

DLP LED SYSTEM

Light paths for
safety &
comfort



CATALOGUE
PAGES
INSIDE

THE GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

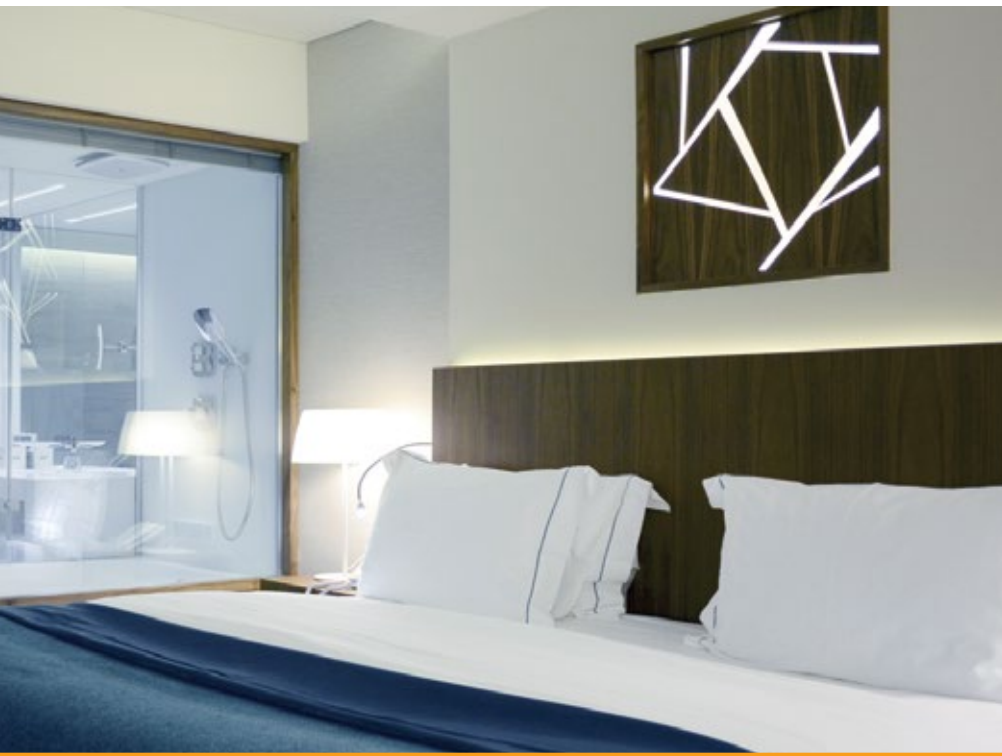
 **legrand**[®]

Follow the light and move around intuitively

Legrand is offering a new range of illuminated mini trunking and plinths, perfect for aged care and hospitality applications

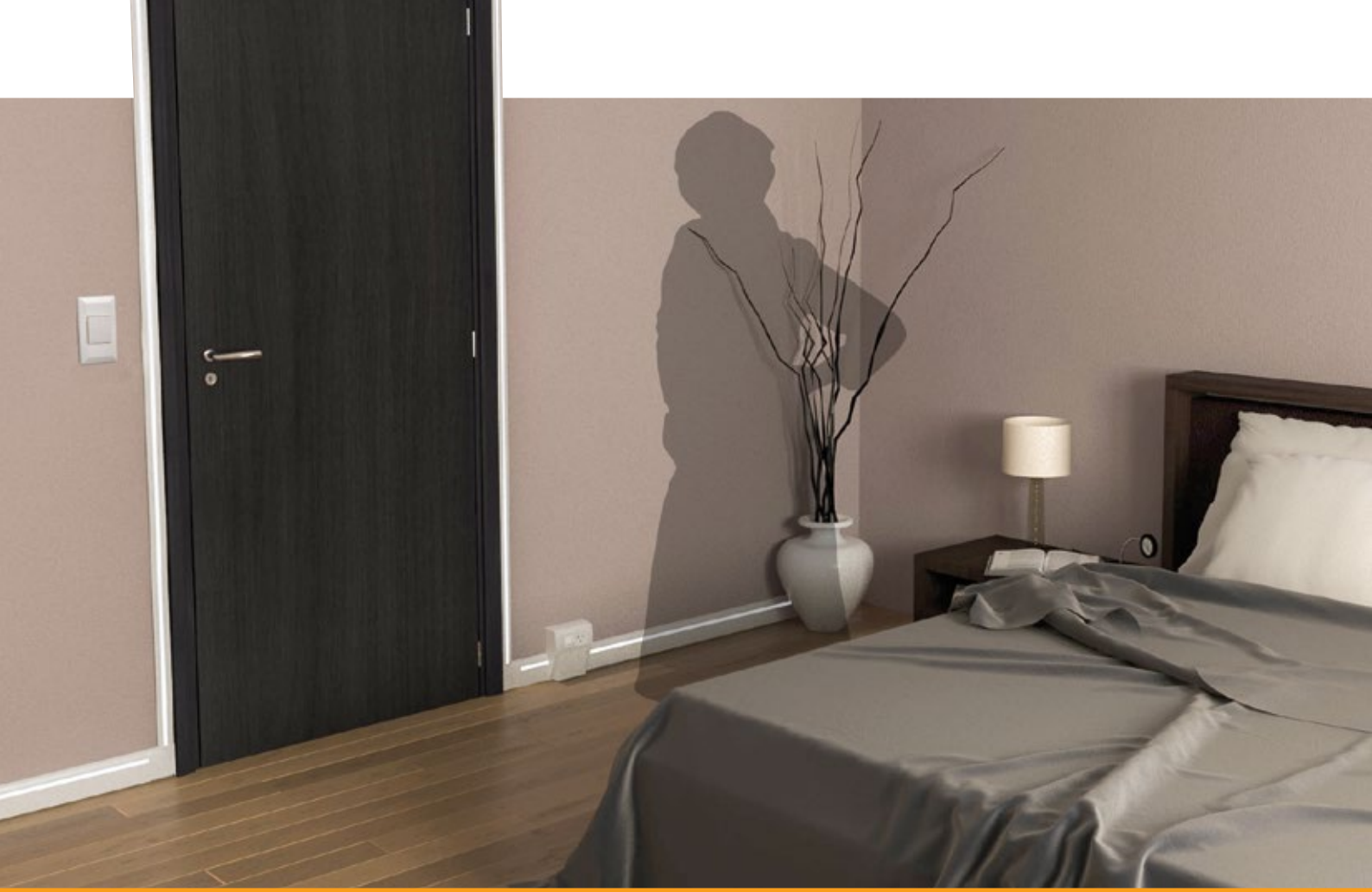


Legrand is committed to research on assistance with independent living. Working side by side with medical, social, economic and industrial organisations, Legrand has carried out research and development work on solutions and technologies to help elderly and/or disabled people who want to continue to live in their own homes for as long as possible.



The multifunction illuminated DLP range is used to route both high and low currents, bringing them as close as possible to users, and to guide people by the light in passageways.

The low consumption LED lighting enables the energy consumption to be controlled and provides an ideal response to the current energy efficiency concerns in the residential and hospitality industries.



Aged care application fall prevention light path

The illuminated DLP LED assists people who are losing their independence to continue living in their own homes. An illuminated pathway provides a significant reduction in the number of falls (in aged care homes or private houses of the elderly), and ensures real safety when moving around at night.



Arteor Motion sensor (Cat No. 572052) and auto-switch powerpoint (Cat No. AR787AMWE) installed in support frame (Cat No. 019078)



Door frame (Cat No. 019073)

40% of injury related death for people over 65 is falls.

50% of falls occur at home

40% of falls occur at night between the bedroom and the bathroom

MOVING AROUND SAFELY AT NIGHT

LED trunking allows night trips without switching on general lighting. When combined with movement sensors, the skirting lights up automatically as soon as movement is detected. This solution can also be used as passage lighting in hospitals to help nursing staff when they are working.

LED LIGHTING MODULE

The innovative feature of the range is the LED module which is integrated into the covers.

Available as standard white lighting, or with other colours on request, to enable users to personalise their lighting environments according to their requirements and the area. 3 lengths available: 0.5, 1 or 2 m.

REASSURING VISUAL REFERENCE POINTS

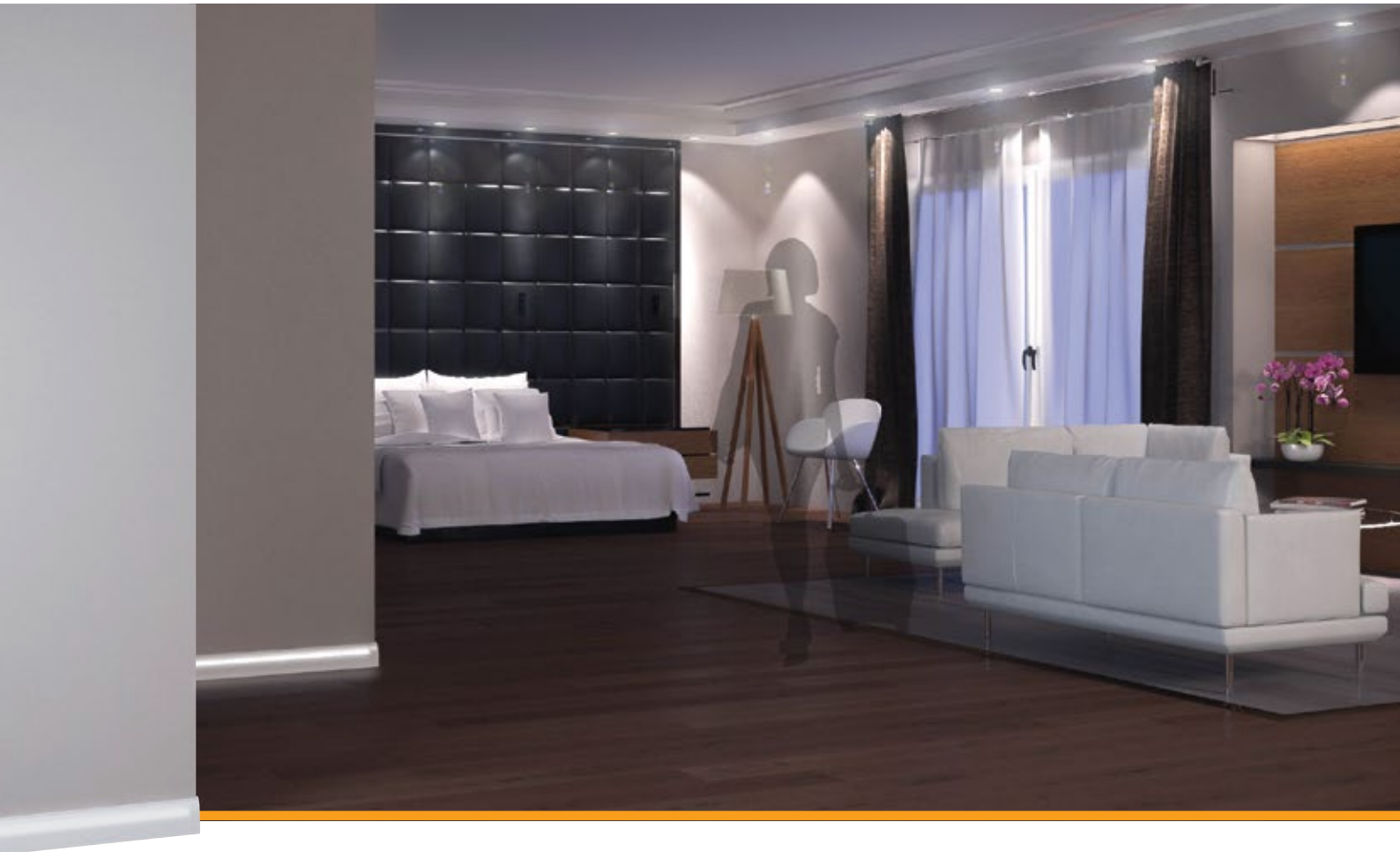
Provides a visual reference point, for example, outlining a door frame enables people to easily find their way in the dark, to locate an exit or a door into another room, without having to switch on the general lighting.

EYE FRIENDLY LIGHTING

The LEDs in the lighting module continuously diffuse a soft light, providing standby lighting < 5 lux. Excellent visual comfort is ensured with a continuous strip of soft light guiding people as they move around.

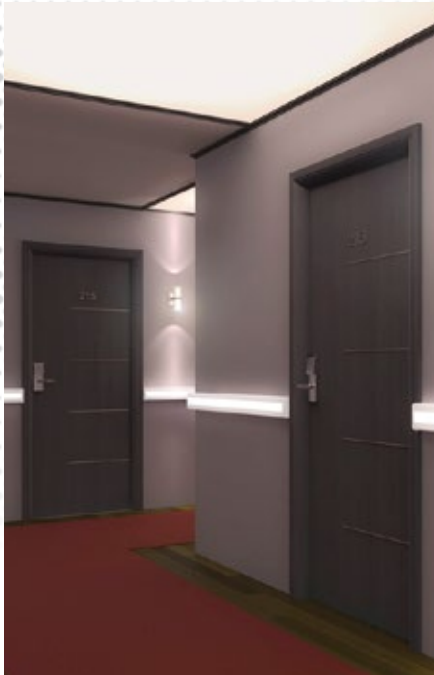
EASY TO INSTALL

The range combines simple surface mounting installation and easy connection with the fast connectors (prewired) located at the ends of the LED modules. The system is supplied using ECG (ballasts) that are fully integrated in the range on dedicated supports for surface or flush mounting or combined with the wiring accessories. There are several powers available (10, 35 and 60 W) depending on the length to be supplied (2, 6 or 10 m).



Hospitality application an attractive designer touch

Enhancing entrances, reception or exhibition areas with original lighting and designer solutions or guiding people intuitively by the light, the illuminated DLP LED range provides numerous benefits for public areas including hotels, restaurants and shops.



Trunking with white LED covers



Plinths with white LEDs (Cat No. 019082)

TRENDY, PERSONALISED LIGHTING ENVIRONMENTS

Beyond lighting, the system also enhances the aesthetics in various spaces: for example diffusing white light that will generate a subtle lighting on a point of sale.

GUARANTEED ENERGY EFFICIENCY

The very low consumption LEDs use very little energy and have a service life of more than 50,000 hours. Their high quality provides visual comfort for the user.

MOVE AROUND INTUITIVELY

With their integrated lighting, the plinths or mini trunking can guide users intuitively in passageways for easier access to hotel rooms on different floors.

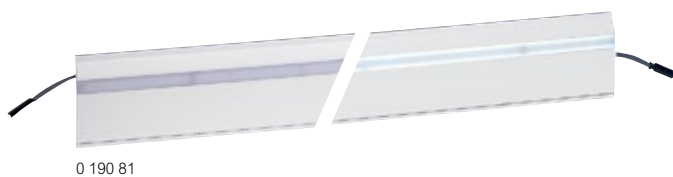
AN ATTRACTIVE, DESIGNER TOUCH

The simple, modern design of the profiles brings elegance and discretion to residential and commercial areas.

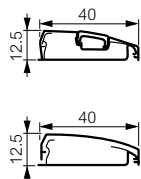
LED system mini trunking 40 x 12.5 profiles and finishing accessories



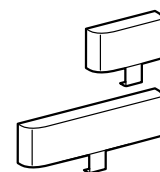
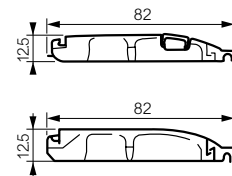
LED system plinth 82 x 12.5 profiles and finishing accessories



Pack	Cat. Nos	Mini trunking
		Mini trunking modules equipped with LED lights covers for contemporary mood lighting To be equipped with drivers Cat. No 019090/91/92 (see opposite) according to required power. Can take Arteor wiring accessories via support frame Cat. No 019078
		White colour LED modules
2	019070	Length 0.5m
2	019071	Length 1m
2	019072	Length 2m
1	019073	Door frame kit
		Mini trunking without LED
72 ¹	019003	Length 2.1m Supplied with cover
		Finishing accessories
10	019036	End cap
10	019016	Adjustable internal angle
10	019012	Adjustable external angle
10	019024	Flat angle B
10	019020	Flat angle A
10	019040	Cover joint
		Arteor support frame
1	019078	For LED system mini trunking and plinth 4 modules (for horizontal mounting only) To be used with 2 module Arteor sockets or movement sensors



Pack	Cat. Nos	Plinth
		Plinth modules equipped with LED lights covers for contemporary mood lighting To be equipped with drivers Cat. No 019090/91/92 (see opposite) according to required power Can take Arteor wiring accessories via support frame Cat. No 019078
		White colour LED modules
1	019080	Length 0.5m
1	019081	Length 1m
1	019082	Length 2m
		Plinth without LED
30 ¹	019006	Length 2.1m Supplied with cover and divider
		Finishing accessories
10	019049	End cap
5	019045	Adjustable internal angle
5	019043	Adjustable external angle
10	019053	Left-hand flat junction
10	019054	Right-hand flat junction
10	019051	Cover joint
5	019047	Junction to 30 x 12.5mm and 40 x 12.5mm mini trunking
		Fixing accessories for drivers
		For fixing drivers alongside LED system mini trunkings and plinths
		Surface mounting
		Supplied with two adaptors (for 40 x 12.5mm mini-trunking or 82 x 12.5mm plinth)
1	019093	For 10W driver Cat. No 019090
1	019094	For 35 and 60W drivers Cat. No 019091/92



LED system covers for snap-on DLP trunking and columns



0 190 90

Pack	Cat. Nos	Drivers for Mini trunking, plinths with LED modules
1	019090	10 W - for a maximum length of 2 m
1	019091	35 W - for a maximum length of 6 m
1	019092	60 W - for a maximum length of 10 m



	Links
1	019097 Length 0.3 m
1	019098 Length 3 m

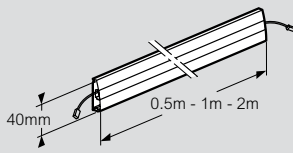
DLP LED system

mini trunking, plinth, LED covers and drivers

Wiring capacity

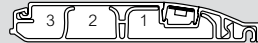
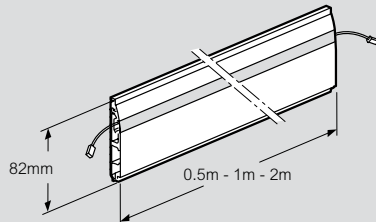
Mini trunking

Cat. Nos 019070/71/72



Plinth

Cat. Nos 019080/81/82

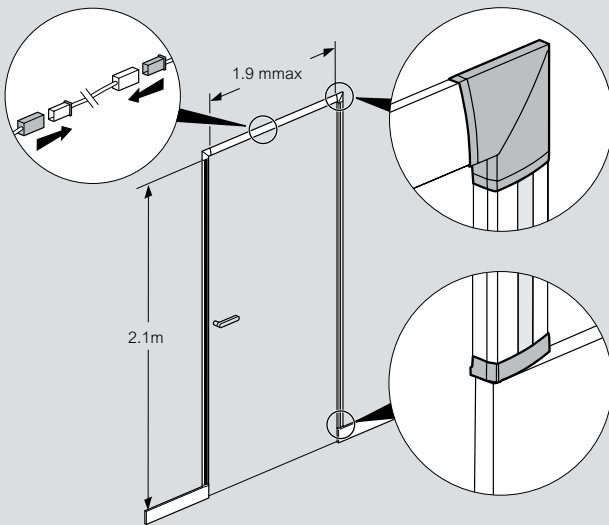


Compartment	Profile size	Cross section (mm ²)	Maximum wiring capacity (number of conductors)					
			1.5mm ²	2.5mm ²	4mm ²	6mm ²	UTP/FTP cat.6	Ø max
1	40 x 12.5	180	10 / 7 ⁽¹⁾	7 / 4 ⁽¹⁾	5 / 3 ⁽¹⁾	4 / 2 ⁽¹⁾	2	9.5 / 6 ⁽¹⁾
1	135	135	10 / 7 ⁽¹⁾	5 / 3 ⁽¹⁾	4 / 3 ⁽¹⁾	2 / 0 ⁽¹⁾	3	7.5 / 4 ⁽¹⁾
2	82 x 12.5	125	7	5	4	3	2	7
3	80	80	4	3	3	2	1	7

(1) With LED system cover

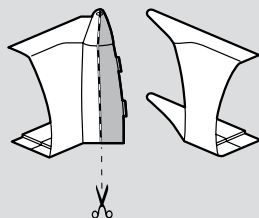
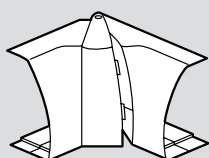
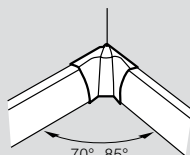
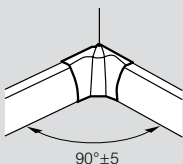
Door frame kit

Cat. Nos 019073



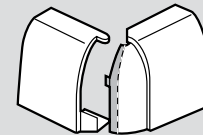
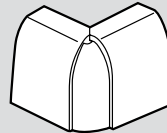
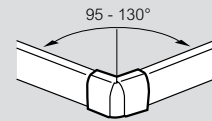
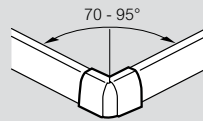
Finishing accessories

Adjustable internal angle Cat. Nos 0 190 16/45



Finishing accessories (continued)

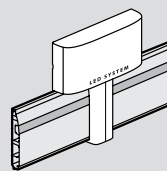
Adjustable external angle Cat. Nos 019012/43



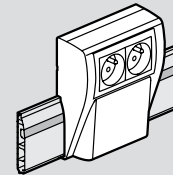
Note: the mini trunking or plinth covers must be 4 mm shorter than the bodies in order to enable clipping the angles

Installation principle for drivers

Cat. No 019090 - 10W / maximum length 2m

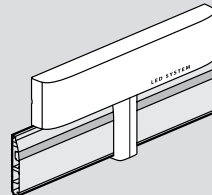


Surface mounting, alongside mini trunking and plinths, with fixing accessory Cat. No 019093



Surface mounting, alongside mini trunking and plinths, with Arteor support frame Cat. No 019078

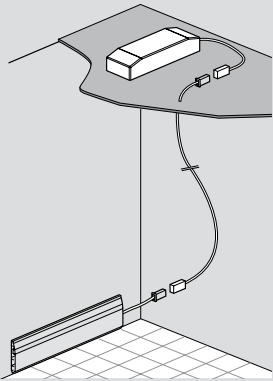
Cat. No 019091 - 35W / maximum length 6m



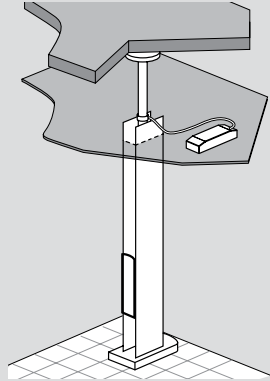
Surface mounting, alongside mini trunking and plinths, with fixing accessory Cat. No 019094

Installation principle for drivers (continued)

Cat. No 019092 - 60W / maximum length 10m



False ceiling installation and plinth

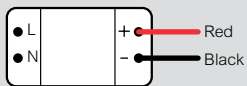


False ceiling installation and snap-on columns

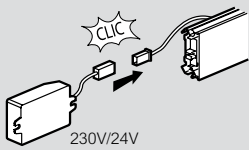
Wiring diagram

Cat. Nos 019090/91/92

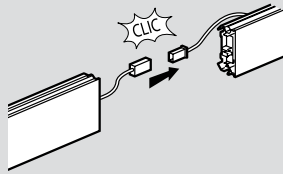
Input 220V Output 24V



Cat. Nos	Consumption (W)	Maximum length (m)
019090	10	2
019091	35	6
019092	60	10



Fast connector between drivers and LED system covers



Fast connector between two LED system covers



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