wall. The flood LED illuminates the surrounding area
- IP65
- Internal driver for direct to mains installation
- Top quality anodised aluminium finish



3W UNIVERSAL LIGHT

Part No.	Description	Code
LED-WLU3FA C/W	3W 700mA cool white	7830
LED-WLU3FA BLU	3W 700mA blue	7830

- 45° beam angle for wide spread of light
- Min 3 - Max 9 per driver



SPECIFICATION

- Stainless steel construction (316)
- IP68 (submersible to 1 metre)
- Fully adjustable to 360°
- 150 Lux @ 1 metre
- Requires 700mA series driver
- Wire 3 or more in series with IP68 JB2 (see page 15)

IDEAL FOR

- Water Features
- Bars, Pubs and Clubs
- Leisure Centres & Retail Areas
- Gardens
- Planters
- Signage

Series LED drivers see pages 7 & 15

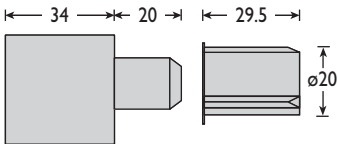
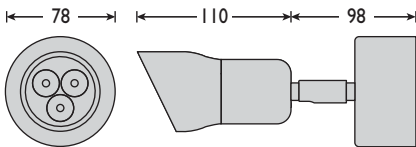


LED WALL LIGHTS

Create stunning visual effects with these high power professional LED wall lights. Suitable for many outdoor applications. Available in a range of stunning colours



IP65



SPECIFICATION

- 10° spot lens
- IP65
- Bespoke pre-wired wall-plug for easy installation
- 1 x 1W LED on single end of cube
- Available in direct to mains IP20 version



20mm

9W WALL FLOODLIGHT

Part No.	Description	Code
LED-WLS9FB C/W	9W 240v IP65 wall light	7833

- Incorporated anti-glare hood
- 3 x 3W LEDs
- 45° flood lenses
- Adjustable to 90°
- Top quality black anodised aluminium
- Internal driver for direct to mains installation

240V

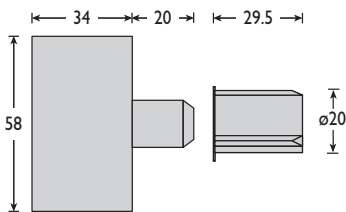
MINI CUBE WALL LIGHT

Part No.	Description	Code
LED-WLC1A	1W alu. LED cube	7831

Suffix:
C/W = Cool White
W/W = Warm White
BLU = Blue
RED = Red
AMB = Amber
GRN = Green

- Up or down lighting
- 1 - 9 per driver

SERIES WIRELESS 350mA



20mm

SPECIFICATION

- 10° spot lens
- IP65
- Bespoke pre-wired wall-plug for easy installation
- 2 x 1W LED on both ends of cube
- Available in direct to mains IP20 version (Natural White & Blue only)

DOUBLE MINI CUBE WALL LIGHT

Part No.	Description	Code
LED-WLC2A	2x1W alu. LED cube	7831

Suffix:
C/W = Cool White
W/W = Warm White
BLU = Blue
RED = Red
AMB = Amber
GRN = Green

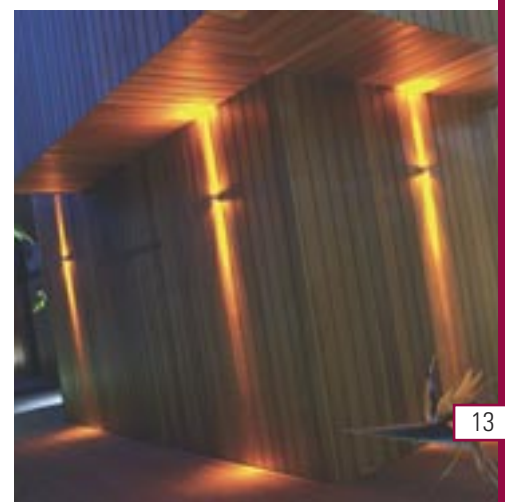
- Up and down lighting
- 1 - 4 per driver

SERIES WIRELESS 350mA

IDEAL FOR

- Contemporary Houses
- Bars, Pubs and Clubs
- Leisure Centres & Retail Areas
- Hotels
- Patio Areas
- Signage

■ Series LED drivers see pages 7 & 15



LED SPIKE LIGHTS



LED SPIKE LIGHTS

Made using the highest-grade materials, the Stratus LED spike lights are directional luminaires perfect for driveways, paths, decking and the illumination of buildings, statues and even the tallest trees.



IP54/65

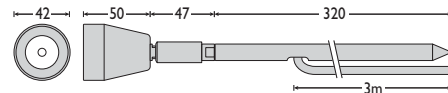
MINI 1W SPIKE LIGHT IP65

Part No.	Description	Code
LED-SPK1A	1W stainless steel spike light	7891

Suffix:

- C/W = Cool White
- W/W = Warm white
- BLU = Blue
- RED = Red
- AMB = Amber
- GRN = Green

■ 1 - 9 per driver



SPECIFICATION

- Brushed stainless steel (316) construction
- Angle head to 90°
- Flood beam angle 45°

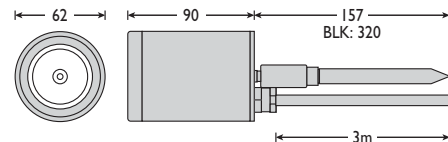
MIDI 3W SPIKE LIGHT IP54

Part No.	Description	Code
LED-SPK3SA	3W stainless steel 12° spot light	7893
LED-SPK3FA	3W stainless steel 50° flood light	7893
LED-SPK3SB	3W black 12° spot light	7893
LED-SPK3FB	3W black 50° flood light	7893

Suffix:

- C/W = Cool White
- W/W = Warm White
- BLU = Blue
- RGB = Colour Changing

■ 1 - 3 per driver



SPECIFICATION

- Brushed stainless steel (316) or black anodised aluminium construction
- Angle head to 90°

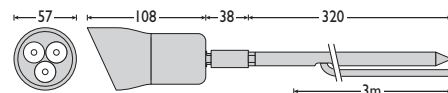
MAXI 9W SPIKE LIGHT IP65

Part No.	Description	Code
LED-SPK9SB	9W black 12° spot light	7899
LED-SPK9FB	9W black 50° flood light	7899

Suffix:

C/W = Cool White

■ 1 - 3 per driver



SPECIFICATION

- Black anodised aluminium construction
- Long spike for installation in even the softest ground
- Angle head to 90°
- Incorporated anti-glare hood



IDEAL FOR

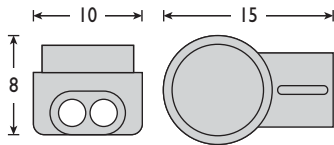
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Gardens
- Planters
- Signage

■ Series LED drivers see pages 7 & 15, RGB drivers see page 9



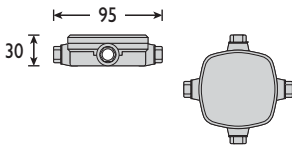
LED WIRING

A range of outstanding wiring accessories that provides comprehensive scope for installers of LED lights. They have been specifically designed and developed to work brilliantly with today's high power LED chips and to meet all types of installation practice.



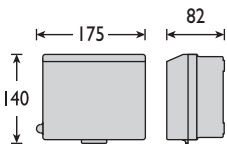
SPECIFICATION

- Push button wiring, no need to strip cables
- Uses 0.35mm² cable
- Not suitable for mains voltage



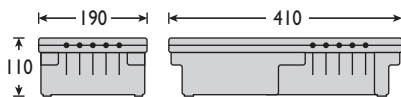
SPECIFICATION

- IP68 (Submersible to 2m)
- 1 input, 1-3 outputs
- May be connected to additional JB1/JB2's for wiring multiple fittings



SPECIFICATION

- Polycarbonate construction
- Snap locking lid with gaskets
- Corrosion resistant
- IP65



SPECIFICATION

- Polycarbonate construction
- Corrosion resistant
- Screw down lid with gaskets
- IP65

MINI CONNECTOR & CABLE

Part No.	Description	Code
LED-A1UY2	2 way 0.35mm	7821
LED-A1035BLK	0.35mm black teflon sheath*	7822
LED-A1035RED	0.35mm red teflon sheath*	7822
LED-A1PP 1M	1m Plug 'n' Play extension & connection lead	7820

* supplied on 100m drums

- Water-proof series wiring connector

JUNCTION BOXES

Part No.	Description	Code
LED-A2JB1P	Water-proof parallel junction box	2356
LED-A2JB2S	Water-proof series junction box	2356

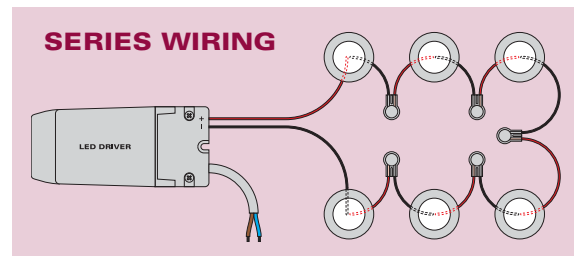
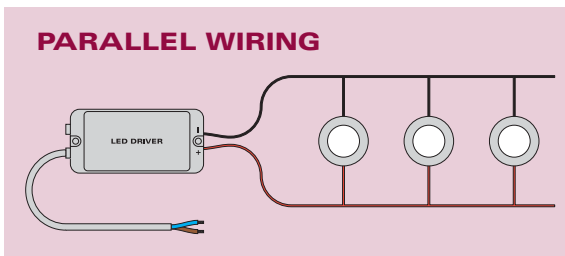
- Suitable for 2 core 0.75mm cable 6.5-8.5mm dia. rubber flex

MIDI WATER PROOF HOUSING

Part No.	Description	Code
LED-A3WPH1S	Water proof housing for single drivers	9983

MAXI WATER PROOF HOUSING

Part No.	Description	Code
LED-A3WPH2P	Water proof housing for multiple or larger drivers	9984



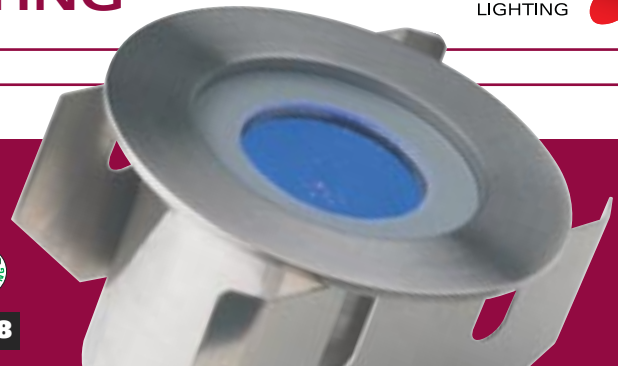
LED GROUND LIGHTS

MICRO / MINI / MIDI LED GROUND LIGHTS

Awesome LED power is the key here! These robust, stylish, top quality ground lights truly are a genuine alternative to traditional lights. Ideal for discreet lighting.



IP68



MICRO 1W GROUND LIGHT

Part No.	Description	Code
LED-GLR1S	1W 12° spot round	7850
LED-GLR1F	1W 45° flood round	7850
LED-GLQ1S	1W 12° spot square	7851
LED-GLQ1F	1W 45° flood square	7851
LED-GLT1S	1W 12° spot threaded	7850

Suffix: * available in round only

C/W = Cool White

W/W = Warm White*

BLU = Blue

RED = Red*

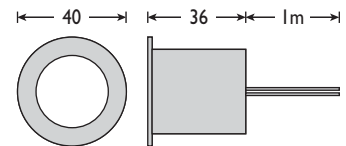
AMB = Amber*

GRN = Green*

■ 1 to 9 per driver  **350mA**



32mm



SPECIFICATION

- Stainless steel (316) construction
- IP68 (Submersible to 9m water)
- Toughened walkover glass
- Threaded panel mount versions available

MINI 1W GROUND LIGHT

Part No.	Description	Code
LED-GLR2F	1W 45° flood round	7852
LED-GLQ2F	1W 45° flood square	7853
LED-GLR2 SLVE	150x50mm dia. mounting sleeve	7860

Suffix: * available in round only

C/W = Cool White

W/W = Warm White*

BLU = Blue

RED = Red*

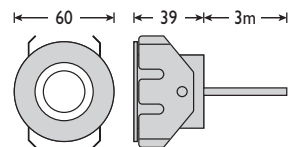
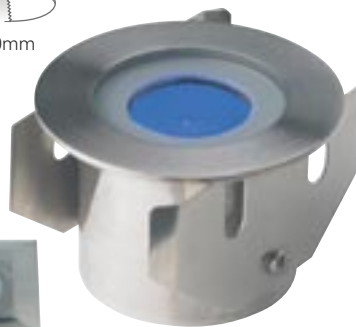
AMB = Amber*

GRN = Green*

■ 1 to 9 per driver  **350mA**



50mm



SPECIFICATION

- Stainless steel (316) construction
- IP68 (Submersible to 9m water)
- Toughened walkover glass
- Spring clips for secure fitting
- In ground mounting sleeve available

MIDI 3 X 1W GROUND LIGHT

Part No.	Description	Code
LED-GLR3S	3x1W 12° spot round	7854
LED-GLR3F	3x1W 45° flood round	7854
LED-GLQ3S*	3x1W 45° spot square	7855
LED-GLQ3F*	3x1W 45° flood square	7855
LED-GLR3 SLVE	150x65mm dia. mounting sleeve	7860

Suffix:

C/W = Cool White

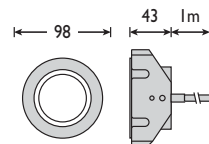
W/W = Warm White

*BLU = Blue (square not available)

■ 1 to 3 per driver  **350mA**



65mm



SPECIFICATION

- Stainless steel (316) construction
- Toughened walkover clear glass
- Spring clips for secure fitting
- Installation sleeve available for use when mounting in soil, sand or concrete
- IP68 (Submersible to 2m water)
- Features anti-syphoning technology to reduce water ingress through cable

IDEAL FOR

- Gardens
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Decking
- Hotels

■ Series LED drivers see pages 7 & 15

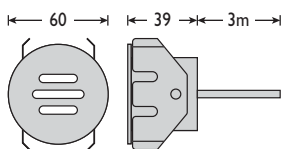




IP68

MINI / MIDI LED GROUND LIGHTS

Awesome LED power is the key here! These robust, stylish, top quality ground lights truly are a genuine alternative to traditional lights even where large light outputs are required.



SPECIFICATION

- Stainless steel (316) construction
- 30° asymmetrical slot lens
- Spring clips for secure fitting
- IP68 (Submersible to 9m water)



50mm

30° MINI SLOTTED GROUND LIGHT

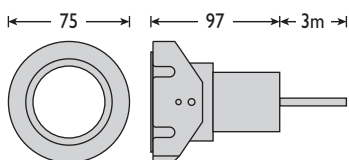
Part No.	Description	Code
LED-GLS130	1W 30° slot light	7852

Suffix:

C/W = Cool White

BLU = Blue

- 1 to 9 per driver



SPECIFICATION

- Stainless steel (316) construction
- Toughened walkover glass
- Spring clips for secure fitting
- Installation sleeve available for use when mounting in soil, sand or concrete
- IP68 (Submersible to 2m water)



65mm

MIDI 3 X 3W GROUND LIGHT

Part No.	Description	Code
LED-GLR9S	3 x 3W 12° spot light	7856
LED-GLR9F	3 x 3W 50° flood light	7856
LED-GLR3 SLVE	150 x 65 dia. mounting sleeve	7860

Suffix:

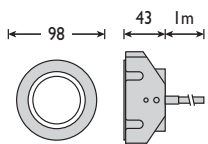
C/W = Cool White

N/W = Natural White

WW = Warm White

BLU = Blue

- 1 - 3 per driver



SPECIFICATION

- Stainless steel (316) construction
- Toughened walkover frosted glass
- Spring clips for secure fitting
- Installation sleeve available for use when mounting in soil, sand or concrete
- IP68 (Submersible to 2m water)
- Features anti-syphoning technology to reduce water ingress through cable



65mm

MIDI 3 X 1W DIFFUSED GROUND LIGHT

Part No.	Description	Code
LED-GLR3D	3 x 1W diffused glass round	7854
LED-GLQ3D	3 x 1W diffused glass square	7855
LED-GLR3 SLVE	150 x 65 dia. mounting sleeve	7860

Suffix:

C/W = Cool White

WW = Warm White

BLU = Blue

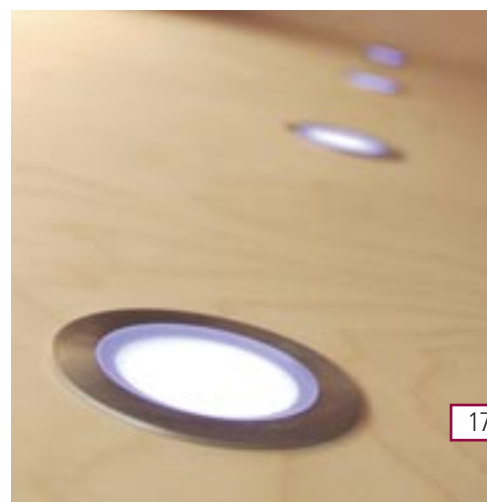
- 1 to 3 per driver



IDEAL FOR

- Toilets & Bathrooms
- Patios
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Decking
- Paths & Drives

■ Series LED drivers see pages 7 & 15



LED COLOUR CHANGING GROUND LIGHTS

LED RGB GROUND LIGHTS

Colour changing ground lights.
Ideal for setting the ambience.
Create stunning visual effects.



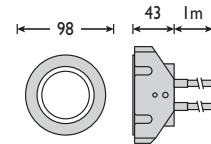
IP67/68



MIDI 7W RGB DIFFUSED GROUND LIGHT

Part No.	Description	Code
LED-GLR3D RGB	7W colour changing	7859
LED-GLR3 SLVE	150 x 65 dia. mounting sleeve	7860

- Ideal for marker lighting
- 4 per RGBBox



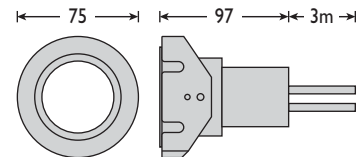
SPECIFICATION

- Stainless steel (316) construction
- Toughened walkover glass
- Spring clips for secure fitting
- Supplied with 2x 1m 4-core PVC cable
- IP68 (Submersible to 2m water)

MIDI 3 X 3W RGB GROUND LIGHT

Part No.	Description	Code
LED-GLR9 RGB	9W colour changing	7859
LED-GLR3 SLVE	150 x 65 dia. mounting sleeve	7860

- Bright light output
- 2 per RGBBox



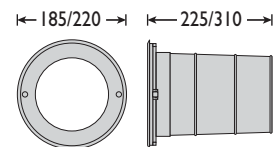
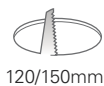
SPECIFICATION

- Stainless steel (316) construction
- Toughened walkover glass
- Spring clips for secure fitting
- IP68 (Submersible to 2m water)

MAXI SINGLE & TWIN DIRECTIONAL 9W RGB GROUND LIGHT

Part No.	Description	Code
LED-GLD9 RGB	1x9W 185mm Dia. RGB maxi	7859
LED-GLD99 RGB	2x9W 220mm Dia. RGB maxi	7859

- Huge light output
- 1 - 2 per RGBBox



SPECIFICATION

- Stainless steel (316) construction (cover ring)
- Toughened drive-over glass
- Includes installation sleeve for sturdy and easy installation into a variety of environments
- IP67



IDEAL FOR

- Leisure Centres & Retail Areas
- Universities, Schools and Colleges
- Bars, Pubs and Clubs
- Driveways
- Hotels

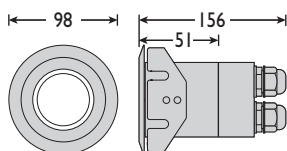
■ RGB LED drivers see pages 9 & 15



IP67

240V MIDI / MAXI LED GROUND LIGHTS

Awesome LED power is the key here! These robust, stylish, top quality ground lights truly are a genuine alternative to traditional lights even where large light outputs are required. No external drivers required



SPECIFICATION

- Stainless steel (316) construction
- Supplied with clear and diffused glass options
- Hooded version is supplied with clear glass only and is only 51mm deep to allow for mounting in walls
- Internal driver for direct to mains installation



MIDI 3 X 1W HOODED GROUND LIGHT

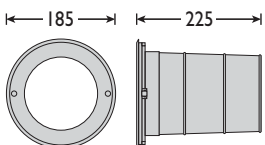
Part No.	Description	Code
LED-GLM3S	3 x 1W 15° spot clear/diffused	7857
LED-GLM3SF	3 x 1W 50° flood clear/diffused	7857
LED-GLM3FH	3 x 1W 50° flood hooded	7857

Suffix:

C/W = Cool White
W/W = Warm White
BLU = Blue
(Hooded version Cool White only)

■ IP67

240V



SPECIFICATION

- Stainless steel (316) construction (cover ring)
- Toughened drive-over glass
- Includes installation sleeve for sturdy and easy installation into a variety of environments
- Internal driver for direct to mains installation



MAXI 9W DIRECTIONAL DRIVEOVER

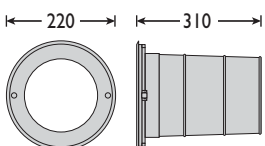
Part No.	Description	Code
LED-GLD9S	9W 12° spot light	7858
LED-GLD9F	9W 50° flood light	7858

Suffix:

C/W = Cool White
N/W = Natural White
W/W = Warm White
BLU = Blue

■ IP67

240V



SPECIFICATION

- Stainless steel (316) construction (cover ring)
- Toughened drive-over glass
- Includes installation sleeve for sturdy and easy installation into a variety of environments
- Internal driver for direct to mains installation



MAXI 2 X 9W TWIN DIRECTIONAL DRIVEOVER

Part No.	Description	Code
LED-GLD99S	18W 12° spot light	7858
LED-GLD99F	18W 50° flood light	7858

Suffix:

C/W = Cool White
N/W = Natural White
W/W = Warm White
BLU = Blue

■ IP67

240V

IDEAL FOR

- Leisure Centres & Retail Areas
- Universities, Schools and Colleges
- Bars, Pubs and Clubs
- Driveways
- Decking and Patios
- Hotels

■ No external drivers required



LARGE SCALE LED EFFECT

POWERFUL FLOOD BAR

Slick and modern in design, along with the use of only the highest quality materials, ensures the Stratus flood bar is the choice of the lighting connoisseur. The ultimate in floodlighting.



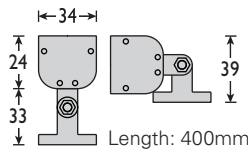
IP65



ASYMMETRIC BEAM ANGLE

Part No.	Description	Code
LED-FB418A C/W	18W 25° & 6° light bar	7895

- 25° and 6° asymmetric light pattern for intense highlighting & high level wall washing



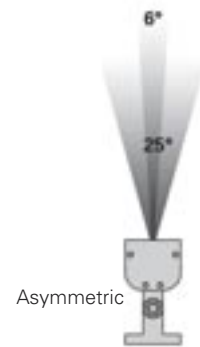
SPECIFICATION

- IP65 aluminium construction
- Rotatable to 180°
- Adjustable legs can be used underneath and on the sides
- 1 Stratus 700mA driver per bar (8 chips)
- Cool white high power luxeon rebel chips

FLOOD BEAM ANGLE

Part No.	Description	Code
LED-FB418F C/W	18W 45° light bar	7895

- 45° light pattern for general floodlighting & medium level wall washing



Asymmetric

WIDE BEAM ANGLE

Part No.	Description	Code
LED-FB418W C/W	18W 110° light bar	7895

- 110° light pattern low level wall washing



Flood



Wide



Removable legs can be used anywhere along the base or...



...anywhere along the sides.

IDEAL FOR

- Grand Design's
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Exhibition spaces
- Building Facades
- Signage

■ Series LED drivers see pages 7 & 15



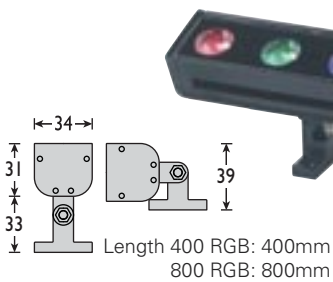
IP65

RGB FLOOD BAR

Slick and modern in design, along with the use of only the highest quality materials, ensures the colour change flood bar is the choice of the lighting connoisseur. The ultimate in outdoor effect lighting

SPECIFICATION

- IP65 aluminium construction
- Rotatable to 180°
- Adjustable legs can be used underneath and on the sides



ASYMMETRIC BEAM ANGLE

Part No.	Description	Code
LED-FB412A RGB	12W 25° and 6° 400mm	7896
LED-FB824A RGB	24W 25° and 6° 800mm	7896

- 25° and 6° asymmetric light pattern for intense highlighting & high level wall washing
- 1 RGBBox per bar



FLOOD BEAM ANGLE

Part No.	Description	Code
LED-FB412F RGB	12W 45° 400mm	7896
LED-FB824F RGB	24W 45° 800mm	7896

- 45° light pattern for general floodlighting & medium level wall washing
- 1 RGBBox per bar



WIDE BEAM ANGLE

Part No.	Description	Code
LED-FB412W RGB	12W 110° 400mm	7896
LED-FB824W RGB	24W 110° 800mm	7896

- 110° light pattern for low level wall washing
- 1 RGBBox per bar



IDEAL FOR

- Grand Design's
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Exhibition spaces
- Building Facades
- Signage

■ RGB LED drivers see pages 9 & 15



LED IP66 STRIP LIGHTING

24V LED IP STRIP

Stair edging, bar edging, floor marking and wall enhancing. LED IP STRIP can do it all. Hard wearing and suitable for indoor and outdoor applications, this flexible light strip really is the solution.



IP66

IP66 STRIP

Part No.	Description	Code
LED-ST6IP CW	Cool white waterproof strip*	3935
LED-ST6IP W/W	Warm white waterproof strip*	3935
LED-ST6IP BLU	Blue waterproof strip*	3930
LED-ST6IP GRN	Green waterproof strip*	3931
LED-ST6IP AMB	Amber waterproof strip**	3933
LED-ST6IP RED	Red waterproof strip**	3934

- * Clean cut point every 167mm, 3.6w/m
- ** Clean cut point every 278mm, 2.3w/m



SPECIFICATION

- Supplied by the metre
- Flexible and waterproof
- 24v DC driver required
- Use with many available accessories including stair, wall and floor nosings

MOUNTING ACCESSORIES

Part No.	Description	Code
LED-ST6U20 CLR	20mm clear self adhesive U profile	3941
LED-ST6FLT	40mm wide x 10mm overhang raised flat aluminium profile	3941
LED-ST6STP	62mm wide x 35mm step corner aluminium profile	3941

Suffix:
BLK = Black
ALM = Silver

- Supplied by the metre

CONNECTING ACCESSORIES

Part No.	Description	Code
LED-ST64 CON	0.45m driver connection lead	3940
LED-ST65 CON	5m driver connection lead	3940
LED-ST62EXT 2M	1.85m male/female extension lead	

- Self wire plugs and solid connector joints also available



Flat Profile



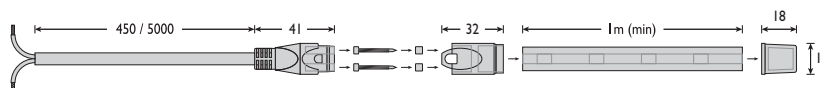
Step Profile



U Profile

Max length of LED IP Strip per power supply

DRIVER	WH, BLU, GRN	AMB, RED
10W	2m	4m
20W	5m	8m
100W	27m	43m
200W	50m	56m



IDEAL FOR

- Stairs
- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs

■ NOTE: LED Strip is non-returnable

■ 24v parallel LED drivers see page 24



24V LED STRIP

Flexible LED strip, with its self adhesive backing is great for fast installations into signs, displays and pelmets. Suitable for use indoors and protected areas. Ideal for that subtle hidden lighting look.



SPECIFICATION

- 10mm wide, LED every 20mm
- Clean cut point every 100mm
- Self adhesive backing
- Power consumption:
WHI - 6W per metre
BLU - 5W per metre
- Foil backed flexible PCB dissipates heat from LED (improves LED life and colour stability)

SPECIFICATION

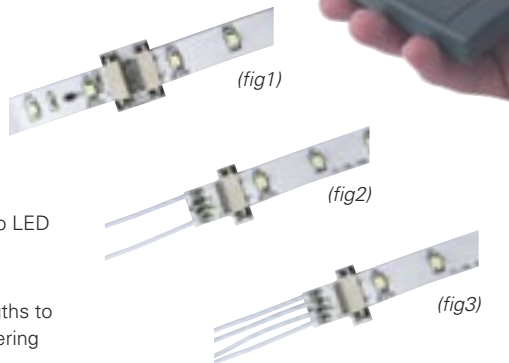
- 12mm wide, RGB LED every 20mm
- Clean cut point every 125mm
- Maximum run length 12m from driver
- Self adhesive backing
- Power consumption: 10W per metre
- Foil backed flexible PCB dissipates heat from LED (improves LED life and colour stability)

SPECIFICATION

- On going colour change, brightness and solid colours can be adjusted from this remote
- Receiving eye can be extended up to 7m

SPECIFICATION

- LED-ST202IC (fig1)
Allows quick connection of 2 LED STRIP RGB and single colour lengths on clean cut point without soldering
- LED-ST202PSOL (fig2)
Allows connection of LED STRIP lengths to LED driver on clean cut point without soldering
- LED-ST204PRGB (fig3)
Allows connection of LED STRIP RGB lengths to LED driver on clean cut point without soldering



SINGLE SOLID COLOUR

Part No.	Description	Code
LED-ST20 C/W	Cool white self adhesive strip	3935
LED-ST20 W/W	Warm white self adhesive strip	3935
LED-ST20 BLU	Blue self adhesive strip	3930



COLOUR CHANGE

Part No.	Description	Code
LED-ST20 RGB	Self adhesive flexible strip	3939

- Requires only driver and IR3 kit



RGB REMOTE CONTROL KIT

Part No.	Description	Code
LED-RGB/IR3	Remote for RGB strip	7836

- Receiver eye wires directly to 24v driver

LED STRIP CONNECTORS

Part No.	Description	Code
LED-ST202IC	Solid & RGB inter connector	3940
LED-ST202PSOL	1 colour power connector	3940
LED-ST204PRGB	RGB power connector	3940

- Quick connectors, no need for soldering

IDEAL FOR

- Leisure Centres & Retail Areas
- Bars, Pubs and Clubs
- Exhibition areas and stands
- Stairs and hallways
- NOTE: LED Strip is non-returnable

■ 24v parallel LED drivers see page 24

Max length of LED strip per 24v driver

PWR SUPPLY	WH	BLU	RGB
10W	1.5m	2m	1m
20W	3m	4m	2m
100W	16.5m	20m	10m
200W	33m	40m	N/A

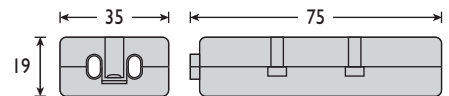
24V LED DRIVERS

A range of outstanding 24v LED drivers that provides comprehensive scope for installers of LED lights. They have been specifically designed and developed to work in conjunction with our range of LED strips for optimum performance.



10W PARALLEL DRIVER

Part No.	Description	Code
LED-DRP2410W	10W, 24V led driver	7824



SPECIFICATION

- Independent LED driver

20W DIMMABLE PARALLEL DRIVER

Part No.	Description	Code
LED-DRP2420D	20W, 24V led driver	7824



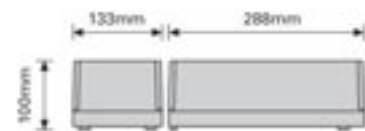
SPECIFICATION

- Independent dimming LED driver
- Can be used with switch on full power

- Use with 1-10v HFR dimmers (see pages 136-138)

100W PARALLEL DRIVER

Part No.	Description	Code
LED-DRP24100W	100W, 24V led driver - IP20	7824
LED-DRP24100IP	100W, 24V led driver - IP65	7824

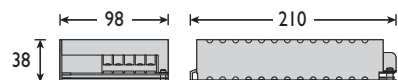


SPECIFICATION

- Independent LED driver
- Consists of same basic driver in 2 different enclosures

200W PARALLEL DRIVER

Part No.	Description	Code
LED-DRP24200W	200W, 24V led driver	7824



SPECIFICATION

- Independent LED driver
- Incorporated cooling fan

- Must be enclosed in ventilated lockable enclosure



Max length of IP Strip per power supply

DRIVER	WH, BLU, GRE	AMB, RED
10W	2m	4m
20W	5m	8m
100W	27m	43m
200W	50m	56m

Max length of LED strip per 24 driver

PWR SUPPLY	WH	BLU	RGB
10W	1.5m	2m	1m
20W	3m	4m	2m
100W	16.5m	20m	10m
200W	33m	40m	N/A