marexim

SUSTAINABLE LIGHTING SOLUTIONS

marexim EMPOWERING SUSTAINABILITY

Marexim's philosophy has always been simple:

NO COMPROMISE ON QUALITY

The Marexim product promise:

SAFE, LONG-LASTING, ENERGY EFFICIENT

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UNLOCK BOUNDLESS POSSIBILITIES: UTILISE MAREXIM'S EXTENSIVE SUITE OF TURNKEY LED LIGHTING SOLUTIONS. FROM TRUE HALOGEN REPLACEMENT "THR" TECHNOLOGY, THROUGH TO POWERFUL COLOUR-CHANGING LUMINAIRES.

LED LIGHTING SOLUTIONS

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MR16

50mm Diameter 50,000 HOUR

12V AC/DC CE NO UV GX5.3

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.

A 21-29V version has also been specifically designed to suit the requirements of the super yacht and leisure industry.

FEATURES

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

BENEFITS

- Low electricity costs to user
- Low temperature
- Direct replacement for easy installation
- Eliminates maintenance and reduces costs
- No UV – will not fade expensive artefacts

TYPICAL APPLICATIONS

- Hotels, bars and restaurants
- High (inaccessible) atriums
- Malls and shopping precincts
- Heat sensitive ceiling voids
- Commercial buildings and businesses
- Super yachts and cruise liners

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•	•		•

Order Code	Power W	Colour Temp K	CRI	Lumens lm	Illuminance Lux @ 1m	Beam Angle °
Standard Performance						
LED-MR16FL-SP-WW	3	3000	70	90	150	55
LED-MR16FL-SP-CW	3	5500	80	90	150	55
LED-MR16FL-SP-(COLOUR)	3	see chart	-	90	150	55
High Performance						
LED-MR16-HP-WW	6	3000	70	260	430	40
LED-MR16-HP-CW	6	5500	80	280	430	40
LED-MR16FL-HP-WW	6	3000	70	260	300	60
LED-MR16FL-HP-CW	6	5500	80	280	300	60
LED-MR16-HP-(COLOUR)	6	see chart	-	-	various	40/60

MR16 HIGH CRI

50mm Diameter 50,000 HOUR

12V AC/DC CE NO UV GX5.3

Developed specifically for applications which demand superior colour-rendering, Marexim's High-CRI MR16 is undeniably pushing the very limits of advanced LED technology. Whether enhancing the vibrant colour of fine artwork, or highlighting the skin's natural tones, this particular model underlines Marexim's commitment to developing LED product which performs consistently beyond the boundaries of even the closet rivals.

FEATURES

- 50,000 hour life
- Near-perfect CRI: 98
- Direct physical replacement for halogen
- Narrow or wide beam options
- Available in warm (natural) or cool (daylight) white

BENEFITS

- Enhances true and vibrant colours
- Low electricity costs to user
- Low temperature
- Eliminates maintenance and reduces costs
- No UV – will not fade expensive artefacts

TYPICAL APPLICATIONS

- Museums and art galleries
- Hotels, bars and restaurants
- Health spas and beauty salons
- Jewellers
- Elevators
- Design and print industry
- Paint retailers
- Supermarkets - delicatessens/butchers
- Fashion Shows and Design Houses

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•						

Order Code	Power W	Colour Temp K	CRI	Lumens lm	Illuminance Lux @ 1m	Beam Angle °
LED-MR16-HCRI-WW	6	3000	98	260	380	40
LED-MR16-HCRI-CW	6	5500	98	260	380	40
LED-MR16FL-HCRI-WW	6	3000	98	260	270	60
LED-MR16FL-HCRI-CW	6	5500	98	260	270	60

PAR30

95mm Diameter 50,000 HOUR

90-265V AC NO UV CE E27

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 or retro-fitted into existing halogen PAR30, or incandescent R30/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
- Universal operating voltage

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 and exhibition hall foyers
- High atrium ceilings
- Malls and shopping precincts
- Display areas in shops
- Kitchens and bathrooms
- General lighting

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•	•		

Order Code	Power W	Colour Temp K	Lumens lm	Illuminance Lux	Beam Angle °
LED-PAR30-HP-WW	19	3000	840	1500	40
LED-PAR30-HP-CW	19	5500	840	1500	40
LED-PAR30FL-HP-WW	19	3000	840	1000	60
LED-PAR30FL-HP-CW	19	5500	840	1000	60
LED-PAR30-HP-RED	14	RED	-	-	40
LED-PAR30-HP-GRE	19	GREEN	-	-	40
LED-PAR30-HP-BLU	19	BLUE	-	-	40
LED-PAR30-HP-YEL	14	YELLOW	-	-	40

PAR30 HIGH CRI

95mm Diameter 50,000 HOUR

90-265V AC NO UV CE E27

Utilising the same colour-perfecting technology as the MR16 model, Marexim's High-CRI PAR30 provides the same levels of superior colour-rendering with superb total light output. As the application photograph depicts, this model is a superb choice for enhancing artworks to release vivid and true colours. Also essential for applications which demand an uncompromising level of rendition to enrich skin tones or the natural colours of high grade interiors.

FEATURES

- 50,000 hour life
- Near-perfect CRI: 98
- Direct physical replacement for halogen
- Narrow or wide beam options
- Available in warm (natural) or cool (daylight) white

BENEFITS

- Enhances true and vibrant colours
- Low electricity costs to user
- Low temperature
- Eliminates maintenance and reduces costs
- No UV – will not fade expensive artefacts

TYPICAL APPLICATIONS

- Museums and art galleries
- Hotels, bars and restaurants
- Health spas and beauty salons
- Jewellers
- Elevators
- Design and print industry
- Paint retailers
- Supermarkets - delicatessens/butchers
- Fashion Shows and Design Houses

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•						

Order Code	Power W	Colour Temp K	CRI	Lumens lm	Illuminance Lux @ 1m	Beam Angle °
LED-PAR30-HCRI-WW	19	3000	98	750	1260	40
LED-PAR30-HCRI-CW	19	5500	98	750	1260	40
LED-PAR30FL-HCRI-WW	19	3000	98	750	810	60
LED-PAR30FL-HCRI-CW	19	5500	98	750	810	60

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LV RECESSED LUMINAIRE

50,000 HOUR

12V AC/DC CE NO UV GX5.3

Designed as a complete recessed downlight solution, this model incorporates the superior illumination technology of the MR16 series. The unit is tilt adjustable and is ready for 12 Volt operation, with quick connection via a standard GX5.3 lampholder. Operating on either AC or DC current, this product is a complete package, ideal for use in a variety of applications from domestic and commercial through to super yachts.

FEATURES

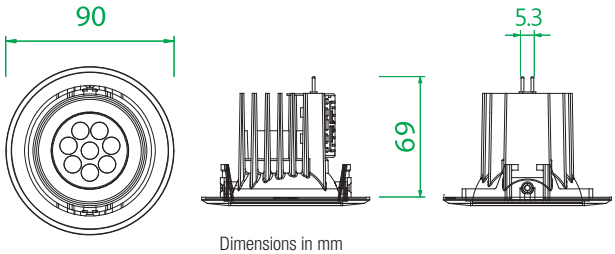
- 50,000 hour life
- High light output
- Tilt adjustable
- Quick-Fit connection
- Narrow or wide beam option

BENEFITS

- Low electricity costs to user
- Simple installation
- Low temperature
- Eliminates maintenance and reduces costs
- No UV- will not fade expensive artefacts

APPLICATIONS

- Hotels, bars and restaurants
- Super yachts and luxury cruise liners
- Malls and shopping precincts
- Elevators
- Heat sensitive voids



Dimensions in mm

Order Code	Power W	Colour Temp K	CRI	Lumens lm	Illuminance Lux @ 1m	Beam Angle °
LED-RDL-LV-WW	6	3000	70	280	430	40
LED-RDL-LV-CW	6	5500	80	280	430	40
LED-RDLFL-LV-WW	6	3000	70	280	300	60
LED-RDLFL-LV-CW	6	5500	80	280	300	60

AC DIMMABLE RECESSED LUMINAIRE

50,000 HOUR

100-240V AC

The AC Recessed Downlight is a complete luminaire which offers the installer a simple yet stunningly effective downlight, with linear dimming capability down to 10%. The unit is setup for use directly with mains voltage, and features a universal input range of 100-240V. Compatible with 1-10V dimming systems, it is a perfect choice for fit-and-forget lighting in a huge number of applications such as theatres, cinemas and conference facilities.

FEATURES

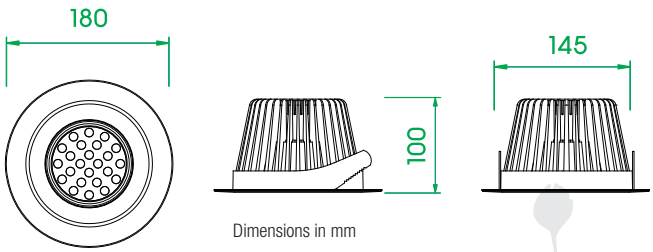
- Wide input voltage range 100-240V
- Linear dimming down to 10%
- Superb light output
- Built-in driver
- 50,000 hour life

BENEFITS

- Low electricity costs to user
- Low temperature
- Easy installation
- Compatible with existing dimming circuits
- Eliminates maintenance and reduces costs
- No transformer required

APPLICATIONS

- Theatres
- Cinemas
- Conference facilities
- Hotels, bars and restaurants
- Malls and shopping precincts



Dimensions in mm

Order Code	Power W	Colour Temp K	CRI	Lumens lm	Illuminance Lux @ 1m	Beam Angle °
LED-RDL-AC-WW	19	3000	70	840	1400	40
LED-RDL-AC-CW	19	5500	80	840	1400	40
LED-RDLFL-AC-WW	19	3000	70	840	900	60
LED-RDLFL-AC-CW	19	5500	80	840	900	60

PAR16 GU10

51mm Diameter 30,000 HOUR

90-265V AC

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.

Marexim's LED direct GU10 replacement now overcomes the many disappointments that have been experienced with halogen.

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 and reduces costs
- No UV - Will not fade expensive artefacts

TYPICAL APPLICATIONS

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

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•			•

Order Code	Voltage V	Power W	Colour Temp K	Illuminance Lux @ 1m	Beam Angle °
Standard Performance Model					
LED-GU10-SP-WHI	110/240	1.8	5500	180	16
LED-GU10-SP-(COLOUR)	110/240	1.8	see chart	various	16
Special FX Model					
LED-GU10-SP-RGB	110/240	1.8	see chart	N/A	16
LED-GU10-SP-UV	110/240	1.8	UV/BLB	N/A	16
High Performance Model					
LED-GU10-HP-WW	90-265	3	3000	330	24
LED-GU10-HP-CW	90-265	3	5500	330	24
LED-GU10-HP-(COLOUR)	90-265	3	see chart	various	24

LED TAPE

100,000 HOUR

12V DC IP66 OPTION NO UV CE

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.

An IP66 version is also available for use in outdoor applications.

FEATURES

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

BENEFITS

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

TYPICAL APPLICATIONS

- Display cases
- Signs, bars and counter illumination
- Recess and pelmet lighting
- Floating vanities and cupboards
- 12V DC leisure craft

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•	•		•

Order Code	Voltage V	Reel Length	Power W	Rated Life (hours)	Lumens lm	Beam Angle °
Standard Version						
LED-TAPE-(COLOUR)	12	6m	4W per m	50,000	120 per m	120
			24W per reel		720 per reel	
Professional Version						
LED-TAPE-PRO-(COLOUR)	12	3m	12W per m	100,000	360 per m	120
			36W per reel		1,080 per reel	
Outdoor Version						
LED-TAPE-IP66-(COLOUR)	12	6m	4W per m	30,000	100 per m	120
			24W per reel		600 per reel	

LV BAR

50,000 HOUR

12V & 24V DC

The Marexim LED LV Bar is a high quality “fit and forget” solution for a range of applications. The tilt-adjustable slimline 25mm profile allows installation in the most confined of spaces. Very high light output provides crisp illumination, with no excess heat implications.

Synchronise colour-changing across a whole room by using the RGB model. This is controlled easily by the LVBAR controller. 24V as standard, with 12V available to order upon request.

FEATURES

- Very long 50,000 hour life
- Adjustable slim profile
- Very high lumen output
- Different length options
- High quality aluminium body
- Alternative option to fluorescent

BENEFITS

- Very low heat - safety
- Low electricity cost to user
- Zero maintenance
- Simple to install
- No UV - Ideal for highlighting artwork

TYPICAL APPLICATIONS

- Display cases
- Pelmet and recess illumination
- Leisure craft - caravans, boats etc
- Bar, restaurant, commercial and residential lighting

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•			•

Order Code	Power W	Colour Temp K	Lumens lm	Beam Angle °
LED-LVBAR-320MM-WW	5	3000	220	100
LED-LVBAR-320MM-CW	5	5500	220	100
LED-LVBAR-320MM-RGB	3	MULTI	220	100
LED-LVBAR-620MM-WW	10	3000	440	100
LED-LVBAR-620MM-CW	10	5500	440	100
LED-LVBAR-620MM-RGB	6	MULTI	440	100
LED-LVBAR-920MM-WW	15	3000	660	100
LED-LVBAR-920MM-CW	15	5500	660	100
LED-LVBAR-920MM-RGB	9	MULTI	660	100
LED-LVBAR-1220MM-WW	20	3000	880	100
LED-LVBAR-1220MM-CW	20	5500	880	100
LED-LVBAR-1220MM-RGB	12	MULTI	880	100

AC BAR

50,000 HOUR

100-240V AC

This slim-profile adjustable luminaire is ideal for use in applications where low voltage drivers are not essential. With built-in driver technology, the AC BAR can be connected directly to mains voltage and utilised as a wall washer, or for detailed display illumination.

A wide input operating voltage of 100-240V provides flexibility for use as a component product for OEMs, exporting their product to multiple countries worldwide, with varying domestic voltages. Four different lengths are available, in 300mm (1ft) increments.

FEATURES

- Very long 50,000 hour life
- Built-in driver
- Wide input voltage range: 100-240V
- Linkable, up to 600W (240V) or 300W (110V)
- Different length options

BENEFITS

- Thin profile, easily concealed
- Simple to install – no external driver
- Safe: Very low heat
- No UV – will not fade art displays
- Very low electricity cost to user

TYPICAL APPLICATIONS

- Display cabinets
- Retail displays
- Pelmets and recesses
- Bar and restaurant illumination

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•			

Order Code	Power W	Colour Temp K	Lumens lm	Beam Angle °
LED-ACBAR-320MM-WW	6	3000	220	100
LED-ACBAR-320MM-CW	6	5500	220	100
LED-ACBAR-620MM-WW	11	3000	440	100
LED-ACBAR-620MM-CW	11	5500	440	100
LED-ACBAR-920MM-WW	17	3000	660	100
LED-ACBAR-920MM-CW	17	5500	660	100
LED-ACBAR-1220MM-WW	22	3000	880	100
LED-ACBAR-1220MM-CW	22	5500	880	100

P45 LUSTRE

45mm Diameter 50,000 HOUR

120 OR 240V AC

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 is 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 and restaurants
- Hotels
- Festival lighting

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•	•		•

Order Code	Power W	LED Type	Lumens lm	Waterproof	Dimensions mm
Standard Model					
LED-LUSTRE-SP-*-(COLOUR)	1.2	5mm	45	•	Ø45 x 117
High Performance Model					
LED-LUSTRE-HP-*-(COLOUR)	2.25	SMD	110	•	Ø45 x 117

* select base type from: E26 (120V)
B22; E27; BA15d or E14 (240V)

A19 / A60 GLS

50,000 HOUR

120 OR 240V AC

Another world-leading product in terms of design, form and light output, the GLS A60 LED is a direct replacement for the oldest and most common form of lighting.

General Lighting Service (GLS) tungsten filament lamps have been one of the biggest hurdles for LED replacement technology, due to the very directional properties of LED light. This has now been overcome, and Marexim are proud to showcase a direct retro-fit lamp with high colour-rendering properties. Colour matched to replicate incandescent light, the replacement of lamps up to 40W is now a simple changeover.

FEATURES

- 50,000 hour long life
- Same shape as traditional A19 / A60
- Superior light quality and colour rendition
- No UV emitted
- Instant light – no warmup period

BENEFITS

- Significant reductions in power costs
- Huge savings in replacement costs
- Safe: very low heat
- Simple to install – direct replacement
- Environmentally friendly

APPLICATIONS

- Hotels: Bedside and desk lamps
- Cruise ships and super yachts
- Restaurants / hospitality industry
- Hallways and stairways
- Retail shops and cafes

Order Code	Voltage V	Power W	Colour Temp K	CRI	Lumens lm	Dimensions mm
LED-GLS-WW-*	120V / 240V	4	2800	>85	230	Ø60 x 117

* select base type from: E26 (120V)
B22d; E27 (240V)

SM DOWNLIGHT

50,000 HOUR

90-265V AC

This high quality, versatile luminaire provides fantastic solutions in commercial, retail, display and domestic applications. Manufactured from die cast aluminium alloy, the SM Downlight operates on 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

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•		•	

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

i-STUDY

50,000 HOUR

100-240V AC NO UV CE

The revolutionary concept behind Marexim's i-Study luminaire takes learning to levels beyond those achieved through the use of conventional lighting. Advanced scientific studies have proven that certain colour temperatures stimulate optimal concentration levels for different tasks. Completely alter and optimise your study or working conditions with a simple tap of the touch-sensor switch, depending on the task being undertaken.

FEATURES

- 50,000 hour life
- Fully tilt and angle adjustable
- 3 different illumination environments
- High light output
- Slim ergonomic design

BENEFITS

- Enhances learning environment
- Adds 3rd dimension to children's study
- Lightweight and easily transportable
- Extremely safe: Extra low voltage and no heat
- Very low electricity costs

APPLICATIONS

- Children's school homework
- University study
- Musical tuition
- Office or home study
- School desk lighting

Order Code	Power W	Study Mode	Colour Temp K	Illuminance Lux @ 1m
LED-iSTUDY *	10	Physics / Chemistry	6500 - 7000	1400
		Mathematics	3800 - 4500	1400
		Music	2500 - 3000	800

* Choose product colour: White or Black

RGB FLOODBAR

50,000 HOUR

12V DC IP65 NO UV CE

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 easy 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.

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

ACCESSORIES

- DMX Controller (see page 75)

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
							•

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

RGB FLOODLIGHT

50,000 HOUR

15V DC IP65 NO UV CE

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.

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

ACCESSORIES

- DMX Controller (see page 75)

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
							•

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

LV AQUA SPOT

50,000 HOUR

12V & 24V DC

The low voltage 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. It utilises single 30W and 60W high-performance LED packages, with unrivalled levels of light output.

The high-quality contruction 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.

The RGB model allows user-controlled colour-schemes, to suit the requirements of the surroundings.

FEATURES

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

BENEFITS

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

TYPICAL APPLICATIONS

- Landscape designs
- Ponds and garden features
- Fountains
- Spas and swimming pools

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•		•	•

Order Code	Voltage V	Power W	Colour Temp K	Lumens lm	Beam Angle °	Dimensions mm L x Ø
LED-AQUA-12V-SP-WW	12	30	3200	600	30	105 x 65
LED-AQUA-12V-SP-CW	12	30	6000	750	30	105 x 65
LED-AQUA-12V-SP-(COLOUR)	12	30	see chart	various	30	105 x 65
LED-AQUA-24V-HP-WW	24	60	3200	2500	30	120 x 90
LED-AQUA-24V-HP-CW	24	60	6000	2900	30	120 x 90
LED-AQUA-24V-HP-(COLOUR)	24	60	see chart	various	30	120 x 90

OUTDOOR POWERSPOT

50,000 HOUR

90-265V AC

IP65

NO UV

CE

Outdoor applications demand a high quality luminaire which can withstand harsh weather conditions and still deliver stunning lighting effects. Whether it is illuminating trees and shrubs, facades, fascias, signage or walkways, the PowerSpot from Marexim provides the perfect solution.

From it's durable and robust external design through to the high quality light engine contained within, the PowerSpot removes many of the issues currently faced with alternative light sources.

This versatile fitting is an obvious choice where ongoing maintenance, high power consumption and dangerous heat are all issues in outdoor applications, currently relying on outdated alternative technology.

FEATURES

- 50,000 hour life
- IP65 for use outdoors
- Three different beam options
- Universal voltage: 90-265V
- Six colour options
- Fully adjustable

BENEFITS

- Low electricity costs to user
- Safe: Low temperature
- Simple to install: requires no driver
- Eliminates maintenance and reduces costs
- Produces stunning effects

TYPICAL APPLICATIONS

- Parks
- Gardens and perimeter lighting
- Building exteriors
- Hotel grounds
- Signage illumination

AVAILABLE COLOURS

WW	CW	R	G	B	Y	A	RGB
•	•	•	•	•		•	

Order Code	Voltage V	Power W	Lumens lm	Beam Angle °	Operating Temp °C / °F	Dimensions (mm) Ø x H
LED-POWERSPOT-*-15	90-265	30	≤ 1500	15	-20 to 50 / -4 to 122	165 x 240
LED-POWERSPOT-*-30	90-265	30	≤ 1500	30	-20 to 50 / -4 to 122	165 x 240
LED-POWERSPOT-*-60	90-265	30	≤ 1500	60	-20 to 50 / -4 to 122	165 x 240

* Please specify required colour from those available.

OASIS PLANT GROW BAR

50,000 HOUR

24V DC

The Marexim LED grow 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.

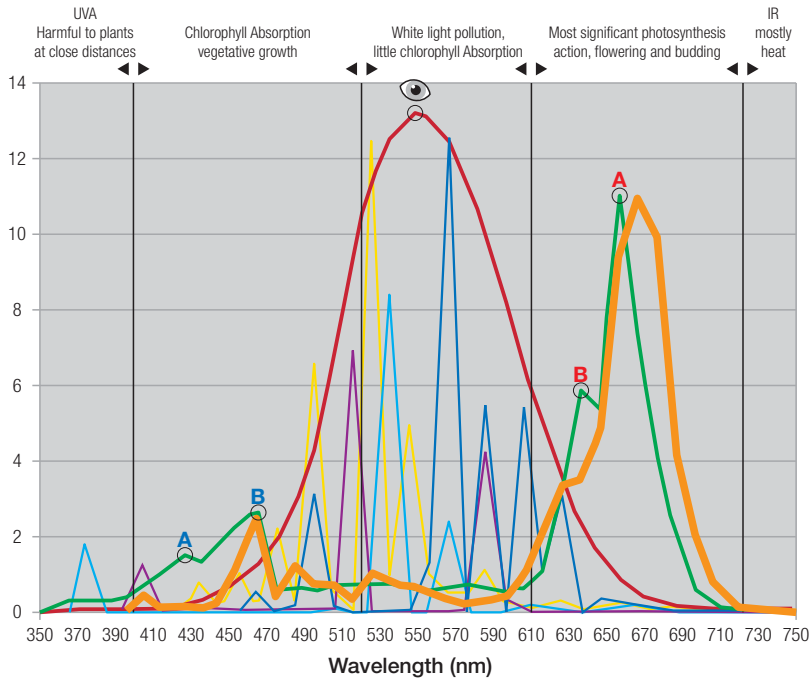
There are two models available for the growth of ordinary plants, and one for those grown underwater, in aquaria. (see opposite)

FEATURES

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

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



Data collected using LI-OCR Quantum meter sensor, using intor filters.
Plant action spectrum and human eye daylight sensitivity spectrums transcribed from published scientific journals.
Manufacturer suggested safe growing distance weighted.

- Marexim LED Oasis
- Enhanced HPS
- Enhanced Bloom HID
- Enhanced Fluorescent
- Enhanced CF
- Human Eye daylight sensitivity
- Plant Action Spectrum

A Chlorophyll A Blue Absorption Peak
B Chlorophyll B Blue Absorption Peak
A Chlorophyll A Red Absorption Peak
B Chlorophyll B Red Absorption Peak
Human Eye Sensitivity Peak Perceived White Light

AQUA PLANT GROW BAR

50,000 HOUR

24V DC

Utilising the same advanced LED grow 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

Order Code	Voltage V	Power W (per bar)
Oasis Professional Version		
LED-OBAR-P*	24	6
Oasis Professional Plus Version		
LED-OBAR-PP*	24	10
Aqua Professional Version		
LED-ABAR-P*	24	6
Aqua Professional Plus Version		
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.

i-PANEL

50,000 HOUR

100-240V AC

Designed with retail and office environments in mind, the i-Panel series is an ideal long-life and ecological alternative to the use of linear fluorescent luminaires. With two popular stock sizes to choose from, and larger bespoke modules available on indent, the i-Panel presents a fantastic opportunity for both retro-fit and new-install applications.

Linear dimming is available using a 1-10V dimmer, for complete control of your lighting scheme.

The i-Panel is available in either a warm or cool white. Alternatively, there is a colour temperature controller allowing precise ambience to be set as required. This allows business owners to provide an adjustable lighting environment for employees, set entirely to their individual preference.

Retail businesses can free themselves from ongoing maintenance and unsightly flickering lamps, ensuring their premises are always a welcoming environment.

FEATURES

- 50,000 hour life
- CRI: ≤98
- Slim profile
- Variable input voltage: 100-240V AC
- Zero UV
- No Mercury

BENEFITS

- Simple to retro-fit
- Low electricity costs to user
- Low temperature
- Eliminates maintenance and reduces costs
- Reduces environmental impact

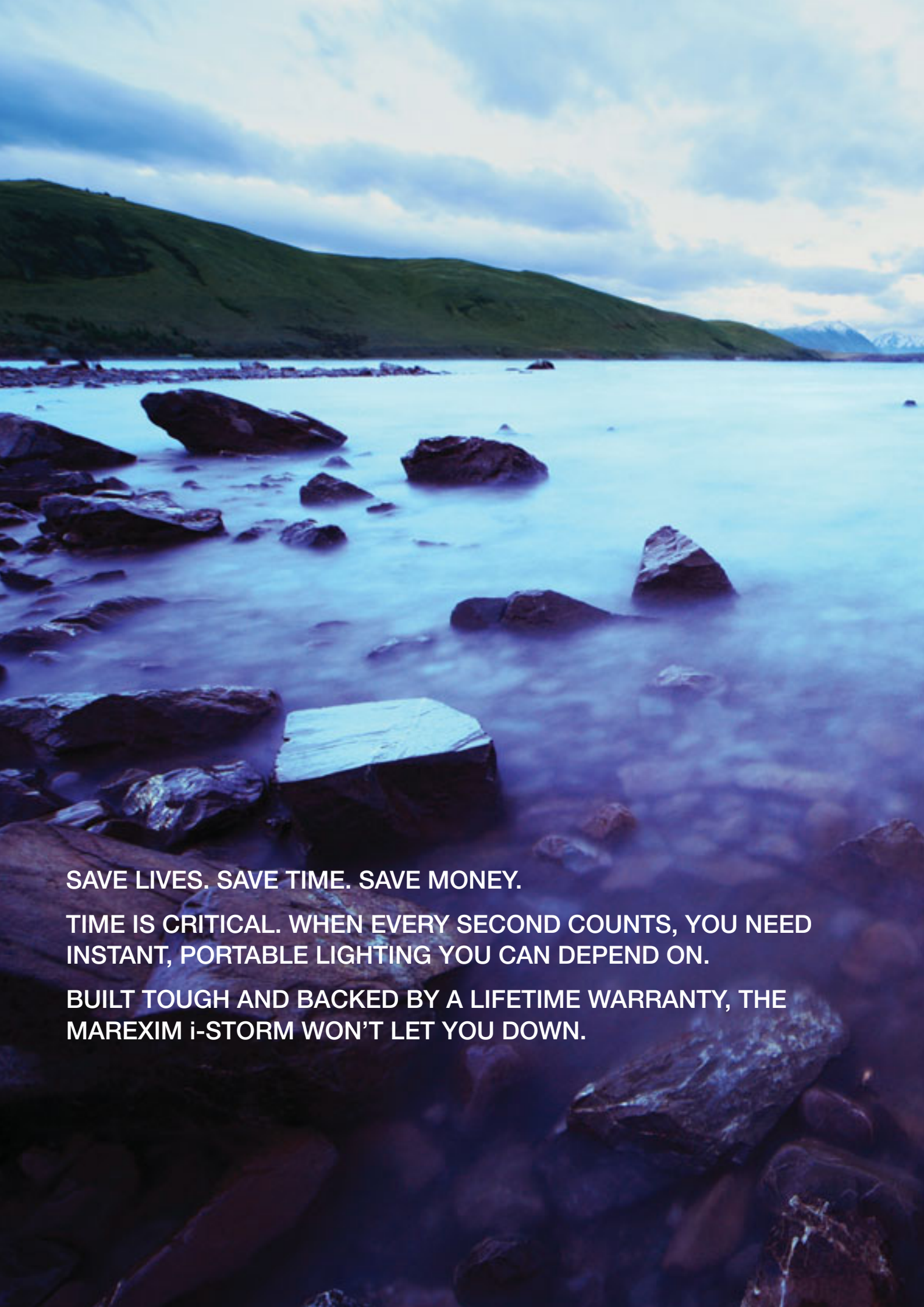
TYPICAL APPLICATIONS

- Fast food restaurants
- Retail
- Offices
- Schools
- Government buildings
- Elevators
- Hospitals and retirement villages
- Banks

Order Code	Power W	Colour Temp K	Lumens lm	Illuminance Lux @ 1m	Beam Angle °	Dimensions mm
LED-iPANEL-300-WW*	26	3000	600	400	120	300 x 300
LED-iPANEL-300-CW*	26	5500	600	400	120	300 x 300
LED-iPANEL-600-WW*	105	3000	2400	1500	120	600 x 600
LED-iPANEL-600-CW*	105	5500	2400	1500	120	600 x 600

* Specify either T-Bar or M-Bar fitting by using suffix "T" or "M"

UNLOCK BOUNDLESS POSSIBILITIES WITH MAREXIM'S "TURN KEY" LIGHTING SOLUTIONS.



SAVE LIVES. SAVE TIME. SAVE MONEY.

TIME IS CRITICAL. WHEN EVERY SECOND COUNTS, YOU NEED INSTANT, PORTABLE LIGHTING YOU CAN DEPEND ON.

BUILT TOUGH AND BACKED BY A LIFETIME WARRANTY, THE MAREXIM i-STORM WON’T LET YOU DOWN.

PORTABLE LED LIGHTING

28 i-STORM 24
i-STORM 48
i-STORM 96

i-STORM INDUSTRIAL WORKLIGHT

12V DC

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 their 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
- Lifetime operational warranty
- NATO codified

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

TYPICAL APPLICATIONS

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

ACCESSORIES

- 3m tripod
- In vehicle charger
- Carry case/back pack
- Additional light head

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

PORTABLE AND LIGHTWEIGHT.
TOUGH AND DEPENDABLE.
GUARANTEED FOR LIFE.

MAREXIM'S COMPACT FLUORESCENT PRODUCTS OVERCOME THE STIGMA OF UNSIGHTLY DESIGN – COMBINING VISUAL AESTHETICS AND PERFORMANCE IN THEIR DIRECT REPLACEMENT SAFETY BULB RANGE.

CFL LIGHTING

33 INTRODUCTION

34 GENERAL LIGHTING SERVICE

35 CANDLE

36 DOWNLIGHT SERIES

37 PAR REFLECTOR SERIES

38 PAR16 GU10

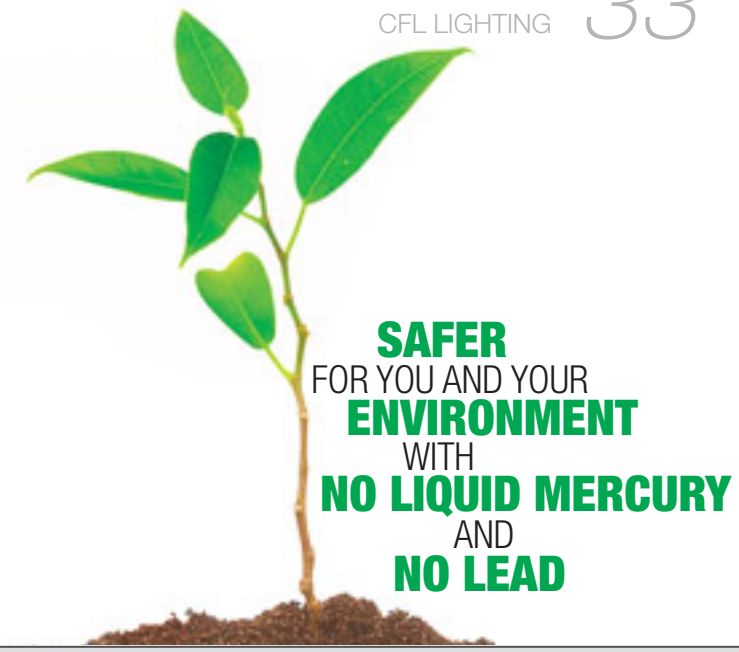
39 GX53 DISCLIGHT

40 R7s LINEAR REPLACEMENT

marexim

Switching to energy efficient lighting doesn't have to get ugly.

marexim ENERGY SAVER Safety Bulbs®



ENERGY SAVER SAFETY BULBS

RoHS Compliant CE

SAFE FOR THE ENVIRONMENT
Marexim Safety Bulbs meet and surpass the rigorous European RoHS directive which restricts the use of harmful substances such as liquid mercury and lead (that are often present in other energy saving lamps).

SAFE FOR YOU
Marexim Safety Bulbs enclose the compact fluorescent tubes within a protective outer glass achieving a two-fold benefit to end users.
1 The lamp is safer to install/remove avoiding potentially ugly injuries if the normally exposed fragile glass tubes are broken.
2 Marexim Safety Bulbs are also the same size and shape as standard incandescent lamps, achieving the same familiar look and feel that was taken into consideration when the light fittings were originally designed.

Make sure the lamps you use are safer for you and the environment. Choose Marexim Energy-Saver Safety Bulbs.

SAFETY FIRST
Marexim Energy-Saver Safety Bulbs DO NOT contain Liquid Mercury and are manufactured using lead free glass and lead free solder!

Marexim Energy-Saver Safety Bulbs have a protective outer shell covering the inner workings. They are also cooler to touch than incandescent bulbs.

LONG LASTING/LONG LIFE
Marexim Energy-Saver Safety Bulbs last 10-15 times longer than normal bulbs. This means there is less wastage, less pollution in our landfills and you purchase 10-15 times less incandescent lamps over the same time period. They also come with a 12 month warranty.

ENERGY EFFICIENT
Marexim Energy-Saver Safety Bulbs draw less power thus you may save up to 85% of electricity usage and cost.

LOOK LIKE ORDINARY BULBS
Marexim Energy-Saver Safety Bulbs are the SAME SIZE, SAME SHAPE and even look like normal lamps. The Smart alternative to u-tube and spiral CFLs!

marexim

GENERAL LIGHTING SERVICE

10,000 HOUR

110-120V OR 220-260V AC

RoHS Compliant

CE

The GLS range of Marexim's Energy Saver Safety Bulbs offer a simple direct retro-fit for a range of applications. The standard shape A19 / A60 is the most familiar; recognisable to the whole world as "the light bulb".

For use in all common domestic and commercial applications where unreliable, hot and inefficient tungsten filament lamps are common.

"Same Size and Same Shape" means you don't have to worry about the lamp not fitting your luminaire! Save time, save money and don't worry about unsightly spirals protruding from fittings.

FEATURES

- Long average life: 10,000 hours
- Same Size
- Same Shape
- No liquid mercury
- Warm white colour

BENEFITS

- Simple to install
- Huge instant power savings
- Reduces replacement costs
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Domestic
- Commercial
- Hospitality
- Hotels and cruise ships
- Bars and restaurants

Order Code	Shape US/EU	Voltage V	Power W	Colour Temp K	Lumens lm	Diameter mm	Length mm
CFL-CALM-11W-*	A19 / A60	120V / 240V	11	2700	480	60	103
CFL-GLS-15W-*	A19 / A60	120V / 240V	15	2700	700	60	103

* select base type from: E26 (120V)
B22d; E27 (240V)

CANDLE

10,000 HOUR

110-120V OR 220-260V AC

RoHS Compliant

In terms of design form and restriction of space, the applications which utilise the ever-popular 35mm candle lamp are a perfect example of how low energy technology has been almost impossible to introduce. Until now.

Unsightly, over-sized “candle-shaped” CFLs have typically been a far cry from the delicate incandescent candle. The Marexim range addresses this shortfall however, and offers a superb, true direct retro-fit.

FEATURES

- Long average life: 10,000 hours
- Same Size
- Same Shape
- No liquid mercury
- Warm white colour

BENEFITS

- Simple to install
- Huge instant power savings
- Reduces replacement costs
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Candelabras
- Chandeliers
- Hospitality
- Hotels and cruise ships
- Bars and restaurants

Order Code	Shape US/EU	Voltage V	Power W	Colour Temp K	Lumens lm	Diameter mm	Length mm
CFL-CAN-5W-*	B13 / B35	120V / 240V	5	2700	220	38	98
CFL-CAN-7W-*	B13 / B35	120V / 240V	7	2700	360	38	98
CFL-CAN-9W-*	B13 / B35	120V / 240V	9	2700	450	38	108

* select base type from: E12; E26 (120V)
E14; E27; Ba15d; B22d (240V)

DOWNLIGHT SERIES

10,000 HOUR

110-120V OR 220-260V AC

RoHS Compliant

Completing the line up of Marexim's incandescent replacement series is the "R" Reflector Series. This product range covers all of the most popular models, and the lamps are of course a direct replacement in terms of the physical size, shape and light of the inefficient incandescent counterparts they replace.

FEATURES

- Long average life: 10,000 hours
- Same Size
- Same Shape
- No liquid mercury
- Warm white colour

BENEFITS

- Simple to install
- Huge instant power savings
- Reduces replacement costs
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Domestic
- Commercial
- Hospitality
- Hotels and cruise ships
- Bars and restaurants

Order Code	Shape US/EU	Voltage V	Power W	Colour Temp K	Lumens lm	Diameter mm	Length mm
CFL-R50-7W-*	- / R50	120V / 240V	7	2700	360	50	103
CFL-R63-9W-*	R20 / R63	120V / 240V	9	2700	450	63	103
CFL-R80-15W-*	R25 / R80	120V / 240V	15	2700	750	80	115
CFL-R80-18W-*	R25 / R80	120V / 240V	18	2700	1000	80	135

* select base type from: E26 (120V)
B22d; E27 (240V)

PAR REFLECTOR SERIES

10,000 HOUR

110-120V OR 220-260V AC

RoHS Compliant

Moving through to halogen replacement lamps, the Energy Saving Safety Bulb range incorporates all of the most common types of Parabolic Aluminised Reflector (PAR) lamps. With such a broad selection available, including outdoor models for use with security lights and garden luminaires, Marexim's high output reflector series represents a complete solution, with significant power savings to be harnessed.

FEATURES

- Long average life: 10,000 hours
- Same Size
- Same Shape
- Warm, cool or daylight white
- No liquid mercury
- IP44-Rated PAR38 for outdoor use

BENEFITS

- Simple to install
- Huge instant power savings
- Reduces replacement costs
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Domestic or commercial
- Hospitality
- Hotels and cruise ships
- Bars and restaurants
- Gardens and pathways (PAR38)

PAR38

Order Code	Voltage V	Power W	Colour Temp K	Lumens lm	IP Rating	Diameter mm	Length mm
CFL-PAR16-7W-GU10	120V / 240V	7	2700 / 4000 / 6400K	220	20	50	58
CFL-PAR16-11W-GU10	120V / 240V	11	2700 / 4000 / 6400K	350	20	50	78
CFL-PAR20-9W-*	120V / 240V	9	2700 / 4000 / 6400K	365	20	63	103
CFL-PAR30-15W-*	120V / 240V	15	2700 / 4000 / 6400K	1075	20	95	103
CFL-PAR38-23W-*	120V / 240V	23	2700 / 4000 / 6400K	1360	44	125	115

* Enter base / cap required: E26 (120V) ; E27 (240V)

PAR16 GU10

10,000 HOUR

110-120V OR 220-260V AC

RoHS Compliant

An important part of the PAR family, the halogen GU10 model has surged in popularity over the past few years due to it's quick and simple installation characteristics.

A mains voltage equivalent to the 12V MR16, the GU10-based spot lamp has been favoured due to the lack of requirement for a low voltage transformer. This fantastic direct CFL replacement lamp overcomes typically poor life, inefficiency and excessive heat of its halogen counterparts. These features also reduce the expense of ongoing maintenance.

FEATURES

- Long average life: 10,000 hours
- Same Size
- Same Shape
- Warm, cool or daylight white
- No liquid mercury

BENEFITS

- Simple to install
- Huge instant power savings
- Reduces replacement costs
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Domestic or commercial
- Hospitality
- Hotels and cruise ships
- Bars and restaurants
- Gardens and pathways (with IP fitting)

Order Code	Voltage V	Power W	Colour Temp K	Lumens lm	Diameter mm	Length mm
CFL-GU10-7W-*	120V / 240V	7	2700 / 4000 / 6400K	220	50	58
CFL-GU10-11W-*	120V / 240V	11	2700 / 4000 / 6400K	350	50	78

* Specify required colour temperature

GX53 DISCLIGHT

10,000 HOUR

110-120V OR 220-260V AC

RoHS Compliant

The GX53-based disclight has become an increasingly popular light source in recent times. It's thin profile and uniform lighting characteristics have made it a very common choice for OEMs and designers of retail displays, cabinets, kitchens and bathrooms to name but a few.

Low power consumption, long lamp life and negligible heat offer some obvious benefits to such applications. Installation is also simple with a variety of surface-mount or recessed luminaires. The lamp is also integrally ballasted, so there is no requirement for additional control gear.

FEATURES

- Long average life: 10,000 hours
- Slim profile
- Warm, cool or daylight white
- Low power consumption
- Mains voltage operation

BENEFITS

- Simple to install
- Huge power savings
- No heat produced
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Retail displays
- Under-shelf
- Cupboards, pantries and wardrobes
- Hotels and cruise ships
- Bars and restaurants

AVAILABLE COLOURS

Warm White	Cool White	Natural Daylight	Red	Green	Blue
WW	CW	NDL	R	G	B

Order Code	Voltage V	Power W	Colour Temp K	Lumens lm	Diameter mm	Width mm
CFL-GX53-7W*	120V / 240V	7	2700 / 4000 / 6400	240	75	27
CFL-GX53-9W*	120V / 240V	9	2700 / 4000 / 6400	260	75	27
CFL-GX53-13W*	120V / 240V	13	2700 / 4000 / 6400	380	75	36

* Specify required colour temperature

R7s LINEAR REPLACEMENT

8,000 HOUR

110-120V OR 220-240V AC

RoHS Compliant

Completing the suite of direct halogen replacement lamps is the CFL-118. This unique product offers a fantastic alternative solution to relatively short-life, hot and inefficient “K Class” linear halogen lamps with an R7s cap. Also available with an in-built photocell sensor, this model can intelligently sense changes in ambient light and automatically switch on and off according to outdoor light levels.

The CFL-118 is ideal for use in security flood lights, work lights and interior up-light luminaires. Alternatively it is available packaged complete with your choice of luminaire.

Direct replacement of 118mm R7s Halogen lamps

FEATURES

- Long average life: 8,000 hours
- Fits existing halogen fittings
- Warm, cool or daylight white
- No liquid mercury
- Cool operating temperature

BENEFITS

- Simple to install
- Huge instant power savings
- Reduces replacement costs
- Reduces environmental impact
- Safe: no fragile exposed tubes

APPLICATIONS

- Work lights
- Security lights
- Hotels and cruise ships
- Domestic luminaires
- Bars and restaurants
- Gardens and pathways (with IP fitting)

AVAILABLE COLOURS

Warm White	Cool White	Natural Daylight
WW	CW	NDL

Order Code	Voltage V	Power W	Colour Temp K	Lumens lm	Length mm	Width mm
CFL-R7S118-*	120V / 240V	24	2700 / 4000 / 6400	1500	118	76
With Photocell Sensor						
CFL-R7S118-SEN-*	120V / 240V	24	2700 / 4000 / 6400	1500	118	76

* Specify required colour temperature

COMBINE VISUAL AESTHETICS
AND PERFORMANCE.

THE LOW VOLTAGE XENON BREAKTHROUGH WAS MAREXIM'S FIRST SIGNIFICANT INDUSTRY-CHANGING SUCCESS. OVERCOMING THE SHORTCOMINGS OF HALOGEN, MAREXIM XENON IS NOW SPECIFIED THE WORLD-OVER IN APPLICATIONS VARYING FROM 5-STAR HOTELS TO SUPER YACHTS.

XENON / HALOGEN LIGHTING

44 MR16 DICHROIC

45 MR16 COOLBACK

46 AR111

47 LV CAPSULE

48 MR16 COLOUR

49 PAR16 GU10 COLOUR

50 PAR16 GU10

51 G9 CAPSULE

52 R7s LINEAR

MR16 DICHROIC

10,000 HOUR

12V AC/DC

Marexim's Xenon series offers the specifier or property owner an ultra long-life alternative to standard halogen lamps. The halogen MR16 is one of the most commonly used forms of downlight illumination, and the extensive range below directly replaces underperforming lamps in this category.

With an average rated life of 10,000 hours, Marexim's Xenon dichroic reflector options represent the very best value and performance with no need to change existing transformers! Ideally suited for use where heat-sensitive objects may be the subject of illumination, there is also no risk of fading or deterioration of expensive artefacts as Marexim Xenon lamps radiate no UV.

FEATURES

- Superior life: 10,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Four-layer dichroic reflector
- Constant colour throughout life
- "UV-Stop" low-pressure quartz capsule
- Frosted lens option also available

BENEFITS

- Eliminates ongoing maintenance
- Fit & Forget solution
- Easy installation
- Operates on standard lighting transformers

APPLICATIONS

- Hotels, bars and restaurants
- Commercial buildings
- Super yachts and cruise ships
- Inaccessible / high ceilings
- Shopping malls and precincts

ANSI / LIF	Voltage V	Power W	Beam Angle °	Lum. Intensity	Order Code: XENON 10,000hr	Order Code: Halogen 6,000hr
BAB / M269	12	20	36	600 cd	BAB10-P-XENON	BAB6-P
FMW / M281	12	35	36	1430 cd	FMW10-P-XENON	FMW6-P
EXT / M249	12	50	12	15800 cd	EXT10-P-XENON	EXT6-P
EXZ / M250	12	50	24	1920 cd	EXZ10-P-XENON	EXZ6-P
EXN / M258	12	50	36	1840 cd	EXN10-P-XENON	EXN6-P
FNV / M280	12	50	60	1460 cd	FNV10-P-XENON	FNV6-P

* MR11 (35mm diameter) options also available upon request

MR16 COOLBACK

10,000 HOUR

12V AC/DC

The MR16 Xenon "CoolBack" range features a high quality aluminised reflector, increasing the volume of light which is reflected forward. Superior life compared to standard halogen ensures that lamp changes are a very infrequent occurrence.

Marexim's aluminium CoolBack MR16 has been specifically designed to be used in recessed applications where ceiling voids may be particularly heat-sensitive. Unique reflector design ensures significant reduction in heat to the rear of the lamp, compared with a dichroic type. No UV is radiated, as a result of the low pressure UV-Stop quartz capsule technology.

FEATURES

- Superior life: 10,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Four-Layer aluminised reflector
- Constant colour throughout life
- "UV-Stop" low-pressure quartz capsule
- Frosted lens option also available

BENEFITS

- Eliminates ongoing maintenance
- Safer for use in recessed applications
- Fit & Forget solution
- Easy installation
- Operates on standard lighting transformers

APPLICATIONS

- Hotels, bars and restaurants
- Commercial buildings
- Super yachts and cruise ships
- Inaccessible / high ceilings
- Shopping malls and precincts

ANSI / LIF	Voltage V	Power W	Beam Angle °	Lum. Intensity	Order Code: XENON 10,000hr	Order Code: Halogen 6,000hr
BAB / M269	12	20	36	750 cd	BAB10-P-XENON-ALU	BAB6-P-ALU
FMW / M281	12	35	36	1780 cd	FMW10-P-XENON-ALU	FMW6-P-ALU
EXT / M249	12	50	12	15800 cd	EXT10-P-XENON-ALU	EXT6-P-ALU
EXZ / M250	12	50	24	2400 cd	EXZ10-P-XENON-ALU	EXZ6-P-ALU
EXN / M258	12	50	36	2300 cd	EXN10-P-XENON-ALU	EXN6-P-ALU
FNV / M280	12	50	60	1460 cd	FNV10-P-XENON-ALU	FNV6-P-ALU

AR111

10,000 HOUR

12V AC/DC

The AR111 Aluminised Reflector lamp is a very popular choice for use in retail environments. Offering a wide variety of beam angles with a sharply focussed and high intensity projection of light, it is a perfect choice for spot lighting displays and objects from high suspended ceilings. Other applications include cafes, bars and restaurants; all of which demand superior lighting for very sustained periods. Inherently, standard halogen does not lend itself particularly well to this application, as most installations are inaccessible, high ceilings or atriums which demand expensive maintenance with such short life. The solution is simple: Marexim's direct replacement Xenon AR111 series.

FEATURES

- Superior life: 10,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Constant colour throughout life
- "UV-Stop" low-pressure quartz capsule

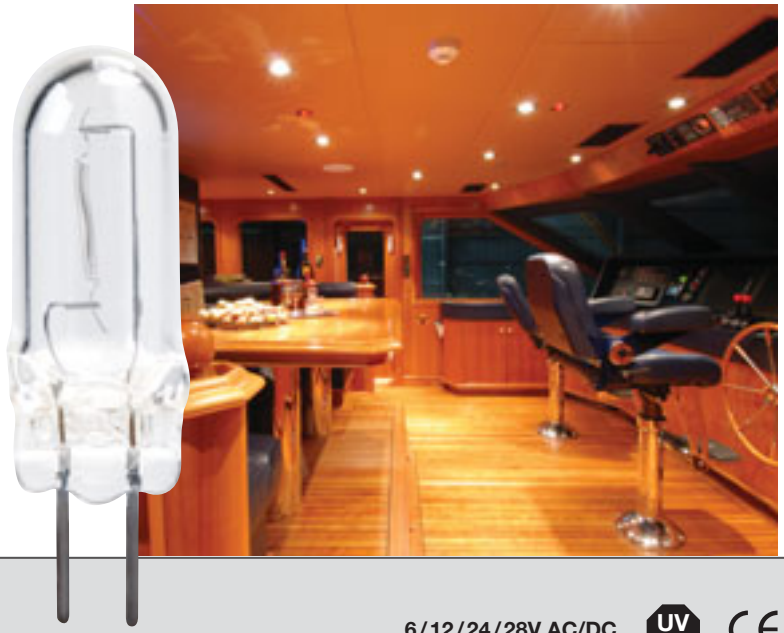
BENEFITS

- Eliminates ongoing maintenance
- Significantly reduces costs
- Fit & Forget solution
- Easy installation
- Operates on standard lighting transformers

APPLICATIONS

- Shops and supermarkets
- Hotels, bars and restaurants
- Commercial buildings
- Inaccessible / high ceilings
- Shopping malls and precincts

Voltage V	Power W	Beam Angle °	Order Code: XENON 10,000hr
12	35	4	AR111-12354-XENON
12	35	8	AR111-12358-XENON
12	35	24	AR111-123524-XENON
12	35	45	AR111-123545-XENON
12	50	4	AR111-12504-XENON
12	50	8	AR111-12508-XENON
12	50	24	AR111-125024-XENON
12	50	45	AR111-125045-XENON
12	75	4	AR111-12754-XENON
12	75	8	AR111-12758-XENON
12	75	24	AR111-127524-XENON
12	75	45	AR111-127545-XENON
12	100	4	AR111-121004-XENON
12	100	8	AR111-121008-XENON
12	100	24	AR111-1210024-XENON
12	100	45	AR111-1210045-XENON



G4 & GY6.35 CAPSULE

10,000 HOUR

6/12/24/28V AC/DC

One of the most popular lamps in the Marexim Xenon series, the low voltage range of capsules lends itself perfectly to a wide variety of applications. A high concentration of the dense Xenon gas ensures that the filament burns within a more stable environment than halogen, resulting in superior life and a superb resistance to high vibration. For this reason alone, it is a first choice for some of the world's most prestigious marine vessels such as Super Yachts. Increased resistance to the surges and spikes of input voltage also ensure longevity. The lamp is suitable for use in any position, and also in open luminaires as a result of the low-pressure capsule.

FEATURES

- Superior life: 10,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Constant colour throughout life
- "UV-Stop" low-pressure quartz capsule

BENEFITS

- Eliminates ongoing maintenance
- Safer for use in open luminaires
- Fit & Forget solution
- Easy installation
- Operates on standard lighting transformers

APPLICATIONS

- Super yachts and cruise ships
- Hotels, bars and restaurants
- Commercial buildings
- Garden lighting in IP- rated luminaire

LIF	Voltage V	Power W	Base	Lumens lm	Order Code: XENON 10,000hr	Order Code: Halogen 3,000hr
M42	6	10	G4	140	-	HG4-0610
M9	12	5	G4	70	X1205	HG4-1205
M91	12	10	G4	140	X1210	HG4-1210
-	12	15	G4	225	X1215	HG4-1215
M47	12	20	G4	320	X1220	HG4-1220
M76	12	20	GY6.35	320	-	HGY6.35-1220
M75	12	35	GY6.35	600	X1235	HGY6.35-1235
M32	12	50	GY6.35	925	X1250	HGY6.35-1250
M73	12	75	GY6.35	1410	-	HGY6.35-1275
M28	12	100	GY6.35	1890	-	HGY6.35-12100
-	24	5	G4	70	X2405	-
-	24	10	G4	130	X2410	-
-	24	15	G4	215	X2415	-
M88	24	20	G4	310	X2420	-
M89	24	50	GY6.35	905	X2450	-
-	28	10	G4	130	X2810	-
-	28	20	G4	310	X2820	-

MR16 COLOUR

10,000 HOUR

12V AC/DC

Adding colour to an existing halogen lighting scheme is simple and extremely effective. Upgrading to Marexim's Xenon Pro Colour range provides a professional and long-term option. This lamp utilises a dichroic filter to produce a uniform beam of light which will not deteriorate over it's long life.

No gels or paints are used in this dichroic filtering process, so the Marexim Pro Colour lamps supply constant colour without the peeling or cracking: a common attribute of lesser quality options.

FEATURES

- Superior life: 10,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Constant colour throughout life
- "UV-Stop" low-pressure quartz capsule
- Nine different colour options

BENEFITS

- Eliminates ongoing maintenance
- No degradation of colour
- Fit & Forget solution
- Easy installation
- Operates on standard lighting transformers

APPLICATIONS

- Hotels, bars and restaurants
- Super yachts and cruise ships
- Commercial buildings
- Garden lighting in IP-rated luminaire

AVAILABLE COLOURS

Red	Green	Blue	Yellow	Amber	Lilac	Magenta	Pink	Purple
RED	GRE	BLU	YEL	AMB	LIL	MAG	PINK	PUR

ANSI / LIF	Voltage V	Power W	Beam Angle °	Diameter	Order Code: XENON 10,000hr	Order Code: Halogen 6,000hr
Dichroic Filter Lens						
FTC / M251 (MR11)	12	20	20	35mm	FTC10-P- (COLOUR)	FTC6-P- (COLOUR)
ESX / M268	12	20	36	50mm	ESX10-P- (COLOUR)	ESX6-P- (COLOUR)
FMT / M271	12	35	36	50mm	FMT10-P- (COLOUR)	FMT6-P- (COLOUR)
EXT / M249	12	50	12	50mm	EXT10-P- (COLOUR)	EXT6-P- (COLOUR)
EXN / M258	12	50	36	50mm	EXN10-P- (COLOUR)	EXN6-P- (COLOUR)
FNV / M280	12	50	60	50mm	FNV10-P- (COLOUR)	FNV6-P- (COLOUR)
Solid Colour Lens						
EXN / M258	12	50	36	50mm	EXN10-LENS- (COLOUR)	EXN6-LENS- (COLOUR)

PAR16 GU10 COLOUR

5,000 HOUR

120V OR 240V AC

The extended life of the Marexim PAR16 GU10 Xenon lamp, coupled with the "Pro Colour" attributes as outlined in the MR16 Colour page opposite, combine to provide a simple and stunningly effective range of coloured lighting options.

Mains voltage Xenon lamps require no transformer, so adding a wave of colour through your lighting scheme is easily achieved. All of Marexim's mains voltage Xenon lamps are also twin-fused for extra safety.

FEATURES

- Superior life: 5,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Constant colour throughout life
- Twin-fused for extra safety
- Five popular colour options

BENEFITS

- Significantly reduces maintenance costs
- No degradation of colour
- Easy 'twist & lock' installation
- No transformer required

APPLICATIONS

- Hotels, bars and restaurants
- Super yachts and cruise ships
- Commercial buildings
- Garden lighting in IP-rated luminaire

AVAILABLE COLOURS

Red	Green	Blue	Yellow	Amber	Lilac	Magenta	Pink	Purple
RED	GRE	BLU	YEL	AMB	LIL	MAG	PINK	PUR

Voltage V	Power W	Beam Angle °	Order Code: XENON 5,000hr	Order Code: Halogen 3,000hr
120 / 240	35	25	GU103525-XENON-(COLOUR)	GU103525- (COLOUR)
120 / 240	50	50	GU105050-XENON-(COLOUR)	GU105050- (COLOUR)

PAR16 GU10

5,000 HOUR

120V OR 240V AC

When Marexim launched the now infamous 5,000 hour GU10 lamp, it won industry accolades in several countries around the globe. Previously renowned for inferior quality light and poor life, halogen PAR16s although extremely common, were often unreliable. With superior light output and world-leading average life, the Marexim Xenon PAR16 GU10 really delivers where halogens fail.

Increased resistance to vibration and power fluctuation also ensure you are installing best-in-class technology. Twin fuses are an additional safety feature, which totally eliminate the risk of arcing and explosion at the end of the lamp's life.

FEATURES

- Superior life: 5,000 hours
- High light output
- Vibration resistant
- Surge and spike resistant
- Constant colour throughout life
- Twin-fused for extra safety

BENEFITS

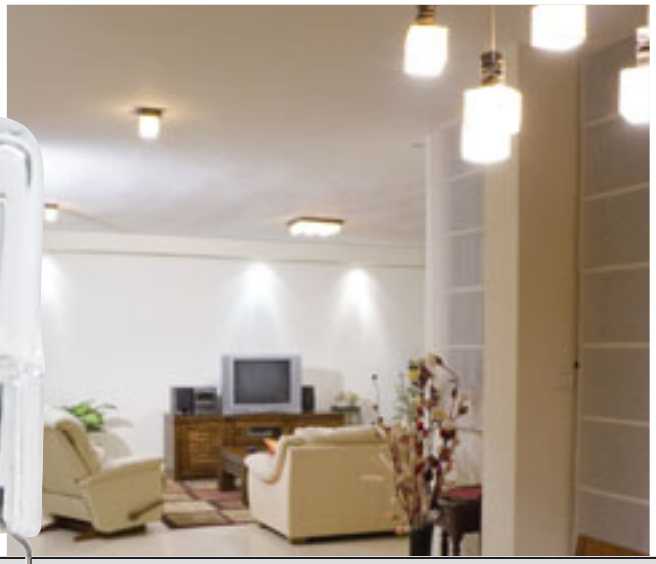
- Significantly reduces maintenance costs
- No degradation of colour
- Easy 'twist & lock' installation
- No transformer required

APPLICATIONS

- Hotels, bars and restaurants
- Homes
- Commercial buildings
- Outdoor lighting in IP-rated luminaire

Voltage V	Power W	Beam Angle °	Order Code: XENON 5,000hr *	Order Code: Halogen 3,000hr *
120 / 240	20	25	GU102025-XENON	GU102025-HALOGEN
120 / 240	35	25	GU103525-XENON	GU103525-HALOGEN
120 / 240	50	25	GU105025-XENON	GU105025-HALOGEN
120 / 240	50	50	GU105050-XENON	GU105050-HALOGEN

* Please specify required voltage



G9 CAPSULE

5,000 HOUR

120V OR 240V AC

The mains voltage G9 capsule lamp has become extremely common with luminaire designers and large scale manufacturers. No longer bound by the constraints of accommodating a transformer into their design, G9 luminaires are often only let down by the poor quality of the light source itself. With a reputation for short life, and dramatic unpredictability such as explosions due to arcing at end of life, other types of G9 vary significantly in quality.

The unique construction of Marexim's patented filament design ensures high resistance to vibration, and totally eliminates the risk of arcing and explosion. In extended vibration tests, the Marexim Xenon G9 significantly outlasted samples of every other manufacturer available. This, combined with the unique Xenon gas fill ensure a G9 which you can provide with the confidence in knowing your customers won't incur costly call-backs!

FEATURES

- Superior life: 5,000 hours
- Anti-explosion technology
- Patented filament design
- Vibration resistant
- Surge and spike resistant
- High light output
- Constant colour throughout life
- Twin-fused for extra safety

BENEFITS

- Safer: No risks of injury
- Eliminates call backs and angry clients
- Significantly reduces maintenance costs
- No degradation of colour
- Easy push fit installation
- No transformer required

APPLICATIONS

- Homes
- Bars and restaurants
- Hotels
- Commercial buildings

Voltage V	Power W	Finish	Luminous Flux	Order Code: XENON 5,000hr *
120 / 240	25	Clear	290 lm	G925-CLEAR
120 / 240	25	Frosted	260 lm	G925-FROSTED
120 / 240	40	Clear	525 lm	G940-CLEAR
120 / 240	40	Frosted	495 lm	G940-FROSTED
120 / 240	60	Clear	860 lm	G960-CLEAR
120 / 240	60	Frosted	830 lm	G960-FROSTED
120 / 240	75	Clear	1150 lm	G975-CLEAR
120 / 240	75	Frosted	1100 lm	G975-FROSTED

* Please specify required voltage

K CLASS LINEAR R7s

5,000 HOUR

120V OR 240V AC CE

Utilising a pinched triple-support filament, the reliability of this complete K class linear range is unparalleled. The first choice of OEMs, retailers and tradesmen, there can be no compromise on quality and reliability when it comes to linear lamps. Many environments generate extreme vibration which accelerates the halogen cycle. Marexim's superior support and Xenon gas fill overcomes the common problem of premature failure in standard hologens.

The Marexim Xenon range delivers trademark light output with unsurpassed life. Available in all four of the most popular lengths, choose from either clear or frosted finish.

FEATURES

- Superior life: 5,000 hours
- Vibration resistant
- Surge & spike resistant
- Constant colour throughout life

BENEFITS

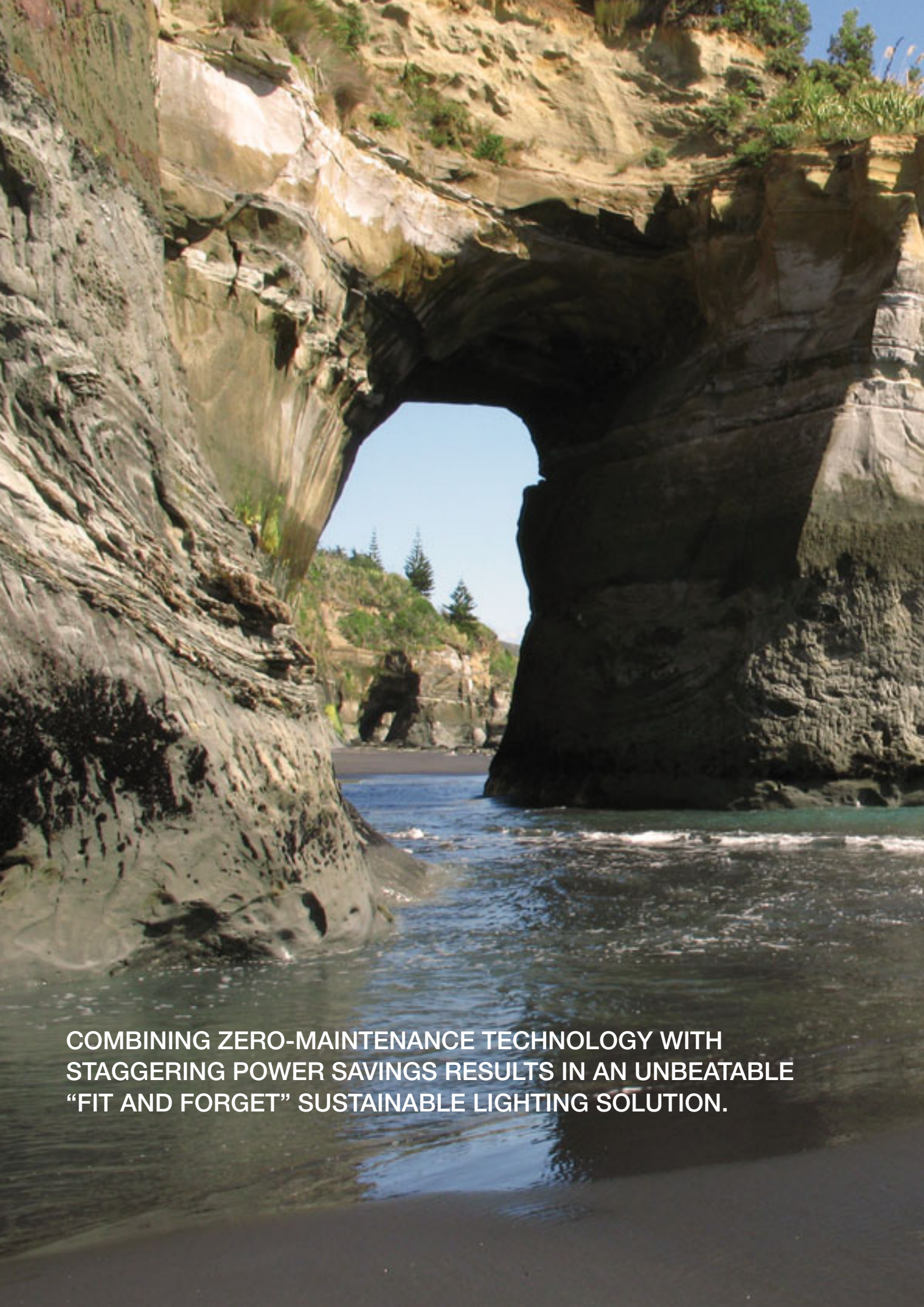
- Significantly reduces maintenance costs
- Prolongs lampholder life: fewer changes
- No degradation of colour
- No transformer required

APPLICATIONS

- Homes
- Security and flood lights
- Work lights
- Super yachts and cruise ships
- Commercial buildings
- Garden lighting in IP-rated luminaire

REF	Length mm	Voltage V	Power W	Luminous Flux	Order Code: XENON 5,000hr	Order Code: Halogen 3,000hr
KSP60	80	120 / 240V	60	870 lm	LH8060XENON	LH8060PRO
KSP75	80	120 / 240V	75	1125 lm	LH8075XENON	LH8075PRO
K14	80	120 / 240V	100	1650 lm	LH80100XENON	LH80100PRO
K12	80	120 / 240V	150	2400 lm	LH80150XENON	LH80150PRO
K27	80	120 / 240V	200	3200 lm	LH80200XENON	LH80200PRO
K15	80	120 / 240V	250	5000 lm	LH80250XENON	LH80250PRO
K7	118	120 / 240V	100	1650 lm	LH118100XENON	LH118100PRO
K11	118	120 / 240V	200	3200 lm	LH118200XENON	LH118200PRO
K9	118	120 / 240V	300	4900 lm	LH118300XENON	LH118300PRO
K1	118	120 / 240V	500	8500 lm	LH118500XENON	LH118500PRO
K3	189 / 192	120 / 240V	750	15000 lm	LH192750XENON	-
K4	189 / 192	120 / 240V	1000	22000 lm	LH1921000XENON	-
K10	254	120 / 240V	1000	22000 lm	LH2541000XENON	-
K5	254	120 / 240V	1500	33000 lm	LH2541500XENON	-

SPECIFYING LONGER LIFE LAMPS REDUCES WASTE AND MAINTENANCE – CREATING MORE SUSTAINABLE AND COST EFFECTIVE LIGHTING SOLUTIONS.



COMBINING ZERO-MAINTENANCE TECHNOLOGY WITH STAGGERING POWER SAVINGS RESULTS IN AN UNBEATABLE "FIT AND FORGET" SUSTAINABLE LIGHTING SOLUTION.

FUTURA EFL

ELECTRODELESS FLUORESCENT LIGHTING

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70 CLEANROOM LIGHTS

WITH THE MAREXIM FUTURA EFL RANGE, OPPORTUNITIES TO SAVE EXIST EVERYWHERE.

MAREXIM FUTURA EFL LIGHTING

The Marexim Futura EFL range has the lowest cost of ownership of any lighting product in the market today.

While many emerging technologies still struggle to achieve both high lumens per watt efficacy and long life, the Futura range successfully achieves both of these with ease.

With a rated life of up to **120,000 hours** and design lumen efficacies approaching 92 lm/W, the Marexim Futura range has leapt over the hurdle at which all other lighting technologies have faltered.

Environmental signs continue to warn us of our own impact on the world we call home. The Futura range presents us with the most certain way that we can make a positive difference.

"Zero Maintenance" for 20-30 years
The whole solution, not just the lamp, has a rated life of 80,000 to 120,000 hours. This means no breakdowns or costly call-outs

70% Power Savings achievable
Utilising the efficiencies of a near perfect power factor (PF $\geq$ 0.99) and the full power management dimming and control system

Lighting for the human eye:
Produces more light that is usable by the human eye up to 140 P/lm/W (Pupil Lumens per Watt)

Photo-catalytic Self Cleaning technology
Greater lumen output for longer guarantees long-term effectiveness

Healthy for you and the environment
No liquid mercury (utilises solid state amalgam).
The amalgam Mercury content is typically only 20% of that found in HID and Fluorescent

No strobing or flickering

99% recyclable

THE MAREXIM FUTURA EFL LAMP RANGE

When the Marexim Technical design team put together what seemed an impossible wish list for the ultimate sustainable light source, no one predicted that it could have been achieved with a single product range.

The Marexim Futura EFL lamp range achieves what other technology can only currently imagine.

Here is the pedigree:

Ultra long-life (up to 120,000 hours)

Very high lumen efficacy (up to 92 lm/W)

Near perfect power factors of 0.99

High CRI (up to 92)

An extreme ambient temperature operating range

One fifth of the mercury content of typical HID and fluorescent (also locked in a safe solid state amalgam)

Instant strike and hot re-strike, linear dimming to 30%, flicker and strobe free

THD < 5% and 99% recyclable.

Plus, they keep themselves clean! Patented Photo Catalytic technology actually keeps the lamp free from any dust or grime build-up. This build-up would normally cause substantial decreases in typical light output and performance. This means that the Marexim Futura EFL lamp range will remain brighter for much, much longer than any other lamp currently on the market today.

The only potential drawback that arises when you make something this good is that it could outlast the equipment that it actually gets installed into. Problem solved! Marexim has a full range of luminaires that can also stand the test of time. The perfect match for a perfectly sustainable lighting solution.

Futura Sphere (SP) and Futura Self Ballasted (RTU) Lamps

Wattage Reference (W):	40W	85W	100W	165W	200W
Order Code: FUTURA SPHERE	n/a	EFL-SP85	EFL-SP100	EFL-SP165	EFL-SP200
Order Code: FUTURA RTU	EFL-RTU40	n/a	n/a	n/a	n/a
Lamp Data:					
Pupil Lumens* (P/lm)	4342	9226	10854	17909	21708
Luminance (lm)	2680	5695	6700	11055	13400
Photopic Efficacy (lm/W)	65~70	65~70	65~70	65~70	65~70
Efficacy (P/lm/W)	105~113	105~113	105~113	105~113	105~113
Current (A)	0.21~0.15	0.76~0.34	0.90~0.41	1.47~0.67	1.77~0.80
Maximum Power Drawn (W)	42	90	107	175	210

SQUARE

CIRCLE

ALL LAMPS: 100-140V / 200-250V / 255-300V

Futura Square (SQ) and Futura Circle (CIR) Lamps

Wattage Reference (W):	70W	100W	150W	200W	250W	400W
Order Code: FUTURA SQUARE	EFL-SQ70	EFL-SQ100	EFL-SQ150	EFL-SQ200	EFL-SQ250	EFL-SQ400
Order Code: FUTURA CIRCLE	EFL-CIR70	EFL-CIR100	EFL-CIR150	EFL-CIR200	EFL-CIR250	n/a
Lamp Data:						
Pupil Lumens* (P/lm)	8165	12474	18630	26568	33210	56376
Luminance (lm)	5040	7700	11500	16400	20500	34800
Photopic Efficacy (lm/W)	70~75	75~80	75~80	80~85	80~85	85~90
Efficacy (P/lm/W)	113~122	122~130	122~130	130~138	130~138	138~146
Current (A)	0.63~0.29	0.93~0.42	1.35~0.61	1.77~0.80	2.21~1.00	3.54~1.60
Maximum Power Drawn (W)	75	110	160	210	263	420

Common Data for all Marexim Futura Lamps:	
Voltages Available	All lamps available in 100 -140V / 200 - 250V / 255 - 300V
Rated Operating Life (hrs)	All lamps have a rated life of 80,000~120,000 hours (classed excellent)
Power Factor (PF)	All lamp ballasts have PF $\geq$ 0.99 (classed excellent)
CRI (Ra)	All lamps are 80~92 CRI (classed excellent)
Total Harmonic Distortion (THD)	All lamps have THD < 5% (classed excellent)
Operating Case Temperature (°C)	All lamps operate at < 65°C (classed cool)
Min-Max Operating Temp Range (°C/°F)	Minimum -40°C/-40°F to Maximum +50°C/122°F
Input Operating Frequency (kHz)	All lamps are available for 2.65MHz or 250kHz
Colour Temperature (K)	All lamps available from 2700 - 6500 degrees Kelvin
Linear Dimming	All lamps are dimmable, down to 30%
Flicker Free and Noise Free	All lamps are flicker, strobe and glare free and also operate silently
Instant Strike and Re-strike	All lamps are instant strike and restrike, no delays or warm-up time
Photo-catalytic Technology	All lamps have photo-catalytic self-cleaning technology for extended lumen output duration
Recyclable	All lamps are 99% recyclable (classed excellent)

*Pupil Lumens is the actual light produced that is usable by the human eye. This has been calculated using an industry assumed lumen correction factor of 1.62 at a mid range colour temperature

CEILING LIGHT SERIES - SURFACE AND RECESSED

APPLICATIONS

- Commercial and business buildings
- Offices, supermarkets, plazas and malls
- School halls and gymnasiums
- Warehouses
- Indoor pool complexes

	TILE SERIES			DOWNLIGHT SERIES	
	Square Surface	Square Recessed	Round Surface	Normal Fit	Slim Fit
Order Codes	EFL-CL-TSQS	EFL-CL-TSQR	EFL-CL-TRS	EFL-CL-DLNF	EFL-CL-DLSF
Maximum Power Drawn @ 100%	160W	160W	160W	210W	90W
Minimum Power Drawn @ 30%	48W	48W	48W	63W	27W
Maximum Powered Lamp (other sizes by request)	EFL-SQ150	EFL-SQ150	EFL-CIR150	EFL-SP200	EFL-SP85
Lens Type	Impact Resistant Polycarbonate	Impact Resistant Polycarbonate	Impact Resistant Acrylic	No Lens	No Lens

Common Data:

Power Factor (PF)	PF > 0.99
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K
Estimated Life	20yrs
Minimum Operating Temperature (°C/°F)	-40°C/-40°F
Maximum Operating Temperature (°C/°F)	50°C/122°F
Standard Zero Maintenance Warranty Option (years)	5yrs
Extended Zero Maintenance Warranty Option (years)	10yrs
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V
Dimming Options	Full Control Dimming and Power Management System
Reflector	Anodised Aluminium for Increased Efficiency
Corrosion Resistance	Anti-corrosion Treated and Electrostatic Powder Coated

SUSPENDED DESIGNER LIGHTS

APPLICATIONS

- Commercial and business buildings
- Supermarkets, plazas and malls
- School halls and gymnasiums
- Warehouses
- Indoor pool complexes

	Sirus	Vega	Capella	Procyon	Rigel	Canopus
Order Codes	EFL-SD-SIRUS	EFL-SD-VEGA	EFL-SD-CAPELLA	EFL-SD-PRCYON	EFL-SD-RIGEL	EFL-SD-CANOPUS
Maximum Power Drawn @ 100%	110W/210W	110W/210W	110W/210W	110W	90W	90W
Minimum Power Drawn @ 30%	33W/63W	33W/63W	33W/63W	33W/63W	27W	27W
Maximum Powered Lamp (other sizes by request)	EFL-CIR100/200	EFL-CIR100/200	EFL-CIR100/200	EFL-CIR100	EFL-SP85	EFL-SP85
Lens Type	Frosted Glass	Impact Resistant Acrylic	Impact Resistant Polycarbonate	Impact Resistant Polycarbonate	No Lens	No Lens

Common Data:

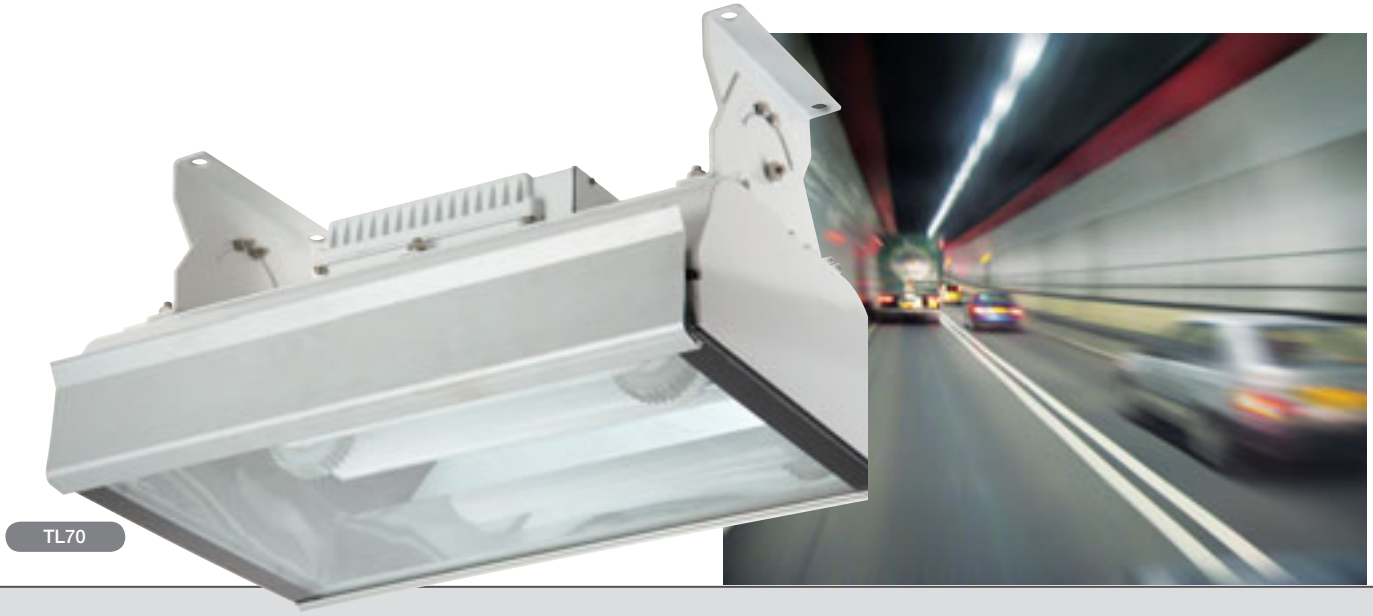
Power Factor (PF)	PF > 0.99
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K
Estimated Life	20yrs
Minimum Operating Temperature (°C/°F)	-40°C/-40°F
Maximum Operating Temperature (°C/°F)	50°C/122°F
Standard Zero Maintenance Warranty Option (years)	5yrs
Extended Zero Maintenance Warranty Option (years)	10yrs
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V
Dimming Options	Full Control Dimming and Power Management System
Reflector	Anodised Aluminium for Increased Efficiency
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated
Emergency Lighting	Optional Battery Backup for Maintained Emergency Lighting systems

SUSPENDED LINEAR LIGHT SERIES

TYPICAL APPLICATIONS

- Commercial and business buildings
- Offices, supermarkets, plazas and malls
- School halls and gymnasiums
- Warehouses
- Indoor pool complexes

	ORION400L	ORION400
Order Codes	EFL-SL-ORION400L	EFL-SL-ORION400
Maximum Power Drawn @ 100%	420W	420W
Minimum Power Drawn @ 30%	126W	126W
Maximum Powered Lamp (other sizes by request)	EFL-SQ400	EFL-SQ400
Parabolic Louvre System	yes	no
Common Data:		
Power Factor (PF)	PF > 0.99	
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K	
Estimated Life	20yrs	
Minimum Operating Temperature (°C/°F)	-40°C/-40°F	
Maximum Operating Temperature (°C/°F)	50°C/122°F	
Standard Zero Maintenance Warranty Option (years)	5yrs	
Extended Zero Maintenance Warranty Option (years)	10yrs	
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V	
Dimming Options	Full Control Dimming and Power Management System	
Reflector	Anodised Aluminium for Increased Efficiency	
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated	
Emergency Lighting	Optional Battery Backup for Maintained emergency Lighting systems	



TUNNEL LIGHT SERIES

TYPICAL APPLICATIONS

- Tunnels
- Bridges
- Highways
- Airports
- Stadiums

	70W	100W	150W	200W	400W
Order Codes	EFL-TL70	EFL-TL100	EFL-TL150	EFL-TL200	EFL-TL400
Maximum Power Drawn @ 100%	75W	110W	160W	210W	420W
Minimum Power Drawn @ 30%	23W	33W	48W	63W	126W
Maximum Powered Lamp (other sizes by request)	EFL-SQ70	EFL-SQ100	EFL-SQ150	EFL-SQ200	EFL-SQ400

Optional Battery Backup for Maintained Emergency Lighting systems

Common Data:

Ingress Protection	IP 65
Power Factor (PF)	PF > 0.99
Colour Temperature Options in Degrees Kelvin (K)	1900K~6500K
Estimated Life	20yrs
Minimum Operating Temperature (°C/°F)	-40°C/-40°F
Maximum Operating Temperature (°C/°F)	50°C/122°F
Standard Zero Maintenance Warranty Option (years)	5yrs
Extended Zero Maintenance Warranty Option (years)	10yrs
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V
Dimming Options	Full Control Dimming and Power Management System
Reflector	Anodised Aluminium for Increased Efficiency
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated

STREET LIGHT SERIES

THE MAREXIM FUTURA EFL STREET LIGHTING SERIES ACHIEVES WHAT NO OTHER STREET LIGHTING TECHNOLOGY CAN;
"ZERO MAINTENANCE" FOR 20 TO 30 YEARS.

Utilising patented ULE (Ultra Life Enhancement) and photo-catalytic technology, the Futura EFL street lights will ensure they shine brighter and for longer than any other product on the market today, and for many more years to come.

This series caters for all lighting applications from 4m (13') right up to 18m (60') and can handle the toughest of environmental conditions. An operating ambient temperature range of -40°C (-40°F) up to 50°C (122°F) puts it way beyond the extreme capabilities of any other system.

Up to 70% power savings can be achieved via utilisation of the Marexim 4 stage management control and self dimming system:

1. Time based – the street lamp automatically adjusts its level of brightness based on the hour of the night and the length of the day
2. Sensor based – dependent on whether a street or area is being used by vehicles or pedestrians, the lamp will automatically adjust its own brightness to optimise power savings
3. A combination of both (1) and (2) above
4. A fully integrated and centralised power optimisation and monitoring system that can be preset for automatic operation or managed manually. Ideal for controlling whole suburbs, a number of streets or even running changes or diagnostics on a single light pole.

The Marexim Futura EFL Street Light Series is unrivalled with this total lighting solution. It has by far the lowest cost of ownership and will continue to repay for many years in to the future.

It can also be supplied at a 1900K colour temperature which is similar to that of a High Pressure Sodium street light. This is significant as it allows for the immediate retrofit of all street lights under current legislation.

An easy quick-fix retrofit kit allows for old HPS, Mercury Vapour or other HID cobra heads to be removed and replaced with the Futura range in minimal time and with minimal effort.

The sooner the change to Marexim Futura EFL Street Lights is made, the sooner that the money from savings in reduced power usage and reduced maintenance can start.

Solar power variants also available by request.

TYPICAL APPLICATIONS

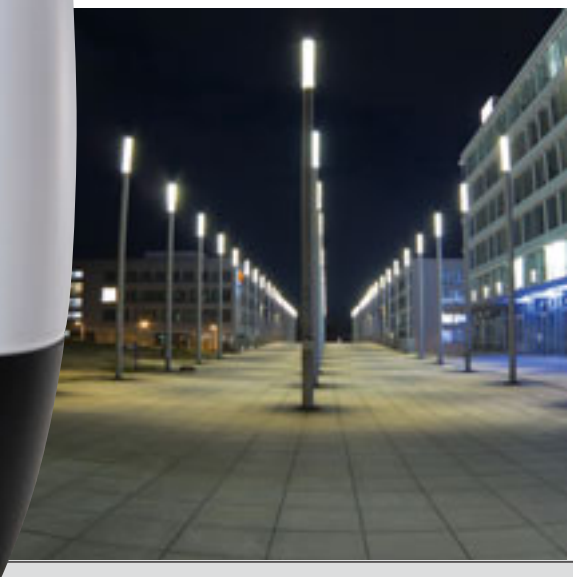
- Motorways, highways and streets
- Car parks
- Recreational parks and reserves
- Walkways and court yards

Maximum Pole Height	4m	6m	8m	10m	12m	18m
Futura Street Light Square Head:						
Order Code with Tempered Flat Glass Lens	EFL-SLSH4-TFL	EFL-SLSH6-TFL	EFL-SLSH8-TFL	EFL-SLSH10-TFL	EFL-SLSH12-TFL	EFL-SLSH18-TFL
Order Code with Convex Polycarbonate Lens	n/a	n/a	n/a	EFL-SLSH10-CPL	EFL-SLSH12-CPL	EFL-SLSH18-CPL
Maximum Power Drawn @ 100%	75W	110W	160W	210W	263W	420W
Minimum Power Drawn @ 30%	23W	33W	48W	63W	79W	126W
Lamp (included)	EFL-SQ70	EFL-SQ100	EFL-SQ150	EFL-SQ200	EFL-SQ250	EFL-SQ400
Ingress Protection (IP)	IP55	IP55	IP55	IP65	IP65	IP65
Futura Street Light Circle Head:						
Order Code with Tempered Flat Glass Lens	EFL-SLCH4-TFL	EFL-SLCH6-TFL	n/a	n/a	n/a	
Order Code with Convex Polycarbonate Lens	n/a	n/a	EFL-SLCH8-CPL	EFL-SLCH10-CPL	EFL-SLCH12-CPL	
Maximum Power Drawn @ 100%	75W	110W	160W	210W	263W	
Minimum Power Drawn @ 30%	23W	33W	48W	63W	79W	
Lamp (included)	EFL-CIR70	EFL-CIR100	EFL-CIR150	EFL-CIR200	EFL-CIR250	
Ingress Protection (IP)	IP55	IP55	IP65	IP65	IP65	
Common Data:						
Power Factor (PF)	PF > 0.99					
Colour Temperature Options in Degrees Kelvin (K)	1900K~6500K					
Estimated Life	20yrs					
Minimum Operating Temperature (°C/°F)	-40°C/-40°F					
Maximum Operating Temperature (°C/°F)	50°C/122°F					
Standard Zero Maintenance Warranty Option (years)	5yrs					
Extended Zero Maintenance Warranty Option (years)	10yrs					
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V					
Dimming Options	Full Control Dimming and Power Management System					
Manufacture	Pressure Injected Diecast Aluminium					
Reflector	Anodised Aluminium for Increased Efficiency					
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated					

marexim

BOONIE

LANTERN MODERN TALL



PARK LIGHT SERIES

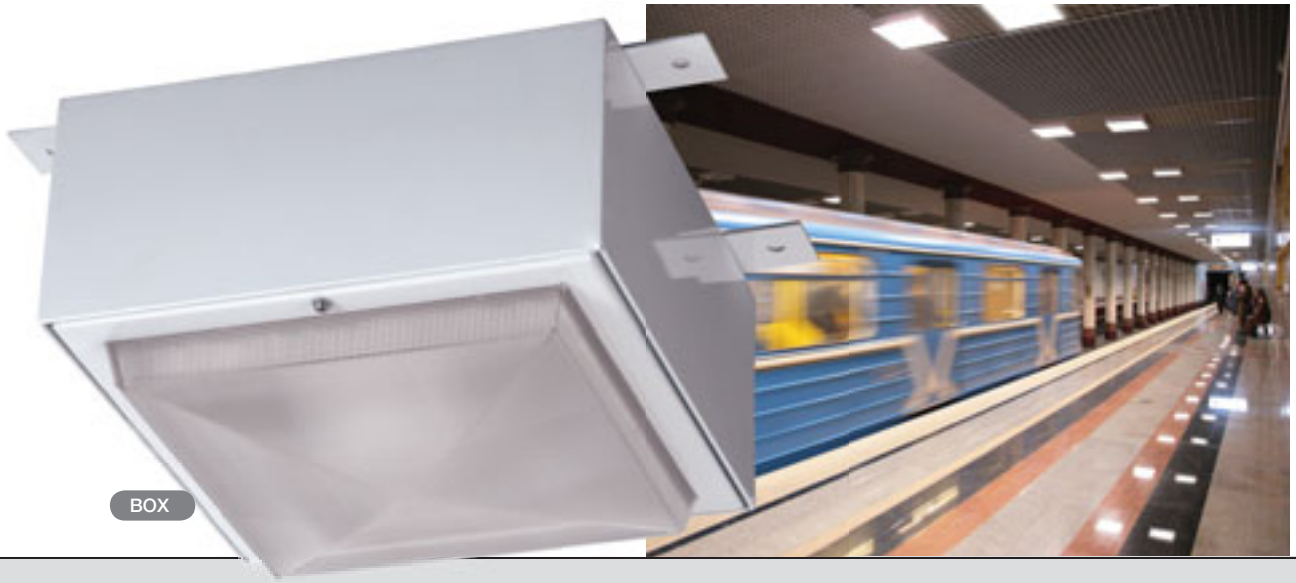
APPLICATIONS

- Outside commercial and business buildings
- Supermarkets, plazas and malls
- School and public complexes
- Parks, walkways and court yards
- Gardens
- Recreational areas

	TOP HAT SERIES			LANTERN SERIES		
				TRADITIONAL		MODERN
	BOWLER	BERET	BOONIE	Round	Square	Tall
Order Codes	EFL-PL-BOWLER	EFL-PL-BERET	EFL-PL-BOONIE	EFL-PL-LTR	EFL-PL-LTSQ	EFL-PL-LMT
Maximum Power Drawn @ 100%	90W	90W	110W	90W	90W	90W
Minimum Power Drawn @ 30%	27W	27W	33W	27W	27W	27W
Lamp (included)	EFL-SP85	EFL-SP85	EFL-CIR100	EFL-SP85	EFL-SP85	EFL-SP85
Ingress Protection (IP)	IP54	IP54	IP65	IP54	IP54	IP65
Maximum Recommended Mounting Height	4m	4m	6m	4m	4m	4m
Lens Type	Opal Glass	Opal Glass	Impact Resistant Polycarbonate	Prismatic Glass	Frosted Glass	Impact Resistant Polycarbonate

Common Data:

Power Factor (PF)	PF > 0.99
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K
Estimated Life	20yrs
Minimum Operating Temperature (°C/°F)	-40°C/-40°F
Maximum Operating Temperature (°C/°F)	50°C/122°F
Standard Zero Maintenance Warranty Option (years)	5yrs
Extended Zero Maintenance Warranty Option (years)	10yrs
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V
Dimming Options	Full Control Dimming and Power Management System
Manufacture	Pressure Injected Diecast Aluminium
Reflector	Anodised Aluminium for Increased Efficiency
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated



UNDER COVER LIGHT SERIES - SURFACE MOUNT

APPLICATIONS

- Parking buildings
- Gas stations
- Schools
- Malls
- Under verandahs and walkways
- Train stations and subways

	BOX	BOX65	CUBE	WHEEL	BLOCK
Order Codes	EFL-UC-BOX	EFL-UC-BOX65	EFL-UC-CUBE	EFL-UC-WHEEL	EFL-UC-BLOCK54
Maximum Power Drawn @ 100%	90W	110W/160W	90W/110W	90W/110W	90W
Minimum Power Drawn @ 30%	27W	33W/48W	27W/33W	27W/33W	27W
Maximum Powered Lamp (other sizes by request)	EFL-SP85	EFL-SQ100/150	EFL-SP85/CIR100	EFL-SP85/CIR100	EFL-SP85
Ingress Protection (IP)	IP43	IP65	IP43	IP43	IP54
Common Data:					
Power Factor (PF)	PF > 0.99				
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K				
Estimated Life	20yrs				
Minimum Operating Temperature (°C/°F)	-40°C/-40°F				
Maximum Operating Temperature (°C/°F)	50°C/122°F				
Standard Zero Maintenance Warranty Option (years)	5yrs				
Extended Zero Maintenance Warranty Option (years)	10yrs				
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V				
Dimming Options	Full Control Dimming and Power Management System				
Reflector	Anodised Aluminium for Increased Efficiency				
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated				
Lens Type	Impact Resistant Polycarbonate				

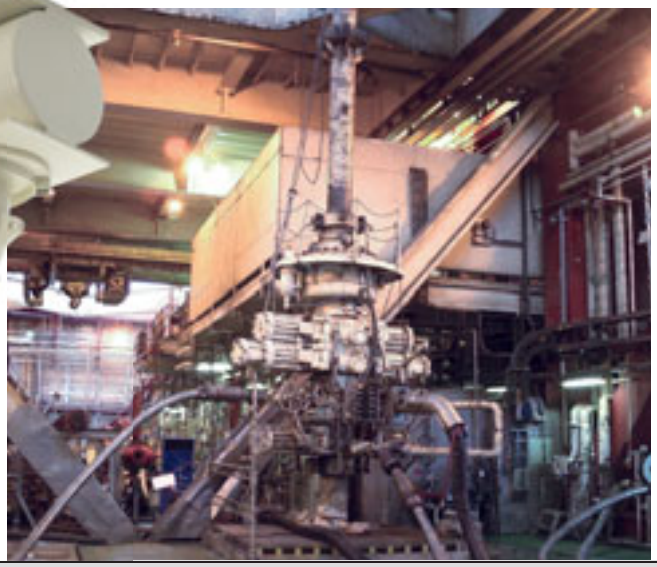
SECURITY FLOOD LIGHT SERIES

APPLICATIONS

- Billboards, buildings
- Plazas
- Schools
- Parks
- Pool areas
- Tennis courts
- Parking lots
- Security
- Ports and container facilities
- Outdoor facilities

	FLOOD100	FLOOD150
Order Codes	EFL-SF100	EFL-SF150
Maximum Power Drawn @ 100%	110W	160W
Minimum Power Drawn @ 30%	33W	48W
Maximum Powered Lamp (other sizes by request)	EFL-SQ100	EFL-SQ150
Ingress Protection (IP)	IP65	IP65
Common Data:		
Power Factor (PF)	PF > 0.99	
Colour Temperature Options in Degrees Kelvin (K)	1900K~6500K	
Estimated Life	20yrs	
Minimum Operating Temperature (°C/°F)	-40°C/-40°F	
Maximum Operating Temperature (°C/°F)	50°C/122°F	
Standard Zero Maintenance Warranty Option (years)	5yrs	
Extended Zero Maintenance Warranty Option (years)	10yrs	
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V	
Dimming Options	Full Control Dimming and Power Management System	
Reflector	Anodised Aluminium for Increased Efficiency	
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated	
Emergency Lighting	Optional Battery Backup for Maintained Emergency Lighting Systems	
Lens Type	Tempered Flat Glass Lens	
Manufacture	Pressure Injected Diecast Aluminium	

GOOSE



EXPLOSION-PROOF LIGHT SERIES

R100,150

APPLICATIONS

- Petrochemical plants, rigs and laboratories
- Pharmaceutical labs
- Flammable gas areas
- Research centres
- Explosives industry
- Mining operations

DOWN

	Lantern Series		Troffer Series	
Order Codes	EFL-EPL-GOOSE	EFL-EPL-DOWN	EFL-EPT-R100	EFL-EPT-R150
Maximum Power Drawn @ 100%	90W	90W	110W	160W
Minimum Power Drawn @ 30%	27W	27W	33W	48W
Maximum Powered Lamp (other sizes by request)	EFL-SP85	EFL-SP85	EFL-SQ100/CIR100	EFL-SQ150/CIR150
Ingress Protection (IP)	IP67	IP67	IP67	IP67
Explosion Proof Classification	Class 1 DIV. 1 Ex d II T3 d2G4		Class 1 DIV. 1 Ex d II T4 d2G4	
Dimensions Available	max. 300mm x 530mm x 670mm		740mm x 540mm x 220mm	

Optional Battery Backup for Maintained Emergency Lighting Systems

Common Data:

Compliant to:	ETL / ENEC / CE / IEC regulations
Certifiable to:	IEC695-2-2 and IEC60898-1 plus EN55015, EN61547, EN61000-3-2
Power Factor (PF)	PF > 0.99
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K
Estimated Life	20yrs
Minimum Operating Temperature (°C/°F)	-40°C/-40°F
Maximum Operating Temperature (°C/°F)	50°C/122°F
Standard Zero Maintenance Warranty Option (years)	5yrs
Extended Zero Maintenance Warranty Option (years)	10yrs
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V
Dimming Options	Full Control Dimming, Sensor and Power Management System
Reflector	Anodised Aluminium for Increased Efficiency
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated
Lens Type	Tempered Heat Strengthened and Resistant Glass Lens
Vapour Tight Couplings	Sloped surfaces and gasketed access plates for vapour tight couplings and connections
Manufacture	Pressure Injected Diecast Aluminium

CLEANROOM LIGHT SERIES

APPLICATIONS

- Petrochemical, pharmaceutical and medical labs
- Containment and quarantine areas
- Research centres
- Electronics industry
- Hospitals and operating theatres
- Aerospace industry

	Troffer Series			
Order Codes	EFL-CRT-R100	EFL-CRT-R150	EFL-CRT-R200	EFL-CRT-R400
Maximum Power Drawn @ 100%	110W	160W	210W	420W
Minimum Power Drawn @ 30%	33W	48W	63W	126W
Maximum Powered Lamp (other sizes by request)	EFL-SQ100/CIR100	EFL-SQ150/CIR150	EFL-SQ200/CIR200	EFL-SQ400
Ingress Protection (IP)	IP67	IP67	IP67	IP67
Cleanroom Classification and Suitability	Class: 10(M2.5), 100(M3.5), 1000(M4.5) and 10,000(M5.5)			

Optional Battery Backup system for Maintained Emergency Lighting systems

Common Data:

Compliant to:	ETL / ENEC / CE / IEC regulations
Certifiable to:	IEC695-2-2 and IEC60898-1 plus EN55015, EN61547, EN61000-3-2
Power Factor (PF)	PF > 0.99
Colour Temperature Options in Degrees Kelvin (K)	2700K~6500K
Estimated Life	20yrs
Minimum Operating Temperature (°C/°F)	-40°C/-40°F
Maximum Operating Temperature (°C/°F)	50°C/122°F
Standard Zero Maintenance Warranty Option (years)	5yrs
Extended Zero Maintenance Warranty Option (years)	10yrs
Dimensions Available	702mm x 542mm x 101mm / 742mm x 542mm x 172mm / 1360mm x 542mm x 172mm
Available Voltages	Available in 100 -140V / 200 - 250V / 255 - 300V
Dimming Options	Full Control Dimming, Sensor and Power Management System
Reflector	Anodised Aluminium for Increased Efficiency
Corrosion Resistance	Anti-corrosion Treatment and Electrostatic Powder Coated
Lens Type	Tempered Heat Strengthened and Resistant Glass Lens
Vapour Tight Couplings	Sloped surfaces and gasketed access plates for vapour tight couplings and connections
Manufacture	Pressure Injected Diecast Aluminium

ENVIRONMENTAL SIGNS CONTINUE TO WARN US OF OUR OWN IMPACT ON THE WORLD WE CALL HOME.
THE MAREXIM FUTURA RANGE PRESENTS US WITH THE MOST CERTAIN WAY THAT WE CAN MAKE A POSITIVE DIFFERENCE.

THE SUCCESS OF A LIGHTING SYSTEM IS DETERMINED BY THE SUM OF ALL THE PARTS.

THE RELIABILITY OF A SYSTEM IS SOLELY DETERMINED BY THE STRENGTH OF EACH INDIVIDUAL PART.

POWER SUPPLIES AND CONTROLLERS

74 LED DC DRIVERS

75 LED CONTROLLERS

76 TRANSFORMERS

78 SPECIALIST TRANSFORMERS

79 DIMMERS

LED-DRIVER12V-15W

LED DC DRIVERS

LED products generally operate on either 90-240V (mains) or 12/24V (low voltage). Those which are operable on mains do not require a dedicated driver. Some low voltage products can operate on existing lighting transformers, but those needing a DC supply require a dedicated LED Driver.

The Marexim range of drivers 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

We recommend fitting LED-PROTECTOR to circuits to further manage voltage spikes and surges.

Order Code	Input Voltage V	Output Voltage V	Output Power Range W	Protection Class	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	IP66	70 x 60 x 26	0.21
LED-DRIVER24V-25W	90-264	24	2.5 - 25	IP66	70 x 60 x 26	0.21
LED-DRIVER12V-40W	90-264	12	4 - 40	IP66	95 x 70 x 32	0.37
LED-DRIVER15V-40W	90-264	15	4 - 40	IP66	95 x 70 x 32	0.37
LED-DRIVER12V-60W	90-264	12	6 - 60	IP66	184 x 63 x 40	0.60
LED-DRIVER12V-240W	90-264	12	24-240	IP64	231 x 152 x 75	4.0
LED-DRIVER24V-240W	90-264	24	24-240	IP64	231 x 152 x 75	4.0
LED-PROTECTOR	240	240	n/a	-	45 x 30 x 20	0.05

LED CONTROLLERS

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 considering a lighting scheme.

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

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

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-CONTROL

LED-RGB-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-LVBAR-CONTROL-27W	3 mtrs		7	•	110 x 40 x 90
LED-LVBAR-CONTROL-52W	6 mtrs		7	•	110 x 40 x 90
LED-LVBAR-CONTROL-78W	9 mtrs		7	•	110 x 40 x 90
LED-DMX-DECODER	various	•	16	•	82 x 38 x 21

INDOOR AND OUTDOOR TRANSFORMERS

50,000 HOUR

The Marexim Relco range of transformers offers the distributor and installer a complete choice. Safety comes as standard throughout the entire range, with more built-in features than any other brand. Taking a chance on a transformer should never be an option. Ensuring you install the very best is what makes your customers prefer your service over any other. The latest surface mount device (SMD) technology allows some of the World's most compact designs to form this range, ensuring there's never a space too tight to install a Marexim Low Voltage Transformer.

The famous reliability of the Marexim Relco transformer is also available in a complete range for professional outdoor lighting design. With various options in both toroidal and electronic models, the very best fit-and-forget solutions are at your fingertips. Whether it's long distance for perimeter lighting, or submersible for use under water, no outdoor scheme should be installed without the very safest transformers available. With various sizes for use in confined or concealed spaces, there is no stone left unturned when it comes to the built-in features and benefits of the Marexim Outdoor Transformer range.

FEATURES

- 50,000 hour life
- Thermal & overload protection
- Surge & spike protection
- Dimmable

BENEFITS

- Safe
- Reliable
- Easy to install: large terminals
- Fit & Forget

TRANSFORMER APPLICATION TABLE

MODEL	APPLICATION							DIMMABLE WITH			
	Interior	Confined Space	Wet / Damp Rooms	Long Distance	120V & Marine *	Exterior	Underwater	Leading Edge	Trailing Edge	Press Mech	Potentiometer
MICROPLUS60	•	•	•					•	•		
MINIICE70	•	•						•	•		
ICE60	•							•	•		
PRO60	•							•	•		
ETV60	•				•				•		
ICE80	•							•	•		
ICE105	•							•	•		
ETV105	•				•				•		
ETV150	•				•				•		
ICE160	•							•	•		
ICE200	•							•	•		
ICE250	•								•		
HOLE70	•	•						•	•		
TORO	•			•					•		
FLAT100	•	•	•			•					•
ROBUR68						•	•		•		
TORIP				•		•			•		
DINOCC	•			•					•		
WIND	•									•	

Order Code	Power W	Input Voltage V (Primary)	Terminals			Dimming		Ingress Protection	Dimensions (mm) LxWxH
			Single End	Double End	Pre-Wired	Leading	Trailing		
Indoor Standard Dimmable Electronic Transformers									
MICROPLUS60	10-60	230/240	•			•	•		91 x 31 x 20
MINIICE70	20-70	230/240		•		•	•		114 x 31 x 20
ICE60PFS	10-60	230/240		•		•	•		145 x 38 x 28
PRO60VA	20-60	230/240	•		•	•	•		110 x 38 x 25
ETV60PF	10-60	110/120			•		•		65 x 35 x 20
ICE80PFS	20-80	230/240		•		•	•		145 x 38 x 28
ICE105PFS	20-105	230/240		•		•	•		145 x 38 x 28
ETV105PF	20-105	110/120			•		•		110 x 47 x 32
ETV150PF	20-150	110/120		•	•		•		110 x 47 x 32
ICE160PFS	100-160	230/240		•		•	•		184 x 41 x 38
ICE200PFS	100-200	230/240		•		•	•		185 x 46 x 38
ICE250PFS	100-250	230/240		•			•		225 x 50 x 39
Indoor Mini Round Dimmable Electronic Transformers									
HOLE70PFS	20-70	230/240			•	•	•		Ø 52 x 22
Indoor Toroidal Transformers									
TORO200DST	0-200	230/240		•			•		Ø 220 x 122
TORO300DST	0-300	230/240		•			•		Ø 220 x 122
TORO500DST	0-500	230/240		•			•		Ø 220 x 122
Indoor/Outdoor Weatherproof Electronic Transformers									
FLAT100/IP66	20-105	230/240			•	pot.	pot.	IP66	95 x 55 x 18
Waterproof Submersible Electronic Transformers									
ROBUR68	35-105	230/240			•	•	•	IP68	205 x 88 x 40
Inground Waterproof Toroidal Transformers									
TORIP6850DST	0-50	230/240			•		•	IP68	Ø 114 x 125
TORIP68100DST	0-100	230/240			•		•	IP68	Ø 114 x 125
TORIP68200DST	0-200	230/240			•		•	IP68	Ø 154 x 116
TORIP68300DST	0-300	230/240			•		•	IP68	Ø 154 x 116
TORIP68400DST	0-400	230/240			•		•	IP68	Ø 154 x 116

SPECIALIST TRANSFORMERS

50,000 HOUR

DINO LONG-DISTANCE 50-300VA

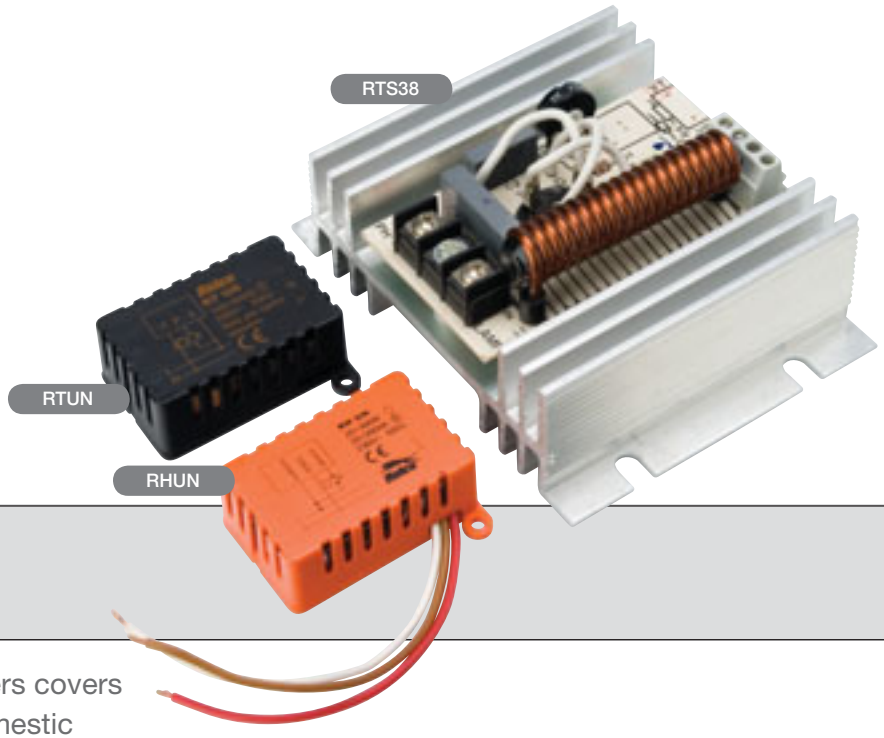
Certain applications call for a transformer to perform where others simply cannot. Generally speaking, electronic transformers are limited to being mounted a maximum of 2 metres away from a lamp. Where significantly greater distances are an issue, the Marexim DINO steps up to the task. With the ability to provide 12V DC up to 24 metres, this product is unique; and ideal for use with high-wire or track systems. Alternatively, entire rooms can be powered from just one central point for easy maintenance.

WIND SERIES WITH BUILT-IN DIMMER

The Marexim WIND transformer incorporates an electronic dimming system within one compact unit. No need for extra wiring or expensive intermediate or 2-Way switches, as this intelligent transformer can be controlled from as many points as you wish! A simple momentary-contact (press-mech or push-to-make) switch is all that is required. Cable is easily looped through the multiple terminals, ensuring the quickest possible installation of any low voltage dimming systems!

Order Code	Power W	Input Voltage V (Primary)	Terminals		Dimming		Dimensions (mm) LxWxH
			Single End	Double End	Leading	Trailing	
Long-Distance Electronic Transformer (Up to 24m)							
DINOCC	50-300	230/240		•		•	Ø 170 x 70
Electronic Transformer with built-in Multipoint Dimmer							
WIND60	35-60	230/240		•	*	*	190 x 43 x 38
WIND105	50-105	230/240		•	*	*	190 x 43 x 48
WIND160	75-160	230/240		•	*	*	185 x 46 x 38

* Wind transformer requires no additional dimming equipment. Activate linear dimming using only a standard press-mech / push-to-make switch.



DIMMERS

Marexim's extensive range of dimmers covers many different applications from domestic and light commercial through to industrial controls for fans. The RHUN and RTUN series of electronic multi-point dimmers are the size of a matchbox, and fit easily into flush boxes. Connected with a press mech/push-to-make switch, they allow dimming of both mains and low voltage lamps, up to 1200W per circuit. The high power RTS dimmers enable very high loads of up to 5kW to be controlled. This includes mains and low voltage lighting (with a toroidal transformer) and fans.

Order Code	Power W	Input Voltage V	Control Voltage V	Dimensions LxWxH (mm)
Multi-Point Electronic Dimmers				
RHUN	25-300	230/240	Mains or ELV	50 x 32 x 20
RH SLAVE UN	25-300	230/240	Mains or ELV	50 x 32 x 20
RTUN	10-500	230/240	Mains Only	50 x 32 x 20
High Power Industrial Dimmers & Fan Speed Controllers				
RTS37	600-1500	230/240	Mains or Toroidal ELV	70 x 60 x 35
RTS38	600-3000	230/240	Mains or Toroidal ELV	115 x 90 x 46
RTS40	600-5000	230/240	Mains or Toroidal ELV	115 x 150 x 46
EMC Filters for RTS Dimmers				
F7 (for RTS37)	600-1500	230/240	Mains Only	90 x 50 x 27
F1 (for RTS38)	600-3000	230/240	Mains Only	150 x 120 x 60
F2 (for RTS40)	500-5000	230/240	Mains Only	150 x 120 x 60

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Inquire whether you or your customer may be eligible.

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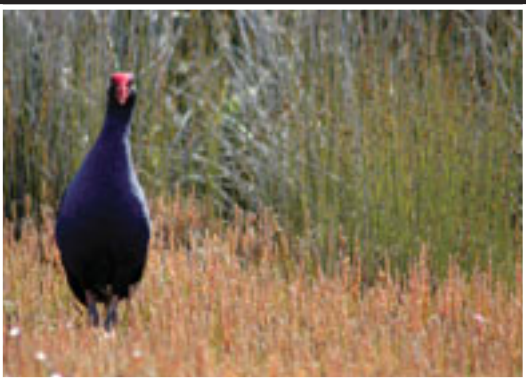

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RoHS Compliant

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