

LED

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Characteristics | Características

PRODUCT			COLORS					
IMAGE	MODEL	PAGE(S)	RGB	R	G	B	CW	WW
	Lofoten Ramberg & Flakstad	2, 3	✓	✓	✓	✓	✓	✓
	Lofoten Fjord	5		✓	✓	✓	✓	✓
	Lofoten Vikten & Moskenes	6		✓	✓	✓	✓	✓
	Linear Projectors	12, 13	✓	✓	✓	✓	✓	✓
	PAR56 Lamp (Fountains)	14	✓	✓	✓	✓	✓	✓
	PAR56 Lamp (Pools)	18	✓	✓	✓	✓	✓	✓
	PAR38 Lamp	17		✓	✓	✓	✓	✓
	STD Directional Projector	16	✓	✓	✓	✓	✓	✓
	STD Pool Projector	19, 20, 21	✓	✓	✓	✓	✓	✓
	Halospot Projector	16	✓	✓	✓	✓	✓	✓
	Adjustable Mini Projector	23	✓	✓	✓	✓	✓	✓
	Mini Recessed Projectors	23	✓	✓	✓	✓	✓	✓
	Mini Pool Projectors	26	✓	✓	✓	✓	✓	✓
	Micro Projectors	27	✓	✓	✓	✓	✓	✓
	Mini Adjustable Projectors	28	✓	✓	✓	✓	✓	✓
	Mini Quadro Projectors	24, 25	✓	✓	✓	✓	✓	✓
	Wet Location LED Projector	30		✓	✓	✓	✓	✓
	Waterproof LED Projector	30		✓	✓	✓	✓	✓
	Waterproof Miniature LED Projectors	31		✓	✓	✓	✓	✓
	LED Downlights	32		✓	✓	✓	✓	✓
	Dry Location LED Fittings	33		✓	✓	✓	✓	✓
	Miniature LED Downlights	34		✓	✓	✓	✓	✓
	High-power LED Fixtures	35					✓	✓

FEATURES			BEAM				POWER SUPPLY					
DMX	LT	IP	A	N	M	W	DRIVER	220/240V	12V AC	10V DC	350mA	700mA
	✓	68					✓	✓		✓	✓	✓
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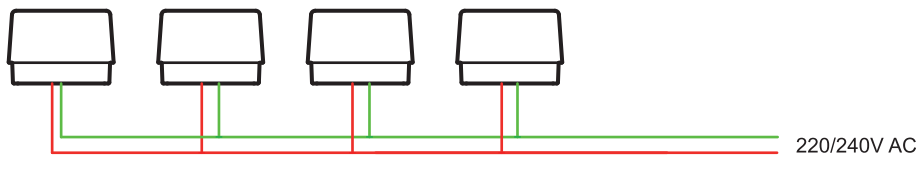


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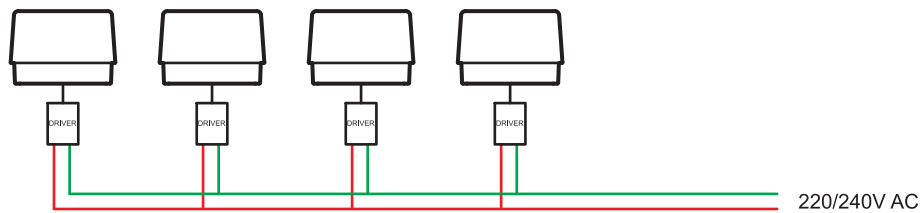
Advanced Research manufactures the Lofoten product range with a foremost concern for quality. All active parts, such as LED or drivers are genuine components from leading manufacturers. Lofoten units are certified to IP68 and IK10 for uses in wet areas or submerged, and individually tested for performance and usability. Technical sheets and consultancy services are available from our engineering department.

Advanced Research fabrica la gama Lofoten con astringente criterios de calidad. Los elementos activos, LEDs y fuentes de alimentación, son componentes originales de los principales fabricantes. Los productos Lofoten están certificados IP68 e IK10 para su instalación en zonas húmedas e incluso sumergidos. Sus características de funcionamiento y usabilidad son comprobadas individualmente. Nuestro departamento de ingeniería pone a su disposición amplia documentación técnica y servicios de consultoría.

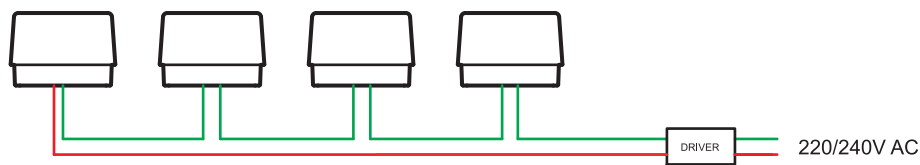
Mains Voltage Installation | Instalación a Tensión de Red



Individual Driver Installation | Instalación con Alimentador Individual



Centralized Driver Installation | Instalación con Alimentador Centralizado



Lofoten Ramberg IP68 | Lofoten Ramberg IP68



Recessed cube-shaped glass LED paver, for direct installation into floors or walls and perfect aesthetic results indoors or outdoors. Full range of installation accessories. IP68.

Bloque de vidrio cuadrado con sistema LED, para empotrar en paramentos exteriores o interiores. Resultado estético inmejorable. Amplia gama de accesorios de instalación. IP68.

SERIES	PRODUCT	POWER	VOLTAGE	LED	FINISH	DIMENSIONS
LOF170	Ramberg monocolor	1,3W	700mA	1	Frosted	L 100 x W 100 x H 70mm
LOF180*	Ramberg monocolor	4W	220/240V AC	1	Frosted	L 100 x W 100 x H 70mm
LOM130	Ramberg RGB	4,8W	350mA	3	Frosted	L 100 x W 100 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Other colors on request. * Only in white.



Lofoten Flakstad IP68 | Lofoten Flakstad IP68

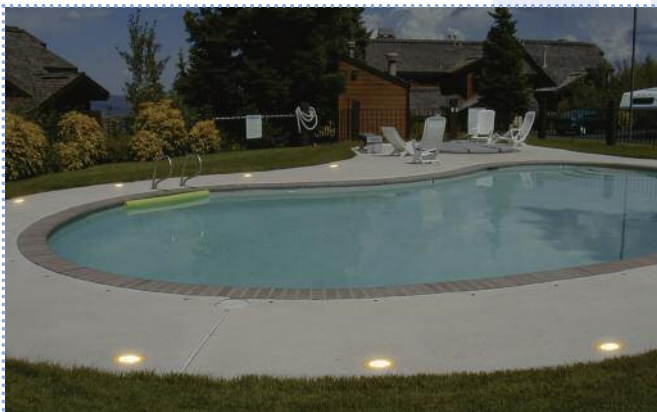
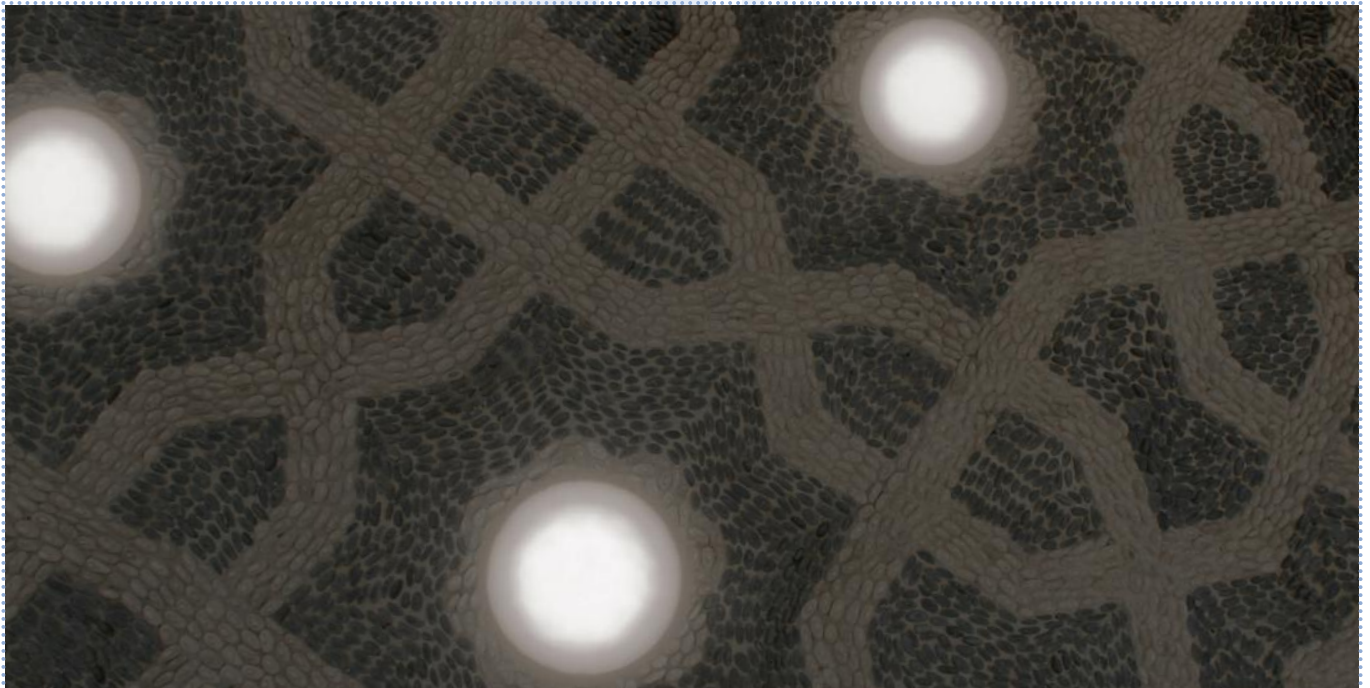


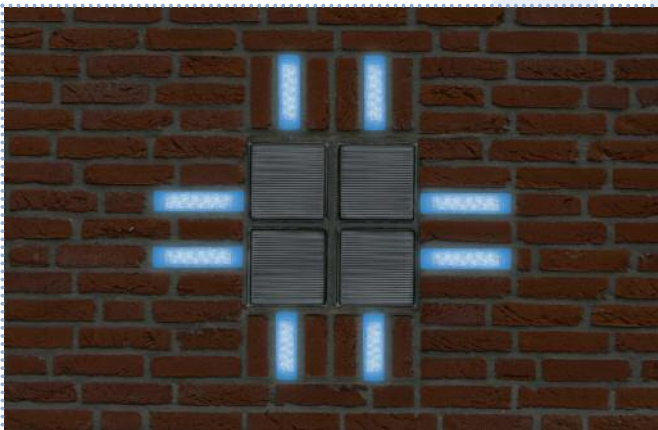
Recessed cylinder-shaped glass LED paver, for direct installation into floors or walls and perfect aesthetic results indoors or outdoors. Full range of installation accessories. IP68.

Bloque de vidrio redondo con sistema LED, para empotrar en paramentos exteriores o interiores. Resultado estético inmejorable. Amplia gama de accesorios de instalación. IP68.

SERIES	PRODUCT	POWER	VOLTAGE	LED	FINISH	DIMENSIONS
LOF270	Flakstad monocolor	1,3W	700mA	1	Frosted	Ø105 x H 70mm
LOF280*	Flakstad monocolor	4W	220/240V AC	1	Frosted	Ø105 x H 70mm
LOM230	Flakstad RGB	4,8W	350mA	3	Frosted	Ø105 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Other colors on request. * Only in white.







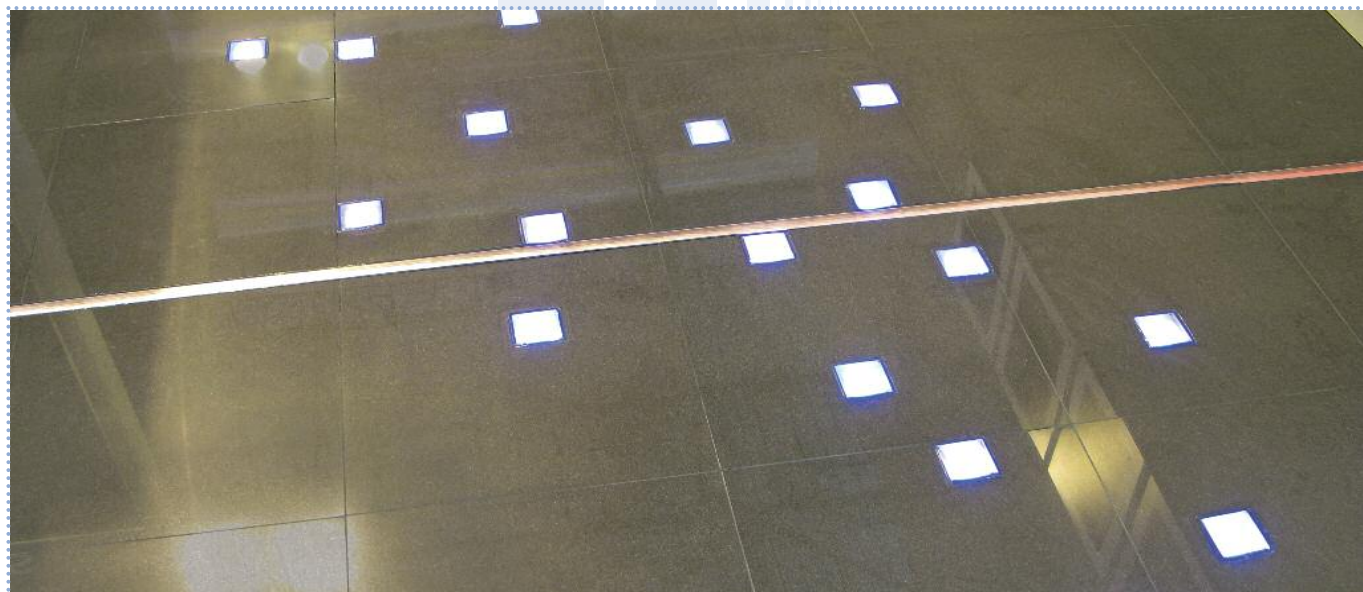
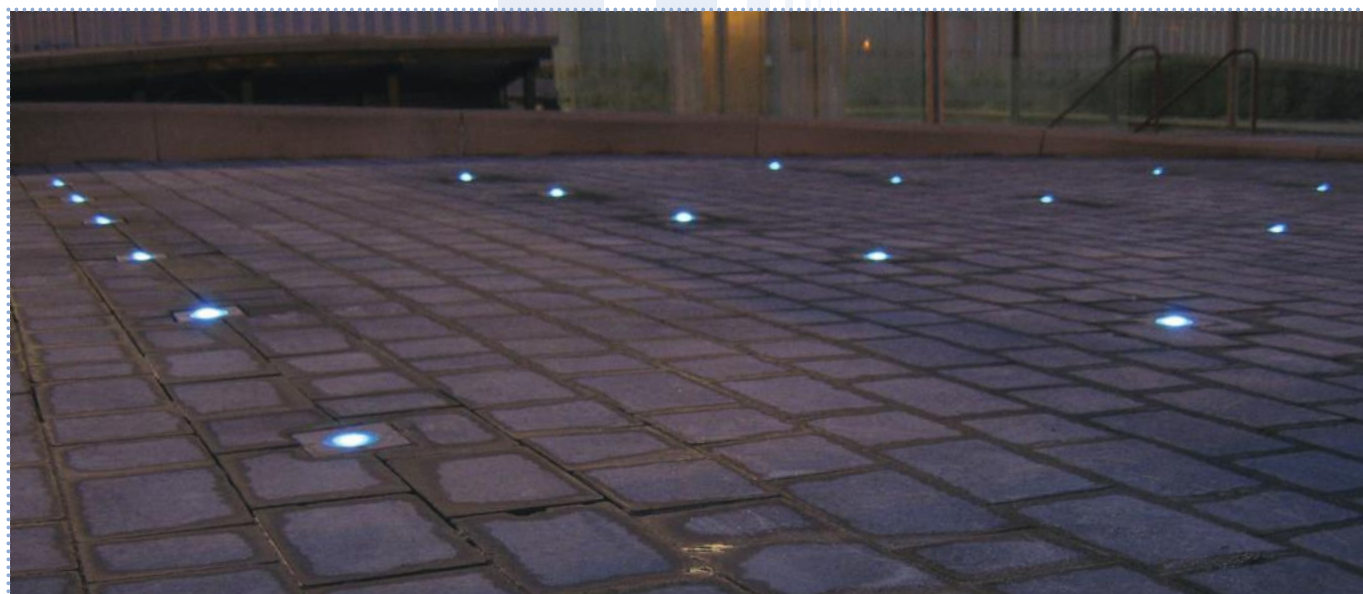
Lofoten Fjord IP68 | Lofoten Fjord IP68



Recessed mini cube-shaped glass LED paver, for direct installation into floors or walls and perfect aesthetic results indoors or outdoors. Full range of installation accessories. IP68.

Bloque de vidrio cuadrado de pequeñas dimensiones con sistema LED, para empotrar en paramentos exteriores o interiores. Resultado estético inmejorable. Amplia gama de accesorios de instalación. IP68.

SERIES	PRODUCT	POWER	VOLTAGE	LED	FINISH	DIMENSIONS
LOF570	Fjord monocolor	1,3W	700mA	1	Frosted	L 60 x W 60 x H 60mm
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow. Other colors on request.						



Lofoten Vikten & Moskenes IP68 | Lofoten Vikten y Moskenes IP68



Decorative rectangular and triangular shaped glass pavers on custom order only. Please check with our technical department for availability. IP68.

Bloques de vidrio decorativos con formas rectangular y triangular. Disponibles sólo para fabricación especial. Consulte con nuestro departamento técnico para disponibilidad. IP68.

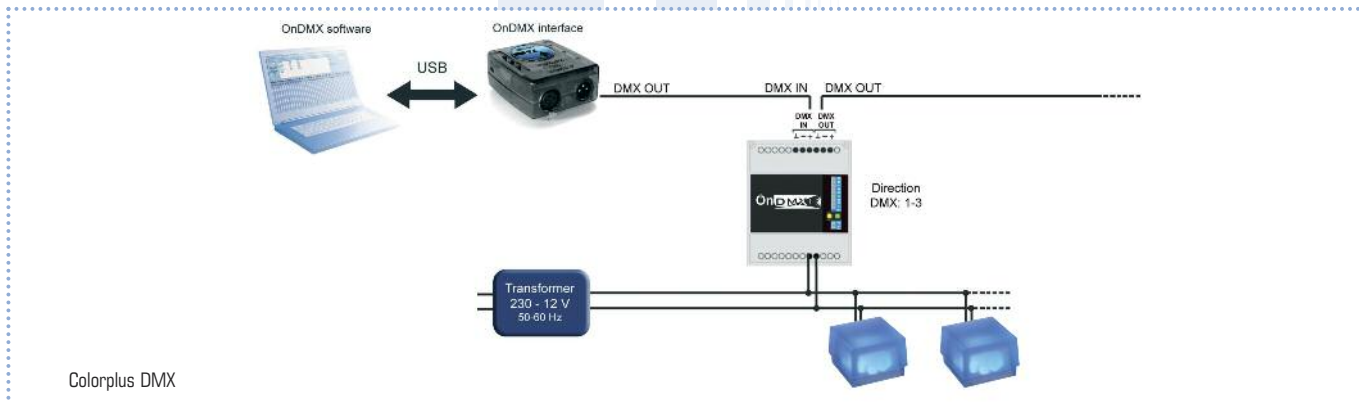
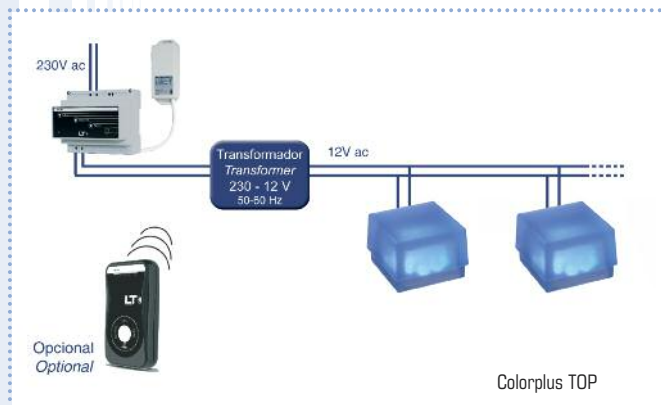
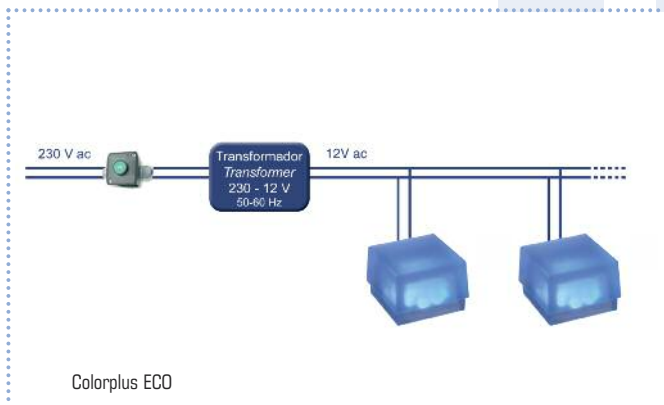
SERIES	PRODUCT	POWER	VOLTAGE	LED	FINISH	DIMENSIONS
LOF310	Vikten monocolor	3W	10V DC	20	Textured / frosted	L 240 x W 50 x H 60mm
LOF410	Moskenes monocolor	4,8W	10V DC	32	Textured / frosted	L 200 x W 200 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow. Other colors on request.

Lofoten RGB Control Systems | Sistemas de Control Lofoten RGB

Colorplus ECO and TOP systems require only a standard 12V AC transformer and a push button or remote control to operate using only two cables for power and signal. DMX installations need controllers and five conductors.

Los sistemas Colorplus ECO y TOP necesitan un transformador estándar de 12V AC y un pulsador o control remoto para su operación con sólo dos conductores para voltaje y señal. Las instalaciones DMX necesitan controladoras y cinco conductores.



Base Tubes and Fasteners | Postes y Anclajes



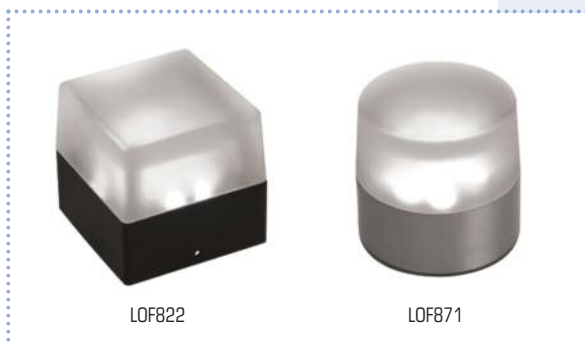
Range of square and round base tubes to create bollards with square or round glass pavers. Requires extension assembled onto the glass block.

Gama de tubos en sección cuadrada y redonda para la creación de postes o luminarias de superficie con bloques de vidrio cuadrados o cilíndricos. Necesita alargador acoplado al vidrio.

SERIES	PRODUCT	MATERIAL	FINISH
LOF800*	Ramberg bollard	Stainless steel	Brushed
LOF810*	Ramberg bollard	Stainless steel	Black epoxy
LOF850*	Flakstad bollard	Stainless steel	Brushed
LOF860*	Flakstad bollard	Stainless steel	Black epoxy
LOF701	Fixing spike	Stainless steel	Natural
LOF711	Concrete anchors	Steel	Natural

* Available in 100, 300 and 600mm lengths.

Extensions | Alargadores



Extension accessories for surface mounting of square or round pavers and for connection to bollard bases.

Gama de elementos alargadores para la instalación de los bloques de vidrio cuadrados y redondos en superficie, así cómo para su acoplamiento a los postes.

CODE	PRODUCT	MATERIAL	FINISH
LOF821	Ramberg extension	Stainless steel	Brushed
LOF822	Ramberg extension	Stainless steel	Black epoxy
LOF871	Flakstad extension	Stainless steel	Brushed
LOF872	Flakstad extension	Stainless steel	Black epoxy



Installation Boxes | Cajas de Instalación



LOP211



LOP221



LOP231

Installation burial boxes in zinc-plated CRS or AISI316 stainless steel for round or square pavers. Zinc plated installation boxes are not suitable for installation in wet areas, as they eventually rust. For outdoor installation we recommend AISI316 stainless steel boxes.

Cajas de instalación de empotrar en ALF zincado o acero inoxidable AISI316 para bloques de vidrio cuadrados o redondos. Las cajas de instalación de chapa cincada no son adecuadas para zonas húmedas, ya que sufren oxidación. Para instalaciones en exteriores recomendamos las cajas en acero inoxidable AISI316.

CODE	PRODUCT	MATERIAL	FINISH
LOP211	Ramberg installation box	Zinc plated CRS	Natural
LOP212	Ramberg installation box	AISI316 stainless	Natural
LOP221	Flakstad installation box	Zinc plated CRS	Natural
LOP222	Flakstad installation box	AISI316 stainless	Natural
LOP231	Fjord installation box	Zinc plated CRS	Natural
LOP232	Fjord installation box	AISI316 stainless	Natural



Connectors | Conectores



LOP201

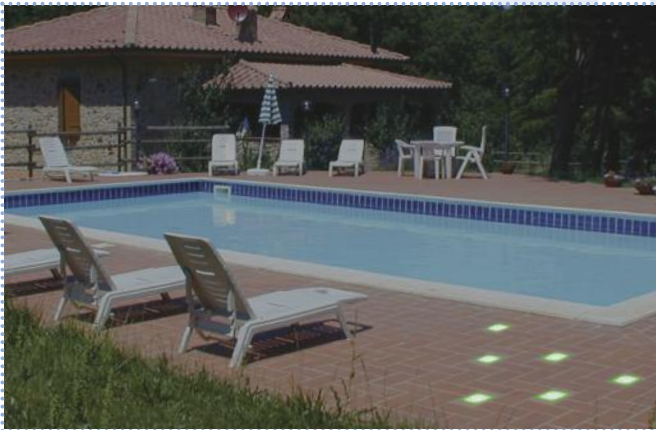


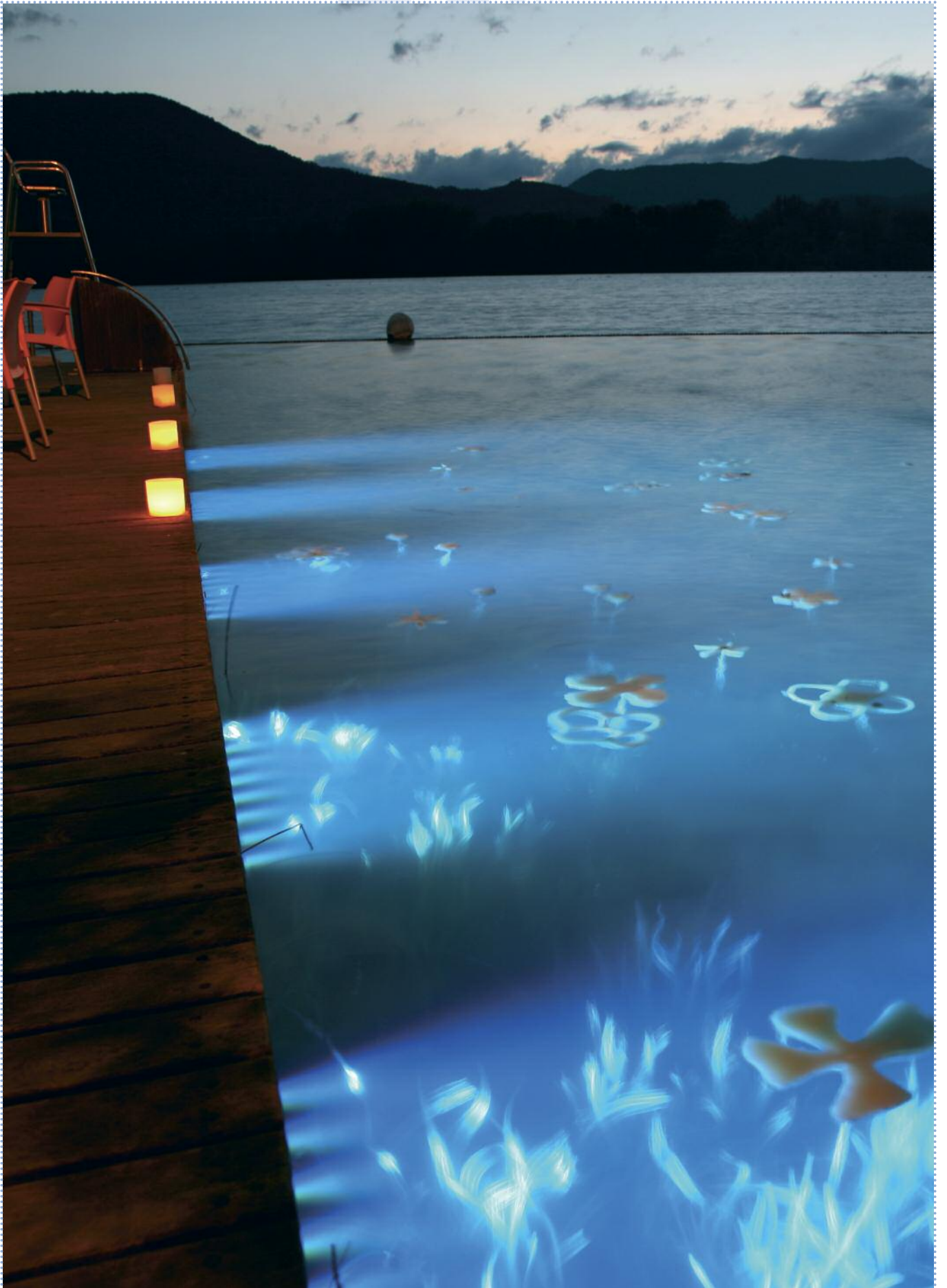
LOP202

Electrical connectors for paver installation with IP65 (T-Box) or IP68 (Paguro) ratings.

Conectores eléctricos para la instalación de bloques de vidrio con protecciones IP65 (T-Box) o IP68 (Paguro).

CODE	PRODUCT	MATERIAL	RATE
LOP201	T-box	Polymer	IP67
LOP202	Connection box	Polymer	IP68



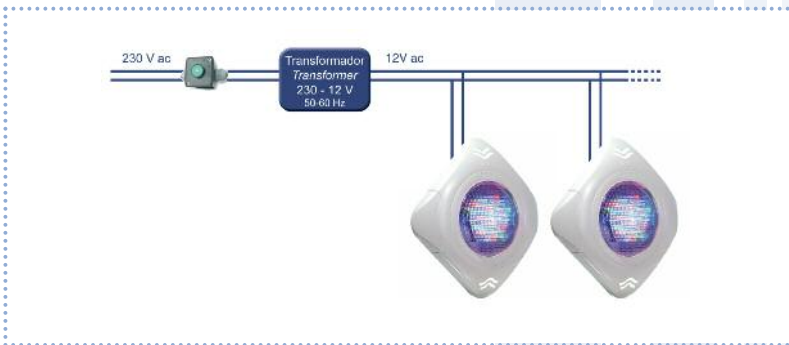


The AdLed is a top quality product range with high-luminosity LED, no maintenance, long life (up to 100,000 hours) IP68 rating for wet areas or underwater installation and the possibility of a simple color system using standard 12V AC transformers and without complex and costly wiring schemes. AdLed can be installed with three different control configurations: Basic, Total and DMX. Each On Led fixture is individually tested.

AdLed es una gama de productos de superior calidad con LEDs de alta luminosidad, sin mantenimiento, larga vida (hasta 100,000 horas) IP68 para exteriores o instalaciones sumergidas y la posibilidad de usar transformadores estándar a 12V AC sin complejos y costosos cableados. AdLed admite instalación con tres modos de cableado y control: Basic, Total y DMX. Cada luminaria AdLed se prueba individualmente.



AdLed Basic LT Wiring | Cableado AdLed LT Basic

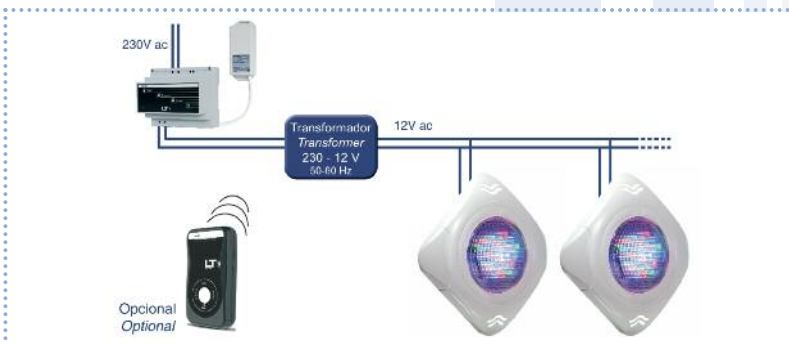


Basic LT wiring from a standard 12V AC transformer. Push-button control. The synchronizing signal for color change and access to in-built programs travels through the power cables.

Cableado LT Basic con sólo un transformador estándar de 12V AC. Control por pulsador. La señal de sincronismo para el cambio de color y los programas alojados en las luminarias usa los mismos cables de alimentación.



AdLed RC-LT Wiring | Cableado RC-LT

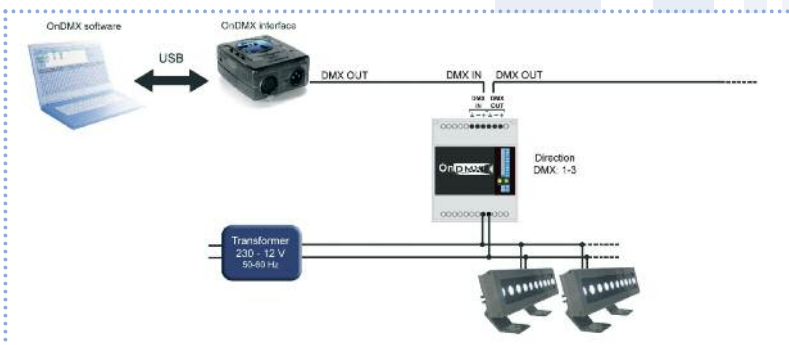


RC-LT wiring from a standard 12V AC transformer. Remote control. The synchronizing signal for color change and access to in-built programs travels through the power cables.

Cableado RC-LT con sólo un transformador estándar de 12V AC. Control por mando a distancia. La señal de sincronismo para el cambio de color y los programas alojados en las luminarias usa los mismos cables de alimentación.



AdLed DMX Wiring | Cableado AdLed DMX



For absolute control, DMX 512 wiring permits independent addressing of each fixture, millions of colors and infinite sequences.

Para control absoluto, el cableado con protocolo DMX 512 permite la programación independiente de cada luminaria, millones de colores y secuencias infinitas.



AdLed linear projectors, manufactured from light alloy with epoxy protective finishes. Available in different whites and single colors with a range of optics including elliptical configurations for wallwashing. Also available in RGB, for LT or DMX control. Temperature operating range -10° to $+65^{\circ}\text{C}$. Delivered with 3m power cord. Burial boxes in AISI316 stainless steel for flush installation on floors and walls available on request. IP68.

Projectores lineales AdLed, en aleación ligera con tratamiento epoxy antioxidante. Disponible en blancos de diferentes temperaturas y monocromáticos con amplia gama de ópticas, incluso asimétricas para baños de pared y fachadas. Disponibles en RGB para control LT o DMX. Temperatura de operación -10° a $+65^{\circ}\text{C}$. Se entrega con cable de 3m. Nichos de instalación en acero inoxidable AISI316 disponibles bajo demanda. P68.

SERIES	PRODUCT	COLOR	LED	VOLTAGE	FINISH	DIMENSIONS
LLP200	Linear LED projector	Monocolor	20 Luxeon K2	700mA	Epoxy	L 1000 x W 160 x H 120mm
LLP210	Linear LED projector	RGB	24 Luxeon K2	700mA	Epoxy	L 1000 x W 160 x H 120mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.





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SERIES	PRODUCT	COLOR	LED	VOLTAGE	FINISH	DIMENSIONS
LLP100	Linear LED projector	Monocolor	10 Luxeon K2	700mA	Epoxy	L 500 x W 160 x H 120mm
LLP110	Linear LED projector	RGB	12 Luxeon K2	700mA	Epoxy	L 500 x W 160 x H 120mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.



AdLed PAR 56 Fountain Projector IP68 | Proyector AdLed PAR 56 para Fuentes IP68

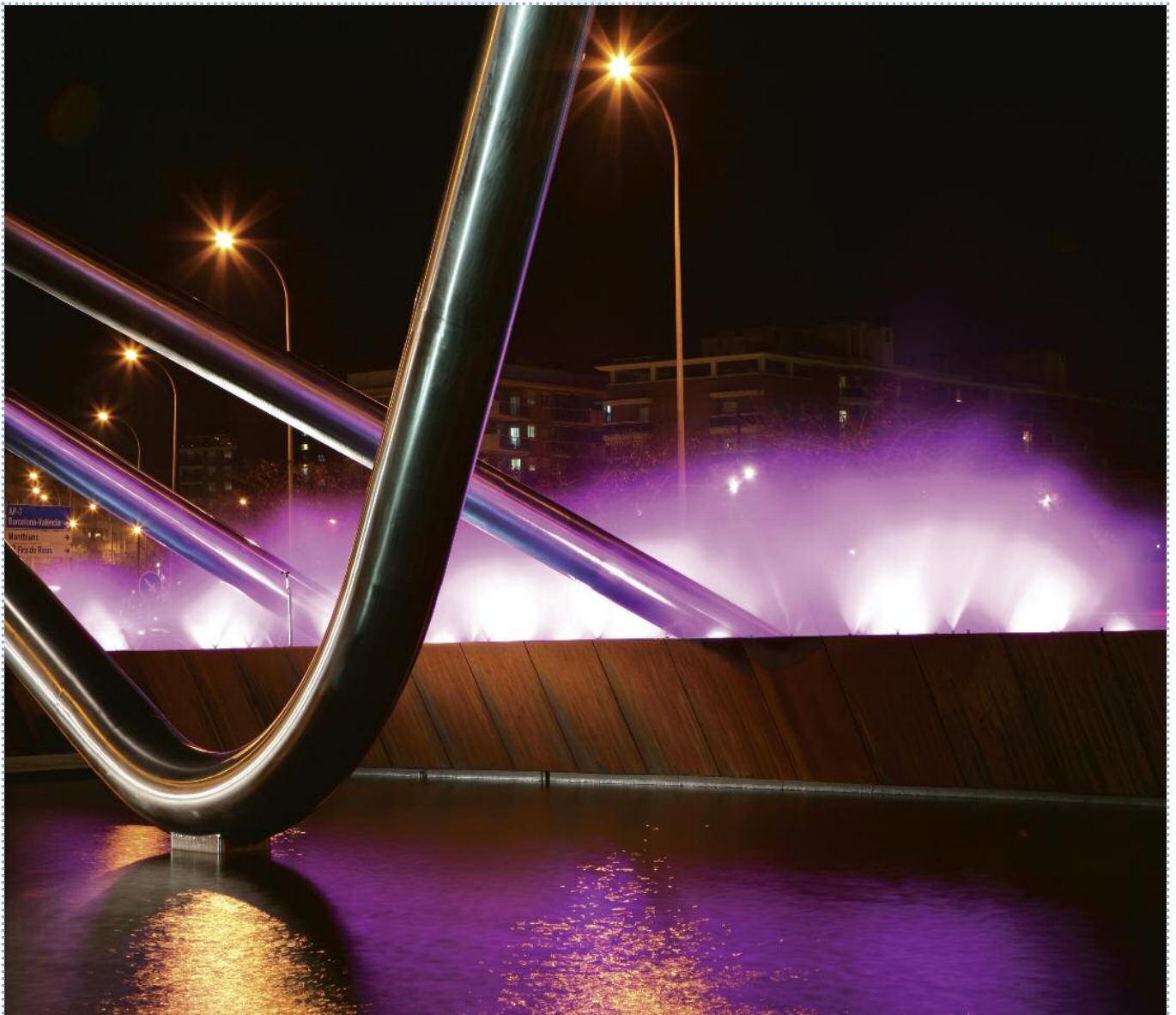


AdLed PAR56 12V AC lamp with a choice of medium or narrow-beam optics. Built in electronic circuits with programs in RGB models for color change and sequences. For waterworks and fountains. IP68.

Lámpara PAR56 a 12V AC con ópticas medias o concentradoras. Incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para fuentes y entornos acuáticos. IP68.

SERIES	PRODUCT	COLOR	LED	POWER	VOLTAGE	LUMENS
LLU230	LED lamp unit	Monocolor	27 Luxeon	60W	12V AC	1386
LLU240	LED lamp unit	RGB	27 Luxeon	60W	12V AC	1386

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow or medium optics.





AdLed PAR 56 Directional Fixture IP68 | Soporte Orientable AdLed PAR 56 IP68



Directional fixture for PAR56 lamps in cast light alloy with epoxy anti-corrosion finish and stainless steel fasteners. Supplied with cable. Does not include lamp. For waterworks and fountains. IP68.

Soporte orientable para lámparas PAR56 en fundición de aleación ligera con revestimiento anticorrosivo epoxi y tornillería de acero inoxidable. Se suministra con cable. Lámpara no incluida. Para fuentes y entornos acuáticos. IP68.

CODE	PRODUCT	LAMP	MATERIAL
PLA101	Directional fixture	PAR56	Light alloy

AdLed STD Directional Projector IP68 | Proyector Orientable AdLed STD IP68



STD adjustable projector with two axes of rotation. Manufactured in AISI316 stainless steel for harsh or marine environments. Built in electronic circuits with programs in RGB models for color change and sequences. For waterworks and fountains. IP68.

Proyector orientable STD con dos ejes de rotación. Fabricado en acero inoxidable AISI316 para entornos hostiles o marinos. Incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para fuentes y entornos acuáticos. IP68.

SERIES	PRODUCT	INSTALLATION	VOLTAGE	MATERIAL
FLF100	Fountain projector monocolor	Underwater only	Driver	AISI316 stainless
FLF110	Fountain projector RGB	Underwater only	Driver	AISI316 stainless

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow. RGB.



AdLed Halospot Projector IP68 | Proyector AdLed Halospot IP68



Halospot directional projector with different optics for wide, medium or narrow beam. manufactured from light alloy with stainless steel fasteners. Built in electronic circuit with programs in RGB models for color change and sequences. For waterworks and fountains. IP68.

Proyector orientable Halospot con diversas ópticas para haces anchos, medios o estrechos, fabricado en fundición de aleación ligera con tornillería de acero inoxidable. Incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para fuentes y entornos acuáticos. IP68.

SERIES	PRODUCT	INSTALLATION	VOLTAGE	MATERIAL
FLF300	Fountain projector monocolor	Underwater only	Driver	Light alloy
FLF310	Fountain projector RGB	Underwater only	Driver	Light alloy

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.

AdLed PAR38 IP68 Lamp | Lámpara PAR38 AdLed IP68



PAR38 underwater lamp for installation to a maximum depth of 2m. E27 lamp holder. Available only in single colors. IP68.

Lámpara sumergible PAR38, para instalación a una profundidad máxima de 2m. Portalámparas E27. Disponible únicamente en colores fijos. IP68.

SERIES	PRODUCT	COLOR	LED	POWER	VOLTAGE	LUMENS
LLU100	LED lamp unit	Monocolor	10 Luxeon Rebel	40W	12V AC	800
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow.						



AdLed PAR38 Directional Fixture IP68 | Soporte Orientable PAR38 AdLed IP68

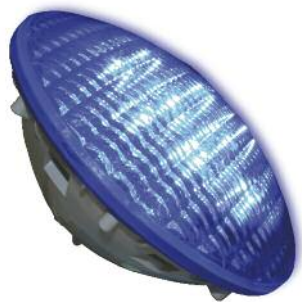


Directional fixture for PAR38 lamp, manufactured in sandblasted stainless steel for underwater installation in fountains and waterworks. Supplied with cable. Does not include lamp. IP68.

Soporte orientable para lámpara PAR38, fabricado en acero inoxidable arenado, para instalaciones sumergidas en fuentes y entornos acuáticos. Se suministra con cable. Lámpara no incluida. IP68.

CODE	PRODUCT	LAMP	MATERIAL
PLA102	Directional fixture	PAR38	Stainless steel

AdLed PAR56 IP68 Pool Lamp | Lámpara para Piscinas PAR56 AdLed IP68



AdLed PAR 56 12V AC pool lamp. Built in electronic circuit with programs in RGB models for color change and sequences. For pools indoor and outdoor, spas and artificial lakes. IP68.

Lámpara PAR56 a 12V AC. Incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para piscinas interiores y exteriores, spas y lagos artificiales. IP68.

SERIES	PRODUCT	COLOR	LED	POWER	VOLTAGE	LUMENS
LLU200	LED lamp unit	Monocolor	27 Luxeon	60W	12V AC	1215
LLU210	LED lamp unit	RGB	27 Luxeon	60W	12V AC	1116

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB.

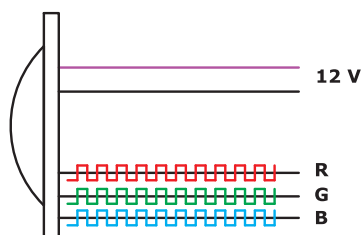


AdLed PAR56 IP68 Pool Lamp | Lámpara para Piscinas PAR56 AdLed IP68

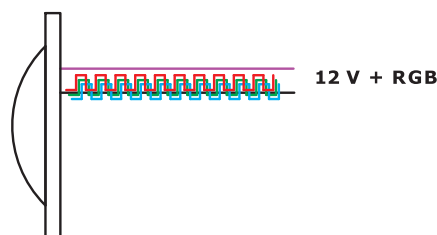
The LT carrier is a system to control electronic devices through carrier signals sharing the electric power wiring. A standard RGB system requires 2 cables for the power supply plus 3 or more cables to deliver the control signal to each of the primary-color LEDs. The LT system uses only the power cables to transport both, electricity and control signal. As a result, the LT RGB installation costs a fraction of conventional RGB systems. Replacing existing halogen PAR56 lamps in pools, with a dramatic RGB color changing system can be carried out in one hour, using the same wiring and transformers, only replacing the lamps.

El sistema LT sirve para controlar dispositivos electrónicos por portadoras que comparten los cables eléctricos. Un sistema convencional de RGB necesita 2 cables para la alimentación eléctrica y tres o más para las señales de control a los LEDs de colores primarios. El sistema LT usa los cables de alimentación para transportar tanto la electricidad como la señal a los LEDs. Por consiguiente, la instalación RGB LT es mucho más económica que una instalación RGB convencional. En una piscina iluminada con lámparas PAR56 halógenas estándar, el cambio a dramático RGB se efectúa en una hora utilizando el cableado y transformadores existentes, tan sólo reemplazando las lámparas.

5-Cable Traditional System



2-Cable LT System



AdLed STD Pool Projector IP68 | Proyector STD Piscina AdLed IP68



For installation in any type of pool. Needs recessed niche for flushmounting. The PAR56 LED lamp has built in electronic circuits with programs in RGB models for color change and sequences. For pools indoor and outdoor, spas and artificial lakes. IP68.

Para instalación en cualquier tipo de piscina. Necesita nicho para empotrar. La lámpara PAR56 incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para piscinas interiores y exteriores, spas y lagos artificiales. IP68.

SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
WLP100	LED projector	12V AC	Round	Niche	White ABS
WLP150	LED projector	12V AC	Square	Niche	White ABS

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB.

Front plate also in stainless steel. On request we have models for all types of pools: liner, prefabricated, concrete or Parker.





AdLed STD Pool Projector Surface Mount IP68 | Proyector STD Piscina de Superficie AdLed IP68



For installation in any type of pool. Surface mounted, doesn't need recessed niche. The PAR56 LED lamp has built in electronic circuit with programs in RGB models for color change and sequences. For pools indoor and outdoor, spas and artificial lakes. IP68.

Para instalación en cualquier tipo de piscina. Para instalación de superficie. No necesita nicho. La lámpara PAR56 incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para piscinas interiores y exteriores, spas y lagos artificiales. IP68.

SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
WLP130	LED projector	12V AC	Round	Surface	White ABS
WLP160	LED projector	12V AC	Square	Surface	White ABS

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB.

Front plate also in stainless steel. On request we have models for all types of pools: liner, prefabricated, concrete or Parker.

AdLed STD Inox Pool Projector IP68 | Proyector STD Inox Piscina AdLed IP68



Projector STD manufactured in AISI316 stainless steel. Includes recessed niche for flush mounting. The PAR56 LED lamp has built in electronic circuits with programs in RGB models for color change and sequences. For any type of indoor or outdoor pool, spas and artificial lakes. IP68.

Proyector STD fabricado en acero inoxidable AISI316. Incluye nicho de empotrar. La lámpara PAR56 incorpora circuito electrónico y programación con secuencias y cambio de color en los modelos RGB. Para piscinas interiores y exteriores, spas y lagos artificiales.

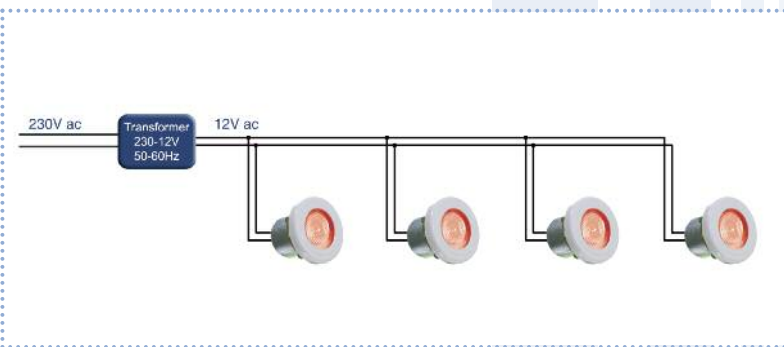
SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
WLP110	LED projector	12V AC	Round	Niche	AISI316 stainless
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB.					



The AdLed Mini is a top quality product range with high-luminosity LED, no maintenance, long life (up to 100,000 hours) IP68 rating for wet areas or underwater installation and the possibility of using standard 12V AC transformers to power single color units. AdLed Mini can be installed with three different control configurations: Single Color, LT and DMX. Each On Led fixture is individually tested.

AdLed Mini es una gama de productos de superior calidad con LEDs de alta luminosidad, sin mantenimiento, larga vida (hasta 100,000 horas) IP68 para exteriores o instalaciones sumergidas y la posibilidad de usar transformadores estándar a 12V AC para los modelos monocolor. AdLed Mini admite instalación con tres modos de cableado y control: Monocolor, LT y DMX. Cada luminaria AdLed se prueba individualmente.

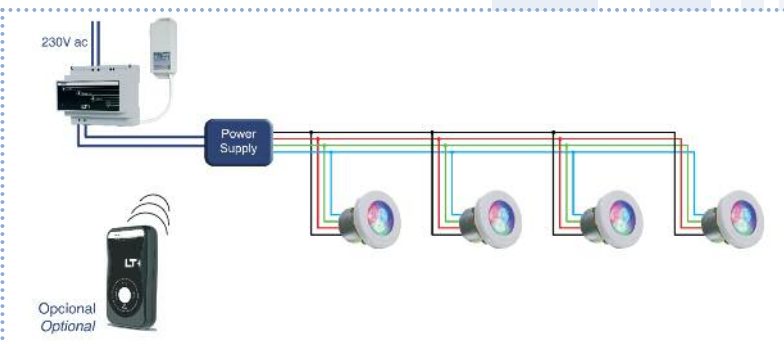
AdLed Mini Single Color Wiring | Cableado AdLed Mini Monocolor



Single color AdLed Mini wiring from a standard 12V AC transformer.

Cableado AdLed Mini monocolor con sólo un transformador estándar de 12V AC.

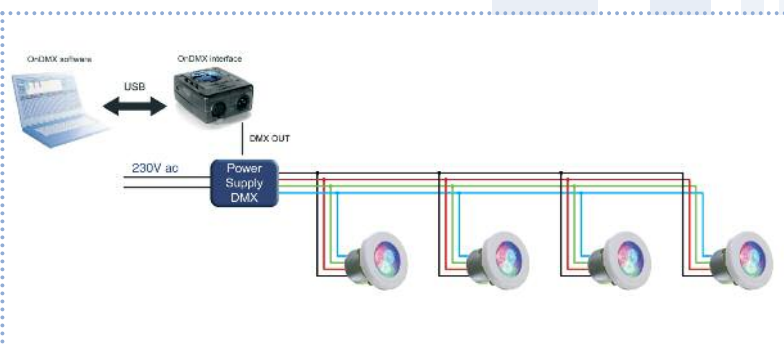
AdLed Mini LT Color Change Wiring | Cableado AdLed Cambio de Color Mini LT



AdLed color change wiring requires a special power source on page 38 for every four projectors. Remote control available on request.

Cableado AdLed con cambio de color necesita de una fuente de alimentación (pág. 38) cada cuatro proyectores. Control por mando a distancia disponible bajo pedido.

AdLed Mini DMX Wiring | Cableado AdLed Mini DMX



For absolute control, DMX 512 wiring permits independent addressing of each Mini fixture, millions of colors and infinite sequences.

Para control absoluto, el cableado con protocolo DMX 512 permite la programación independiente de cada luminaria, millones de colores y secuencias infinitas.

AdLed Adjustable Mini Projector IP68 | Proyector Mini AdLed Orientable IP68

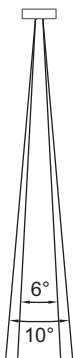


Recessed projector with very low profile for discrete integration in walls. Its 8° adjustment is ideal for lighting paths and walkways without glare. Manufactured from AISI316 stainless steel. Includes installation box. IP68.

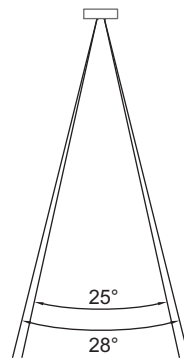
Proyector de bajo perfil, recomendado para empotrar en paramentos verticales. Orientación de 8° ideal para la iluminación de aceras o paseos con bajos niveles de deslumbramiento. Fabricado en acero inoxidable AISI316. Incluye caja de instalación. IP68.

SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
FLP100	Mini NIQ RGB adjustable	Driver	Round	Wall	AISI316 stainless
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.					

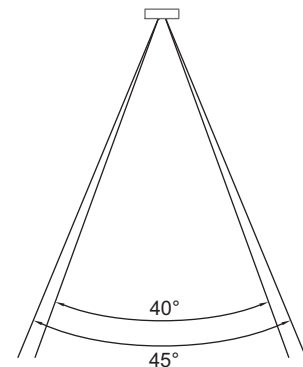
NARROW BEAM
HAZ ESTRECHO



MEDIUM BEAM
HAZ MEDIO



WIDE BEAM
HAZ ANCHO



AdLed Mini Recessed Projectors | Proyector Empotrables AdLed Mini IP68



For installation in floors and walls. Manufactured from AISI316 stainless steel. IK10 certified to 500Kg static loads. IP68.

Para instalación en paramentos horizontales y verticales. Fabricado en acero inoxidable AISI316. IK10 certificado para cargas estáticas de 500Kg. IP68.

SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
FLP200	Mini NIQ RGB uplighter	Driver	Round	Wall / floor	AISI316 stainless
FLP300	Mini NIQ RGB uplighter	Driver	Square	Wall / floor	AISI316 stainless
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.					

AdLed Mini Quadro 1 Projector IP68 | Proyector AdLed Mini Quadro 1 IP68



AdLed Mini Quadro 1, manufactured from light alloy for outdoor lighting; gardens, waterworks, monuments, parks and trees. Available with wide, medium and narrow angle optics. IP68.

Proyector AdLed Mini Quadro 1 fabricado en aleación ligera con revestimiento epoxi antioxidante. RGB. Para iluminación exterior, jardines, entornos acuáticos, monumentos, parques y árboles. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	COLOR	LED	VOLTAGE	FINISH	DIMENSIONS
QPF100	Quadraled	Monocolor	3 Luxeon K2	700mA	Epoxi	L 125 x W 120 x H 70mm
QPF110	Quadraled	RGB	3 Luxeon K2	700mA	Epoxi	L 125 x W 120 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.



AdLed Mini Quadro 2 Projector IP68 | Proyector AdLed Mini Quadro 2 IP68



AdLed Mini Quadro 2, manufactured from light alloy for outdoor lighting; gardens, waterworks, monuments, parks and trees. Available with wide, medium and narrow angle optics. IP68.

Proyector AdLed Mini Quadro 2 fabricado en aleación ligera con revestimiento epoxi antioxidante. RGB. Para iluminación exterior, jardines, entornos acuáticos, monumentos, parques y árboles. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	COLOR	LED	VOLTAGE	FINISH	DIMENSIONS
QPF120	Quadraled	Monocolor	6 Luxeon K2	700mA	Epoxi	L 210 x W 125 x H 70mm
QPF130	Quadraled	RGB	6 Luxeon K2	700mA	Epoxi	L 210 x W 125 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.

AdLed Mini Quadro 3 Projector IP68 | Proyector AdLed Mini Quadro 3 IP68

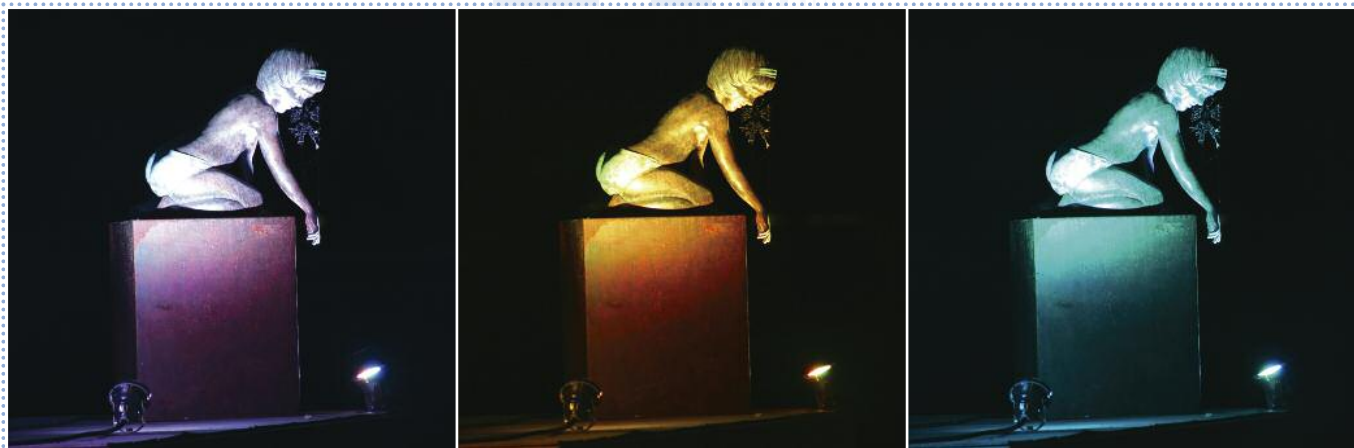


AdLed Mini Quadro 3, manufactured from light alloy for outdoor lighting; gardens, waterworks, monuments, parks and trees. Available with wide, medium and narrow angle optics. IP68.

Proyector AdLed Mini Quadro 3 fabricado en aleación ligera con revestimiento epoxi antioxidante. RGB. Para iluminación exterior, jardines, entornos acuáticos, monumentos, parques y árboles. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	COLOR	LED	VOLTAGE	FINISH	DIMENSIONS
QPF140	Quadraled	Monocolor	9 Luxeon K2	700mA	Epoxi	L 360 x W 120 x H 70mm
QPF150	Quadraled	RGB	9 Luxeon K2	700mA	Epoxi	L 360 x W 120 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.



AdLed Mini Quadro 4 Projector IP68 | Proyector AdLed Mini Quadro 4 IP68



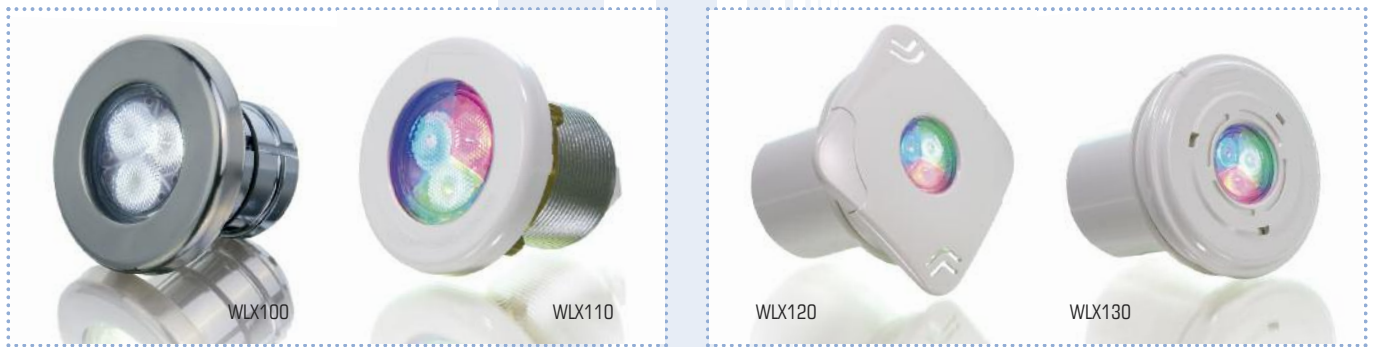
AdLed Mini Quadro 4, manufactured from light alloy for outdoor lighting; gardens, waterworks, monuments, parks and trees. Available with wide, medium and narrow angle optics. IP68.

Proyector AdLed Mini Quadro 4 fabricado en aleación ligera con revestimiento epoxi antioxidante. RGB. Para iluminación exterior, jardines, entornos acuáticos, monumentos, parques y árboles. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	COLOR	LED	VOLTAGE	FINISH	DIMENSIONS
QPF160	Quadraled	Monocolor	12 Luxeon K2	700mA	Epoxi	L 510 x W 125 x H 70mm
QPF170	Quadraled	RGB	12 Luxeon K2	700mA	Epoxi	L 510 x W 125 x H 70mm

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.

AdLed Mini Pool Projector IP68 | Proyector AdLed Mini Piscinas IP68



AdLed Mini Pool Projectors are a range of fixtures to light small pools, spas, submerged steps and other underwater elements. Different models in stainless steel, polymer, pressure fit, threaded and with niches suit every type of pool construction. Available with wide, medium and narrow angle optics. IP68.

Proyectores AdLed Mini para iluminar pequeñas piscinas, spas, escaleras sumergidas y otros elementos subacuáticos. Los diferentes modelos en acero inoxidable, polímero, con rosca o nicho de empotrar cubren todos los tipos de piscina. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
WLX100	Mini RGB projector	Driver	Round	Various	AISI316 stainless
WLX110	Mini RGB projector	Driver	Round	Various	White ABS
WLX120	Mini RGB projector	Driver	Square	Various	White ABS
WLX130	Mini RGB projector	Driver	Round	Various	White ABS

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.





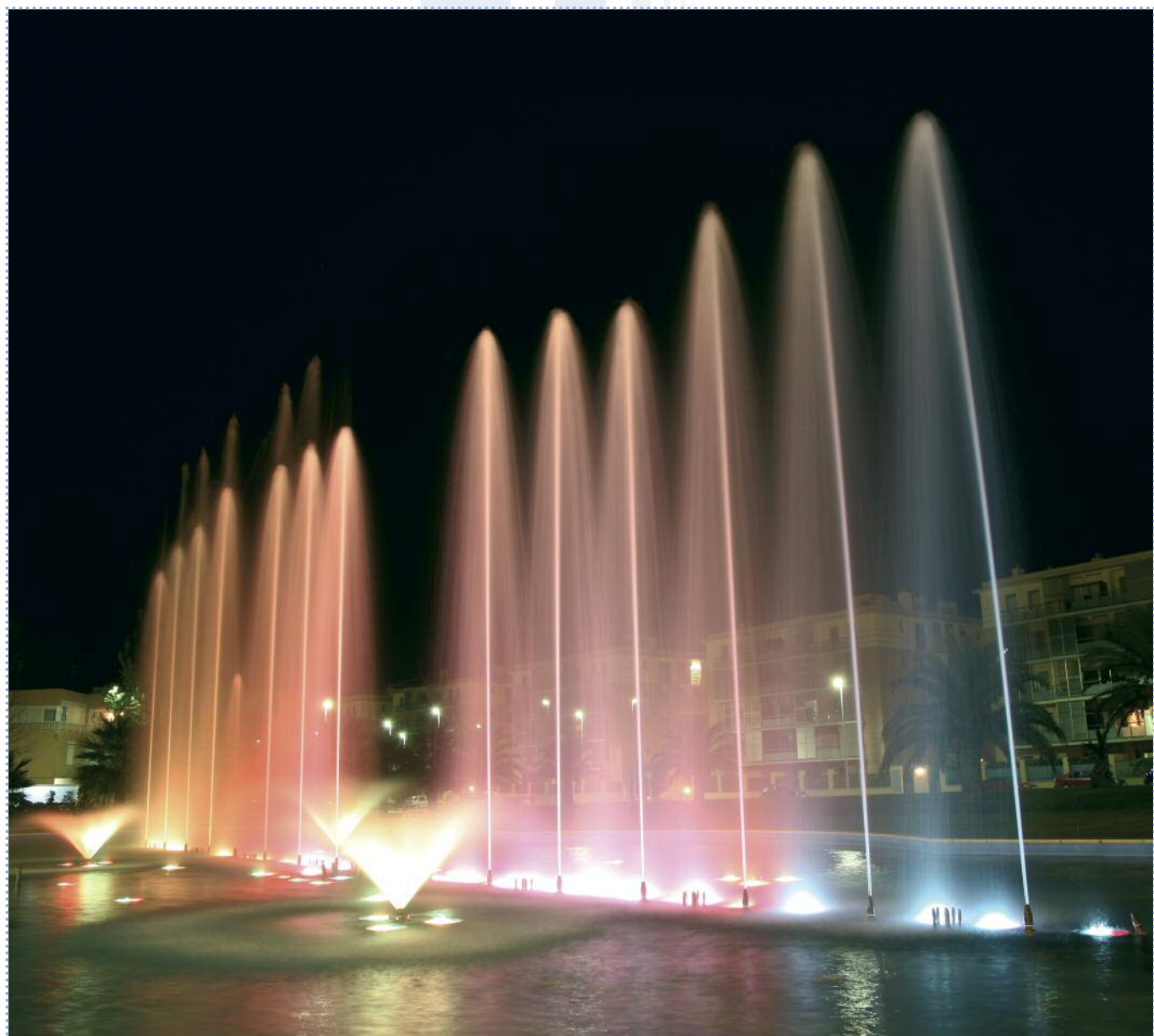
AdLed Micro Pool Projector IP68 | Proyector AdLed Micro Piscinas IP68



AdLed Micro Pool Projector to light small pools, spas, submerged steps and other underwater elements. Same function as the Mini models but much smaller. Available with wide, medium and narrow angle optics. IP68.

Proyector AdLed Micro para iluminar pequeñas piscinas, spas, escaleras sumergidas y otros elementos subacuáticos. Misma funcionalidad que los proyectores Mini pero de dimensiones más reducidas. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	VOLTAGE	SHAPE	MOUNT	MATERIAL
WLX500	Mini NIQ RGB projector	Driver	Round	Various	AISI316 stainless
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.					





AdLed Mini Adjustable Projector IP68 | Proyector AdLed Mini Orientable IP68



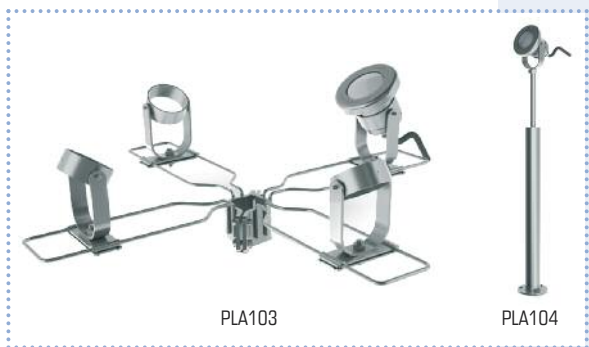
AdLed Mini Adjustable Projector are a range of fixtures to light statuary, architectural features and other elements in wet environments. Manufactured in AISI316 stainless steel. Available with wide, medium and narrow angle optics. IP68.

Proyector AdLed Mini Orientable para iluminar estatuas, monumentos y detalles arquitectónicos en entornos húmedos. Fabricado en acero inoxidable AISI316. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	INSTALLATION	VOLTAGE	MATERIAL
FLF200	Fountain RGB mini	Underwater or dry land	Driver	AISI316 stainless
LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow, RGB. Available with narrow, medium and wide optics.				



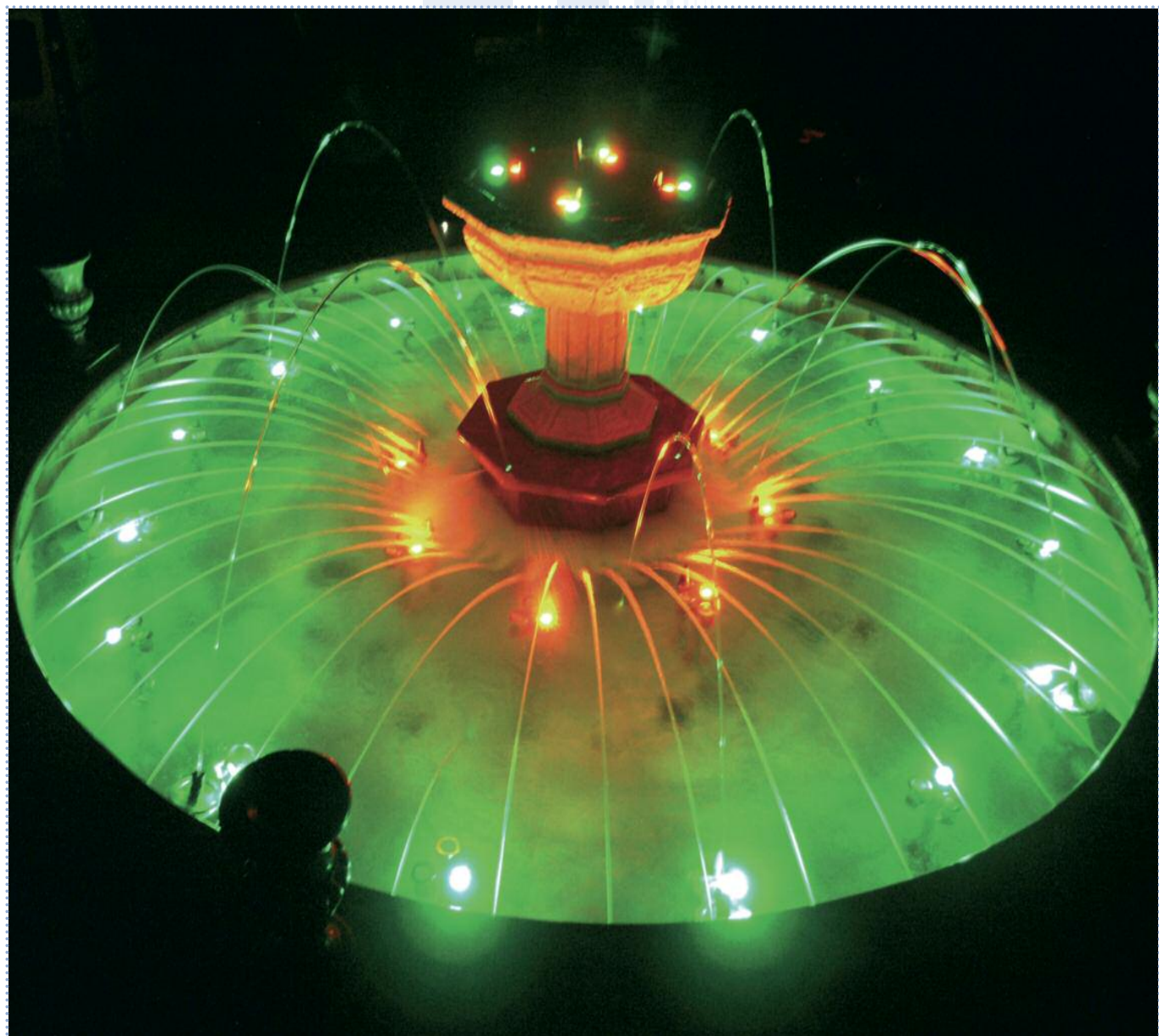
AdLed Mini Accessories | Accesorios AdLed Mini



Accessories manufactured from AISI316 stainless steel to illuminate fountain jets and telescopic single columns for individual uses.

Accesorios fabricados con acero inoxidable AISI316 para la iluminación de caños y surtidores, así como columnas telescópicas para un solo proyector.

CODE	PRODUCT	LAMP	MATERIAL
PLA103	Support fixture. Four-bay	AdLed Mini	AISI316 stainless
PLA104	Support fixture. Single bay	AdLed Mini	AISI316 stainless



Wet Location LED Projector IP64 | Proyector LED para Exteriores IP64



Uplighter for in ground installation in light alloy with stainless steel round or square trim. Installation box included. Drainage necessary. Available with wide, medium and narrow angle optics. IP64.

Proyector para instalación enterrada. Cuerpo en aleación ligera y tapa redonda o cuadrada en acero inoxidable. Incluye caja de instalación. Necesita drenaje. Disponible con ópticas de haz ancho, medio y estrecho. IP64.

SERIES	PRODUCT	POWER	VOLTAGE	SHAPE	MATERIAL
WLP400*	Waterproof LED projector	1,2W	Driver	Round	Stainless steel
WLP450*	Waterproof LED projector	1,2W	Driver	Square	Stainless steel

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow.

* Delivered as standard without lens. Available on request with narrow, medium and wide optics.



Waterproof LED Projector IP68 | Proyector LED Sumergible IP68



For fountains and other wet locations and to attach directly to jets. Manufactured of AISI316 stainless steel. Available with wide, medium and narrow angle optics. Range of fastening accessories UFF on request. IP68.

Para fuentes y otros elementos acuáticos y para acoplar directamente a los caños. Fabricado en acero inoxidable AISI316. Disponible con ópticas de haz ancho, medio y estrecho. Gama de elementos de fijación UFF bajo demanda. IP68.

SERIES	PRODUCT	POWER	VOLTAGE	SHAPE	MATERIAL
WLP900*	Waterproof LED projector	1,3W	Driver	Round	AISI316 stainless

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow.

* Delivered as standard without lens. Available on request with narrow, medium and wide optics.

Waterproof Miniature LED Projector IP68 | Proyector LED Sumergible Miniatura IP68



Miniature fitting for installation on floors or walls. Manufactured from AISI316 stainless steel. Snug fitting with o-rings in standard Ø40mm PVC tubes. Available with wide, medium and narrow angle optics. IP68.

Aplique miniatura para instalación en suelos o paredes. Fabricado en acero inoxidable AISI316. Colocación a presión con juntas tóricas en tubos estándar de PVC de Ø40mm. Disponible con ópticas de haz ancho, medio y estrecho. IP68.

SERIES	PRODUCT	POWER	VOLTAGE	SHAPE	MATERIAL
WLP810*	Waterproof LED projector	1,2W	Driver	Round	AISI316 stainless
WLP830**	Waterproof LED projector	1,3W	Driver	Round	AISI316 stainless
WLP840*	Waterproof LED projector	1,3W	Driver	Square	AISI316 stainless
WLP860**	Waterproof LED projector	1,2W	Driver	Square	AISI316 stainless

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow.

* Delivered as standard without lens. ** Available on request with narrow, medium and wide optics.





LED Downlights | Empotrables LED



LDF100

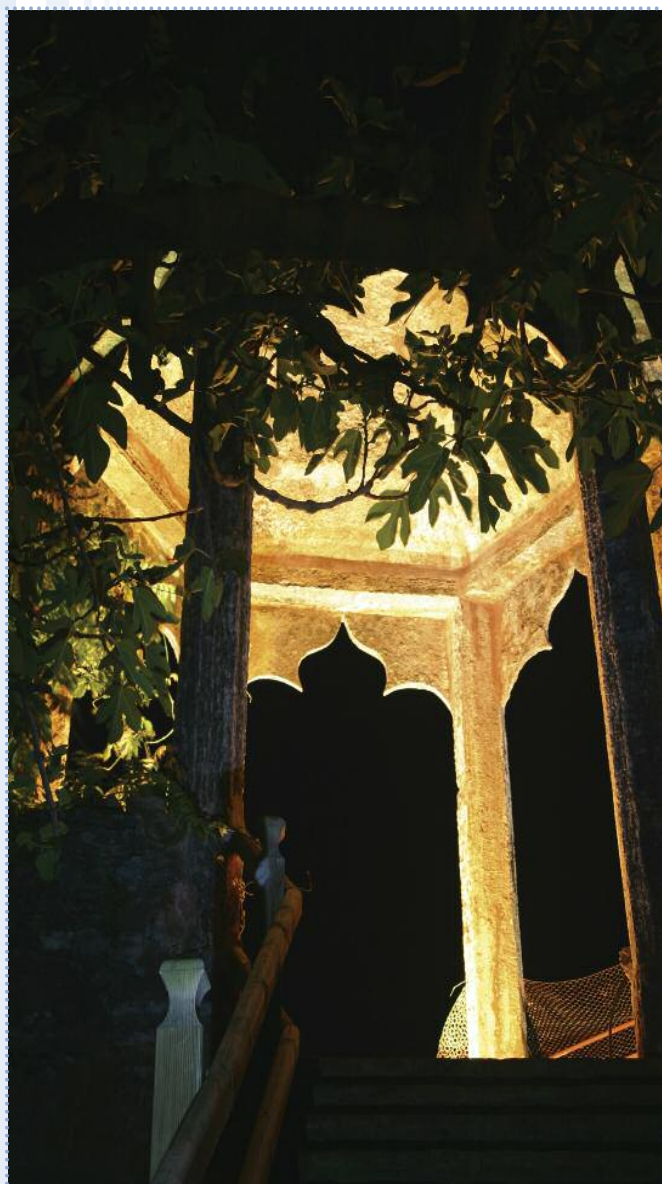
LDF200

Decorative downlights with fixed or adjustable plate. Manufactured in light alloy. Available with wide, medium and narrow angle optics.

Apliques decorativos fabricados en aleación ligera, fijos o ajustables. Disponible con ópticas de haz ancho, medio y estrecho.

SERIES	PRODUCT	POWER	VOLTAGE	MATERIAL	FINISH
LDF100*	LED adjustable fitting	1,2W	Driver	Light alloy	Anodized
LDF200	LED downlight fitting	1,2W	Driver	Light alloy	Anodized

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow. * Available with narrow, medium and wide optics.





Dry Location LED Fittings | Apliques LED para Interiores



Miniature fitting for installation on floors or walls. Manufactured from light alloy. Snug fitting with o-rings in standard Ø40mm PVC tubes. Available with wide, medium and narrow angle optics.

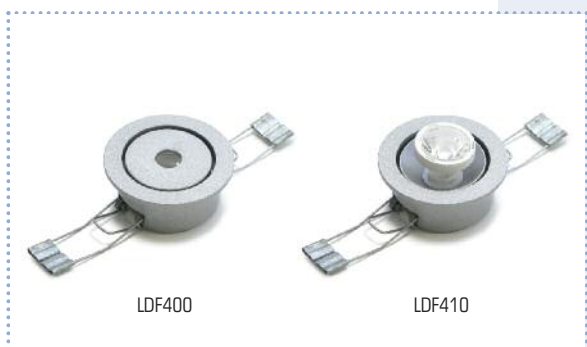
Aplique miniatura para instalación en suelos o paredes. Fabricado en aleación ligera. Colocación a presión con juntas tóricas en tubos estándar de PVC de Ø40mm. Disponible con ópticas de haz ancho, medio y estrecho.

SERIES	PRODUCT	POWER	VOLTAGE	SHAPE	MATERIAL
WLP800*	Dry location LED fitting	1,2W	Driver	Round	Light alloy
WLP870**	Dry location LED fitting	1,3W	Driver	Round	Light alloy
WLP880*	Dry location LED fitting	1,3W	Driver	Square	Light alloy
WLP850**	Dry location LED fitting	1,2W	Driver	Square	Light alloy

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow.

* Delivered as standard without lens. ** Available on request with narrow, medium and wide optics.

Miniature LED Downlights | Empotrables LED Miniatura



Decorative and adjustable miniature downlights for showcases and courtesy lighting. Manufactured in light alloy. Available with wide, medium and narrow angle optics.

Apliques decorativos orientables para vitrinas e iluminación de cortesía. Fabricados en aleación ligera. Disponibles con ópticas de haz ancho, medio y estrecho.

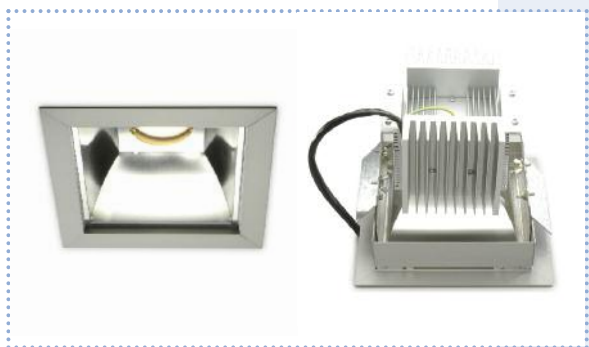
SERIES	PRODUCT	POWER	VOLTAGE	MATERIAL	FINISH
LDF400*	Miniature LED adjustable downlight	1,3W	Driver	Light alloy	Anodized
LDF410**	Miniature LED adjustable downlight	1,3W	Driver	Light alloy	Anodized

LED colors: ○ cool white, ○ warm white, ● blue, ● green, ● red, ● yellow.

* Delivered as standard without lens. ** Available with narrow, medium and wide optics.



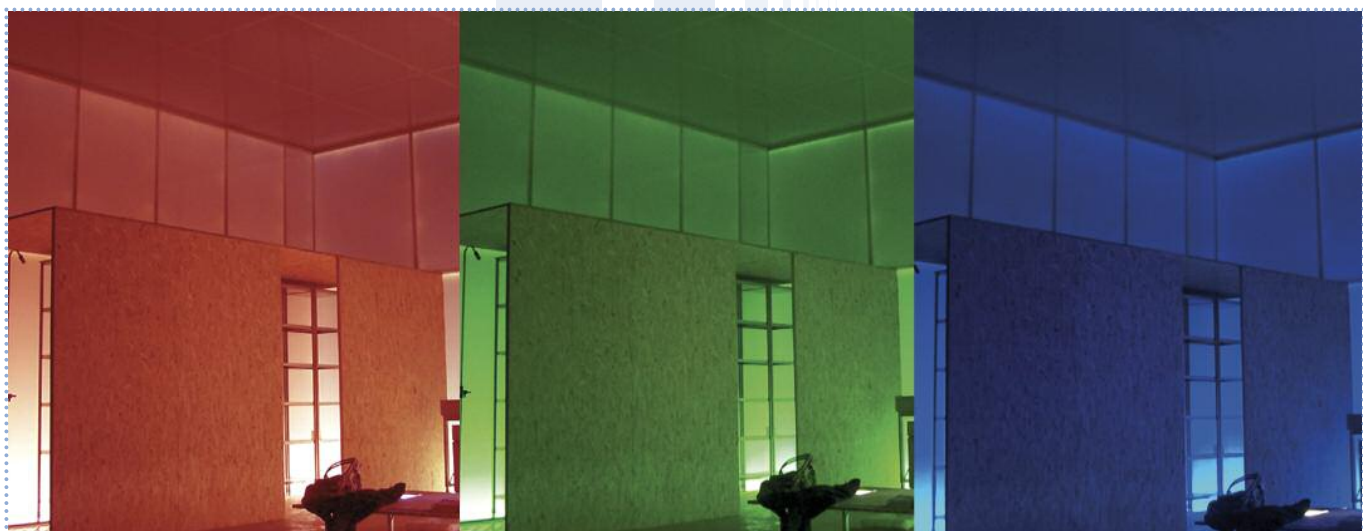
High-power LED Fixtures | Luminarias LED de Alta Potencia



LED fixtures for applications requiring high levels of illuminance from a cold-light source or for installation in areas of difficult maintenance. State of the art LED and drivers with very long lives. Each fixture requires its own driver.

Luminarias LED para aplicaciones que precisen altos niveles de iluminancia de una fuente de luz fría o instalaciones en zonas de difícil mantenimiento. LED's y fuentes de alimentación de última generación. Cada luminaria necesita su propia fuente de alimentación.

CODE	PRODUCT	POWER	VOLTAGE	MATERIAL	FINISH
FOR101	Power downlight	Fortimo 40W	Driver	Light alloy	Various
FOR102	Power downlight	Fortimo 20W	Driver	Light alloy	Various



High-power LED Fixtures | Luminarias LED de Alta Potencia



LED fixtures for applications requiring high levels of illuminance from a cold-light source or for installation in areas of difficult maintenance. State of the art LED and drivers with very long lives. Each fixture requires its own driver.

Luminarias LED para aplicaciones que precisen altos niveles de iluminancia de una fuente de luz fría o instalaciones en zonas de difícil mantenimiento. LED's y fuentes de alimentación de última generación. Cada luminaria necesita su propia fuente de alimentación.

CODE	PRODUCT	POWER	VOLTAGE	MATERIAL	FINISH
FOR103	Power downlight	Fortimo 40W	Driver	Light alloy	Various
FOR104	Power downlight RGB	Lexel 60W	Driver	Light alloy	Various



AdLed Modulator | Modulador AdLed



Modulator for the control of on/off color changes, programs and timed switch-off of AdLed LT fixtures. It can be used manually or with the AdLed remote control.

Modulador para controlar el encendido, cambio de color, programas y temporización del apagado para proyectores AdLed LT.

CODE	PRODUCT
WLA204	AdLed modulator





AdLed Remote Control | Control Remoto AdLed



Remote control for the AdLed Modulator. Functions include on/off, color change, color sequences speed of color change and sleep.

Control remoto para el modulador AdLed. Sus funciones incluyen apagado y encendido, cambio de color, programas, velocidad de los cambios y temporización del apagado.

CODE	PRODUCT
WLA205	AdLed remote control

AdLed Mini Power Supply | Fuente de Alimentación AdLed Mini



Power supply for AdLed Mini and AdLed Micro projectors. It can power up to four projectors and connects directly to the mains 220/240V. Compatible with the AdLed modulator and remote control.

Alimentador para proyectores AdLed Mini y AdLed Micro. Alimenta hasta cuatro proyectores y se conecta a tensión de red de 220/240V. Compatible con el Modulador AdLed y control remoto.

CODE	PRODUCT
WLA201	AdLed mini power supply

AdLed Mini Power Supply DMX | Fuente de Alimentación AdLed Mini DMX



DMX power supply for AdLed Mini and AdLed Micro projectors. It can power up to four projectors and connects directly to the mains 220/240V. Compatible with the DMX control system.

AdLed Alimentador DMX para proyectores AdLed Mini y AdLed Micro. Alimenta hasta cuatro proyectores y se conecta a tensión de red de 220/240V. Compatible con el sistema de control DMX.

CODE	PRODUCT
WLA203	AdLed mini power supply DMX

On DMX Control System | Sistema de control On DMX



AdLed control interface between a PC or lighting controller and the AdLed DMX fixtures. It can operate autonomously or via a PC. The unit has a memory to store 7,000 steps, is plug & play and compatible with USB.

Plataforma de intercambio AdLed entre un PC o controladora y las luminarias AdLed DMX. Puede trabajar de forma autónoma o a través de un PC. El dispositivo tiene capacidad para almacenar 7.000 pasos, es plug & play y compatible con USB.

CODE	PRODUCT
WLA206	AdLed DMX control interface

AdLed DMX Modulator | Modulador DMX AdLed



DMX Modulator to act as interface between the controller and the AdLed fixtures. One modulator is required for each group of fixtures sharing the same power supply.

Modulador DMX de intercambio entre la controladora y las luminarias AdLed. Es necesario un modulador por cada grupo de luminarias alimentadas por el mismo transformador.

CODE	PRODUCT
WLA207	AdLed DMX modulator

AdLed Circus DMX controller / Controladora AdLed Circus



Wall-mounted DMX light controller, complete with interface, memory, cables and power supply. The unit boasts 1,024 DMX channels, touch panel, clock and many other features.

Controladora de iluminación DMX para montaje en pared. Completa con intercambiador, memoria, cables y fuente de alimentación. Entre otras características, el dispositivo dispone de 1.024 canales DMX, panel táctil y reloj.

CODE	PRODUCT
WLA208	AdLed Circus DMX controller

Traxon Light Drive | Controladora Traxon



Wall-mounted DMX light controller, complete with interface, memory, cables, power supply and remote control. The unit boasts six memory slots to store and control a practically unlimited number of scenes and sequences.

Controladora de iluminación DMX para montaje en pared. Completa con intercambiador, memoria, cables, fuente de alimentación y control remoto. El dispositivo incorpora seis ranuras de memoria para almacenar y controlar un número prácticamente ilimitado de escenas y secuencias.

CODE	PRODUCT
WLA209	AdLed Traxon light drive

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LED



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