PROLINE 80

IP20 | 220-240V 50/60 Hz | | ≤3 MAC ADAM | CE

Linear luminaire made of extruded aluminum profile. High luminous efficacy optics with selection of diffusors. Direct or direct/indirect lighting type. Top quality SMD LED modules with colour consistency MacAdams ≤ 3, extensive portfolio of lumen ranges, CCTs and spectra. Variety of drivers: standard EVG on/off, DALI and wireless controlled as MasterConnect or Casambi on request. Built-in or remote, wireless occupancy & daylight sensor available to allow significant energy savings and wireless connectivity. Mounting type: surface mounted, wall mounted, suspended, trimless recessed (custom made ceiling brackets on request). Standard colour RAL 9003S, any other colour from basic RAL range available at no extra cost. Variety of diffusors, lumen outputs and drivers allows to use this luminaire in different types of lighting projects. Wide selection of standard lengths: single linear luminaires (type S) or system luminaires (type SE/M) and system connectors (L,T,X type). Many lengths of lighting lines, square and rectangular shapes can be created by using our system pieces. End caps for single (S type) profiles included. All accessories such as end caps, linear connectors, quick connectors, suspension wires or power cables for system profiles (SE/M type) or TR mounting brackets (for TR version) should be ordered separately. Bespoke lengths and shapes of lighting lines available on request.

Luminous flux & Luminaire Power tolerance up to 10%. System power consumption depends on components used. Luminous efficacy depends on type of LED's, electronics, optics and diffusor. The most up to date technical parameters can be found on our website and in database of LDT files.

Lighting direction:
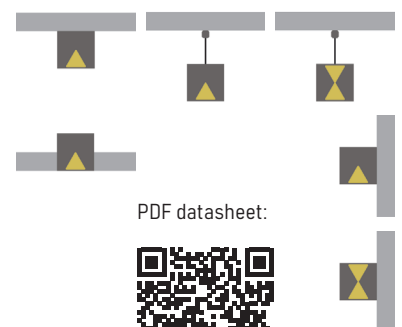
PDF datasheet:

PROLINE 80

Mounting:	Surface mounted, suspended, wall mounted, trimless recessed
Body material:	Aluminium profile
Colour:	Standard white RAL 9003M, other RAL colours on request
Lumen output:	Standard up to 4000 lm/meter, any other on request
LED module:	Signify (Philips), Tridonic or equivalent SMD LED modules
Colour temperature:	3000/4000K/2700-6500K TW other on request
Colour Rendering:	CRI>80 in standard, other on request
Driver:	EVG on-off/DALI/TW DT8/MC (MasterConnect)/Casambi, other on request
Wireless controll:	Philips MasterConnect / Casambi, other on request
Daylight/Occupancy sensor:	Built-in XC sensor or wireless MCS sensor
Emergency unit:	On request
Operating temperature range:	0°C ... +35°C
IP Class:	IP20 in standard
Power:	220-240V 50/60Hz
Lighting direction:	Direct, direct / indirect lighting
Light distribution:	Symmetric
Diffusor:	OP white acrylic / MP19H microprismatic UGR<19
Optics:	White reflector
Beam angle:	All types available in our LDT file database
Warranty:	5 Years standard warranty

PROLINE 80 S DN single profile, ceiling mounted or suspended, light down, OP or MP19H diffusor
PROLINE 80 S UP_DN single profile, suspended, light up & down, OP or MP19H diffusor
PROLINE 80 SE DN system profile START/END type, ceiling mounted or suspended, light down, OP or MP19H diffusor
PROLINE 80 SE UP_DN system profile START/END type, suspended, light up & down, OP or MP19H diffusor
PROLINE 80 M DN system profile MIDDLE type, ceiling mounted or suspended, light down, OP or MP19H diffusor
PROLINE 80 M UP_DN system profile MIDDLE type, suspended, light up & down, OP or MP19H diffusor
PROLINE 80 L / T / X DN system profile L/T/X type, ceiling mounted or suspended, light down, OP or MP19H diffusor
PROLINE 80 L / T / X UP_DN system profile L/T/X type, suspended, light up & down, OP or MP19H diffusor
PROLINE 80 S DN WL single profile, wall mounted, light down, OP or MP19H diffusor
PROLINE 80 S UP_DN WL single profile, wall mounted, light up & down, OP or MP19H diffusor
PROLINE 80 TR S DN single profile, trimless recessed, light down, OP or MP19H diffusor

All current index numbers, lumen outputs, power consumption and many other technical information are available in our 2024 pricelist.
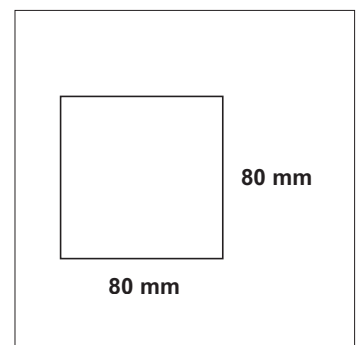
XCS wireless switch	MCS wireless daylight&occ sensor	XC daylight&occ sensor	**80 mm** / **80 mm** Basic dimensions

PROLINE 80

OP white acrylic diffusor

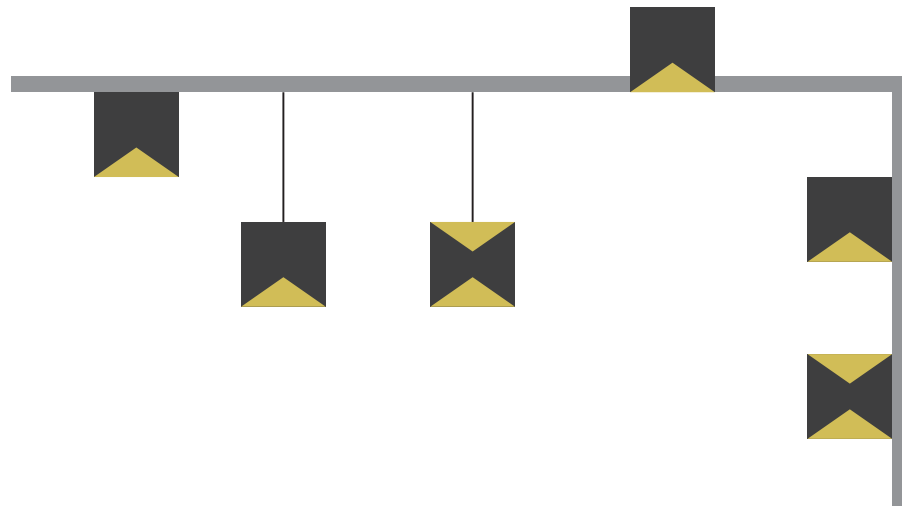MP19H microprismatic diffusor

Trimless mounting available for all types

TR REC BOX 60 trimless mounting system

All PROLINE type luminaires can be made to measure as single lighting lines or lighting systems in different sizes and shapes. Please contact our sales team for details.
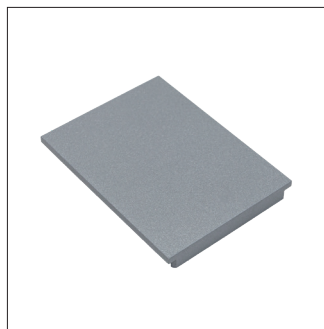
Mounting types:

IMPERIAL reserves rights to introduce any construction or technical changes in the products.
Wattage of products may vary due to constant LED efficacy improvements.

PROLINE 80

Accessories:

Suspension for PROLINE 80 – 1,5 m long steel wire (1 piece)
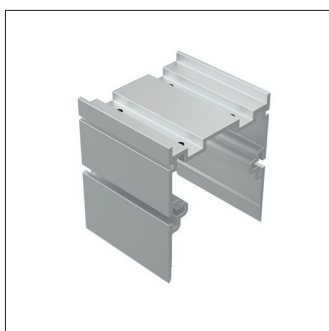

3 or 5 core transparent power feed, 1,5 m including ceiling base
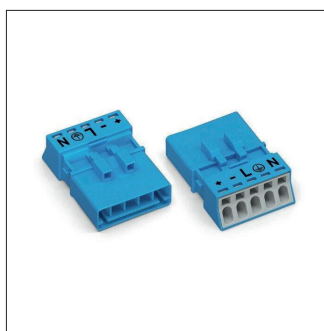

End cap for PROLINE 80 (1 piece)

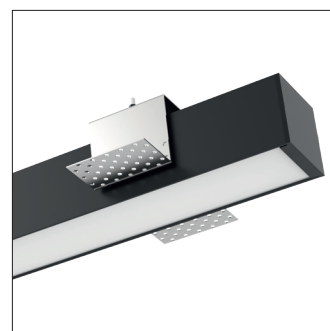**TR REC BOX 80 – steel box for plasterboard ceiling trimless mounting**

Linear connector for PROLINE 80

3 pole quick connectors (Male + Female)

**5 pole quick connectors (Male + Female)**
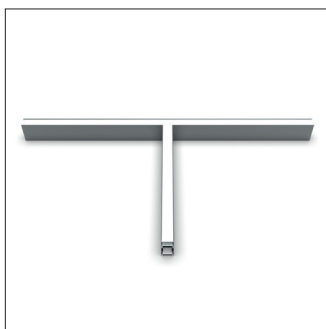

TR (trimless) mounting bracket

All accessories for system profiles and couplers (Type SE / M / L / T / X) such as end caps, linear connectors, quick connectors, suspension wires or power cables should be ordered separately.

Accessories for single profiles (Type S) such as suspension wires or power cables should be ordered separately. End caps for single profiles are included in product's index numbers.
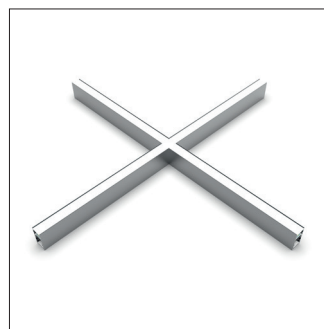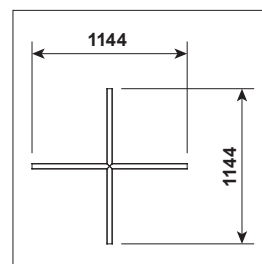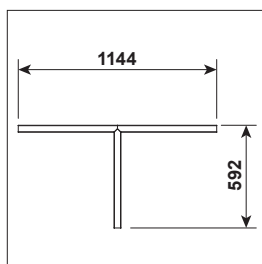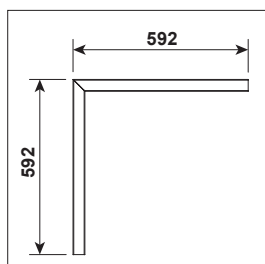
Couplers:
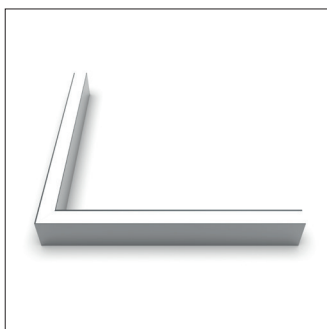
PROLINE 80 system coupler type L DN or UP_DN

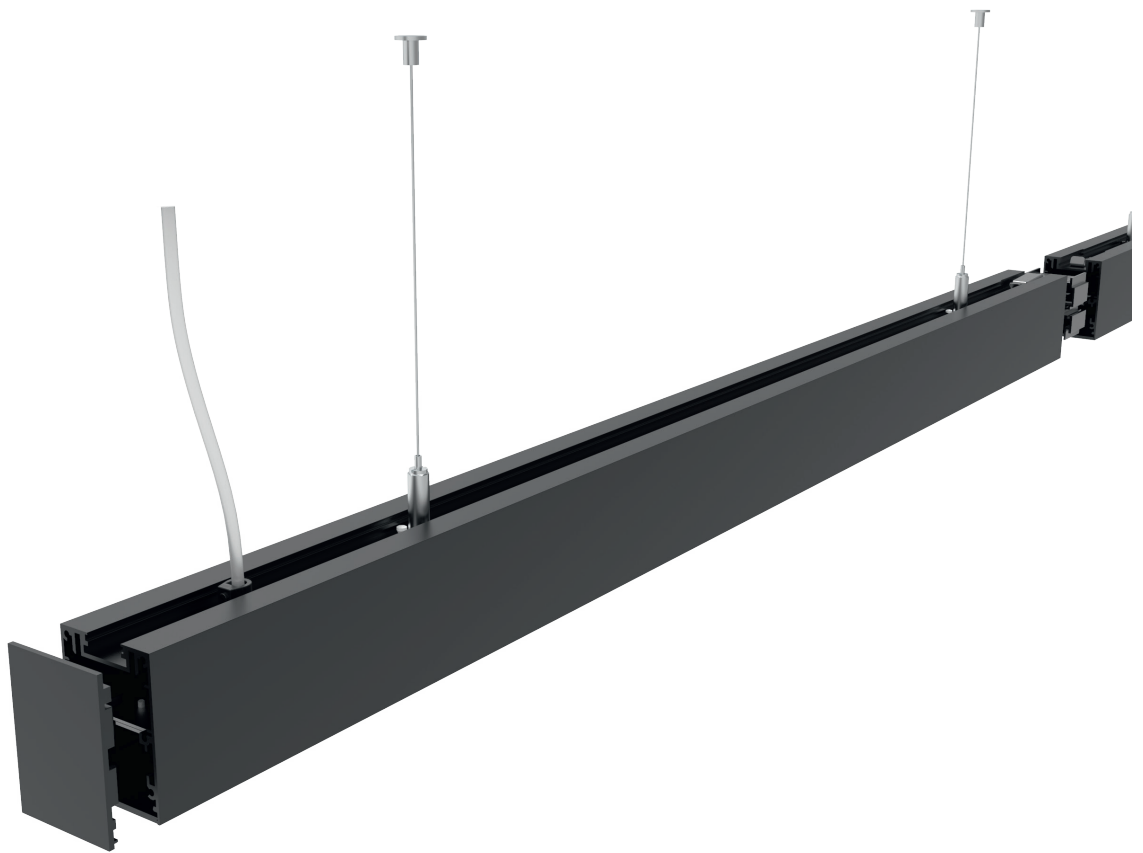
PROLINE 80 system coupler type T DN or UP_DN

PROLINE 80 system coupler type X DN or UP_DN

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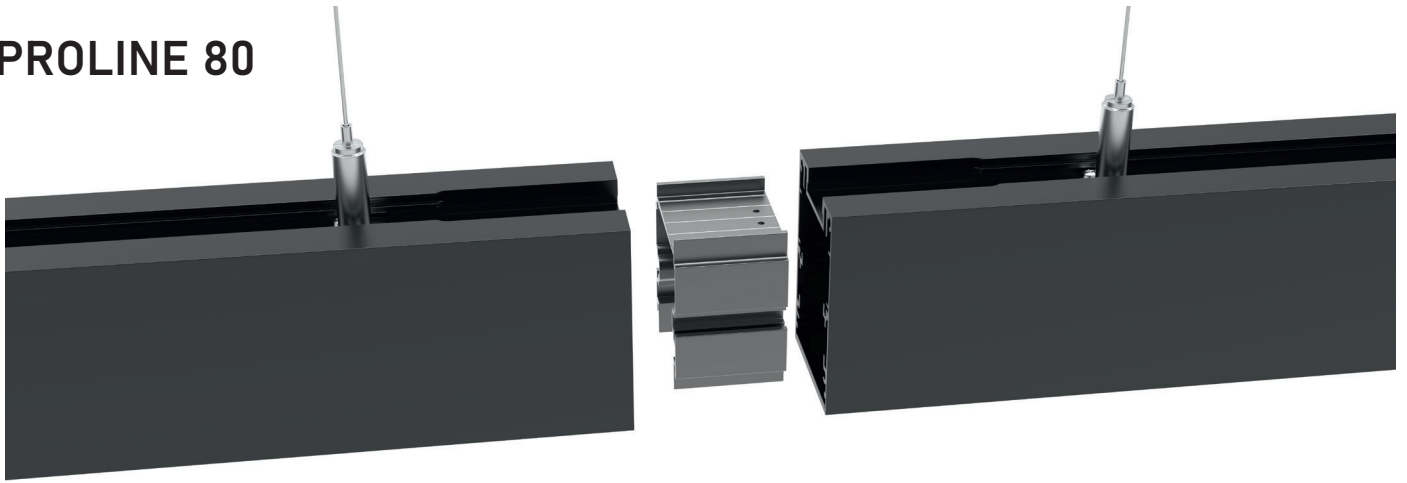592

1144
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PROLINE 80

Technical information:

OP – White acrylic diffusor with over 85% of light transmission to provide high class lighting efficacy.

MP19H – UGR<19 diffusor solution with extra layer of white acrylic film that provide comfortable lighting from any angle.

XC – Built-in daylight&occupancy sensor available with all types of profile luminaires.

MCS – Wireless daylight&occupancy sensor available with all types of profile luminaires.

XCS – Wireless power switch with dimming and scene setup option.

TR – Trimless mounting bracket for plasterboard ceiling type – can be custom made depending on ceiling type used.

TR REC BOX – Trimless mounting box for plasterboard ceiling type – can be custom made depending on ceiling type used.

MC control

Energy saving MasterConnect wireless lighting control system with daylight and movement detection technology on request.

Zigbee   Bluetooh

PROLINE 80

Profile types:

Single profile versions:

TYPE S DN single profile,light down

MOUNTING OPTIONS:
light down, surface mounted
light down, suspended
light down, wall mounted
light down, trimless recessed

TYPE S UP_DN single profile light up/down

MOUNTING OPTIONS:
light up & down, suspended
light up & down, wall mounted

System profile versions:

TYPE SE DN system profile, start/end section,light down

MOUNTING OPTIONS:
light down, surface mounted
light down, suspended
light down, trimless recessed

TYPE SE UP_DN system profile, start/end section,light up & down

MOUNTING OPTIONS:
light up & down, suspended

TYPE M DN system profile, middle section,light down

MOUNTING OPTIONS:
light down, surface mounted
light down, suspended
light down, trimless recessed

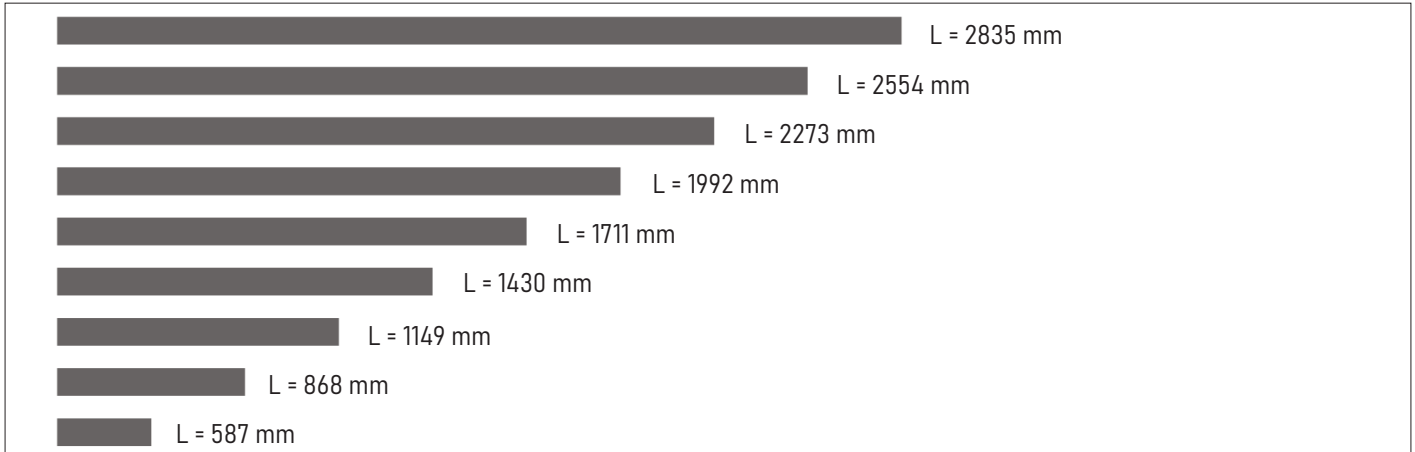**TYPE M UP_DN** system profile, middle section,light up & down
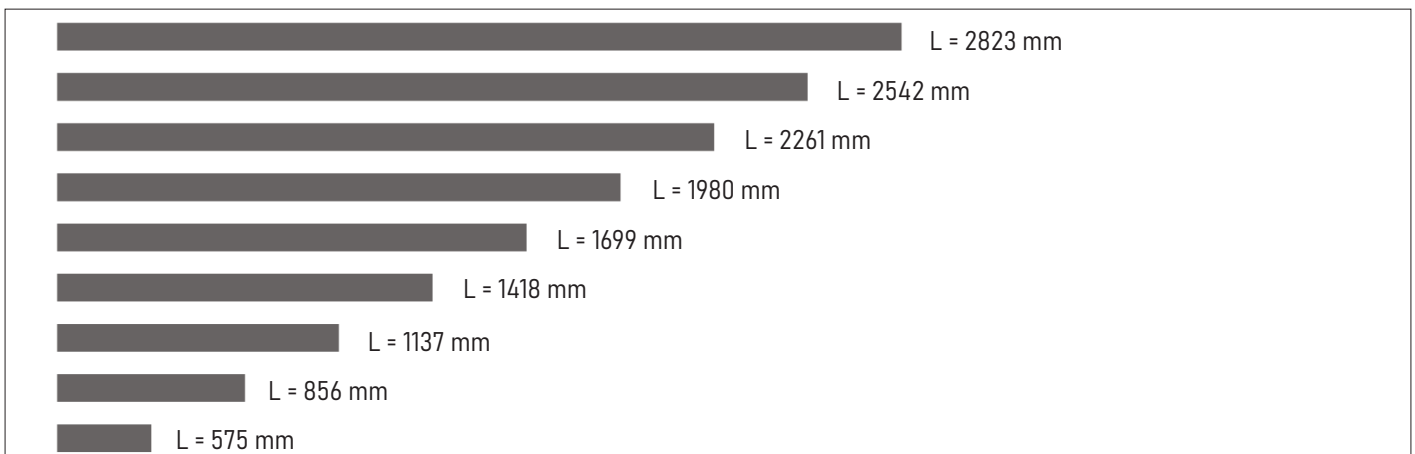
MOUNTING OPTIONS:
light up & down, suspended

PROLINE 80

Single profile, standard lengths including end caps TYPE S DN and TYPE S UP_DN:

L = 2835 mm
L = 2554 mm
L = 2273 mm
L = 1992 mm
L = 1711 mm
L = 1430 mm
L = 1149 mm
L = 868 mm
L = 587 mm

System profile, start/end section lengths including one end cap TYPE SE DN and TYPE SE UP_DN:

L = 2823 mm
L = 2542 mm
L = 2261 mm
L = 1980 mm
L = 1699 mm
L = 1418 mm
L = 1137 mm
L = 856 mm
L = 575 mm

System profile, middle section lengths TYPE M DN and TYPE M UP_DN:

L = 2810 mm
L = 2529 mm
L = 2248 mm
L = 1967 mm
L = 1686 mm
L = 1405 mm
L = 1124 mm
L = 843 mm
L = 562 mm

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profile luminaires & systems
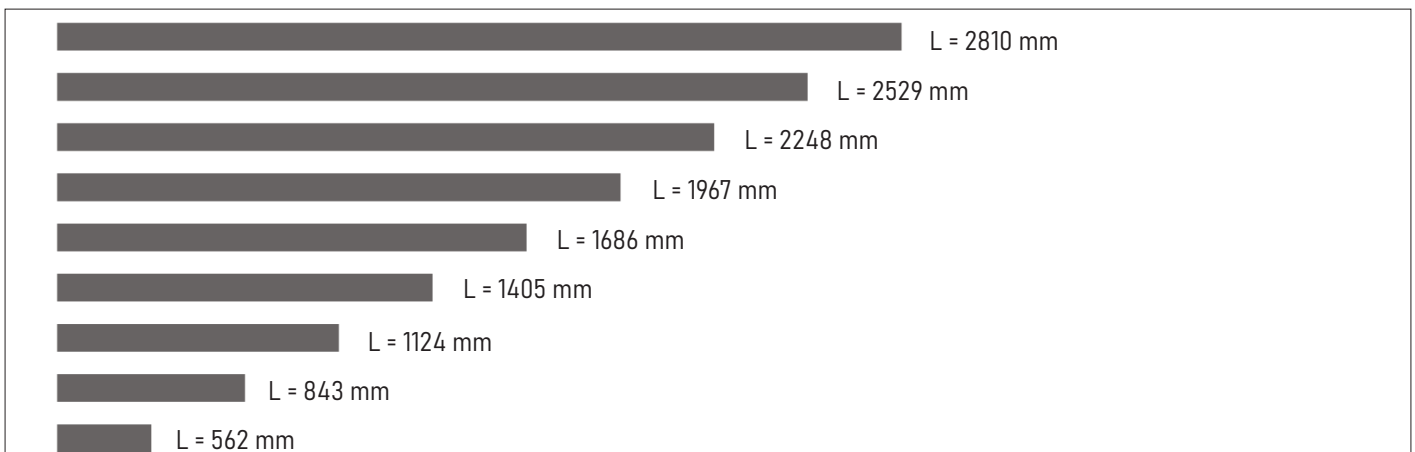
PROLINE 80

DESCRIPTION OF PROLINE CONCEPT:

- PROLINE S DN - single luminaires with light down (can't be connected into lighting systems)
- PROLINE S UP/DN - single luminaires with light up/down (can't be connected into lighting systems)
- PROLINE SE DN - system luminaire with light down (must be used at the beginning and at the end of each linear lighting system)
- PROLINE SE UP/DN - system luminaire with light up/down (must be used at the beginning and at the end of each linear lighting system)
- PROLINE M DN - system luminaire with light down (middle section to be used in between SE type profiles). Any length of lighting system can be created by using different lengths and numbers of M-type profiles between two SE-type profiles.
- PROLINE M UP/DN - system luminaire with light up/down (middle section to be used in between SE type profiles). Any length of lighting system can be created by using different lengths and numbers of M-type profiles between two SE-type profiles.

PROLINE S

PROLINE SE   PROLINE SE

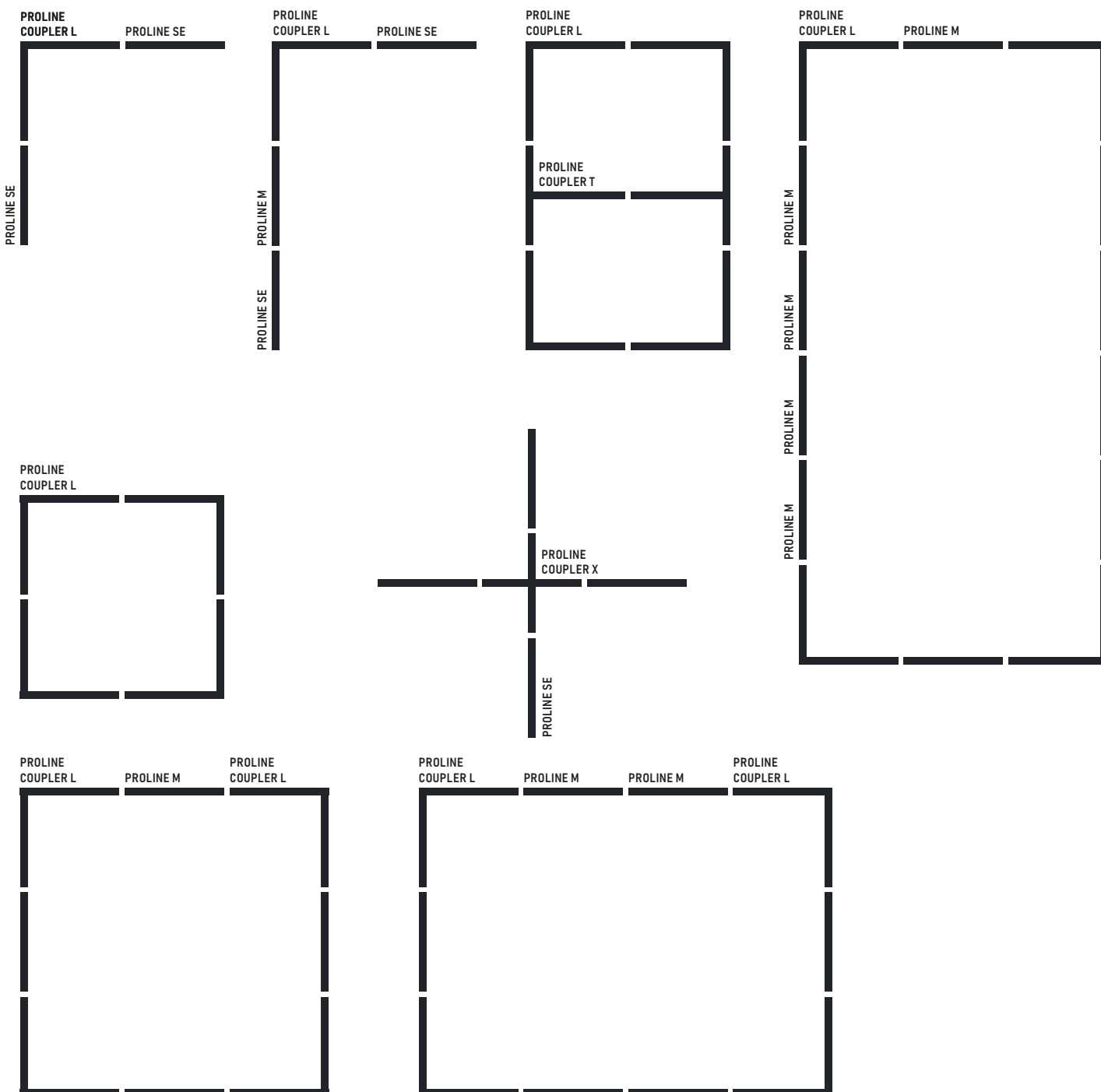PROLINE SE   PROLINE M   PROLINE SE

PROLINE SE   PROLINE M   PROLINE M   PROLINE M   PROLINE SE

PROLINE COUPLER L / PROLINE SE / PROLINE SE

PROLINE COUPLER L / PROLINE SE / PROLINE M

PROLINE COUPLER L / PROLINE COUPLER T

PROLINE COUPLER L / PROLINE M

PROLINE COUPLER L

PROLINE COUPLER X / PROLINE SE

PROLINE COUPLER L / PROLINE M / PROLINE COUPLER L

PROLINE COUPLER L / PROLINE M / PROLINE M / PROLINE COUPLER L

profile luminaires & systems

PROLINE 80

PROLINE CONCEPT – HOW TO BUILD LIGHTING SYSTEMS:

· Always start your linear lighting system with SE type of PROFILE
· Use required number of M type PROFILES to extend length of your lighting system
· Always finish your linear lighting system with SE type of PROFILE
· COUPLERS T, X and L type can be used to modify your lighting system design
· Each end of T, X or L COUPLER must be connected further to M or SE type of PROFILE.
· End of COUPLER can't be closed with end cap directly.
· Remember – PROLINE M can't exists on its own without additional SE type of PROFILES.
· Available length of PROLINE elements (SE/M can be found on corresponding pages in our catalogue)
· All accessories such as end caps, linear connectors, quick connectors, suspension wires or power cables should be ordered separately for all types of system profiles: Type SE / M / L / X / T.
· Accessories such as suspension wires or power cables should be ordered separately for all types of single profiles: Type S (end caps are included).

profile luminaires & systems