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THE COMPLETE

LED LIGHTING SOLUTIONS GUIDE

LED Quick Reference Guide

Use this tool to select suitable products for your application - at a glance

KEY: ★ Suitable Product
★ Ideal Product

PRODUCT SOLUTION OPTIONS

		MR16 SP Page 1	MR16 HP Page 1	MR16 STAR Page 2	SLIM BAR Page 3	LED TAPE Page 4	GU10 Page 5	PAR30 Page 6	P45 LUSTRE Page 7	DOWNLIGHT Page 8	RGB FLOODBAR Page 9	RGB FLOODLIGHT Page 10	AQUA-LED Page 11	LIGHT FITTINGS Page 12	OASIS BARS Page 13-14	i-STORM SERIES Page 17
APPLICATION	INTERIOR	Halogen Replacement	★	★			★	★		★		★				
		Accent & Spotlighting	★	★	★	★	★	★		★						
		Coloured Spotlights	★	★	★			★		★						
		Interactive Colour-Changing	★	★	★	★	★		★		★	★				
		Under Cabinet	★	★	★	★	★									
		Pelmet Uplighting	★	★	★	★	★				★					
		Display Lighting	★	★	★	★	★	★		★	★	★	★			
	BOTH	Plant Growth													★	
		Portable Work Lighting														★
	EXTERIOR	Pathway Illumination	★	★	★						★	★		★		★
		Pond & Pool Lighting	★	★	★						★		★	★		
		Building Illumination							★		★	★	★	★		★
		Garden Highlighting	★	★	★				★		★	★	★	★		
		Festive Lighting							★		★	★				

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WELCOME TO THE LIGHTING REVOLUTION

LED lighting has evolved and developed rapidly since Marexim launched its very first LED products, over 4 years ago. Huge investment into newer areas of the technology has seen Marexim now launch a suite of LED product which can truly replace existing halogen types. In addition, Marexim LED products are able to produce incredible effects, the likes of which could never have been achieved using conventional forms of lighting. Many false claims have been made by firms about underperforming LED products in the past, causing confusion and disappointment. Don't be disillusioned by this, as Marexim products genuinely deliver- if we state "direct replacement" then it is!

The helpful support team at Marexim are experienced in being able to help you make the correct choices in LED product selection. Whether it be by the effect you wish to create, the money you wish to save, or simply the results you wish to achieve based upon a budget, we are here to help.

The benefits of utilising new LED technology, and selecting products from the Marexim range include:-

- ✓ **No Heat.** Essential for heat-sensitive installations. Power bills are also cut, as a result of the decreased load on air conditioning systems.
- ✓ **Lower Power Use.** Reduce your power bills, or use DC-operable lamps to replace high wattage lamps in battery systems such as boats.
- ✓ **Incredible Long Life.** Eliminate constant maintenance and lamp changes. Fit and forget!
- ✓ **Incredible Effects.** Not achievable by using any other light source.
- ✓ **Reducing Environmental Impact.** Less power used means less money spent, and also less generation being required at source. Reduce your company's carbon footprint by switching to sustainable lighting technology from the Marexim range. Up to 25 times longer lasting also means a huge reduction in lamps dumped in landfills.

Use this guide to do just that; Guide yourself or your customer through the huge choice to find the right products for the **right application- no compromises!**

If unsure of what product to use for your application, refer to the "Quick Reference Guide" or phone the Marexim team for help.

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MR16 LED 50mm Diameter



Introduction

The halogen MR16 lamp, commonly referred to as a "dichroic" has been in use for over 30 years. Originally designed for use in slide projectors, the halogen MR16 has since been used extensively in accent lighting and is also commonplace in many commercial and residential properties.

The Marexim XLEDs series has been designed to directly replace hot, inefficient and short-life halogen MR16s. This provides huge savings in electricity, maintenance and replacement costs.

FEATURES

- 50,000 hour life
- High light output (halogen equivalent)
- Same physical dimensions as halogen
- Narrow or wide beam options
- Natural halogen colour option

BENEFITS

- Low electricity costs to user
- Low Temperature
- Direct replacement for easy installation
- Eliminates maintenance & reduces costs
- No UV - Will not fade expensive artifacts

TYPICAL APPLICATIONS

- Hotels, bars and restaurants
- High (inaccessible) atriums
- Malls and shopping precincts
- Heat-sensitive ceiling voids
- Commercial buildings & businesses
- Homes



Available Colours:



Order Code	Power W	Colour Temp K	Lumens lm	Illuminance Lux	Beam Angle °
Standard Performance					
LED-MR16-SP-WW	3	3300	60	150	30
LED-MR16-SP-CW	3	5500	60	150	30
LED-MR16-SP-(COLOUR)	3	MULTI	60	150	30
High Performance					
LED-MR16-HP-WW	6	3300	260	550	30
LED-MR16-HP-CW	6	5500	280	550	30
LED-MR16FL-HP-WW	6	3300	260	400	55
LED-MR16FL-HP-CW	6	5500	280	400	55
LED-MR16-HP-(COLOUR)	6	MULTI	-	MULTI	30

MR16 LED COLOUR STAR

Introduction

The Marexim "LED Colour Star" series of MR16 lamps offer a unique ability for the user to completely change the mood and colour of an area simply at the touch of a button! By using the infra red remote control, entire lighting schemes can be changed with 16 different colours and many more colour-changing "modes"! The professional model can be linked with up to 400 lamps, and simultaneously controlled by the RGB synchronising controller unit, featured on page 16.

FEATURES

- Single high-performance RGB LED
- 16 different colours; 4 different modes
- Professional model controls up to 400 lamps
- Same dimensions as standard MR16
- Long lamp life - 30,000 hours

BENEFITS

- Very low electricity costs
- Easy to install; direct retro-fit
- Easy to achieve fantastic effects
- Changes whole colour schemes at the press of a button
- Extremely versatile

TYPICAL APPLICATIONS

- Hotels, bars, restaurants, commercial and residential
- Outdoor gardens and ponds (with appropriate fitting)
- Party Rooms and multi-use rooms
- Any installation where easy-to-control coloured lighting is required



Order Code	Power W	Lumens lm	Illuminance Lux	Beam Angle °
Standard Model				
LED-MR16STAR-RGB	5	80	150	38
Professional Model				
LED-MR16STAR-RGBPRO	5	107	220	24
Remote Control				
LED-STAR-REMOTE	N/A	N/A	N/A	22

ACCESSORIES:- Synchronising RGB Control Unit (See page 16)
Outdoor & underwater fittings (See page 12)

LINEAR LED SLIM-BAR (12V & 24V)



50,000HR

Available Colours:



Order Code	Voltage V	Power W	Colour Temp K	Lumens Lm	Beam Angle °
LED-SBAR-320MM-WW	12	5	3300	210	100
LED-SBAR-320MM-CW	12	5	5500	210	100
LED-SBAR-320MM-RGB	24	3	MULTI	210	100
LED-SBAR-620MM-WW	12	10	3300	420	100
LED-SBAR-620MM-CW	12	10	5500	420	100
LED-SBAR-620MM-RGB	24	6	MULTI	420	100
LED-SBAR-920MM-WW	12	15	3300	630	100
LED-SBAR-920MM-CW	12	15	5500	630	100
LED-SBAR-920MM-RGB	24	9	MULTI	630	100
LED-SBAR-1220MM-WW	12	19	3300	840	100
LED-SBAR-1220MM-CW	12	19	5500	840	100
LED-SBAR-1220MM-RGB	24	12	MULTI	840	100

ACCESSORIES: - See 12V & 24V LED Drivers (page 15)
SBAR Colour-Controller Unit (page 16)

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LED TAPE (12V)

Introduction

The Marexim LED Tape system provides bright, consistent illumination in the most confined of spaces. Utilising the very latest high-output surface-mount LEDs, this flat-profile tape is installed by simply removing the backing, and sticking to the target surface. Cut and join different colours easily to create stunning effects. No glues, no mess, no fuss! Available in either standard or professional versions, this product has a huge range of possible applications.

FEATURES

- Very long life - up to 100,000 hours
- Strong "3M" self-adhesive backing
- Two models to choose from
- Regular cut-off points
- Very thin profile

BENEFITS

- Simple to install - cut and stick
- Safe - 12V & very low temperature
- Stunning effects easily achieved
- Zero Maintenance
- Low power consumption = Low power cost

TYPICAL APPLICATIONS

- Display Cases
- Sign/bar/counter illumination
- Recess and pelmet lighting
- Floating vanities and cupboards
- 12V DC leisure craft



100,000HR

Available Colours:



Order Code	Voltage V	Reel Length	Power W	Rated Life (hours)	Lumens lm	Beam Angle °
Standard Version						
LED-TAPE-(COLOUR)	12	6m	3W per m	100,000	120 per m	120
			18W per reel		720 per reel	
Professional Version						
LED-TAPE-PRO-(COLOUR)	12	3m	12W per m	50,000	360 per m	120
			36W per reel		1,080 per reel	

ACCESSORIES:- 12V DC Drivers (see page 15)

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PAR16 LED GU10 51mm Diameter



Introduction

Following the success of the 12V MR16, the PAR16 was created with the GU10 base. The world's first mains voltage halogen spotlight no longer required the use of a transformer, making it extremely popular with many luminaire manufacturers and installers.

With a reputation for relatively poor life and high heat output, halogen GU10s in certain applications can now be replaced directly by the Marexim LED range. Ideal for use in accent lighting & outdoor fittings. Coloured effects are very easily achieved by simply replacing existing lamps. RGB models change through different colours.

FEATURES

- 30,000 hour life
- Same physical dimensions as halogen
- Different colour options
- Colour-changing options available
- Different light output models

BENEFITS

- Low electricity costs to user
- Low Temperature - safety
- Direct replacement for easy installation
- Eliminates maintenance & reduces costs
- No UV - Will not fade expensive artifacts

TYPICAL APPLICATIONS

- Commercial and residential
- Hotels, bars and restaurants
- High atriums or fixed groundlights
- Mall/shopping precincts
- Heat-sensitive ceiling voids
- Gardens & outdoor areas



Available Colours: WW CW R G B RGB

240V NO UV CE 50,000HR

Order Code	Power W	Colour Temp K	Illuminance Lux	Beam Angle °
Standard Model				
LED-GU10-SP-WHI	1.8	5500	180	16
LED-GU10-SP-(COLOUR)	1.8	MULTI	MULTI	16
Special FX Model				
LED-GU10-SP-RGB	1.8	MULTI	N/A	16
LED-GU10-SP-UV	1.8	UV/BLB	N/A	16
High Performance Model				
LED-GU10-HP-WHI	3	5500	330	24
LED-GU10-HP-(COLOUR)	3	MULTI	MULTI	24

PAR30 LED 95mm Diameter

Introduction

Another halogen-replacement lamp from the Marexim X-LEDS series, the PAR30 is used in areas requiring high levels of light. It can be used in a recessed downlight fitting (see page 18) or retro-fitted into existing halogen PAR30 or incandescent R95 luminaires. Delivers huge light output, comparable to existing halogen PAR lamps.



FEATURES

- 50,000 hour life
- Halogen-equivalent light output
- Narrow or wide-beam options
- Natural halogen or daylight colour options

BENEFITS

- Huge reductions in power costs
- Huge savings on costly maintenance
- Low temperature - more savings on air conditioning
- Easy installation - straight replacement
- No UV - will not fade expensive artifacts

TYPICAL APPLICATIONS

- Museums
- Hotels, theatre & exhibition hall foyers
- High atrium ceilings
- Malls & shopping precincts
- Display areas in shops
- Kitchens and bathrooms
- General lighting

240V E27 NO UV CE 50,000HR



Order Code	Power W	Colour Temp K	Lumens lm	Illuminance Lux	Beam Angle °
LED-PAR30-HP-WW	22	3300	660	1500	30
LED-PAR30FL-HP-WW	22	3300	750	1000	55
LED-PAR30-HP-CW	22	5500	660	1500	30
LED-PAR30FL-HP-CW	22	5500	750	1000	55
LED-PAR30-HP-RED	14	RED	660	1500	30
LED-PAR30-HP-GRE	22	GREEN	660	1500	30
LED-PAR30-HP-BLU	22	BLUE	660	1500	30
LED-PAR30-HP-YEL	14	YELLOW	600	1500	30

ACCESSORIES:- Recessed Downlight Fittings (See page 18)

P45 LED LUSTRE 45mm Diameter



Introduction

Available in two different models, the P45 LED replacement series caters for many applications and budgets. It is a direct replacement for existing lustre lamps in decorative and supplementary lighting schemes. Fully sealed and waterproof for use outdoors, this fit-and-forget range are a fantastic solution for unreliable filament lamps in outdoor festoons. Huge savings on power and greatly reduced maintenance can be instantly achieved.

FEATURES

- Two brightness options
- 50,000 hour life
- Low power consumption
- Mains Voltage
- Colour changing option available

BENEFITS

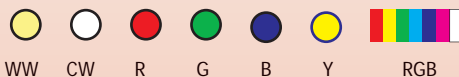
- Low electricity costs to user
- Low Temperature - safety
- Easy to install
- Eliminates maintenance and reduces costs
- Waterproof for use in appropriate outdoor fitting

TYPICAL APPLICATIONS

- Ambient light fittings
- Outdoor decorative festoons
- Bars & Restaurants
- Hotels
- Festival Lighting



Available Colours:



Order Code	Power W	LED Type	Lumens Lm	Waterproof
Standard Model				
LED-LUSTRE-*(COLOUR)	1.2	5mm	45	✓
High Performance Model				
LED-LUSTRE-HP-*(COLOUR)	2.25	SMD	110	✓

* - Select base type from B22/BC; E27/ES; BA15d/SBC; E14/SES

LED DOWNLIGHT

Introduction

This high quality, versatile luminaire provides fantastic solutions in commercial, retail, display and domestic applications. Manufactured from die cast aluminium alloy, the LED downlight operates from mains voltage, and is also available in a "track" option for use on 240V track systems. The high performance multi-chip LED delivers strong and stable colours, ideal for accent or display lighting.



FEATURES

- Built-in driver
- 50,000 hour life
- Brushed chrome body
- High light output
- Fully adjustable

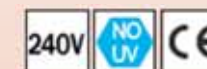
BENEFITS

- Retrofit for easy installation
- No external driver required
- Reduces power and maintenance costs
- Low temperature
- No UV - Ideal for artwork lighting & clothing displays

TYPICAL APPLICATIONS

- Shops and malls
- Museums and galleries
- Bars and restaurants
- Residential

Available Colours:



Order Code	Power W	Colour Temp K	Lumens lm	Illuminance Lux	Beam Angle °
LED-DLSPOT-HP-WW	10	3200	250	1500	30
LED-DLSPOT-HP-CW	10	6000	200	1500	30
LED-DLSPOT-HP-R	10	RED	250	1500	30
LED-DLSPOT-HP-G	10	GREEN	250	1500	30
LED-DLSPOT-HP-B	10	BLUE	200	1500	30
LED-DLSPOT-HP-A	10	AMBER	250	1500	30

RGB LED FLOODBAR (12V)

Introduction

The Marexim RGB Floodbar provides a whole world of possibilities to the designer of exterior lighting schemes. Utilising high-power Red-Green-Blue (RGB) LED technology, the flood bar system is equally simple to install and achieve fantastic effects. A simple plug-and-play system allows up to 170 units to link together and control the exterior colour of buildings, pelmets, gardens and other features of interest. Simply control by using the DMX controller on page 16.

It's slim profile allows the Floodbar to be installed easily in the most confined of spaces, indoors or out. The Floodbar can also be linked with the RGB floodlight, to add colour to large areas with ease!

FEATURES

- 50,000 hour life
- High light output
- Waterproof - IP65
- 16 million rich colours
- Remote controlled
- Linkable up to 170 units

BENEFITS

- Simple to install
- Very low heat
- Stunning effects achieved easily
- No ongoing maintenance
- Low electricity costs

TYPICAL APPLICATIONS

- Coves and pelmets
- Exterior walls
- Restaurant/Bar/Hotel exterior
- Garden areas



50,000HR

Order Code	Voltage V	Power W	Lumens Lm	Beam Angle °	Dimensions (mm) L x W x H
LED-FLOOBBARHP-12V-RGB	12	18	690	50	645 x 57 x 23

ACCESSORIES: - 12V LED Driver (page 15)
DMX Controller Unit (page 16)

RGB LED FLOODLIGHT

Introduction

The Marexim RGB floodlight is a revolutionary solution for architectural lighting design. Using a simple plug-and-play system, multiple units can be linked together, up to a total of 170. This allows for synchronised colour-changing, washing the exterior walls of buildings for dramatic effects. Waterproof for use outdoors, the floodlight is constructed from high grade die cast aluminium. Link with the RGB floodbar and control simply from one central DMX Controller (see page 16).



FEATURES

- 50,000 hour life
- High light output
- Waterproof - IP65
- 16 million rich colours
- Remote-controlled
- Linkable up to 170 units

BENEFITS

- Simple to install
- Very low heat
- Easy to achieve fantastic effects
- No ongoing maintenance
- Low electricity costs

TYPICAL APPLICATIONS

- Bar and Hotel exterior
- Monuments/features
- Trees and public gardens



50,000HR

Order Code	Voltage V	Power W	Lumens lm	Beam Angle °	Dimensions (mm) L x W x H
LED-FLOODHP-RGB	15	28	1035	25	272 x 135 x 190

ACCESSORIES: - 15V LED Driver (Page 15)
DMX Controller (Page 16)

AQUA LED SPOT (12V)



Introduction

The Aqua-LED underwater series has been designed to meet professional lighting requirements for all aspects of submersed illumination. Fountains, ponds, spas and pools can be transformed at night, by utilising this powerful and reliable light source. The Aqua-LED utilises a single 30W high-performance LED, with unrivalled levels of light output.

The high-quality construction consists of a triple-layer housing, comprising of high grade copper, brass and die-cast aluminium. This unique system improves thermal management, and protects the fixture from overheating. It also guarantees absolute safety in any under-water application.

FEATURES

- 50,000 hour life
- High light output
- Triple-layer housing
- Completely sealed - IP68

BENEFITS

- Very low heat
- Eliminates costly maintenance & replacement
- Fantastic rich colours
- Lower electricity costs

TYPICAL APPLICATIONS

- Landscape designs
- Ponds & Garden features
- Fountains
- Spas & swimming pools

50,000HR



Available Colours:



* Just add the colour to the stock code when ordering

Order Code	Voltage V	Power W	Colour Temp K	Lumens Lm	Beam Angle °	Dimensions (mm) L x Ø
LED-AQUA-12V-HP-WW	12	30	3200	600	30	105 x 65
LED-AQUA-12V-HP-CW	12	30	6000	750	30	105 x 65
LED-AQUA-12V-HP-*	12	30	MULTI	600	30	105 x 65

ACCESSORIES: - See 12V LED Drivers (page 15)

OUTDOOR LIGHT FITTINGS

Introduction

In addition to the high-performance modules in this section, there is also a range of outdoor and underwater fittings. These incorporate individual Marexim LED lamps, such as the high-performance MR16s (page 1) or the LED Colour Star (page 2) in this booklet.

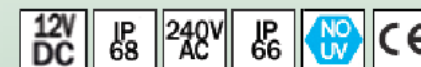
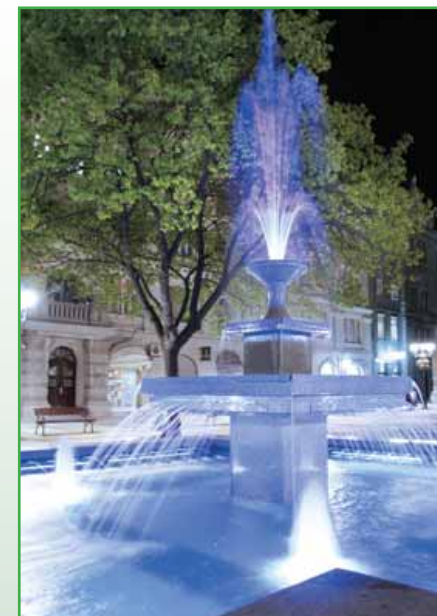
Contact the customer services team to discuss your individual requirements for LED lighting in any outdoor or underwater application.

FEATURES

- High quality European construction
- Usable with Marexim MR16 LEDs
- 12V or 240V option
- Prewired for simple installation

TYPICAL APPLICATIONS

- Garden and landscape designs
- Ponds and water features
- Highlighting display areas
- Pathways



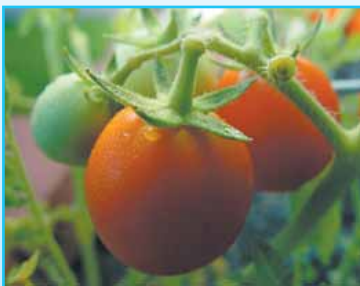
Order Code	Voltage V	Power W	IP Rating	Dimensions (mm) L x Ø
Marexim LED Colour Star				
LED-IP66-STAR	240	5	IP66	115 x 90

LED OASIS PLANT GROW BAR

Introduction

The Marexim LED growth light series is a revolution in the plant growing industry. Led by research and development in conjunction with NASA, this unique suite of products provides plants with the precise levels of light required to promote rapid and healthy growth.

There are two models available for the growth of ordinary plants, and one for those grown underwater, in aquaria. (see opposite)



Oasis Professional



Oasis Professional Plus

FEATURES

- NASA backed LED technology
- LEDs with wavelength matched to plants needs
- 50,000 hour life
- Safe 24V operation
- Linkable for easy set-up

USER BENEFITS

- Huge 96% saving on power
- Much higher growth & productivity
- Reductions in mineral and water use
- No burns or wilting plants - Cool LEDs
- No need to replace costly blown bulbs
- Easy DIY installation
- Year-round controlled production
- More buds and blooms



Order Code	Voltage V	Power W Per Bar
<u>Oasis Professional Version</u>		
LED-OBAR-P*	24	6
<u>Oasis Professional Plus Version</u>		
LED-OBAR-PP*	24	10
<u>Aqua Professional Version</u>		
LED-ABAR-P*	24	6
<u>Aqua Professional Plus Version</u>		
LED-ABAR-PP*	24	10

* Kits are available with up to 8 bars where necessary. Contact the support team to discuss your requirements in detail.

LED AQUA PLANT GROW BAR

Introduction

Utilising the same advanced LED growth technology as the Oasis model, the Marexim Aqua grow bar provides an enhanced growth environment for all photosynthesizing aquatic organisms, including corals.

BENEFITS

- Ideal for fresh and salt water environments
- Very cool running temperature
- Fish-friendly
- Energy-efficient low power usage
- Universal mounting



Aqua Professional

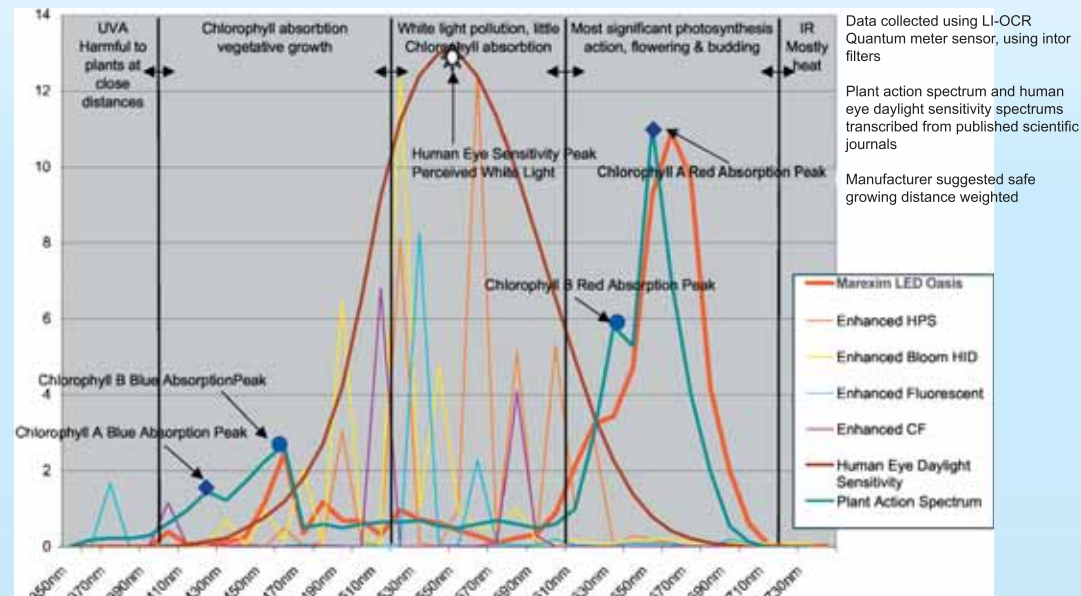


Aqua Professional Plus

Coral/Living Rock Tank



Aquatic Tank



LED POWER SUPPLIES & DRIVERS



LED 12V 15W Driver

Introduction

As you will have noted throughout this product guide, the LED products generally operate on either 240V (mains) or 12V power. Those which are operable on 240V do not require a dedicated driver. Some 12V AC products can operate on existing lighting transformers, but those needing a 12V DC supply require a dedicated LED Driver. The Marexim range is extensive and caters not only for Marexim-manufactured LED product, but also other types of LED product too.

Contact our knowledgeable support team to discuss the correct power supply for your application.

FEATURES

- High power factor
- 3 year warranty
- Overload, thermal & spike protection
- Fully CE and EMC approved
- Waterproof designs for outdoor use

BENEFITS

- Simple to install
- Reliable - European Quality
- Enhances lamp life
- Wide range for all applications
- Long distance models available

LED-PROTECTOR always recommended to fit to circuits to further manage voltage spikes and surges.



LED 12V 240W Driver

Order Code	Input Voltage V	Output Voltage V	Output Power Range W	Protection Class IP	Dimensions (mm) L x W x H	Weight Kg
LED-DRIVER12V-15W	90-264	12	0.5 - 15	-	112 x 38 x 21	0.20
LED-DRIVER12V-25W	90-264	12	2.5 - 25	66	70 x 60 x 26	0.21
LED-DRIVER24V-25W	90-264	24	2.5 - 25	66	70 x 60 x 26	0.21
LED-DRIVER12V-40W	90-264	12	4 - 40	66	95 x 70 x 32	0.37
LED-DRIVER15V-40W	90-264	15	4 - 40	66	95 x 70 x 32	0.37
LED-DRIVER12V-60W	90-264	12	6 - 60	66	184 x 63 x 40	0.60
LED-DRIVER12V-240W	90-264	12	24-240	64	231 x 152 x 75	4.0
LED-DRIVER24V-240W	90-264	24	24-240	64	231 x 152 x 75	4.0
LED-PROTECTOR	240	240	n/a	-	45 x 30 x 20	0.05

LED CONTROLLERS

Introduction

Many of the products within the Marexim LED range have the technology incorporated to allow them to be user-controlled. This adds a whole new dimension when offering a client a lighting scheme.

The controllers listed on this page relate to products featured earlier in the catalogue, and allow the installer and user to create awesome, synchronised lighting effects at the push of a button!

The most important point to remember is that Marexim research and develop reliable products which are easy to use and install. This range under-pins that philosophy.



LED RGB Controller

FEATURES

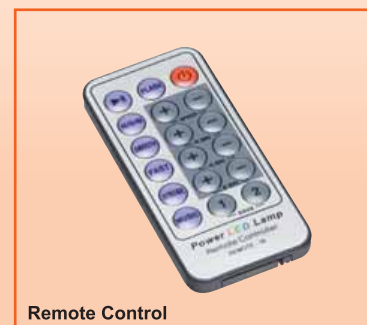
- Control up to 400 lamps
- Select from pre-set functions
- Slim-line remote control
- DMX linkable to PC (software supplied)
- Plug and play

BENEFITS

- Simple and quick installation
- Striking preset functions
- Easy to use and program
- No complicated programming required
- Professional and dramatic effects



LED DMX Controller



Remote Control

Order Code	Max No of lamps	DMX Option	Pre-Set Colour Modes	Dimming Function	Dimensions (mm) L x W x H
LED-DMX-CONTROL	170	✓	16	✓	110 x 128 x 30
LED-RGB-CONTROL	400	✗	16	✓	138 x 110 x 35
LED-SBAR-CONTROL-27W	3 mtrs	✗	7	✓	110 x 40 x 90
LED-SBAR-CONTROL-52W	6 mtrs	✗	7	✓	110 x 40 x 90
LED-SBAR-CONTROL-78W	9 mtrs	✗	7	✓	110 x 40 x 90

i-storm INDUSTRIAL WORKLIGHT

FITTINGS



i-storm 24

Introduction

The Marexim "i-storm" series of industrial portable work lights incorporate the very latest LED technology. All of the unique attributes of LEDs lend themselves to use in this application: zero maintenance; low power consumption; long life; cool running and extremely rough service. Instant portable floodlighting in an emergency, or for routine inspection and maintenance work.

FEATURES

- 2 Light levels - up to 60 hours duration
- Easily portable
- 3 stage charger - recharges in 4-5 hours
- 24 super bright LEDs (50,000 hour life)
- In-car charger option

BENEFITS

- Enables work to commence immediately
- Very safe - 12V; low heat and no fumes
- Totally silent
- No breakables or lamps to replace
- No ongoing maintenance costs
- Rechargeable

TYPICAL APPLICATIONS

- Emergency services & armed forces
- Rail & utilities maintenance
- Rapid response crews
- Inspection & repair
- Commercial & industrial work and maintenance
- Hire companies

Options available:-

- Colour: Yellow; Olive or Tan
- Wide Flood 160°, Spot 30° or Narrow Spot 10°
- Spot model provides working illumination up to 200m!



i-storm 48

i-storm 96



Order Code	Supply Voltage V	No. of Light Heads	Total Lumens lm	Colour Temp K	Max Duration (hours)
istorm24	12	1	1920	6400	15
istorm48	12	2	3840	6400	30
istorm96	12	4	7680	6400	60

Many of the LED products featured in this catalogue are able to be retro-fitted into existing luminaires. Where a new installation is being considered the fittings on this page are specifically designed to accommodate Marexim LED products.

This range incorporates several key features and benefits which include:-

- Modern & stylish designs
- Easy to install
- Excellent venting for LEDs
- Different Colour options

Contact the team at Marexim to discuss your application and fitting requirements in detail.

MR16



PAR30



Order Code	Finish	Adjustable	Dimensions (mm)
MR16 TYPE			
LED-MR16-DL-CH	Polished Chrome	Tilt	102Ø x 20D
LED-MR16-DL-WHI	White	Tilt	102Ø x 20D
LED-MR16-DL4672	Brushed Chrome	Fully	110L x 110W x 85D
PAR30 TYPE			
LED-PAR30-DL-CH	Polished Chrome	Tilt	175Ø x 105D
LED-PAR30-DL-WH	White	Tilt	175Ø x 105D
LED-PAR30-DL5115	Brushed Chrome	Fully	180L x 180W x 205D
LED-PAR30-DL-ARM	Brushed Chrome	Fully	120L x 40Ø

ACCESSORIES: - 3m tripod; In-vehicle charger; Carry case/Back pack; Additional head