fibreLED
LED Lighting Specialists

ELECTRON
2014-2015

LED & ARCHITECTURAL
L I G H T I N G

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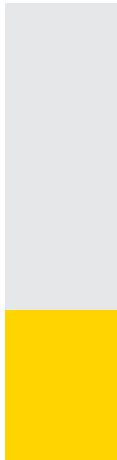
ELECTRON SA was established in 1978 and since then has been one of the leading manufacturing companies in the commercial lighting field worldwide. The company has been active in the international field for more than twelve years and today exports its products in more than 65 countries worldwide, sealing 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.

XICATO   BRIDGELUX   NICHIA   CREE   SAMSUNG   SHARP

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

ELECTRON

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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
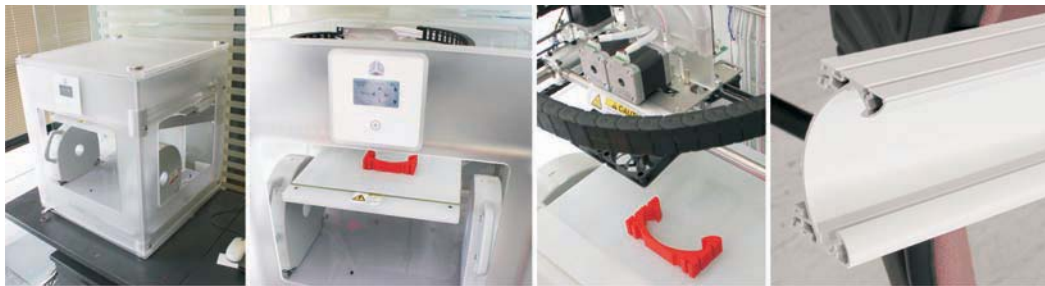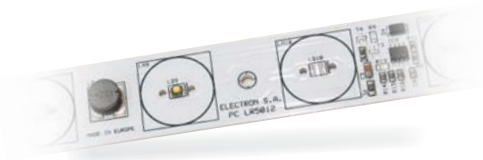
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The sales team is eager to suggest the best solutions at the most competitive prices in the market.
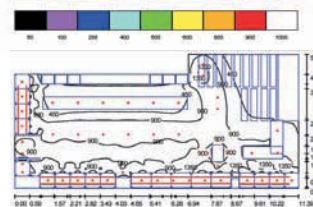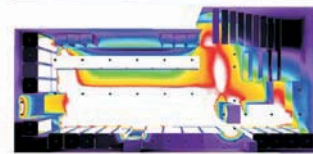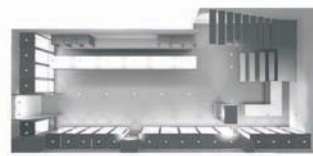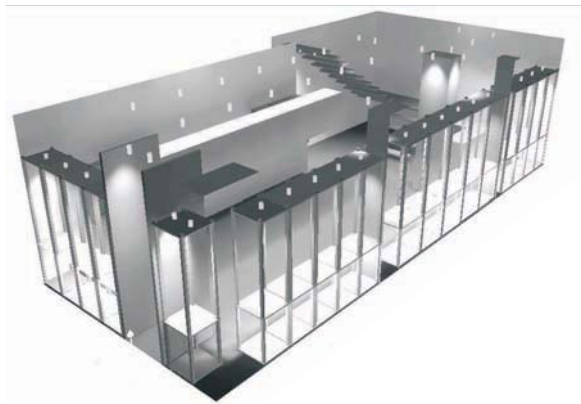
The after sales department of the company is always available to our partners for technical information and back up service.

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.

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Decoratives LEDs

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Decorative LEDs

LED DECORATIVE BLOCK RGB (in one chip)

RGB: Management through:
- DMX 512 controllers.
- Wireless IR & RF control units.
- DALI Protocol devices.

- LED Decorative Blocks Transparent.
- Unique lighting effect that gives depth into the space.

Code*	No.LED	Colour	Watt	Dimensions	Voltage ⎓
DEL.001 /CA	30	RGB	7W	190x80x190mm	24VDC

*CA=Common Anode

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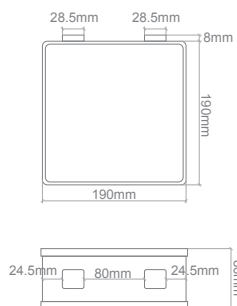
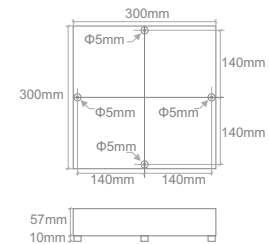**fibreLED**
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SQUARE LED PANELS RGB

RGB: Management through:
- DMX 512 controllers.
- Wireless IR & RF control units.
- DALI Protocol devices.

- Ideal for decorative and promotional lighting
- Creates interesting patterns in retail stores, windows, shops, fashions shows etc

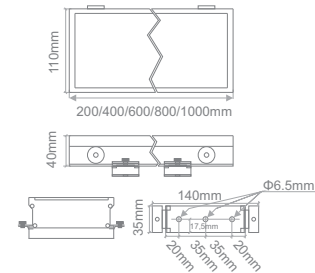| Code*	No.LED	Colour	Watt	Dimensions	Voltage
PAN.001 /CC	420 (140per colour)	RGB	25W	300x57x300mm	24VDC

*CC=Common Cathode

ALUMINIUM LED PANELS RGB

RGB: Management through:
- DMX 512 controllers.
- Wireless IR & RF control units.
- DALI Protocol devices.

- Decorative LED panels with aluminium base
- Diffuse light due to the milky plaxiglass cover on top of the panel

Code*	No.LED	Colour	Watt	Dimensions	Voltage
TUB.008 /CC	450 (150per colour)	RGB	22W	1000x40X110mm	24VDC
TUB.068 /CC	450 (150per colour)	RGB	17.6W	800x40X110mm	24VDC
TUB.069 /CC	450 (150per colour)	RGB	13.2W	600x40X110mm	24VDC
TUB.070 /CC	450 (150per colour)	RGB	8.8W	400x40X110mm	24VDC
TUB.071 /CC	450 (150per colour)	RGB	4.4W	200x40X110mm	24VDC

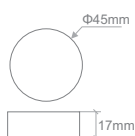*CC=Common Cathode

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ROUND STAR SPOTS

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

Φ45mm

17mm

Code	No.LED	Colour	Watt	Dimensions	Voltage
ALI.008	4	COOL WHITE	0.3W	Φ45x17mm	12VDC
ALI.009	4	WARM WHITE	0.3W	Φ45x17mm	12VDC
ALI.010	4	GREEN	0.3W	Φ45x17mm	12VDC
ALI.011	4	RED	0.4W	Φ45x17mm	12VDC
ALI.012	4	AMBER	0.4W	Φ45x17mm	12VDC
ALI.013	4	BLUE	0.3W	Φ45x17mm	12VDC

LED EPIGRAM RGB
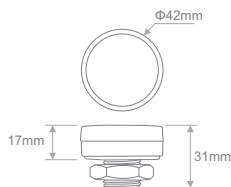
Φ42mm

17mm   31mm
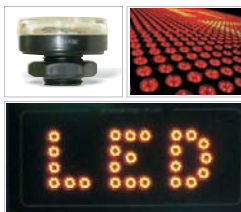
- **RGB:** Management through:
- DMX 512 controllers.
- Wireless IR & RF control units.
- DALI Protocol devices.

- Ideal to create video wall or advertising board that projects words and geometric elements
- Attracts attention from a distance
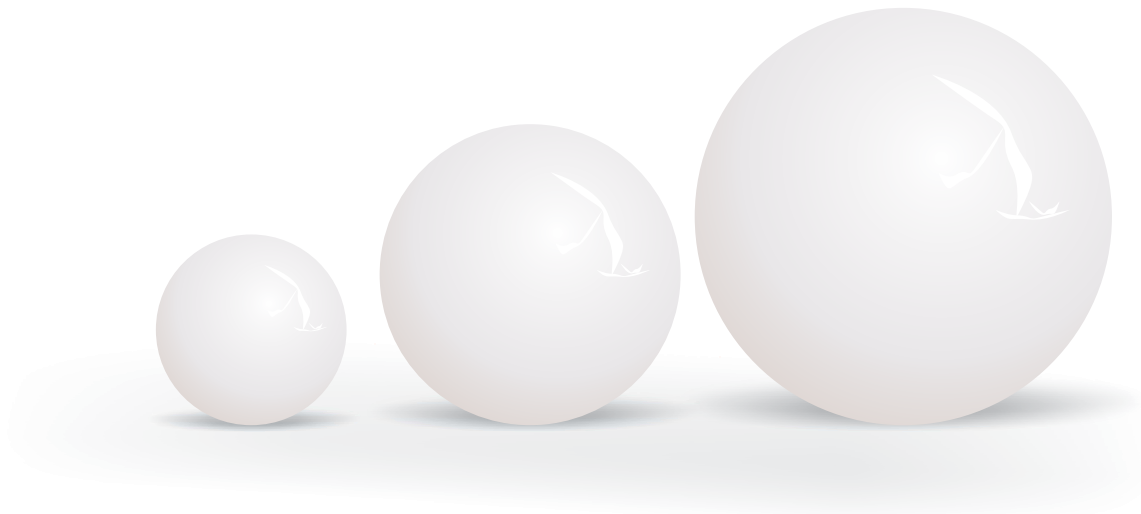- Robust construction

Code*	No.LED	Colour	Watt	⌀ Diameter	Voltage
LED.035 /CC	18 (6per colour)	RGB	1.8W	40mm	24VDC

*CC=Common Cathode

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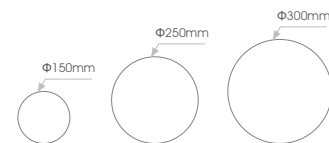**fibreLED**
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LED BALLS RGB

RGB: Management through:
- DMX 512 controllers.
- Wireless IR & RF control units.
- DALI Protocol devices.

- Ideal for ambient lighting
- Impressive decorative elements

Code*	No.LED	Colour	Watt	Diameter/Height	Voltage
WALL MOUNTED					
BAL.101 /CC	64	RGB	5W	150mm (Φ)	24VDC
BAL.102 /CC	90	RGB	7W	250mm (Φ)	24VDC
BAL.103 /CC	148	RGB	9W	300mm (Φ)	24VDC
PENDANT					
BAL.001 /CC	64	RGB	5W	150mm (Φ)	24VDC
BAL.002 /CC	90	RGB	7W	250mm (Φ)	24VDC
BAL.003 /CC	148	RGB	9W	300mm (Φ)	24VDC
With STAND					
BAL.201 /CC	64	RGB	5W	600mm (h)	24VDC
BAL.202 /CC	90	RGB	7W	600mm (h)	24VDC
BAL.203 /CC	148	RGB	9W	600mm (h)	24VDC
BAL.211 /CC	64	RGB	5W	1140mm (h)	24VDC
BAL.212 /CC	90	RGB	7W	1140mm (h)	24VDC
BAL.213 /CC	148	RGB	9W	1140mm (h)	24VDC
BAL.221 /CC	64	RGB	5W	1680mm (h)	24VDC
BAL.222 /CC	90	RGB	7W	1680mm (h)	24VDC
BAL.223 /CC	148	RGB	9W	1680mm (h)	24VDC

*CC=Common Cathode

Φ150mm Φ250mm Φ300mm

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