

fibreLED

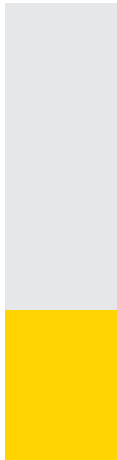
LED Lighting Specialists



LED & ARCHITECTURAL L I G H T I N G

Contents

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LED Lighting Specialists



About ELECTRON SA

ELECTRON SA was established in 1978 and since then has been one of the leading manufacturing companies in the commercial lighting field worldwide. The company has been active in the international field for more than twelve years and today exports its products in more than 65 countries worldwide, sealing its dynamic presence by participating in international lighting exhibitions around the world. ELECTRON is located in its 2.800 sq meter building in Athens, Greece.

ELECTRON SA designs, develops and manufactures in Greece Professional Lighting Management Systems, Dimmers, and other Lighting Management Equipment of the latest technology.

ELECTRON is also proud to present the new patent-pending DMR.730 dimmer specially designed for 230V dimmable LEDs that achieves stable output voltage unaffected from mains fluctuations.

In addition, the company presents the new ARLIC and MINI ARLIC architectural lighting control systems for large multi spaces or small installations.

ELECTRON has also launched the Premium Series of wall-mounted multifunctional Controllers, available in different versions to meet individual requirements and specifications: Leading Edge Dimmers, Trailing Edge Dimmers, Relay Switches, HF Fluorescent Controllers, Sine Wave Dimmers, LED Drivers, Dali Drivers.

In addition, ELECTRON designs, develops and manufactures LED power supplies, LED converters, LED boosters, LED controllers, Splitters, Relay packs and other lighting equipment. All products are manufactured with high quality components, such as: MCBs, mains switches, RVD by HAGER, power inlets by MENNEKES-WIELAND-ABL, thyristors and triacs by THOMPSON and so on.

In an effort to cover all requirements ELECTRON SA also designs and develops custom-made Architectural Downlights with Xicato and Bridgelux LEDs with capability of selecting CCT, CRI, lumen output, optics, dimming options, emergency option.

The company also manufactures various solutions of Custom Linear LED fittings (recessed, semi recessed, pendant, trimless, inground) which are built according to the specific project requirements mainly with Nichia or CREE LEDs.

ELECTRON SA also designs a wide range of aluminium profiles for concealed lighting, in ground use, step lighting and so on. All components are from leading suppliers with whom ELECTRON has been collaborating for several years now.

Moreover, ELECTRON SA offers a complete set of architectural luminaires for outdoor and indoor use, specializing in LED technology. The LEDELEC LED range includes indoor and outdoor LED luminaires, decorative LEDs, LED modules, LED lamps, and so on. It offers excellent product quality with high technology and aesthetics that cover even the most demanding applications.

Finally, the Architectural Lighting range includes plaster lighting, indoor and outdoor fixtures.

The Entertainment Lighting and Sound Equipment include Moving Heads, Par Cans, Special Effects, Amplifiers, Conference systems, Loudspeakers 100V, and other equipment.



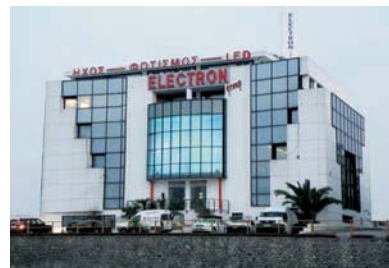
ELECTRON SA is certified with ISO 9001:2008 for the design, development, production and marketing of professional lighting systems.



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- Technical data valid at time of going to press.
- Errors and omissions excepted.
- Specifications and data may change without prior notice.
- Please note that the data included in this catalogue reflect statistical and not necessarily actual figures. Variations may occur in terms of the specifications of LEDs, such as CCT/ CRI/ W/ Dimensions, mainly due to the different production bunches of LEDs.

100% LED Installations

ELECTRON SA is proud to present 100% lighting installations, that have been realized with our products. Indicatively, we mention the following projects:

"OROLOI" retail store, Athens, Greece
Installation of custom LED Downlights, custom linear LED fittings, LED converters & power supplies



"Heel" retail store, Piraeus, Greece
Installation of custom LED Downlights, LED converters



Worldwide Projects & Awards

The products of ELECTRON SA have already been installed around the world in hotels, lounges, restaurants, retail shops, showrooms, galleries, private residences, cruise ships, multipurpose rooms, estate halls, theaters, bars, shopping malls, theaters etc. Some projects have gained international awards. Indicatively, we mention the following projects:

"M Ultra Lounge", Mykonos, Greece
Winner of the International Hotel & Property Awards in London 2012



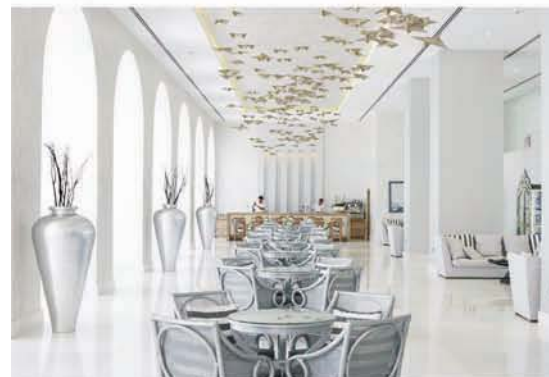
"Lindos Blu Hotel & Suites", Lindos Rhodes, Greece
Gold Medal Winner 2012 and 2011 by TUI Thomson,
Winner of the Travellers' choice 2013, 2012 and 2011 by Tripadvisor



Big Projects & Small Installations

We are eager to offer lighting solutions from a simple and small installation to big and complicated projects. Indicatively, we mention the following project:

Alila Hotel, Rhodes, Greece
Installation of more than 250 custom LED Downlights and more than 1800m linear LED lighting that ELECTRON SA has made according to the specific project requirements



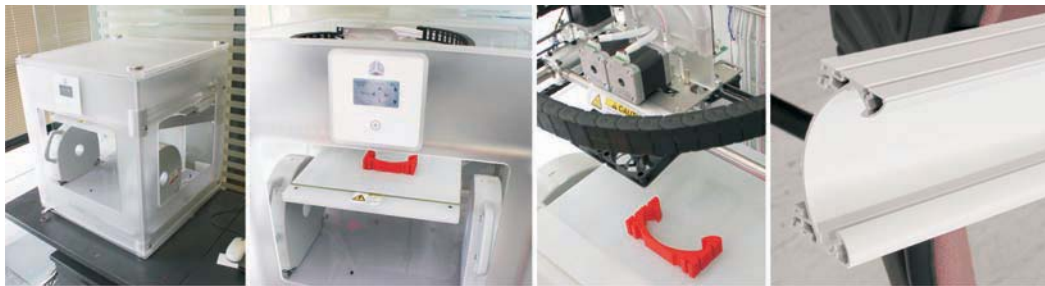
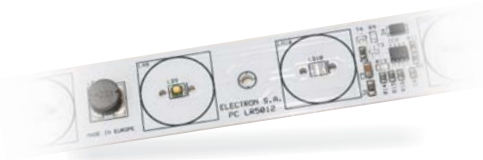
The sales team is eager to suggest the best solutions at the most competitive prices in the market.

The after sales department of the company is always available to our partners for technical information and back up service.

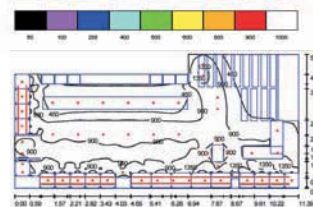
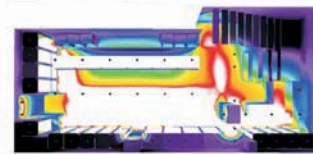
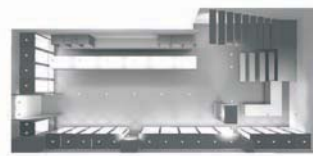
The ELECTRON team



With our 35 year experience and expertise on LED technology and lighting management systems, we are here to design, develop, and manufacture in order to meet your very custom requirements!



The lighting design team ensures the creation of installations with functionality and good aesthetics.



Contents

[LED Spots >](#)

Series of LED Spots, Mini Spots
& Decorative Downlights

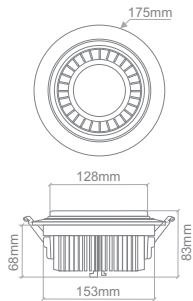


LED Spots

Bartini
Argo XL / Argo L
Lupus
Petite Series
Barolo
Starlight Series
Cubic / Eye / Eye Square
Frame / Frame Square
Torn / Torn Mini
Deco-S / Deco-M

LED Spots
LED Spots

BARTINI



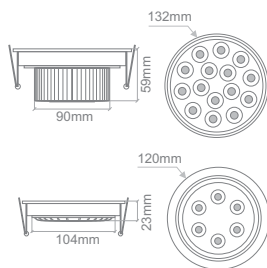
- Dimmable LED spot.
- Ideal for ambient lighting.

Code*	Model	No.LED	Colour	Watt	Voltage	Diameter	Beam Angle	Features
ALD.000	BARTINI	6	COOL WHITE	12W	230VAC	175mm	30°	Dimmable
ALD.001	BARTINI	6	WARM WHITE	12W	230VAC	175mm	30°	Dimmable

*Power Supply included



ARGO XL & ARGO L

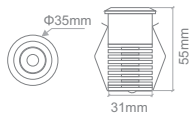


- Monochromatic:** Management through:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
 - Wireless IR & RF control units.
 - DALI Protocol devices.
- Dimmable through ELECTRON Constant Current LED drivers.
- Ideal for ambient lighting.

Code	Model	No.LED	Colour	Watt	Current*	Diameter	Beam Angle	Features
ALI.122	ARGO XL	15	COOL WHITE	15W	350mA	132mm	45°	Dimmable
ALI.123	ARGO XL	15	WARM WHITE	15W	350mA	132mm	45°	Dimmable
*Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.118	ARGO L	6	COOL WHITE	6W	350mA	120mm	45°	Dimmable
ALI.119	ARGO L	6	WARM WHITE	6W	350mA	120mm	45°	Dimmable
*Adjustable intensity with ELECTRON dimmable constant current LED drivers.								



LUPUS



- Monochromatic:** Management through:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
 - Wireless IR & RF control units.
 - DALI Protocol devices.
- Dimmable through ELECTRON Constant Current LED drivers.
- Ideal for ambient & decorative lighting.

Code	Model	No.LED	Colour*	Watt	Current**	Diameter	Beam Angle	Features
ALI.120	LUPUS	1	COOL WHITE	3W	350mA	35mm	25°	Dimmable
ALI.121	LUPUS	1	WARM WHITE	3W	350mA	35mm	25°	Dimmable

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.



LED Spots

LED Spots

PETITE SERIES



Monochromatic: Management through:

- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.
- Dimmable through ELECTRON Constant Current LED drivers.
- Ideal for decorative lighting.

Code	Model	No.LED	Colour*	Watt	Current**	Ø Diameter	Beam Angle	
ALI.101	ULTRA	1	COOL WHITE	1W	350mA	25mm	120°	Dimmable
ALI.102	ULTRA	1	WARM WHITE	1W	350mA	25mm	120°	Dimmable
ALI.104	ULTRA	1	BLUE	1W	350mA	25mm	120°	Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

ALI.111	ACRYLIC	1	COOL WHITE	1W	350mA	48mm	DIFUSE	Dimmable
ALI.112	ACRYLIC	1	WARM WHITE	1W	350mA	48mm	DIFUSE	Dimmable
ALI.113	ACRYLIC	1	BLUE	1W	350mA	48mm	DIFUSE	Dimmable
ALI.114	ACRYLIC	1	RED	1W	350mA	48mm	DIFUSE	Dimmable
ALI.115	ACRYLIC	1	GREEN	1W	350mA	48mm	DIFUSE	Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

ALI.107	ANTI-GLARE	1	COOL WHITE	1W	350mA	48mm	120°	Dimmable
ALI.108	ANTI-GLARE	1	WARM WHITE	1W	350mA	48mm	120°	Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

ALI.109	MOVABLE	1	COOL WHITE	1W	350mA	49.5mm	30°	Dimmable
ALI.110	MOVABLE	1	WARM WHITE	1W	350mA	49.5mm	30°	Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

ALI.124	MOVABLE SQUARE	1	COOL WHITE	1W	350mA	60x60x30mm	45°	Dimmable
ALI.125	MOVABLE SQUARE	1	WARM WHITE	1W	350mA	60x60x30mm	45°	Dimmable

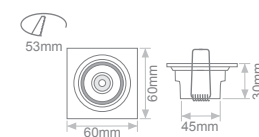
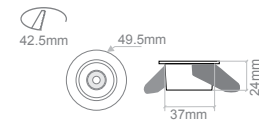
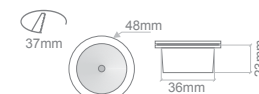
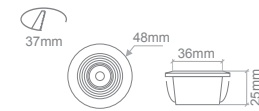
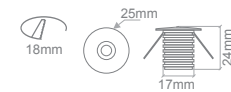
*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

ALI.116	SPOTLIGHT	1	COOL WHITE	1W	350mA	364x49.5mm	45°	Dimmable
ALI.117	SPOTLIGHT	1	WARM WHITE	1W	350mA	364x49.5mm	45°	Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.



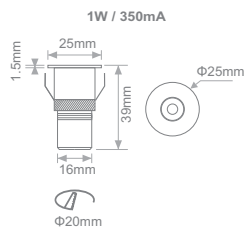
LED Spots
LED Spots

BAROLO



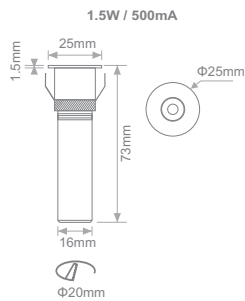
Monochromatic: Management through:

- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.
- Dimmable through ELECTRON Constant Current LED drivers.
- Decorative lighting.
- Available in 30° & 60°.
- Ideal for ambient lighting in combination with ceiling recessed frames.



Code	No.LED	Colour Temperature*	Watt	Current**	Diameter	Beam Angle	
1W / 350mA							
LED.230	1	6.400K	1W	350mA	25mm	30°	Dimmable
LED.231	1	4.100K	1W	350mA	25mm	30°	Dimmable
LED.232	1	3.000K	1W	350mA	25mm	30°	Dimmable
LED.233	1	6.400K	1W	350mA	25mm	60°	Dimmable
LED.234	1	4.100K	1W	350mA	25mm	60°	Dimmable
LED.235	1	3.000K	1W	350mA	25mm	60°	Dimmable

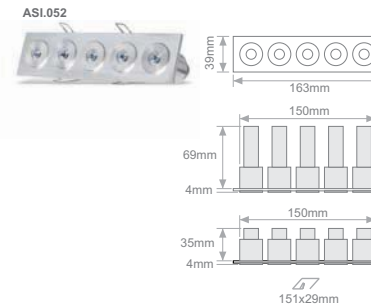
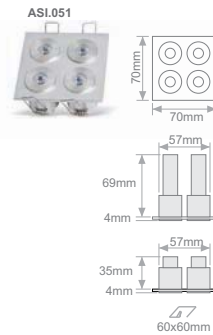
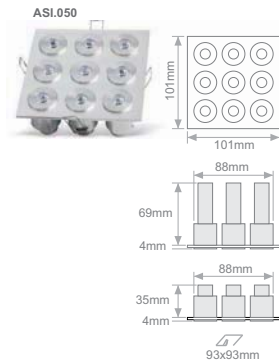
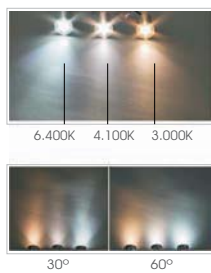
*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

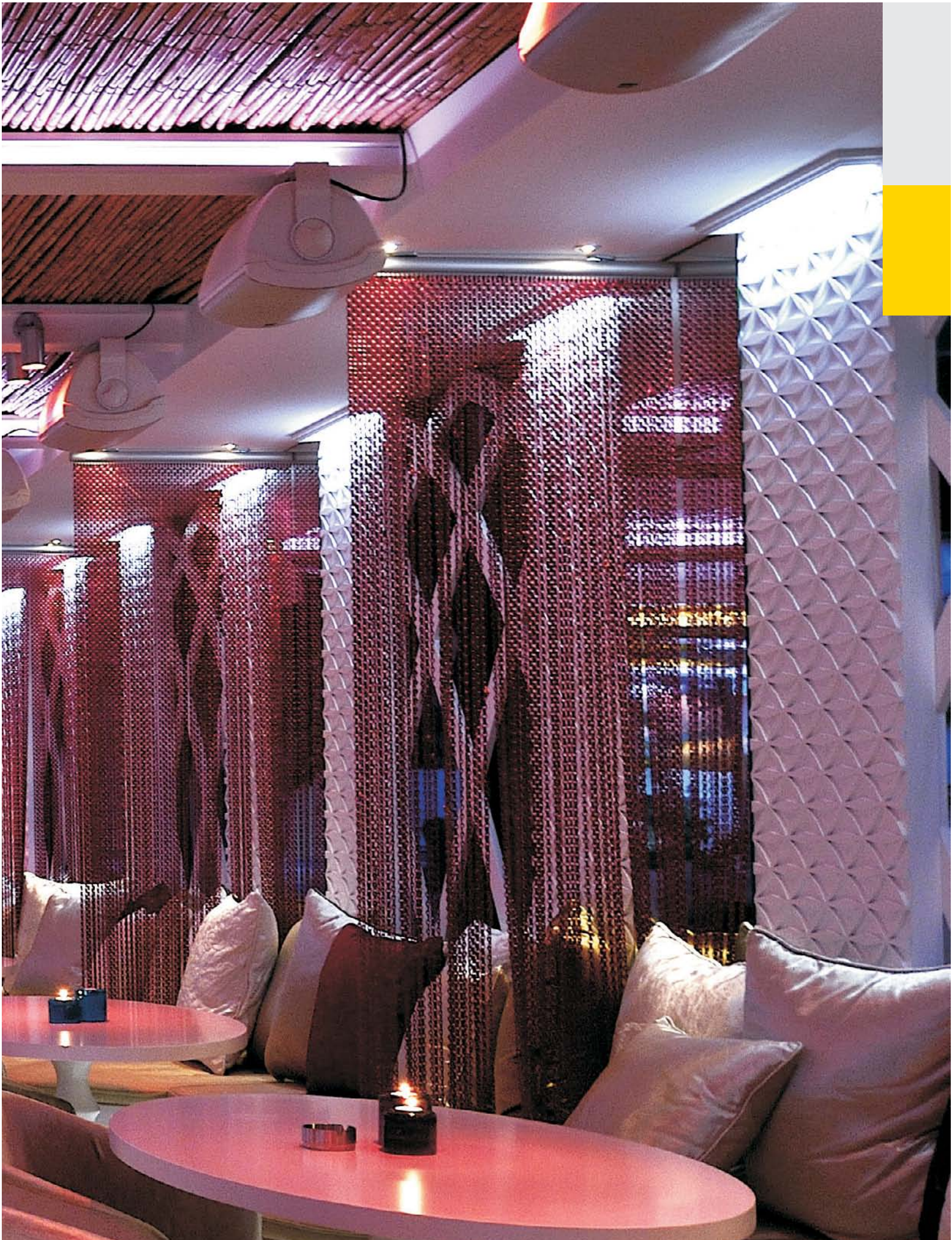


Code	No.LED	Colour Temperature*	Watt	Current**	Diameter	Beam Angle	
1.5W / 500mA							
LED.227	1	6.400K	1.5W	500mA	25mm	30°	Dimmable
LED.228	1	4.100K	1.5W	500mA	25mm	30°	Dimmable
LED.229	1	3.000K	1.5W	500mA	25mm	30°	Dimmable
LED.236	1	6.400K	1.5W	500mA	25mm	60°	Dimmable
LED.237	1	4.100K	1.5W	500mA	25mm	60°	Dimmable
LED.238	1	3.000K	1.5W	500mA	25mm	60°	Dimmable

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Accessories
(Barolo LEDs not included)





LED Spots
LED Spots

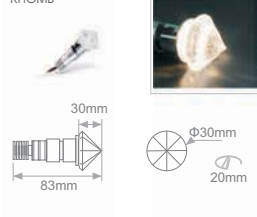
STARLIGHT SERIES



CRYSTAL



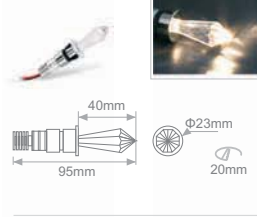
RHOMB



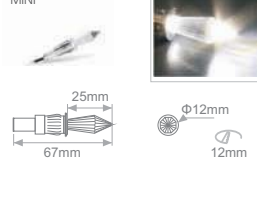
BALL




DIAMOND



DIAMOND MINI



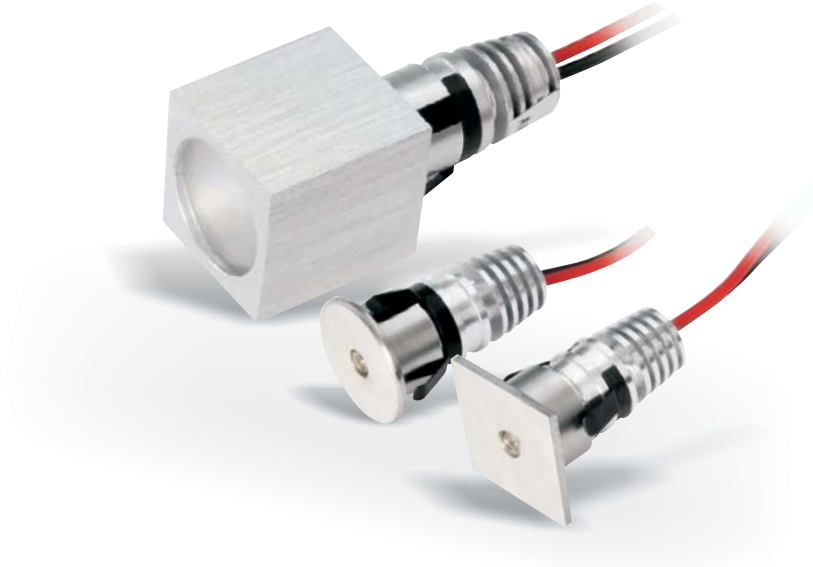
- Monochromatic:** Management through:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
 - Wireless IR & RF control units.
 - DALI Protocol devices.
- Dimmable Constant Current LED Spots 350mA
 - Ceiling or wall recessed spotlights ideal for decorative applications.
 - Diffused light emission and chromed aluminium finish.
 - Different shapes of diffusers.

Code	Model	No.LED	Colour Temperature*	Watt/Current**	Dimensions		Finish	
ALI.206	CRYSTAL	1	3000-3500K	1W / 350mA	Φ60x85mm	Diffused	Chromed Aluminium	Dimmable
ALI.207	CRYSTAL	1	5500-6000K	1W / 350mA	Φ60x85mm	Diffused	Chromed Aluminium	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.208	RHOMB	1	3000-3500K	1W / 350mA	Φ30x83mm	Diffused	Chromed Aluminium	Dimmable
ALI.209	RHOMB	1	5500-6000K	1W / 350mA	Φ30x83mm	Diffused	Chromed Aluminium	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.210	BALL	1	3000-3500K	1W / 350mA	Φ30x83mm	Diffused	Chromed Aluminium	Dimmable
ALI.211	BALL	1	5500-6000K	1W / 350mA	Φ30x83mm	Diffused	Chromed Aluminium	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.212	DIAMOND	1	3000-3500K	1W / 350mA	Φ23x95mm	Diffused	Chromed Aluminium	Dimmable
ALI.213	DIAMOND	1	5500-6000K	1W / 350mA	Φ23x95mm	Diffused	Chromed Aluminium	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.214	DIAMOND MINI	1	3000-3500K	0.5W / 350mA	Φ12x67mm	Diffused	Chromed Aluminium	Dimmable
ALI.215	DIAMOND MINI	1	5500-6000K	0.5W / 350mA	Φ12x67mm	Diffused	Chromed Aluminium	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								

LED Spots

LED Spots

**CUBIC / EYE /
EYE SQUARE**

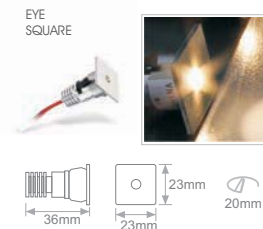
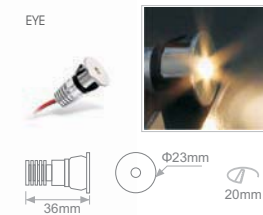


Monochromatic: Management through:

- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.

- Dimmable Constant Current LED Spots 350/500mA
- Ceiling, wall recessed and semi-recessed spotlights.
- Ideal for ambient and decorative lighting applications.
- Made by pure aluminium.

Code	Model	No.LED	Colour Temperature*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.216	CUBIC	1	3000-3500K	1W / 350mA 2W / 500mA	25x25x58mm	30°	Aluminium MAT	Dimmable
ALI.217	CUBIC	1	5500-6000K	1W / 350mA 2W / 500mA	25x25x58mm	30°	Aluminium MAT	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.218	EYE	1	3000-3500K	1W / 350mA	Φ23x36mm	120°	Nickel Mat	Dimmable
ALI.219	EYE	1	5500-6000K	1W / 350mA	Φ23x36mm	120°	Nickel Mat	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								
ALI.220	EYE SQUARE	1	3000-3500K	1W / 350mA	23x23x36mm	120°	Nickel Mat	Dimmable
ALI.221	EYE SQUARE	1	5500-6000K	1W / 350mA	23x23x36mm	120°	Nickel Mat	Dimmable
*Other colours available upon request. **Adjustable intensity with ELECTRON dimmable constant current LED drivers.								



LED Spots


LED Spots

FRAME /
FRAME SQUARE

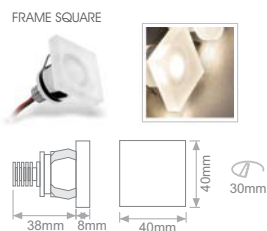


- Monochromatic:** Management through:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
 - Wireless IR & RF control units.
 - DALI Protocol devices.
- Dimmable Constant Current LED Spots 350mA
 - Ceiling or wall recessed spotlights ideal for signage or decorative applications.
 - Diffused light emissions.
 - Round and Square shapes.
 - High anti-glare protection.



Code	Model	No.LED	Colour Temperature*	Watt / Current**	Dimensions		Finish	
ALI.222	FRAME	1	3000-3500K	1W / 350mA	Φ40x46mm	Diffused	Frost Diffuser	Dimmable
ALI.223	FRAME	1	5500-6000K	1W / 350mA	Φ40x46mm	Diffused	Frost Diffuser	Dimmable

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.



ALI.224	FRAME SQUARE	1	3000-3500K	1W / 350mA	40x40x46mm	Diffused	Frost Diffuser	Dimmable
ALI.225	FRAME SQUARE	1	5500-6000K	1W / 350mA	40x40x46mm	Diffused	Frost Diffuser	Dimmable

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

LED Spots

LED Spots

TORN / TORN MINI



Monochromatic: Management through:

- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.

- Dimmable Constant Current LED Spots 350/500mA
- Recessed spotlights with high anti-glare protection.
- Ideal for decorative lighting and retail applications.
- Trimless effect design, white painted body.
- Made by pure aluminium.

Code	Model	No.LED	Colour Temperature*	Watt / Current**	Dimensions		Finish
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ALI.226	TORN	1	3000-3500K	1.5W / 350mA 1.5W / 500mA	Φ35x50mm	60°	White Painted Aluminium Dimmable
ALI.227	TORN	1	5500-6000K	1.5W / 350mA 1.5W / 500mA	Φ35x50mm	60°	White Painted Aluminium Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.



ALI.228	TORN MINI	1	3000-3500K	1W / 350mA	Φ23x50mm	30°	White Painted Aluminium Dimmable
ALI.229	TORN MINI	1	5500-6000K	1W / 350mA	Φ23x50mm	30°	White Painted Aluminium Dimmable

*Other colours available upon request.

**Adjustable intensity with ELECTRON dimmable constant current LED drivers.




LED Spots

LED Spots

DECO-S / DECO-M

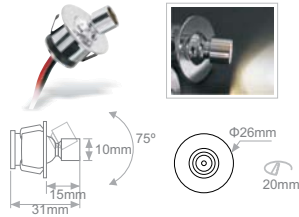


- Monochromatic:** Management through:
- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
 - Wireless IR & RF control units.
 - DALI Protocol devices.
- Dimmable Constant Current LED Spots 350mA
 - Recessed spotlights with high anti-glare protection.
 - Ideal for decorative lighting and retail applications.
 - High flexibility through adjustable movement.
 - Made by pure aluminium, chromed aluminium finish.

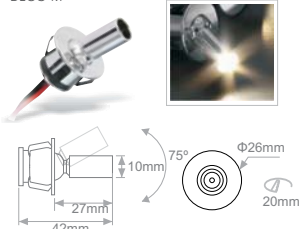
Code	Model	No.LED	Colour Temperature*	Watt / Current**	Dimensions		Finish
ALI.230	DECO-S	1	3000-3500K	1W / 350mA	Φ26x31mm	40°	Chromed Aluminium
ALI.231	DECO-S	1	5500-6000K	1W / 350mA	Φ26x31mm	40°	Chromed Aluminium

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

DECO-S



DECO-M



ALI.232	DECO-M	1	3000-3500K	1W / 350mA	Φ26x42mm	20°	Chromed Aluminium
ALI.233	DECO-M	1	5500-6000K	1W / 350mA	Φ26x42mm	20°	Chromed Aluminium

*Other colours available upon request.
**Adjustable intensity with ELECTRON dimmable constant current LED drivers.

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