

**LED & ARCHITECTURAL**  
L I G H T I N G



P R O D U C T  
G U I D E

2 0 2 6

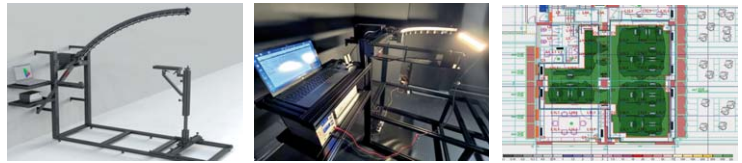
# ELECTRON SA PROFILE

Established in 1978, ELECTRON S.A. has been at the forefront of manufacturing and distributing high-quality lighting products for over four decades. Headquartered in Athens, Greece, the company has become a renowned player in the lighting industry. Since expanding into international markets in 1996, ELECTRON has successfully been delivering its products worldwide. Originally founded in the theatrical lighting sector, ELECTRON's expertise lies in the design, development, and production of advanced lighting management systems. This deep-rooted experience has allowed the company to gain unparalleled knowledge in the electronics of luminaires and lighting control systems, enabling it to offer cutting-edge solutions to clients. In addition to its core offerings, ELECTRON designs and manufactures Casambi partner products, including switches and drivers, used with the Casambi App available for both iOS and Android platforms. This collaboration enhances user control and flexibility, providing intelligent lighting solutions for modern spaces. With 48 years of expertise in the development and production of high-quality luminaires and Lighting Management & Control Systems, ELECTRON has established itself as a leader in delivering innovative, reliable, and customized lighting solutions. Every project undertaken is approached with attention to detail. From initial stages to final implementation, each solution is carefully designed and managed to ensure seamless integration and ease of use for end users.



## Photometric Accuracy & Performance

We place a strong emphasis on the quality and precision of our products. To support this, we operate an in-house photometry lab that guarantees accurate photometric data for our product range. This facility enables us to conduct quick and reliable measurements for custom products and mock-ups, ensuring that our solutions deliver the required performance and efficiency.



## Product Development & Innovation

We place a strong emphasis on the continuous development of innovative products that respond to both evolving design aspirations and the most demanding technical requirements. Our approach is driven by a commitment to design excellence, precision engineering, and architectural integrity. We dedicate particular attention to delivering tailored solutions, valuing custom-designed systems developed through a comprehensive process that spans from initial conceptual sketches to advanced digital applications.



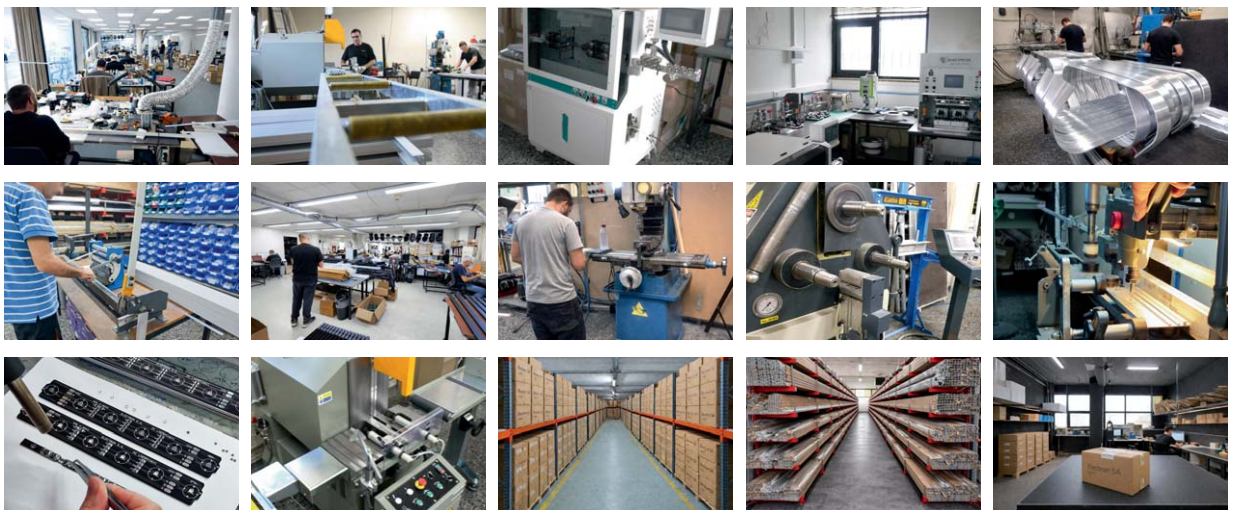
## PU Encapsulation

We operate an in-house laboratory and production line equipped with advanced machinery for the manufacture of polyurethane (PU) encapsulated luminaires. The encapsulation process ensures long-term mechanical stability, optical uniformity, and environmental resistance. These luminaires provide excellent colour consistency and homogeneous light output across the entire illuminated length. Multiple housing profiles and mounting options are available to support a wide range of architectural, industrial, and outdoor applications. Key photometric and mechanical parameters—including CCT, power consumption, luminous output, and luminaire length—are fully customizable to meet project-specific requirements. Polyurethane encapsulation delivers high ingress protection, with protection ratings depending on the model, up to IP66, IP67, or IP68, making the luminaires suitable for harsh environments.

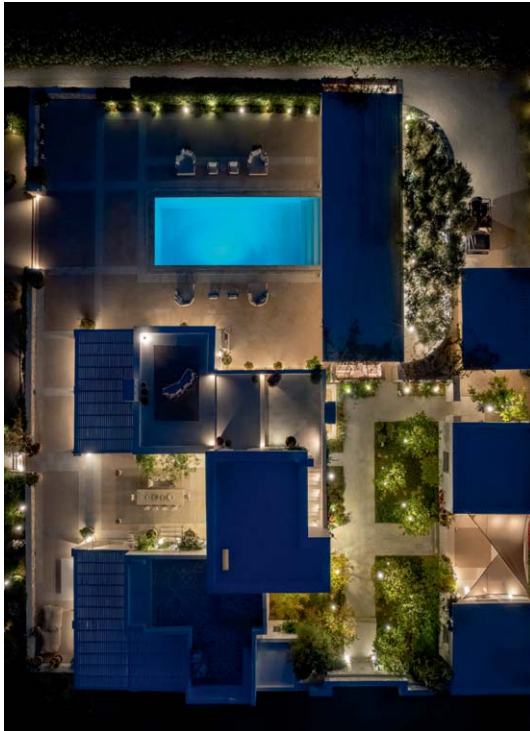


## Production Engineering, Quality Execution & Logistics

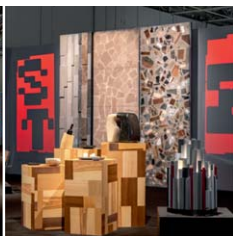
At the core of ELECTRON'S success is a highly skilled and motivated team united by a shared commitment to technical excellence and product quality. Our multidisciplinary professionals bring extensive expertise across lighting design, engineering, manufacturing, and quality control, ensuring precision at every stage of development and production. Driven by continuous improvement and innovation, the ELECTRON team consistently pushes the boundaries of lighting technology while maintaining a strong focus on reliability, performance, and compliance. Electron maintains a comprehensive inventory of raw materials, supported by a dedicated and well-coordinated logistics department. This ensures efficient production planning and reliable lead times for all customer orders. All products are packaged using carefully designed protective methods to ensure safe handling, transport, and delivery to the installation site.




# Project Awards




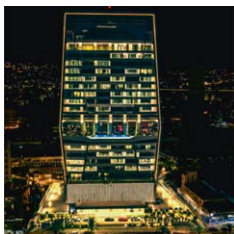
**Villa Mia Zoi**  
(Paros / Greece)  
Lighting Design: ikao Design Ltd / Vasiliki Malakasi  
Architect: Biglita Busse / Landscape Architect  
Photo: Gavril Papadotiis  
**AWARDS 2024:**  
  
**LIGHTING DESIGN AWARDS:**  
Winners in Residential Lighting Design



**WASTED Installation at the Architect Show**  
(Athens / Greece)  
Lighting Design: ASight  
Artist Curators: John Velkos & Anna Spokou  
Video & Graphic Curation: Design Ambassador  
Photo: Gavril Papadotiis  
**AWARDS:**  
  
Shortlisted 2022 Art: Low Budget




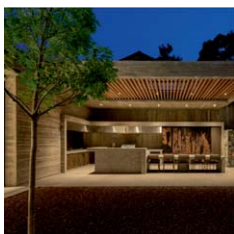
**Panathenaic Stadium**  
(Athens / Greece)  
Lighting Design: George Velos  
Photographer: Dora Koutis  
**AWARDS:**  
  
Best Project In 2022  
Casambi Awards



**ICON TOWER High Rise Residential**  
(Limassol / Cyprus)  
Lighting Design: Sigala-lighting  
Architect: UDS Architects  
Photo: Maros Ioannides  
**AWARDS:**  
  
Entries 2022: Structures High Budget  
  
**LIGHTING DESIGN AWARDS:**  
Winners in Residential Lighting Design



**Townhouse**  
(Lefkada / Greece)  
Lighting design: ikao Design Ltd  
Architect: Ioanna Zavitianou  
Photo: Gavril Papadotiis  
**AWARDS:**  
  
Structures Low Budget 2022:  
Second Place



**Residence**  
(Paphos / Cyprus)  
Lighting Design: Aikestie Szarlatou - light in space  
Architect: Elena Konstantinidou Architects  
Photo: Maria Ethymiou  
**AWARDS:**  
  
**LIGHTING DESIGN AWARDS:**  
Winners in Residential Lighting Design



**Akasha Beach Hotel & Spa**  
(Heraklion Crete / Greece)  
Architects: schema 4 architects  
Photos: Manos Elchetsis  
**AWARDS:**  
BIGSEE Interior Design  
AWARD 2022 Winner

## Exterior Linear



## Exterior Projectors



# Exterior Inground, Surface, Wall, Bollard



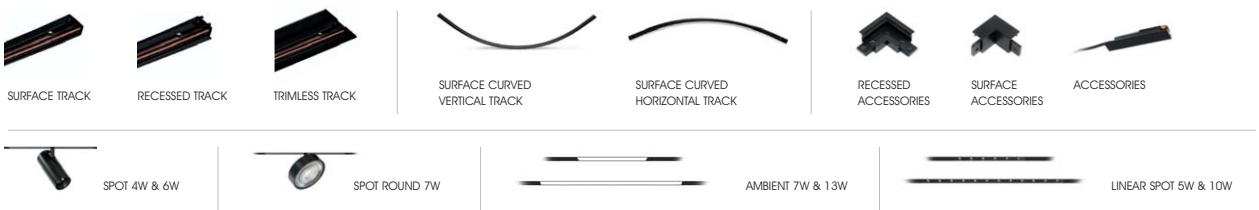


# Interior Systems

## CLICK IT SYSTEM



## NANO SYSTEM



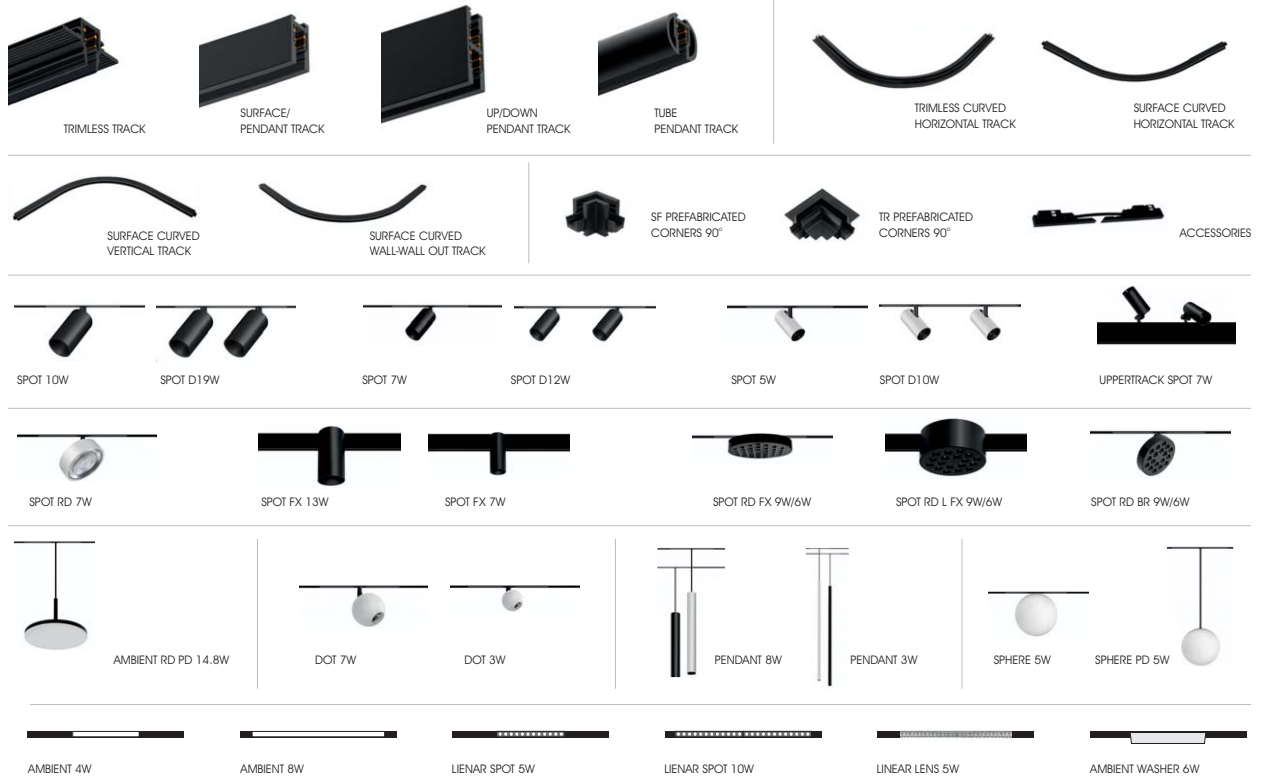
## RAIL SYSTEM



## FORMA FLEX SYSTEM



## EVOLINE SYSTEM



## LINK XL MODULAR



## LINK MODULAR





# Interior Spotlights

## 3 CIRCUIT LIGHTING TRACKS



### CALISTO



### RIENA



### FERIA



### FOLLIO II

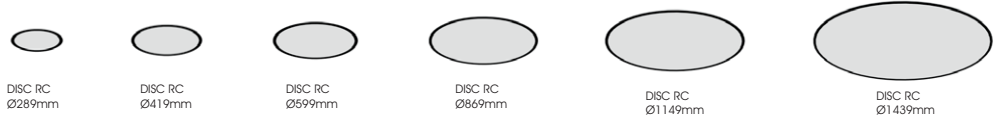


### ADORNO TRACK RETROFIT

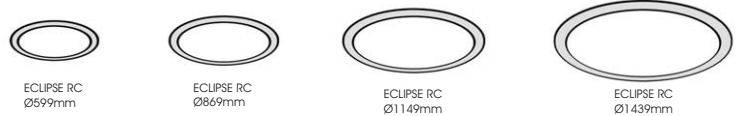


# Ceiling Recessed

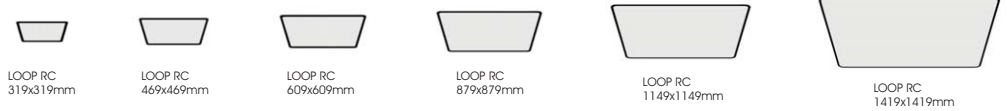
### DISC RC



### ECLIPSE RC



### LOOP RC



### ORBIT RC



### REFORM



### DANDO FRAME RC



### DANDO ZOOM RC



### ADORNO RC Retrofit



### SPLIT Series



### SOUL



HIDE RC



SANTI



WHISPER RC



CRUSH RC



POLAR RC



LIMIT RC



MANI



SCOOP N



NORDIA



LIMA



LANE



FOCUS RC



ERIS



MERLYN



CASTALIA



REVO



VESTA



AVRA



JUPITER



ELDO



EVO I



TALUS



RODITA SORENA



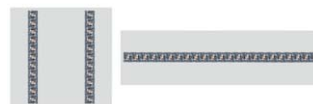
RONELO



ELTO PANEL



HORIZON



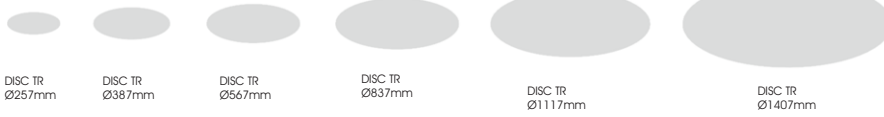
LED PANEL





# Ceiling Trimless

## DISC TR



DISC TR  
Ø257mm

DISC TR  
Ø387mm

DISC TR  
Ø567mm

DISC TR  
Ø837mm

DISC TR  
Ø1117mm

DISC TR  
Ø1407mm

## LOOP TR



LOOP TR  
306x306mm

LOOP TR  
456x456mm

LOOP TR  
596x596mm

LOOP TR  
866x866mm

LOOP TR  
1136x1136mm

LOOP TR  
1406x1406mm

## REFORM TR



REFORM 30 TR

REFORM 30 InOut TR

REFORM 52 TR

REFORM 52 InOut TR

## SPLIT TR Series



MICRO

MINI

MIDI

MAX

## HIDE TR



HIDE TR

HIDE TR DEEP

HIDE TR DOUBLE

HIDE TR DEEP DOUBLE

HIDE MINI TR

HIDE MINI TR DEEP

## WHISPER TR



## CRUSH TR



CRUSH TR

CRUSH TR DOUBLE

## POLAR TR



## LIMIT TR



LIMIT TR  
IP67-IP66

LIMIT TR  
IP20-IP44

## FOCUS TR



## LIMA



LIMA 4 TR

LIMA 10 TR

LIMA 21 TR

LIMA WASH 10 TR

LIMA WASH 21 TR

LIMA DF 4 TR

LIMA DF 10 TR

LIMA DF 21 TR

## LUPO



LUPO RD WASH

LUPO RD

LUPO SQ WASH

LUPO SQ

## PANDORA HEKTOR GALINO



PANDORA

HEKTOR

GALINO

## PLASTER



SEAMLESS RD / SQ SHORT /  
SQ WASH 45°

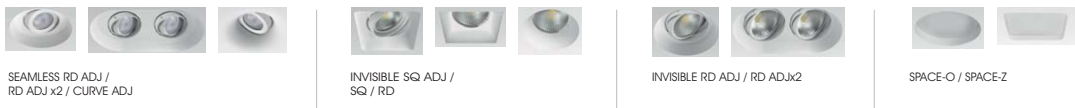
SHARP RD/SQ

VERTICO

SEAMLESS SQ / SQx2

SEAMLESS SQ ADJ / ADJx2

## PLASTER



SEAMLESS RD ADJ /  
RD ADJ x2 / CURVE ADJ

INVISIBLE SQ ADJ /  
SQ / RD

INVISIBLE RD ADJ / RD ADJx2

SPACE-O / SPACE-Z



# Ceiling Surface

DISC SF							
	DISC SF Ø270mm	DISC SF Ø400mm	DISC SF Ø580mm	DISC SF Ø850mm	DISC SF Ø1130mm	DISC SF Ø1420mm	
DISC SF DECO							
	DISC SF DECO Ø270mm	DISC SF DECO Ø400mm	DISC SF DECO Ø580mm	DISC SF DECO Ø850mm	DISC SF DECO Ø1130mm	DISC SF DECO Ø1420mm	
ECLIPSE SF							
		ECLIPSE SF Ø580mm	ECLIPSE SF Ø850mm	ECLIPSE SF Ø1130mm	ECLIPSE SF Ø1420mm		
ECLIPSE SF DECO							
		ECLIPSE SF DECO Ø580mm	ECLIPSE SF DECO Ø850mm	ECLIPSE SF DECO Ø1130mm	ECLIPSE SF DECO Ø1420mm		
LOOP SF							
	LOOP SF 300x300mm	LOOP SF 450x450mm	LOOP SF 590x590mm	LOOP SF 860x860mm	LOOP SF 1130x1130mm	LOOP SF 1400x1400mm	
LOOP SF DECO							
	LOOP SF DECO 300x300mm	LOOP SF DECO 450x450mm	LOOP SF DECO 590x590mm	LOOP SF DECO 860x860mm	LOOP SF DECO 1130x1130mm	LOOP SF DECO 1400x1400mm	
ORBIT SF							
		ORBIT SF 590x590mm	ORBIT SF 860x860mm	ORBIT SF 1130x1130mm	ORBIT SF 1400x1400mm		
ORBIT SF DECO							
		ORBIT SF DECO 590x590mm	ORBIT SF DECO 860x860mm	ORBIT SF DECO 1130x1130mm	ORBIT SF DECO 1400x1400mm		
TARTA				REFORM			
				REFORM 30 SF SPOT	REFORM 52 SF SPOT	REFORM 75 SF SPOT	
DANDO FRAME SF		LACERTA		ADORNO			
	DANDO ZOOM SF				ADORNO SF SPOTLIGHT RETROFIT	ADORNO SF RETROFIT	
						MORETTO	
TALUS		BAREL		ARIES		ATLAS	
							LED BATTEN



# Interior Pendant

DISC  
PDD-PDDI



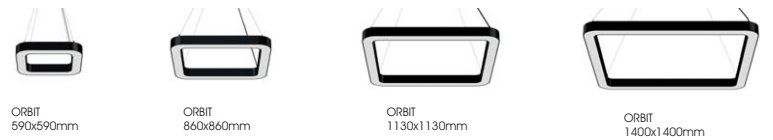
ECLIPSE  
PDD-PDDI



LOOP  
PDD-PDDI



ORBIT  
PDD-PDDI



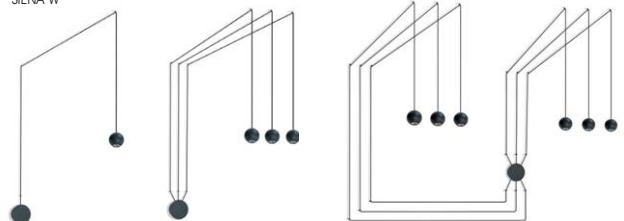
SIENA



SIENA RT



SIENA W



ADORNO PD  
RETROFIT



JERIS



IRIS



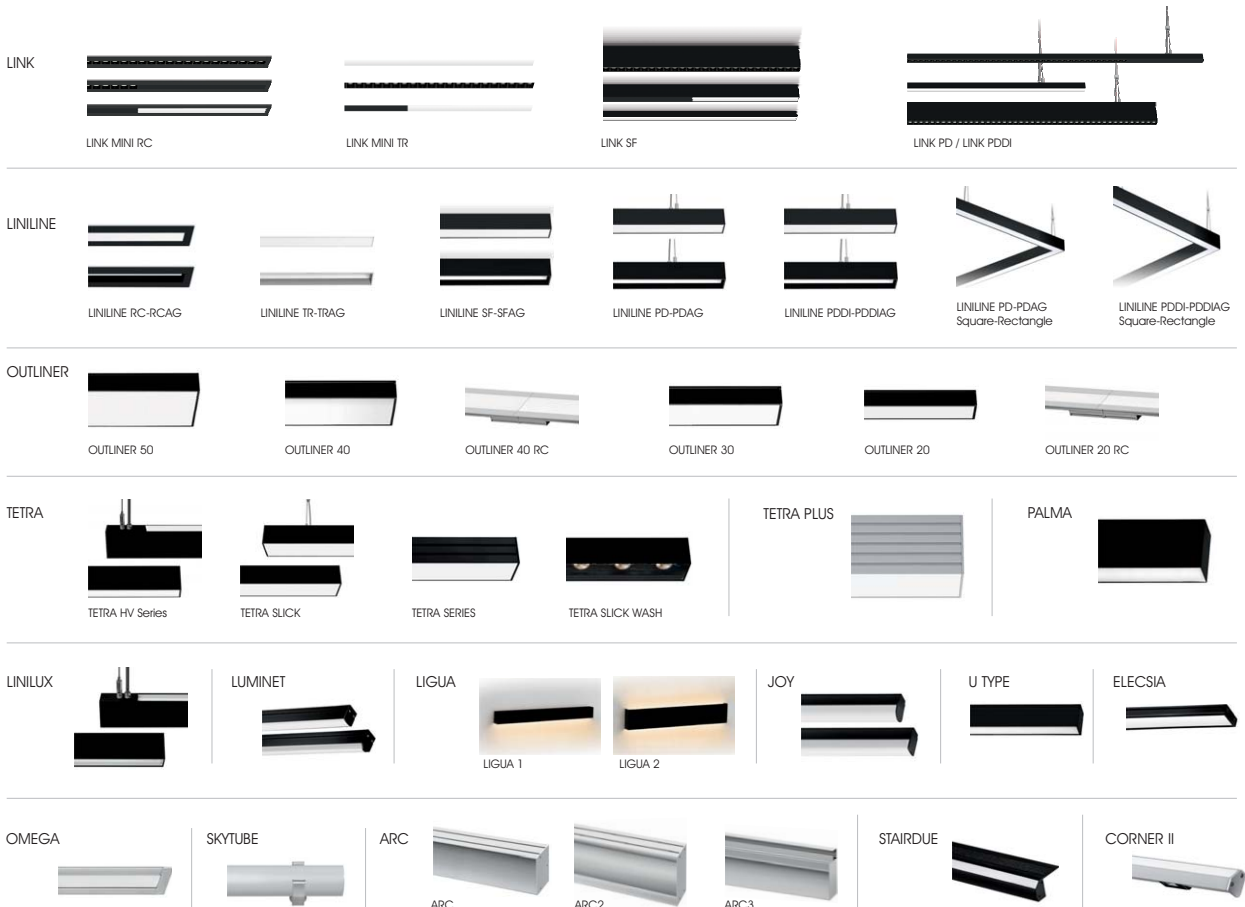
METIS



## Interior Wall



## Interior Linear

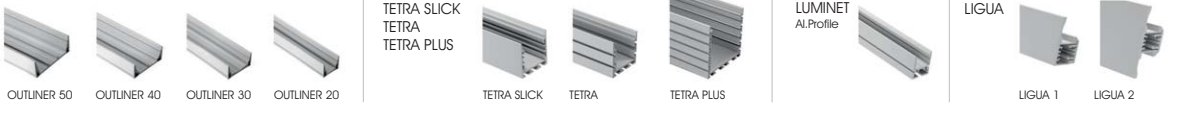


# Aluminium Profiles

## LINILINE



## OUTLINER



## LINART



## LUNGO



## TINY



## CORNER



# Flexible LEDs

## SUPREME SERIES



## PRIME SERIES



## STANDARD SERIES



## COB SERIES



## MILKY SERIES





# Lighting Management, Power Supplies & Controllers

<b>ARLIC</b> <p>ARLIC      Control Panels      Accessories</p>			<b>DMR Trailing Edge Dimmers</b> <p>DMR 730      DMR 731</p>			<b>DIN RAIL Trailing Edge Dimmers</b> 		<b>DIN RAIL Trailing Edge Dimmers DMR 745</b> 		<b>Analogue to DMX Merger Converter</b> 													
<b>DMX to 1-10V &amp; DMX to 0-10V</b> 		<b>4ch DALI/DSI to DMX Interface</b> 		<b>1ch DMX to DALI Interface</b> 		<b>PIR Motion Detector</b> 		<b>2 Programmable Buttons DALI DT6/DT8, NFC Prog.</b> 		<b>Single Channel Push Button for 0-10V</b> 		<b>BLUETOOTH</b> <p>Bluetooth 4 Push Button      Bluetooth DMX to Casambi      Bluetooth Casambi to DMX      Bluetooth Xpress Wireless</p>											
<b>Bluetooth 4ch PWM</b> 		<b>Bluetooth 4ch PWM</b> 		<b>Bluetooth 1ch PWM</b> 		<b>Bluetooth 4 Push Button</b> 		<b>Bluetooth Trailing Edge</b> 		<b>Bluetooth to 0-10V, 1-10V or DALI</b> 		<b>Bluetooth to DALI</b> 		<b>Bluetooth to DALI Gateway</b> 		<b>Bluetooth 1ch Relay Switch (ICR)</b> 		<b>Bluetooth 2ch Relay Switch</b> 		<b>Bluetooth DALI interface</b> 		<b>Bluetooth Sensor</b> 	
<b>6ch DMX IR Remote Control</b> 			<b>4ch RGBW Touch DMX &amp; PWM 12/24V Output</b> 			<b>Inrush Current Limiter 300ms 180-264VAC / 16A</b> 			<b>EMERGENCY Light KIT</b> <p>Emerg KIT Const. Current LED      Emerg KIT for 12V LED Lamps GUS.3      Emerg KIT for 230V LED Lamps GU10</p>			<b>Dimmable Electronic Transformer</b> 		<b>Cables &amp; Connectors</b> 		<b>Cables &amp; Connectors</b> 							
<b>IP65 &amp; IP68 Connectors</b> <p>IP68 Connectors      IP68 Macro Connectors      IP65 Junction Box      IP68 Connectors With Sealing Gel</p>				<b>Extension Cables &amp; Splitters</b> 				<b>LED Cables RGB &amp; RGBW</b> 		<b>PREMIUM Series Trailing</b> 		<b>ACTOR BASE Trailing</b> 		<b>DMX Merger Splitter</b> 		<b>DMX Repeater</b> 		<b>DMX512 RDM WIFI LED Cont.</b> 					



## Constant Voltage LED Drivers

<b>TW &amp; RGBW DMX/RDM PWM Converter IP66</b> 		<b>1/2/4ch DMX/RDM PWM Converter IP66</b> 		<b>TW &amp; RGBW DMX/RDM PWM Converter</b> 		<b>2&amp;4ch DMX/RDM PWM Converter</b> 		<b>48.5ch DMX/RDM</b> 		<b>4ch DMX512/ RDM Dim.</b> 		<b>4ch RGBW DMX</b> 		<b>3ch DMX Dim. Converters</b> 		<b>3ch RGB DMX Dim.</b> 		<b>3ch RGB DMX Dim. IR Remote Control</b> 	
<b>1ch Dim. LED Driving Converters</b> 		<b>DMX to Const.Volt. Converters</b> 		<b>4ch RGBW LED Driving Booster</b> 		<b>3ch RGB Booster</b> 		<b>1ch LED Driving Boosters</b> 		<b>DMX/RDM, DALI-2 DT6/DT8 RGBW High Frequency</b> 		<b>DALI-2 DT6/DT8 TW High Frequency</b> 		<b>DALI DT8 RGBW High Frequency</b> 		<b>DALI DT8 Dual Colour</b> 		<b>DALI to Const.Volt.</b> 	
<b>DALI to Const.Volt.</b> 		<b>DALI 0-10V, 1-10V, Phase Cut</b> 		<b>DALI 0-10V, 1-10V to Const.Volt.</b> 		<b>1ch High IP Rated Dim. DALI</b> 		<b>1ch High IP Rated Ultra Thin</b> 		<b>1ch High IP Rated 1-10V Dim</b> 		<b>1ch DIM. 1-10V &amp; Push Switch</b> 		<b>1ch Phase Cut Leading or Trailing Edge</b> 		<b>1ch LED Dimmer- Drivers</b> 		<b>1ch Dim. 1-10V Potentiometer</b> 	
<b>6 zones RGB/RGBW RF Remote Control</b> 		<b>3ch RGB Dim. RF Remote Control</b> 		<b>5 zones Monochromatic RF Remote Control</b> 		<b>1ch RF Remote Control</b> 		<b>1ch High IP Rated 48VDC/42VDC</b> 		<b>1ch High IP Rated 24VDC</b> 		<b>1ch High IP Rated 12VDC/5VDC</b> 		<b>1ch DIN RAIL</b> 					



## Constant Current LED Drivers

<b>Single Channel DC to DC Converters PWM Dim.</b> 		<b>Single Channel DC to DC Converters IP68 PWM Dim.</b> 		<b>4ch DMX/RDM to Const.Current</b> 		<b>2ch DMX512/RDM to Const.Current NFC Programmable</b> 		<b>4ch DMX512/RDM Decoder</b> 		<b>DMX TW Single Output 2ch</b> 		<b>2ch DMX to Const.Current</b> 		<b>DMX RGBW</b> 		<b>1ch DMX to Const.Current</b> 		<b>1ch DMX/RDM to Const.Current</b> 	
<b>1ch DMX to Const.Current</b> 		<b>1ch DMX / 1-10V / Push Dim.</b> 		<b>1ch LED Boosters</b> 		<b>1ch DMX WD</b> 		<b>DALI DT8 4ch TW</b> 		<b>DALI DT8 4ch RGBW</b> 		<b>4ch DALI to Const.Current</b> 		<b>2ch DALI to Const.Current</b> 		<b>2ch TW DT8 DALI to Const.Current NFC Programmable</b> 		<b>1ch DT6 DALI to Const.Current NFC Programmable</b> 	
<b>1ch DALI to Const.Current or Const.Volt.</b> 		<b>1ch DALI to Const.Current</b> 		<b>1ch DALI WD</b> 		<b>1ch DALI / 1-10V / PUSH WD</b> 		<b>1ch DALI WD NFC Programmable</b> 		<b>1ch DALI Dim. IP68 NFC Programmable</b> 		<b>1ch DALI Dim. IP68</b> 		<b>1ch Dim. 1-10V Const.Current or Const.Volt.</b> 		<b>1ch Dim. 1-10V Potentiometer</b> 		<b>1ch Dim. 1-10V</b> 	
<b>2ch 0-10V/1-10V to Const.Current or Const.Volt. NFC Prog.</b> 		<b>1ch 1-10V WD</b> 		<b>1ch 1-10V Dim. IP68</b> 		<b>1ch Leading or Trailing Edge Phase Cut</b> 		<b>1ch Leading or Trailing Edge Phase Cut</b> 		<b>1ch Phase Cut WD</b> 		<b>1ch Multi Power Const.Current NFC Prog.</b> 		<b>1ch Multi Power</b> 		<b>1ch 350-700mA Small Size</b> 		<b>1ch 200-1050mA</b> 	

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