

# LED & ARCHITECTURAL



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 wallmounted 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

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 accordina 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.









**About** 

**ELECTRON SA** 

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.

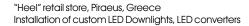
• Please note that the data included in this catalogue reflect statistical and not necessarily actual figures. Variations may occur in terms of the specifications of LEDs, such as CCT/ CRI/ W/ Dimensions, mainly due to the different production bunches of LEDs.



#### 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:

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







#### **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

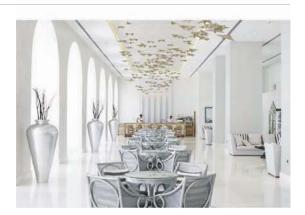




#### **Big Projects & Small Installations**

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 backup 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!



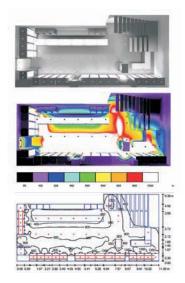






The lighting design team ensures the creation of installations with functionality and good aesthetics.













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Wall Recessed
Surface Downlights
Recessed Downlights
Pendant



Wall Mounted

Wall Recessed

Surface Downlights

Recessed Downlights

Pendant



Plaster Lighting
Plaster Lighting

PLASTER

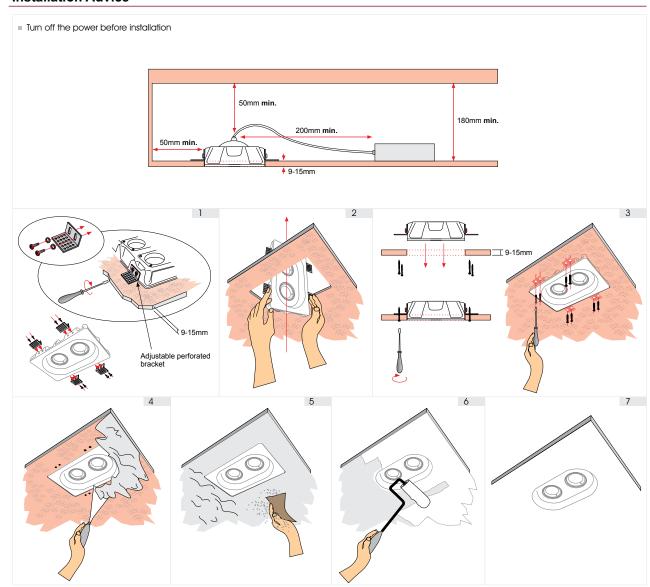
LIGHTING







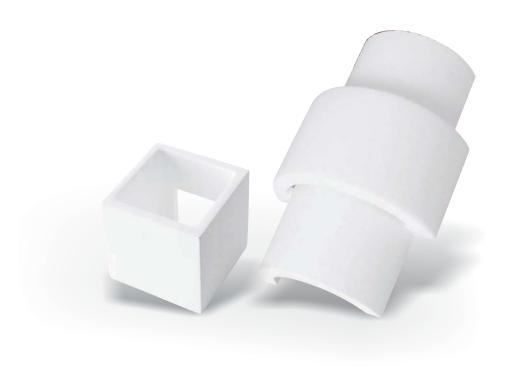
### **Installation Advice**





Wall Mounted

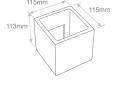
CUBE PL / FAROS-P



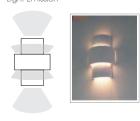
Code	Model	Lamp Maximum Holder Consump		Voltage			IP 🕢
PWM.001	CUBE PL	G9	40W	220-240VAC	Not included	0.68Kg	IP20
PWM.011	FAROS-P	E14	40W	220-240VAC	Not included	2.41Kg	IP20

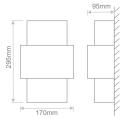






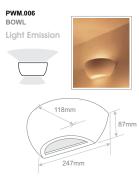
#### PWM.011 FAROS-P Light Emission















Wall Mounted

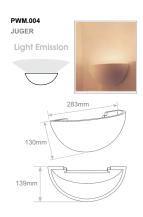
WAVE / VISION / JUGER



Code	Model	Lamp Holder	Maximum Consumption	Voltage			IP
PWM.002	WAVE	R7S	100W	220-240VAC	Not included	2.08Kg	IP20
PWM.003	VISION	E14	40W	220-240VAC	Not included	0.76Kg	IP20
PWM.004	JUGER	E14	40W	220-240VAC	Not included	1.1Kg	IP20









Plaster Lighting Wall Mounted

CAFÉ / MENSA



Code	Model	Lamp Holder	Maximum Consumption	Voltage			IP 🕢
PWM.010	CAFÉ	G9	40W	220-240VAC	Not included	1.10Kg	IP20
PWM.014	MENSA	E14	40W	220-240VAC	Not included	1.50Kg	IP20



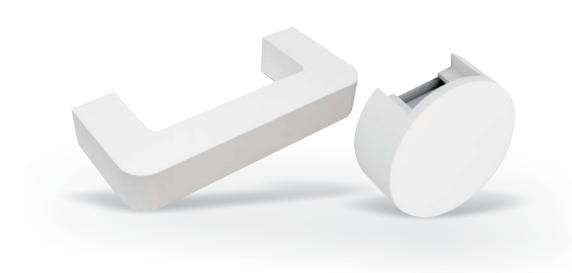
PWM.014 MENSA





Wall Mounted

EUROPA / IDA



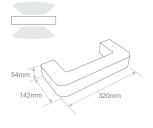
Code	Model	LED Colour*	Watt	Constant Current	LED			IP
PWM.015	EUROPA	WARM WHITE	1x3W	700mA	Included	1.05Kg	182x122mm	IP20
PWM.016	IDA	WARM WHITE	2x2W	500mA	Included	0.60Kg	102x102mm	IP20

 $<sup>\</sup>ensuremath{^{\star}}$  Available in Cool White & Blue upon request.



# PWM.015

Light Emission



#### PWM.016

IDA

Light Emission





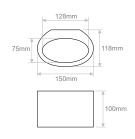
Wall Mounted

# LETO / JUNO



#### PWM.012

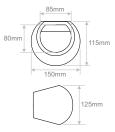




Code	Lamp Model Holder		Maximum Consumption Voltage				IP 🕢	
PWM.012	LETO	G9	40W	220-240VAC	Not included	0.75Kg	IP20	8
PWM.013	JUNO	G9	40W	220-240VAC	Not included	0.5Kg	IP20	







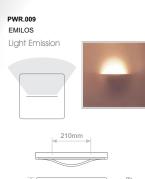


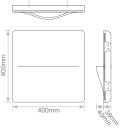
Wall Recessed

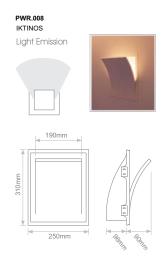
EMILOS / IKTINOS



Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢	
									0
PWR.009	EMILOS	G9	40W	220-240VAC	Not included	3.6Kg	402x402mm	IP20	
PWR.008	IKTINOS	E14	40W	220-240VAC	Not included	3.9Kg	312x252mm	IP20	
					*0	uitable for	plastorboard 0m	m 15mm	









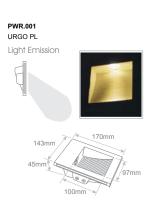
Wall Recessed

# URGO PL / URGO SLEEK



Code	Model	LED Source	Watt	Constan Current	† LED			IP 🕢
PWR.001	URGO PL	COOL WHITE WARM WHITE BLUE	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20
PWR.002	URGO SLEEK	COOL WHITE WARM WHITE	1x1W	350mA	Not included	0.64Kg	145x172mm	IP20









Wall Recessed

CIRCLE PL /
CIRCLE LPL

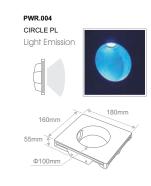


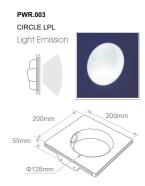
Code	Model	LED Source	Watt	Current	LED		<i>\( \alpha \)</i>	IP 🕖
PWR.004	CIRCLE PL	COOL WHITE WARM WHITE	1x1W	350mA	Not included	1.08Kg	162x182mm	IP20

Constant

PWR.004	CIRCLE PL	WARM WHITE BLUE	1x1W	350mA	Not included	1.08Kg	162x182mm	IP20
PWR.003	CIRCLE LPL	COOL WHITE WARM WHITE BLUE	1x1W	350mA	Not included	1.30Kg	202x202mm	IP20









# Plaster Lighting Wall Recessed

# CERES L / CERES



Code	Model	LED Source	Watt	Constant Current	LED			IP 🕢
PWR.012	CERES L	COOL WHITE WARM WHITE BLUE	1x1W	350mA	Not included	0.62Kg	182x122mm	IP20
PWR.013	CERES	COOL WHITE WARM WHITE BLUE	1x1W	350mA	Not included	0.62Kg	102x102mm	IP20

PWR.012 CERES L Light Emission





PWR.013 CERES Light Emission











NECK / SHAPE / TEAR







Code	Model	LED Source	Watt	Constant Current	LED			IP 🕢
PWR.005	NECK	COOL WHITE WARM WHITE BLUE	1x1W	350mA	Not included	1.00Kg	145x232mm	IP20
PWR.006	SHAPE	$\left\langle \mathop{COOL}_{WARM} \mathop{WHITE}_{BLUE} \right\rangle$	1x1W	350mA	Not included	0.88Kg	110x247mm	IP20
PWR.007	TEAR	COOL WHITE WARM WHITE BLUE	1x1W	350mA	Not included	1.18Kg	103x322mm	IP20









## Plaster Lighting Wall Recessed

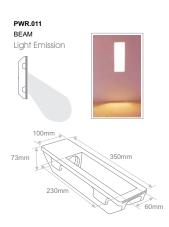
MYRON / BEAM





Code	Model	Lamp / Lamp Holder / Source	Watt	Voltage			47	IP 🕢	
									0
PWR.010	MYRON	LED SOURCE Warm White	12W	230VAC	Included	2.53Kg	302x182mm	IP20	
PWR.011	BEAM	Gx5.3 / MR16	35W	12VAC	Not included	1.53Kg	352x102mm	IP20	







Plaster Lighting Surface Downlights

ATLAS



Code	Model	Lamp Holder	Maximum Consumption	Voltage			IP 🕢
PCS.003	ATLAS	GU10	35W	220-240VAC	Not included	1.98Kg	IP20







Plaster Lighting Surface Downlights

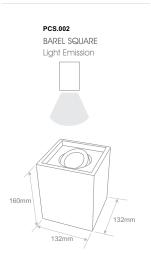
BAREL ROUND / BAREL SQUARE





Code	Model	Lamp Holder	Maximum Consumption	Voltage			IP 🔕
PC\$.001	BAREL ROUND	Gx5.3	35W	12VAC	Not included	1.2Kg	IP20
PCS.002	BAREL SQUARE	Gx5.3	35W	12VAC	Not included	1.6Kg	IP20







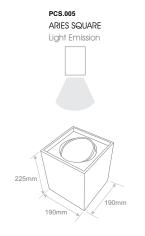


Plaster Lighting
Surface Downlights

ARIES ROUND / ARIES SQUARE

Code	Model	Lamp Holder	Maximum Consumption	Voltage			IP
PC\$.004	ARIES ROUND	AR111	100W	12VAC	Not included	3.4Kg	IP20
PC\$.005	ARIES SQUARE	AR111	100W	12VAC	Not included	4.5Kg	IP20







Recessed Downlights

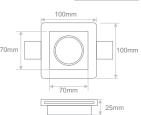
SEAMLESS ROUND / SQUARE SHORT / SQUARE WASH 45°





## PCR.001 SEAMLESS SQUARE SHORT Light Emission





Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢	\$
									0
PCR.007	SEAMLESS ROUND	Gx5.3	35W	12VAC	Not included	0.34Kg	Ф 132mm	IP20	
PCR.001	SEAMLESS SQUARE SHORT	Gx5.3	35W	12VAC	Not included	0.20Kg	102x102mm	IP20	
						*Suitable	for plasterboar	d 12mm	
PCR.003	SEAMLESS SQUARE WASH 45	○ Gx5.3	35W	12VAC	Not included	0.55Kg	122x122mm	IP20	
					*Sui	table for pl	asterboard 9mn	n-15mm	

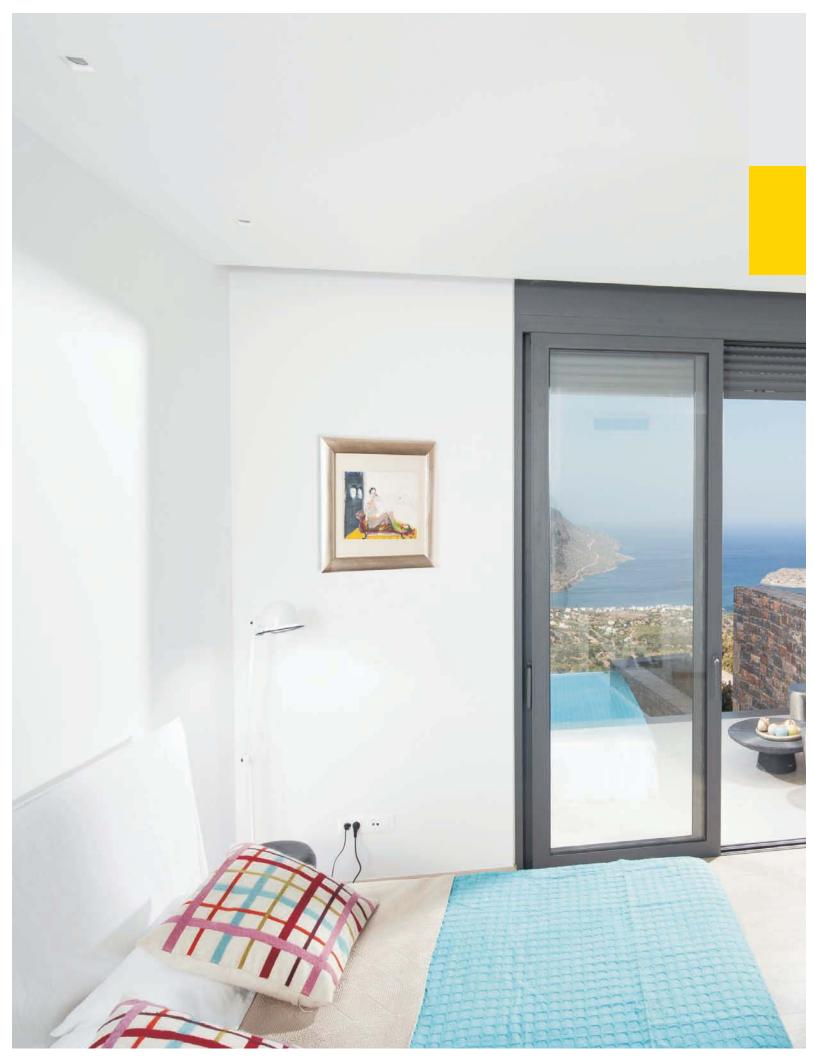
#### PCR.003 SEAMLESS SQUARE WASH 45°









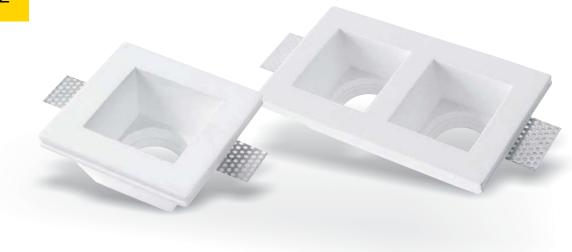






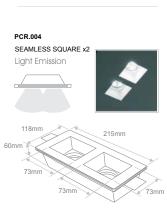
Recessed Downlights

SEAMLESS SQUARE / SQUARE x2



Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢
PCR.002	SEAMLESS SQUARE	Gx5.3	35W	12VAC	Not included	0.44Kg	120x120mm	IP20
PCR.004	SEAMLESS SQUARE x2	2xGx5.3	2x35W	12VAC	Not included	0.94Kg	120x217mm	IP20
*Suitable for plasterboard 12mm								







Recessed Downlights

SEAMLESS SQUARE ADJUSTABLE / ADJUSTABLE x2



Code	Model	Lamp Holder	Maximum Consumption	Voltage			47	IP
PCR.005	SEAMLESS SQUARE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.84Kg	157x157mm	IP20
PCR.006	SEAMLESS SQUARE ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.56Kg	157x282mm	IP20

\*Suitable for plasterboard 9mm-15mm

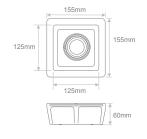
#### PCR.005

SEAMLESS SQUARE ADJUSTABLE

Light Emission







#### PCR.006

SEAMLESS SQUARE ADJUSTABLE x2

Light Emission









Recessed Downlights

SEAMLESS ROUND ADJUSTABLE / ADJUSTABLE x2





Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢
PCR.008	SEAMLESS ROUND ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.72Kg	Ф 157mm	IP20
PCR.009	SEAMLESS ROUND ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.54Kg	158x258mm	IP20





Recessed Downlights

SEAMLESS CURVE ADJUSTABLE



Code	Model	Holder	Consumption	Voltage				IP 🕢	
PCR.010	SEAMLESS CURVE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0,68Kg	Ф 157mm	IP20	00





Plaster Lighting
Recessed Downlights

# INVISIBLE SQUARE ADJUSTABLE



Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢	\$
PCR.011	INVISIBLE SQUARE ADJUSTABLE	AR111	50W	12VAC	Not included	2.14Kg	252x252mm	IP20	00

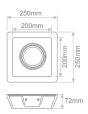
\*Suitable for plasterboard 9mm-15mm



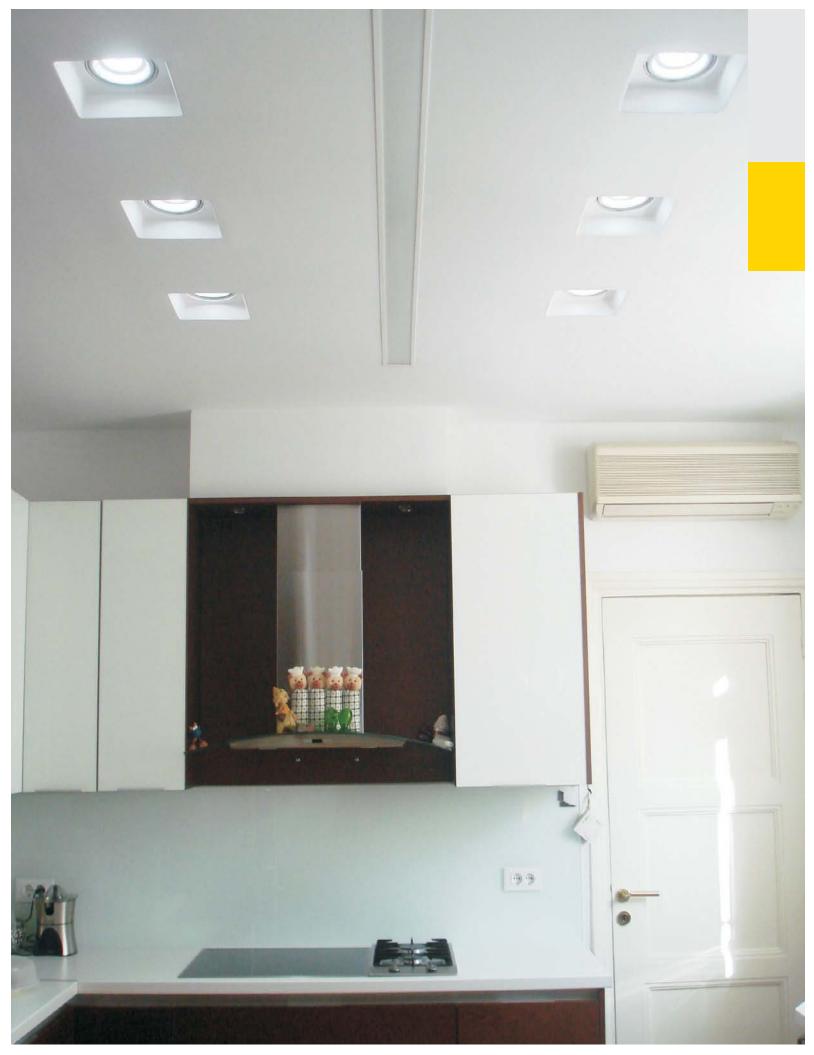
INVISIBLE SQUARE ADJUSTABLE













Recessed Downlights

INVISIBLE SQUARE / ROUND

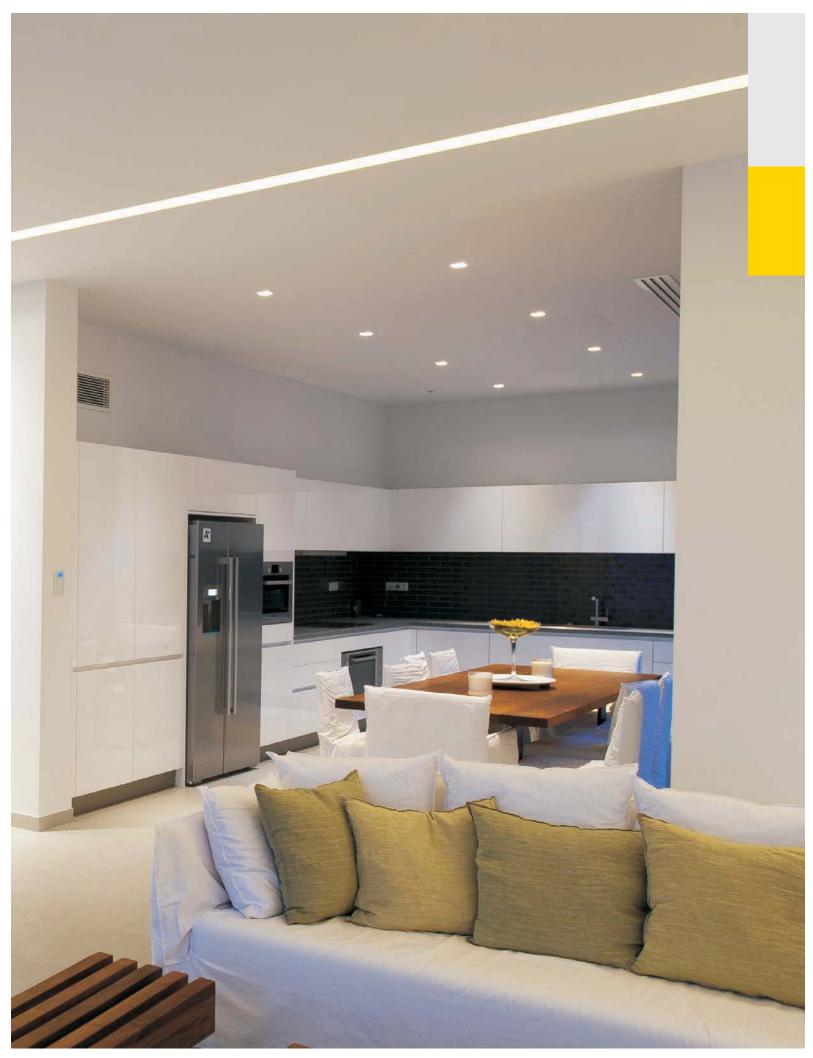




Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢	
PCR.015	INVISIBLE SQUARE	AR111	50W	12VAC	Not included	1.53Kg	202x202mm	IP20	
PCR.016	INVISIBLE ROUND	AR111	50W	12VAC	Not included	0.97Kg	Ф 202mm	IP20	
*Suitable for plasterboard 9mm-15mm									









Recessed Downlights

INVISIBLE ROUND ADJUSTABLE / ADJUSTABLE x2



#### PCR.012

INVISIBLE ROUND ADJUSTABLE
Light Emission



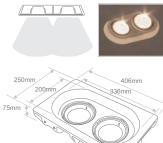


Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP		
PCR.012	INVISIBLE ROUND ADJUSTABLE	AR111	50W	12VAC	Not included	2.06Kg	Φ 252mm	IP20		
PCR.013	INVISIBLE ROUND ADJUSTABLE x2	2xAR111	2x50W	12VAC	Not included	3.74Kg	252x408mm	IP20		
	*Suitable for plasterboard 9mm-15mm									

#### PCR.013

INVISIBLE ROUND ADJUSTABLE x2

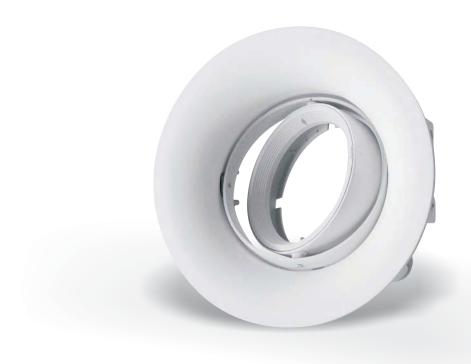
Light Emission





Recessed Downlights

INVISIBLE CURVE ADJUSTABLE



Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢	
									6
PCR.014	INVISIBLE CURVE ADJUSTABLE	AR111	50W	12VAC	Not included	1.22Kg	Ф 222mm	IP20	





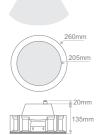
Recessed Downlights

EXENS / SPACE-O / SPACE-Z





#### PCR.019 SPACE-O Light Emission



Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🔕
PCR.018 PCR.019	EXENS SPACE-O	2xE27 2xE27	2x40W 2x40W	220-240VAC 220-240VAC	Not included	2.87Kg 4.82Kg	Ф 332mm Ф 262mm	IP20 IP20
PCR.020	SPACE-Z	2xE27	2x40W	220-240VAC	Not included	2.5Kg	242x242mm	IP20





Recessed Downlights

ART-R



Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP
PCR.017	ART-R	E27	40W	220-240VAC	Not included	2.3Kg	Ф 273mm	IP20
					*Suita	ble for pla	sterboard 9mr	m-15mm

PCR.017
ART-R
Light Emission

270mm





# TEIDE XXL

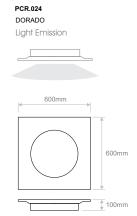




Code	Model	Lamp Holder	Voltage				IP
PCR.021	TEIDE XXL	4xE27	220-240VAC	Not included	16.3Kg	Ф 1040mm	IP20
					*Suitable	e for plasterboard	d 9-15mm



# DORADO





Code	Model	LED Strip*			IP 🕢	
PCR.024	DORADO	Not included	7.18Kg	602x602mm	IP20	

\*WARM WHITE / NEUTRAL WHITE / COOL WHITE / RGB at 28.8W, 24VDC upon request \*\*Suitable for plasterboard 9-15mm





Pendant

DORIS / IRIS / METIS

PCP.001 DORIS

Light Emission



Code	Model	Lamp Holder	Maximum Consumption	Voltage			IP 🕢	
PCP.001	DORIS	E27	40W	220-240VAC	Not included	3.1Kg	IP20	
PCP.002	IRIS	E27	40W	220-240VAC	Not included	3.4Kg	IP20	
PCP.003	METIS	E27	40W	220-240VAC	Not included	2Kg	IP20	



#### PCP.002 IRIS

ight Emission



# PCP.003 METIS Light Emission 4150mm





# **SHARP ROUND**

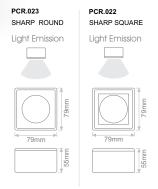
# SHARP SQUARE

## Plaster Lighting

Recessed Downlights

Code	Model	Lamp Holder	Maximum Consumption	Voltage				IP 🕢	
									(
PCR.023	SEAMLESS ROUND	Gx5.3	35W	12VAC	Not included	0.42Kg	80x80mm	IP20	
PCR.022	SEAMLESS SQUARE	Gx5.3	35W	12VAC	Not included	0.36Kg	80x80mm	IP20	

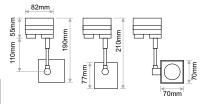
\*Suitable for plasterboard 9-15mm





Code	Model	Colour	Lamp Holder	Maximum Consumption	Dimensions	Weight	IP 🕢	N
ASI.061	RIO L Square	WHITE	GU10	50W	70x70x77mm	0.40kg	IP20	





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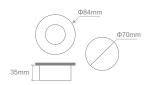
- Recessed non-movable spots
  Die-cast aluminium
  For MR16 lamps
  Outdoor use
  Ideal for lighting in bathrooms, spa, fitting rooms, etc.

Code	Colour	Glass	Lamp	Maximum Consumption		Ø Diameter	Туре	IP 🕢	Not includ
ALE.032	NICKEL BRUSH	Frosted	MR16	35W	70mm	84mm	Fixed	IP65	
ALE.033	WHITE	Frosted	MR16	35W	70mm	84mm	Fixed	IP65	
ALE.056	NICKEL BRUSH	Clear	MR16	35W	70mm	84mm	Fixed	IP65	
ALE.057	WHITE	Clear	MR16	35W	70mm	84mm	Fixed	IP65	

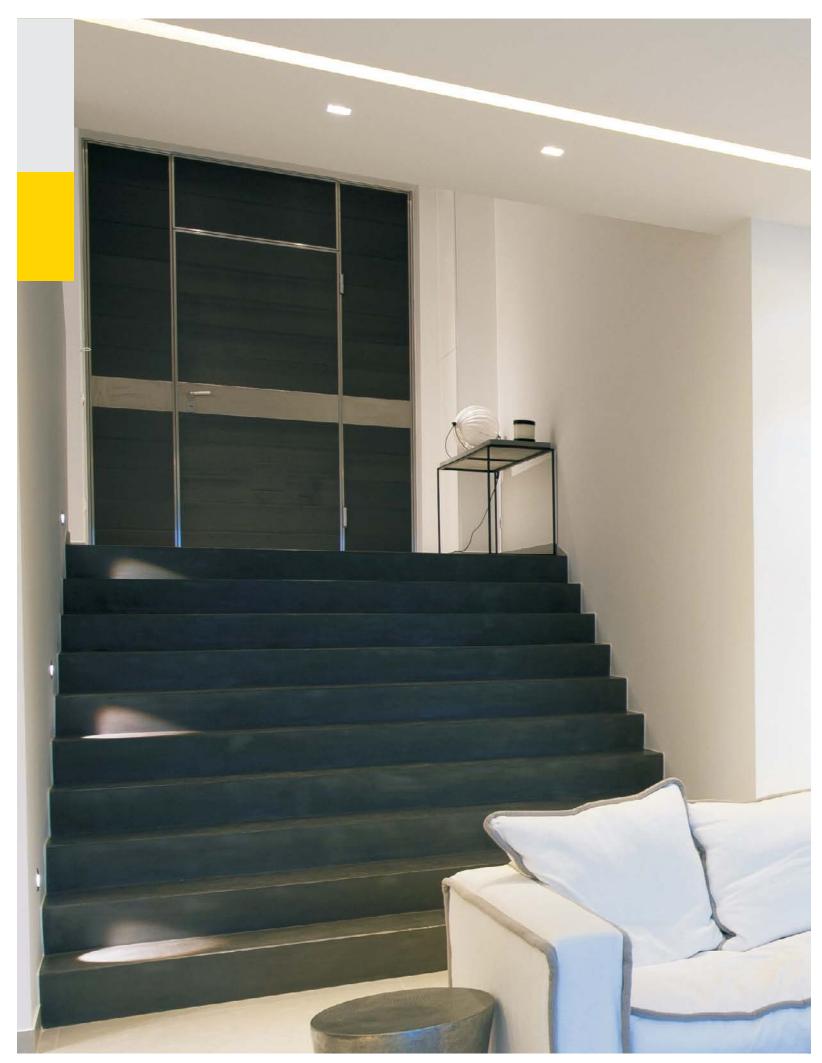
\*Available in square shape upon request



**IP**65











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