

13
20

Fylo

Innovative Light Lines



Trà ddel

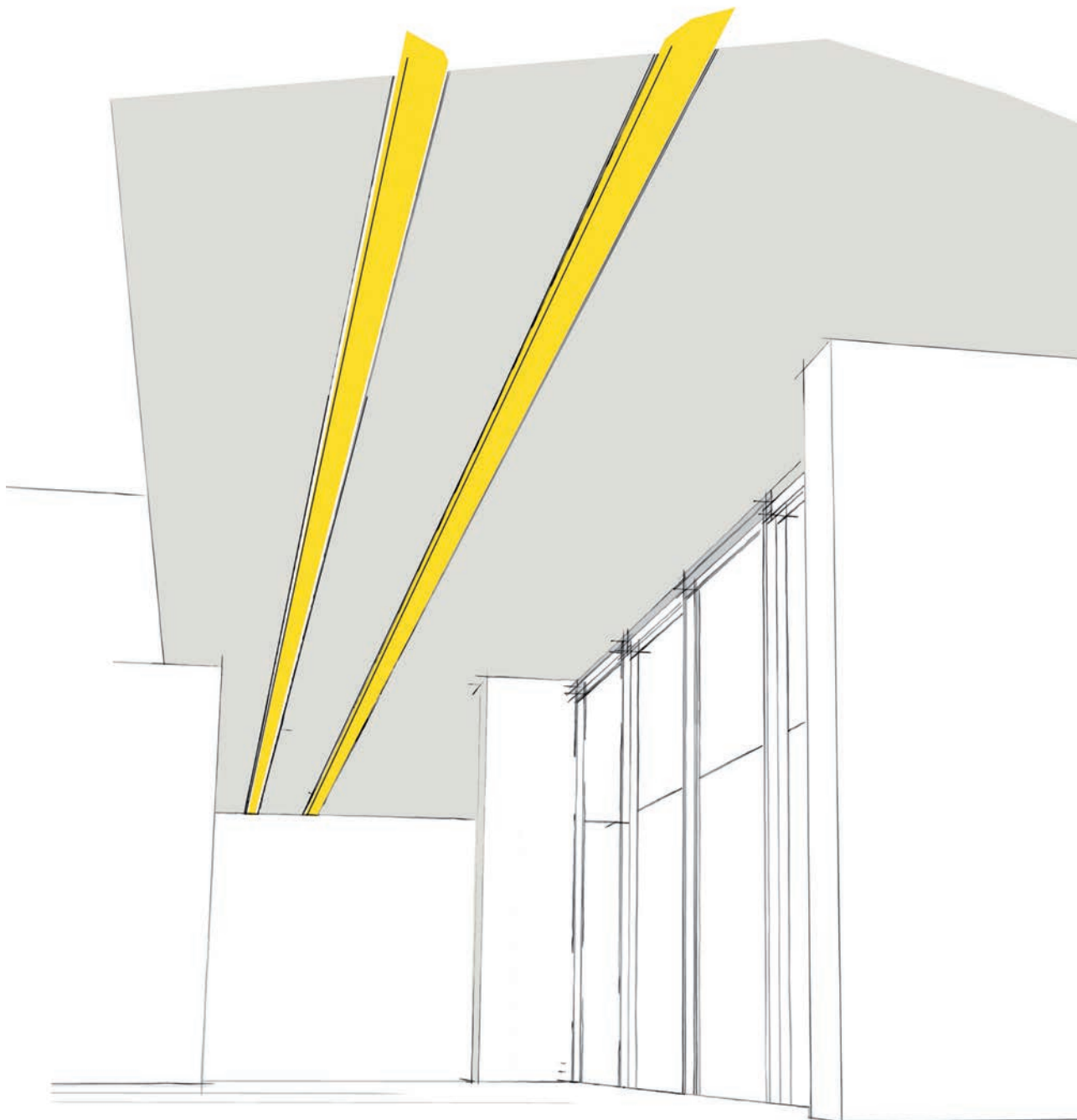
Creating
your
cove lights

Fylo

FYLO is an innovative lighting system designed for creating light architectures.

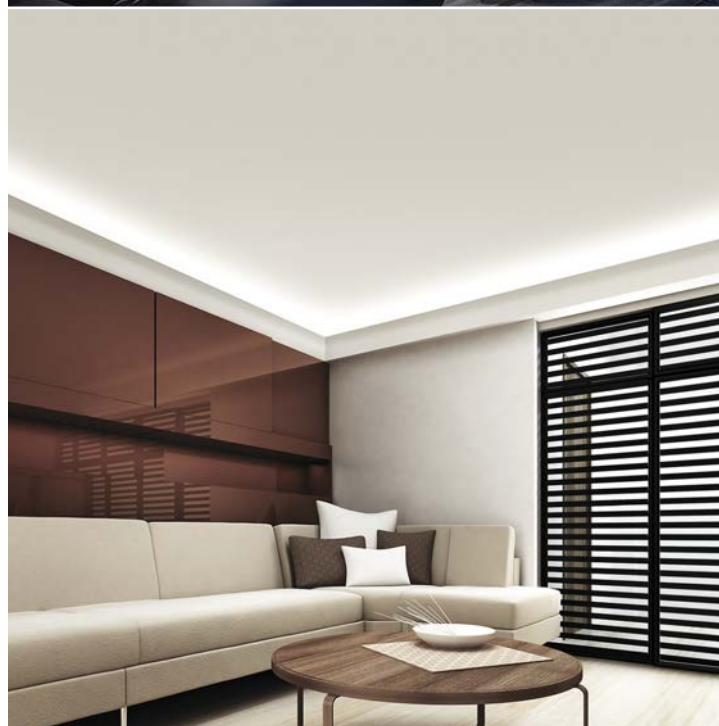
A brand new patented material coated with special resins allows for the creation of ultra-lightweight linear profiles. They feature specially designed seats to house cutting-edge LED circuits with quick connection.

This versatile system meets any design needs guaranteeing extraordinary light comfort for every application.



Fylo

Innovative Light Lines



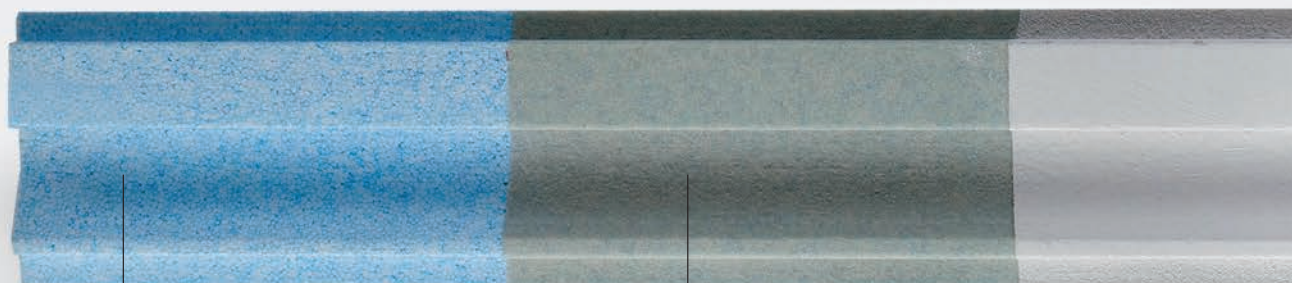
ARCHITECTURAL LIGHTING



Fylo INSIDE THE PRODUCT

EPS guarantees a weight ten times lower than standard plaster.
Its mechanical resistance is guaranteed by several layers of treatment and special varnishes.
The components feature a thermal resistance equal to over 80 °C and a standard length of 1 m which can be easily cut to measure in case of need.

The profiles can be fixed using polyurethane adhesives on double-layer plasterboard walls, both during wall installation or after wall completion without modifying its frame, on single-layer ceiling or on surfaces of any materials.
After filling, sanding and applying primer, the wall can be finished with any type of paint.



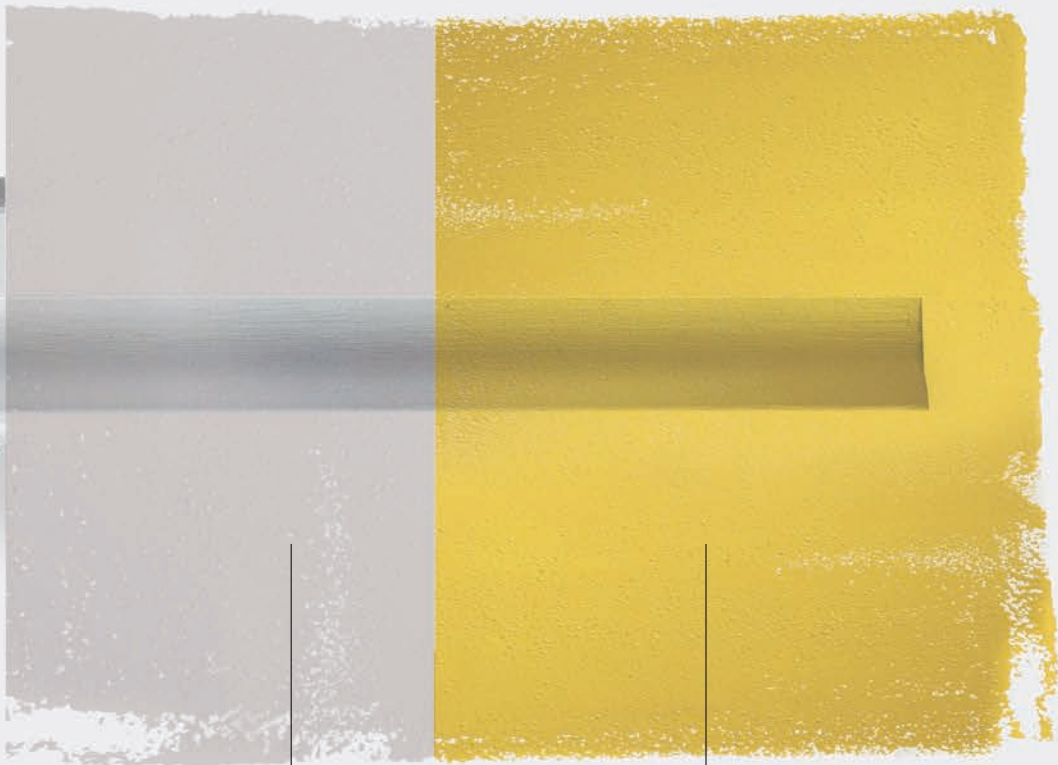
Raw structure

Resin with quartz powder
to guarantee top mechanical resistance
and crushproofness over time.

Fylo
-90%
PESO / WEIGHT



gypsum



Resin made from mixed building material applied in several coats to obtain an even surface with a sufficient thickness to allow sanding necessary to the final painting.

Primer applied as on plasterboard

Final painting

Fylo RANGE INDEX

The wide proposed range includes several types of profiles designed to satisfy different application needs.

FYLO PROFILES, CUSTOMISED ACCORDING TO THE CLIENT'S DRAWING, ARE AVAILABLE UPON REQUEST IF THE PROFILES PROPOSED DO NOT MEET THE PROJECT REQUIREMENTS.

PAG 08

SEMI-RECESSED MOUNTING



PAG 10

RECESSED MOUNTING ON WALLS OR CEILINGS



PAG 12

RECESSED MOUNTING ON CEILINGS



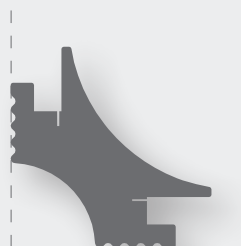
PAG 14

WALL AND CEILING MOUNTING



PAG 16

CORNER MOUNTING

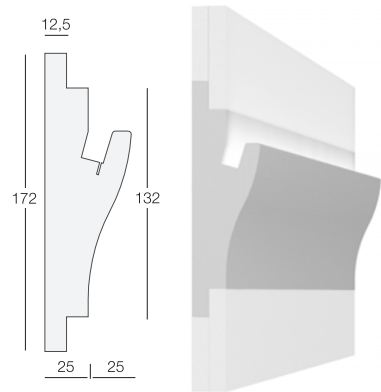


SEMI-RECESSED MOUNTING

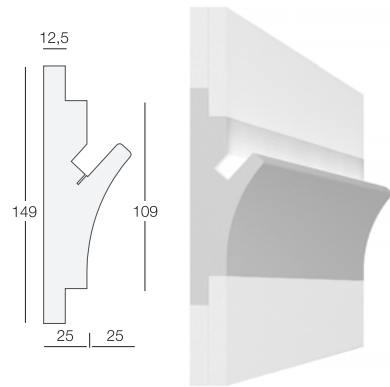
The profile silhouette allows it to be mounted recessed on 12.5mm-thick double-layer plasterboard partitions to create light effects that enhance the perception of the space.



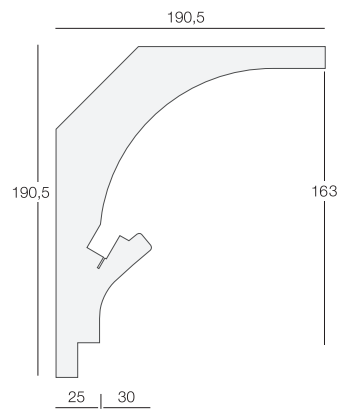
Cod. 62730



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62790-1	1	1,38	0,017	1000 mm
62790-3	3	3,06	0,033	1000 mm
62790-5	5	4,85	0,048	1000 mm



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62740-1	1	1,24	0,015	1000 mm
62740-3	3	2,55	0,033	1000 mm
62740-5	5	4	0,048	1000 mm



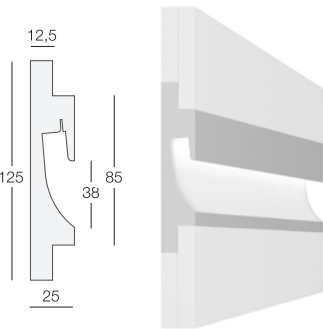
CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62730-1	1	1,95	0,048	1000 mm
62730-2	2	3,25	0,048	1000 mm

EXAMPLE OF ORDER:
2 m = 2 cod. 62740-1 / 4 m = 1 cod. 62740-1 + 1 cod. 62740-3

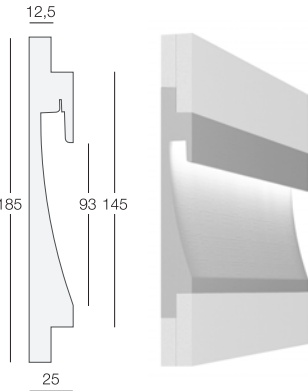


RECESSED MOUNTING ON WALLS OR CEILINGS

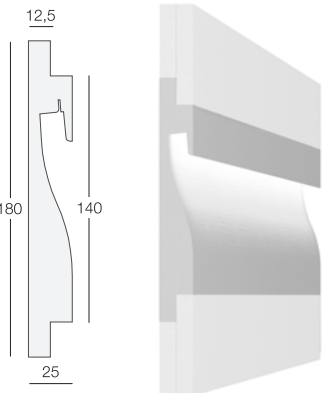
Profiles specially designed to be mounted recessed on 12.5mm-thick double-layer plasterboard partitions and false ceilings. The light charm enhances architectural elements and spaces.



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62710-1	1	0,97	0,015	1000 mm
62710-3	3	1,77	0,015	1000 mm
62710-5	5	2,54	0,033	1000 mm



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62700-1	1	1,1	0,017	1000 mm
62700-3	3	2,19	0,033	1000 mm
62700-5	5	3,04	0,033	1000 mm



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62720-1	1	1,14	0,017	1000 mm
62720-3	3	2,34	0,033	1000 mm
62720-5	5	3,54	0,033	1000 mm



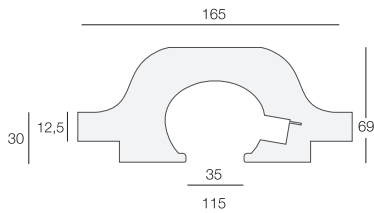
Cod. 62700

EXAMPLE OF ORDER:
2 m = 2 cod. 62700-1 / 4 m = 1 cod. 62700-1 + 1 cod. 62700-3

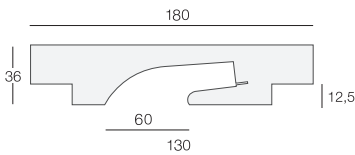


RECESSED MOUNTING ON CEILINGS

Designed to be mounted recessed on 12.5mm-thick plasterboard false ceilings, these profiles are perfect to highlight the features of every type of environment through symmetric or asymmetric light beams.



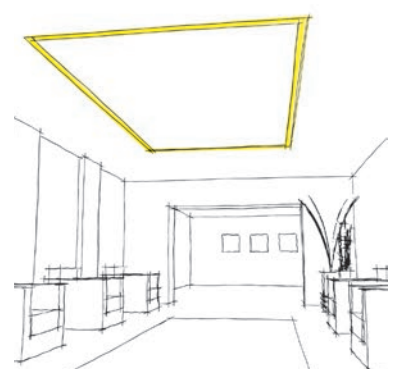
CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62810-1	1	1,51	0,017	1000 mm
62810-3	3	3,56	0,048	1000 mm



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62800-1	1	1,29	0,017	1000 mm
62800-3	3	2,79	0,017	1000 mm
62800-5	5	4,4	0,048	1000 mm



EXAMPLE OF ORDER:
2 m = 2 cod. 62810-1 / 4 m = 1 cod. 62810-1 + 1 cod. 62810-3

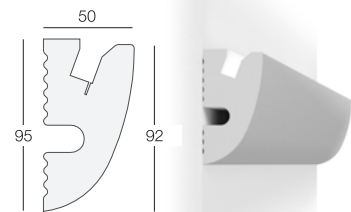


WALL OR CEILING MOUNTING

Designed to be mounted on plasterboard walls and ceilings, on masonry or on any other material, these profiles enhance the role of lighting in the interior design sector, a combination of aesthetics and functionality.



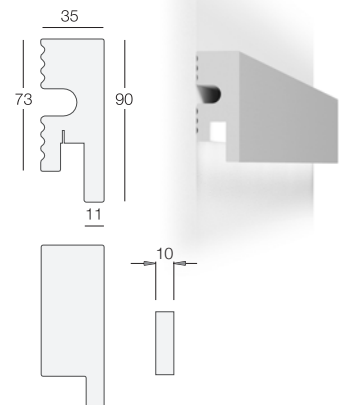
Cod. 62750



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62820-1	1	1,15	0,015	1000 mm
62820-3	3	2,28	0,033	1000 mm
62820-5	5	3,04	0,033	1000 mm

END CAPS

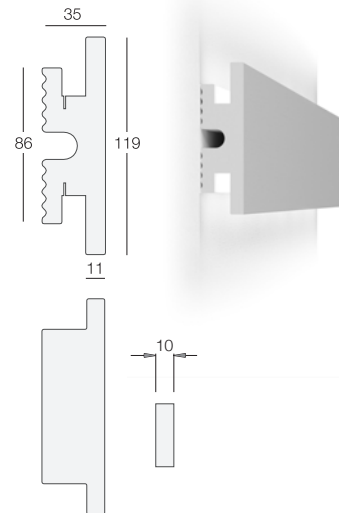
CODE	QUANTITY
62990-2	2



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62780-1	1	1,02	0,015	1000 mm
62780-3	3	1,92	0,015	1000 mm
62780-5	5	2,79	0,033	1000 mm

END CAPS

CODE	QUANTITY
62980-2	2



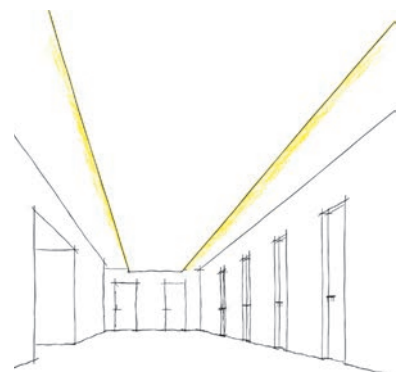
CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62750-1	1	1,19	0,015	1000 mm
62750-3	3	2,4	0,033	1000 mm
62750-5	5	3,64	0,033	1000 mm

END CAPS

CODE	QUANTITY
62970-2	2

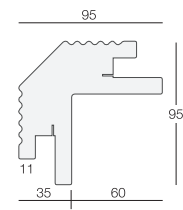
EXAMPLE OF ORDER:

2 m = 2 cod. 62750-1 / 4 m = 1 cod. 62750-1 + 1 cod. 62750-3

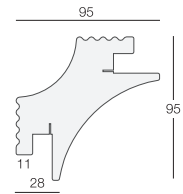
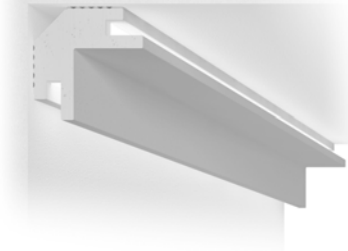


CORNER MOUNTING

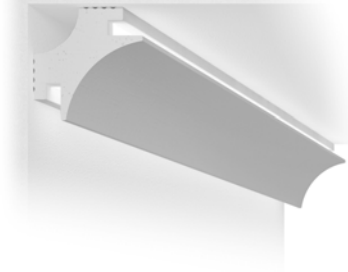
These profiles are designed to enhance plasterboard or masonry wall and ceiling corners by turning them into decorative elements through mood lighting.



CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62760-1	1	1,35	0,015	1000 mm
62760-3	3	2,88	0,033	1000 mm
62760-5	5	4,55	0,048	1000 mm



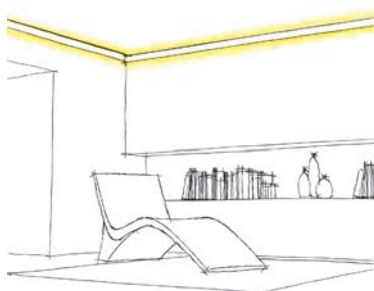
CODE	QUANTITY	WEIGHT	VOLUME	DIMENSION
62770-1	1	1,3	0,015	1000 mm
62770-3	3	2,73	0,033	1000 mm
62770-5	5	4,3	0,048	1000 mm



Cod. 62760



EXAMPLE OF ORDER:
2 m = 2 cod. 62770-1 / 4 m = 1 cod. 62770-1 + 1 cod. 62770-3



Fylo INSTALLATION SYSTEM

WALL MOUNTING SCHEME



Apply adhesive on the surface to be glued.



Place article on wall.



Fix article using screws.



Apply adhesive also on article head if two profiles are to be glued together.



Plaster along joint between the two profiles.



Plaster over screws.



Sand.



Paint.

SCHEME FOR RECESSED MOUNTING ON CEILINGS



Make hole.



Apply adhesive on the surface to be glued.



Insert article in false ceiling hole.



Fix article onto false ceiling using screws.



Place the other profiles.



Apply plaster in three layers.



Sand.



Paint.

SCHEME FOR RECESSED MOUNTING
ON DOUBLE-LAYER WALLS /
CEILINGS TO BE INSTALLED



Apply adhesive on the surface to be glued after making the hole.



Place article on metal structure.



Fix article on metal structure using screws.



Fix second panel.



Apply plaster in three layers.



After applying second layer, lay mesh tape.



Sand.



Paint.

SCHEME FOR RECESSED MOUNTING ON
DOUBLE-LAYER WALLS ALREADY INSTALLED



Use a cutter to remove any excess after making the hole.



Apply adhesive on the metal structure.



Fix article on metal structure using screws.



Use a hacksaw to cut article to measure.



Apply plaster in three layers.



After applying second layer, lay mesh tape.



Sand.



Paint.

Fylo LED-LIGHT

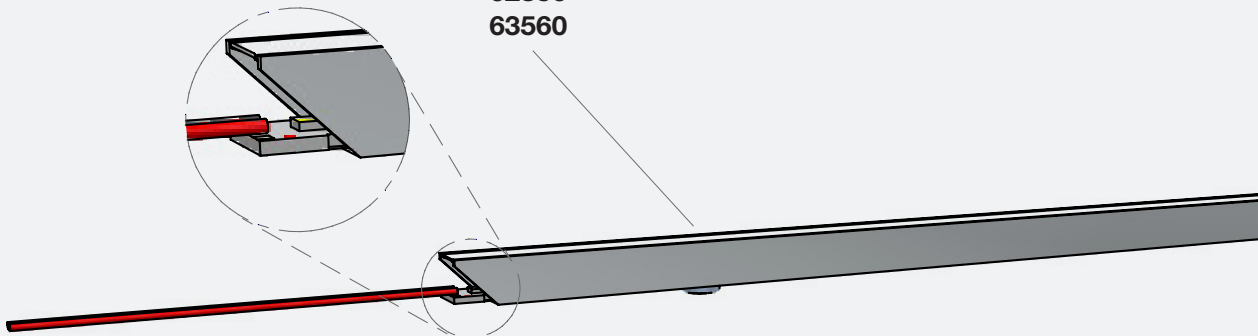
LED sources on rigid circuit housed in dissipating extruded aluminium and fitted with a protective diffuser made of polycarbonate.

Quick connection system between lighting elements on EPS profiles through magnetic contact. Elements with 500 mm standard length can be cut every 100 mm.



MASTER

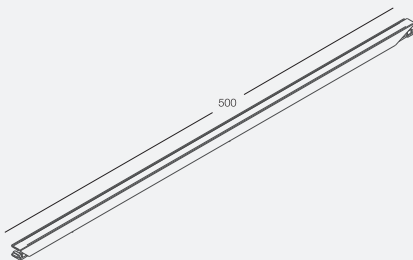
- 62830
- 62850
- 63560



24 V electrified profiles with
2 power levels

Initial electric components
(MASTER) fitted with power
supply cables.

Following electric components
(SLAVE) fitted with socket/
plug push-fit connectors.



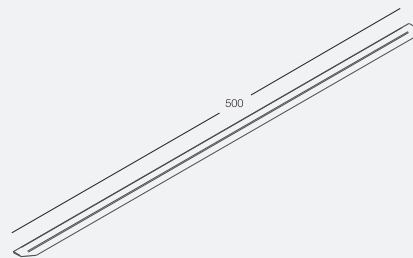
Profiles with electrical components and opalin diffuser

CODE	VERSION	POWER	K	WEIGHT	VOLUME
62830	Master	6,2 W	3000	0,12 Kg	0,001
62850	Master	3,4 W	3000	0,12 Kg	0,001
62840	Slave	6,2 W	3000	0,12 Kg	0,001
62860	Slave	3,4 W	3000	0,12 Kg	0,001

Profiles with electrical components and transparent diffuser

CODE	VERSION	POWER	K	WEIGHT	VOLUME
63560	Master	6,2 W	3000	0,12 Kg	0,001
63570	Slave	6,2 W	3000	0,12 Kg	0,001

Max CONTINUOUS length recommended = 5 m for 6.2 W electric elements
Max CONTINUOUS length recommended = 7 m for 3.4 W electric elements

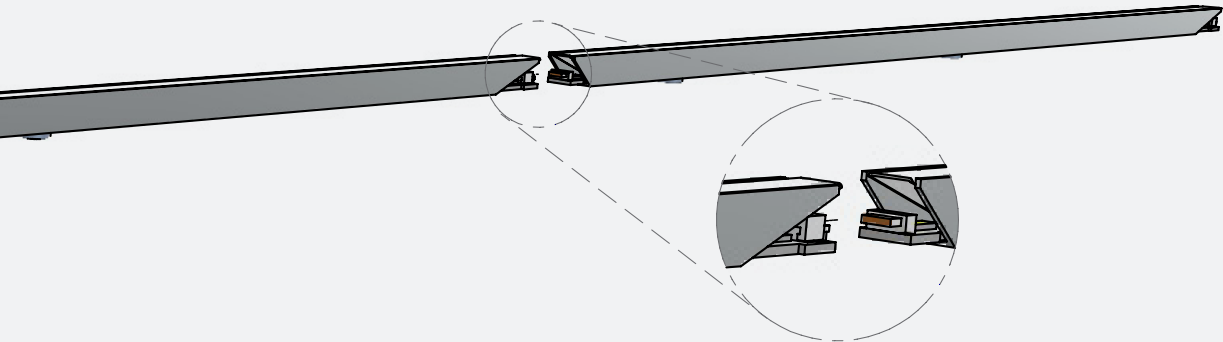


Accessories

CODE	VERSION
63580	Opaline diffuser
63590	Transparent diffuser

SLAVE
62840
62860
63570

Quick connection between
lighting elements by means
of push-fit connectors.
Elements are easy to replace.



Fylo LED-LIGHT



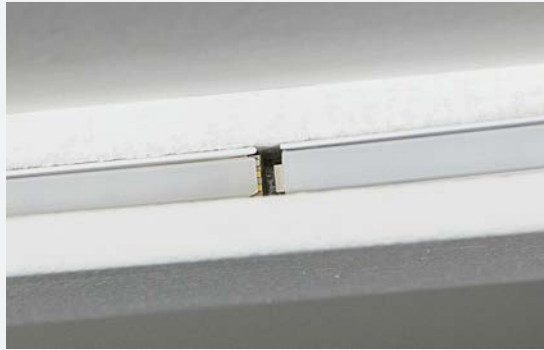
Put plug connector closer to socket connector.



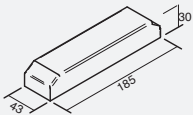
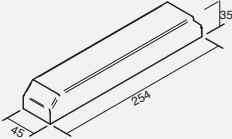
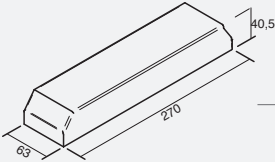
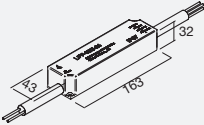
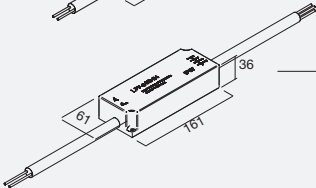
Insert plug connector into socket connector.



Close electric contact by means of safety hook.



CONSTANT VOLTAGE DRIVER

	CODE	OUTPUT VOLTAGE	POWER	WEIGHT	VOLUME	DIMMER
	62870	24 V	35 W	0,37 Kg	0,003	–
Max. no. of 3.4 W electric components = 9 pcs. Max. no. of 6.2 W electric components = 5 pcs.						
	62880	24 V	60 W	0,6 Kg	0,003	–
Max. no. of 3.4 W electric components = 16 pcs. Max. no. of 6.2 W electric components = 9 pcs.						
	62890	24 V	150 W	0,9 Kg	0,003	–
Max. no. of 3.4 W electric components = 41 pcs. Max. no. of 6.2 W electric components = 22 pcs.						
	99072	24 V	60 W	0,44 Kg	0,001	1-10V
	99073	24 V	90 W	0,7 Kg	0,001	1-10V

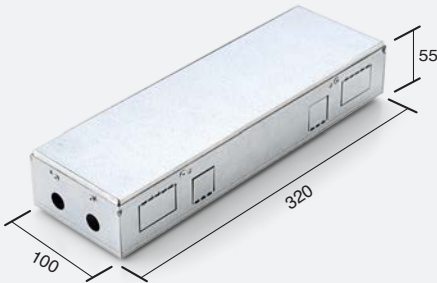
The power supply cable section must have adequate size for 24 V circuits considering the power required and the distance between LED and driver.

MAXIMUM DISTANCE BETWEEN SOURCE AND DRIVER

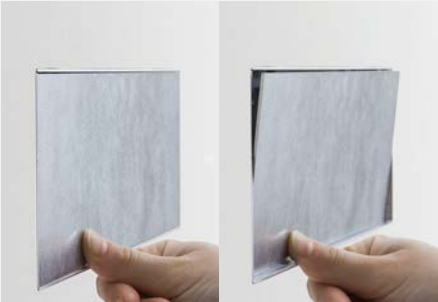
EXAMPLES OF POWER CONSUMED PER EACH PART OF CIRCUIT	WIRE SECTION			
	0,75 m²	1 m²	1,5 m²	2 m²
25 W	35 m	48 m	75 m	103 m
50 W	14 m	21 m	35 m	49 m
65 W	11 m	16 m	27 m	38 m

OUTER CASING FOR PLASTERBOARD OR BRICK

The outer casing can be installed on both plasterboard and brick walls using the relevant flaps. The closure system based on magnets makes the door invisible and, at the same time, easy to remove to facilitate wiring and inspection. The outer casing allows the drivers to be located close to the FYLO products minimising the issue of the power supply cable size.



CODE
62900



1. Choose your FYLO

The FYLO system order consists of 4 phases to guarantee maximum use flexibility.

- a. Eps profile purchase order
- b. LED bar purchase order
- c. Driver purchase order
- d. Outer casing purchase order (optional)

2. Profile order

- a. Choose the profile type and indicate the code calculating the number of pieces per package.
- b. Round up the quantity to be ordered if the profile dimension is not exactly a multiple of a metre.
The end piece must be cut to measure during installation using a simple hacksaw.

3. LED bar order

- a. Order a MASTER LED bar (the first to be connected to the driver) and a number of SLAVE LED bars (connected in sequence) equal to the length of the profile to be lighted rounded up to the higher 500 mm.
- b. If the total length is lower than a multiple of 500 mm, the LED bar can be cut by multiples of 100 mm by placing the hacksaw on the point indicated in the figure



otherwise the bar will not work properly.

EXAMPLE OF ORDER

Layout with a length of 270 mm with 6.2 W FYLO article code 62700:

1. **EPS PROFILE ORDER**
 - n. 1 code 62700-3 (3 pcs)
 - N.B: the end piece must be cut by 300cm
2. **LED BAR ORDER**
 - n. 1 code 62830 (MASTER)
 - n. 5 code 62840 (SLAVE)
 - N.B: the end piece must be cut by 300mm
3. **DRIVER ORDER**
 - n. 1 code 62880

Concept / Art Direction :
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Ufficio marketing Linea Light Group
Lokomotiv srl

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Corrado Covre
Rendering:
Lokomotiv srl

Pre Press:
Ufficio marketing Linea Light Group
Print:
Papergraf
finito di stampare:
Maggio 2013

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