



NORTH AMERICA CATALOGUE

PROFILES AND STRIPS

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38	Wiser-T		

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Profiles



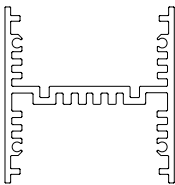
6
Corner 13



10
Corner 20



14
Emotiv



18
Force



22
Prism



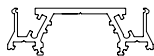
26
Sixtyfour



30
Syd



34
Wiser



38
Wiser-T

CORNER 13

Corner 13 is an anodised aluminium profile (0.51x0.51"). Corner backside is free of grooves: this makes it both functional for the fixing and aesthetically pleasing. Corner is the right solution for illuminating under cabinets and showcases because it allows you to direct the luminous flux. Mount a flat screen with an emission angle of 45°. Accommodate strips with a width of 0.31" for a rated power of 4.39 W/ft.

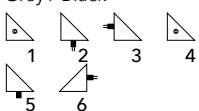


Corner 13

TECHNICAL INFO

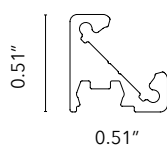
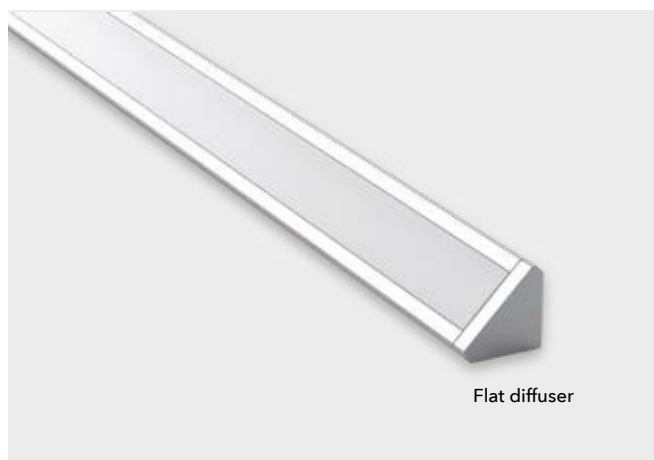
Installation: Ceiling / Wall
Finish: White / Grey / Black

Cable outlet:



Suitable for Dry and Damp Locations





Accessories



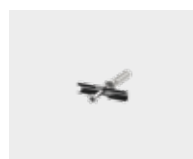
Frosted flat diffuser



Clear flat diffuser



○ W ● G ● N
End cap kit for flat
version



Mounting clip kit



Magnet + plate kit



Magnet kit for metallic
structures



Rear joining plate kit

Strips compatibility

Easy 3528-180-24V 14.4W

4.57 W/ft - 2700K - 6500K

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WARNING

For this profile, the side of the power cable outlet has to be specified: L (left) or R (right)

CORNER 20

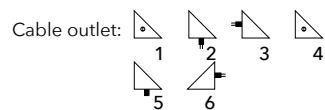
Corner 20 is an anodised aluminium profile (0.78x0.78"). Corner backside is free of grooves: this makes it both functional for the fixing and aesthetically pleasing. Corner is the right solution to illuminate under cabinets and showcases because it allows you to adjust the luminous flux. Mount a flat screen with an emission angle of 45° and an angle screen which directs the beam angle for a "square effect". Accommodates 0.31" strips for a rated power of 4.57 W/ft.



Corner 20

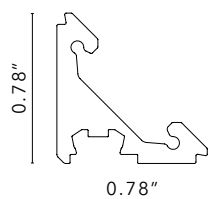
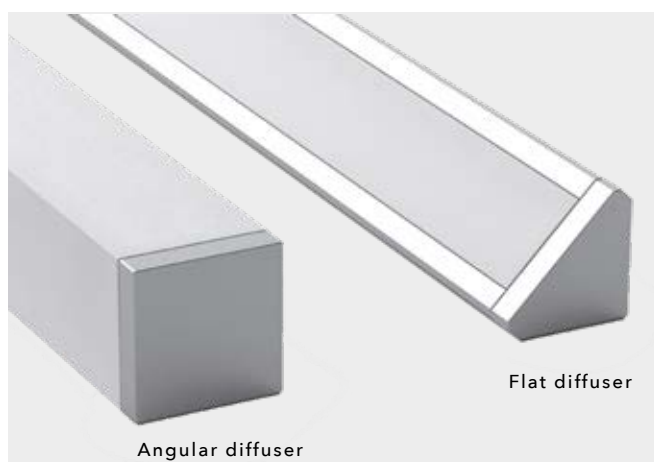
TECHNICAL INFO

Installation: Ceiling / Wall
Finish: White / Grey / Black



Suitable for Dry and Damp Locations





Accessories



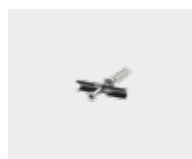
Frosted flat diffuser



Clear flat diffuser



Frosted angular diffuser



Mounting clip kit



Magnet + plate kit



Magnet kit for metallic structures



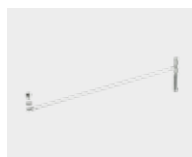
○ W ● G ● N
End cap kit for
angular version



○ W ● G ● N
End cap kit for
flat version



Rear joining plate kit



Kit of two safety cords



Vertical 90° joining rear bracket

Strips compatibility

Easy 3528-180-24V 14.4W

4.57 W/ft - 2700K - 6500K

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WARNING

For this profile, the side of the power cable outlet has to be specified: L (left) or R (right)

EMOTIV

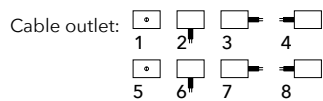
Emotiv is an anodised aluminium profile with a very small size (0.39x0.31"). Perfect for under cabinet and accent lighting applications. It accommodates strips with a width of 0.15" for a rated power of 2.74 W/ft.



Emotiv

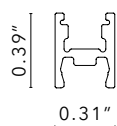
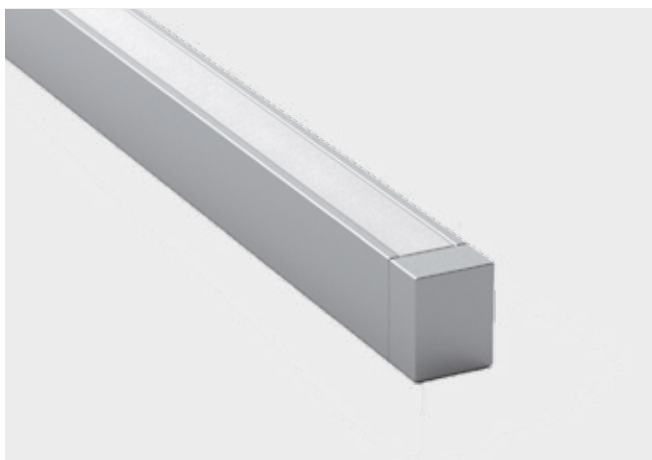
TECHNICAL INFO

Installation: Ceiling / Suspended /
Recessed / Wall
Finish: White / Grey / Black



Suitable for Dry and Damp Locations





Accessories



Frosted diffuser



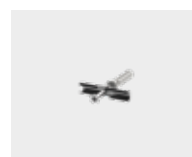
○ W ● G ● N
End cap kit



Magnet kit for metallic structures



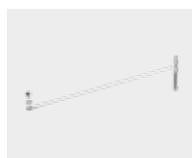
Rear joining plate kit



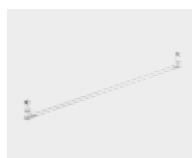
Mounting clip kit



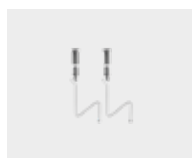
Magnet + plate kit



Kit of two safety cords



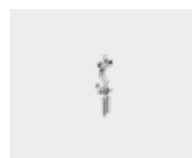
Kit of two safety cords for flush-mounting support



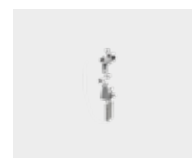
Standard profile suspension kit



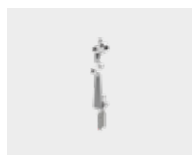
Medium profile suspension kit



○ W ● G ● N
Low adjustable bracket kit



○ W ● G ● N
Medium adjustable bracket kit



○ W ● G ● N
High adjustable bracket kit



○ W
Masonry flush-mounting support
* WARNING! Not suitable for applications in direct contact with water

Strips compatibility

Microdecor 180 24V 9W

2.74 W/ft - 2200K -6000K

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FORCE

Force is an anodized aluminium profile (1.84x1.77"), extremely versatile in the application: it can be installed on a wall, a ceiling or suspension. Force profiles are ideal for important lengths: they can contain within both the power supply and the cable management, thus masking the technical part. Force profiles are single or bi-emission. They accommodate strips for a rated power of 6.20 W/ft.

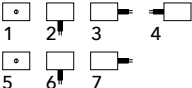


Force

TECHNICAL INFO

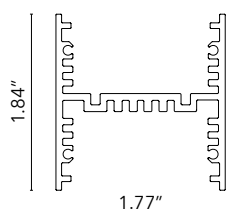
Installation: Suspended / Ceiling / Wall
Finish: White / Grey / Black

Cable outlet:



Suitable for Dry and Damp Locations





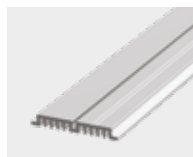
Accessories



Universal diffuser



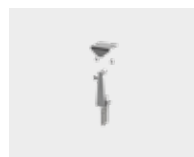
○W ●G ●N
Suspension back profile



●G
Heatsink profile



○W ●G ●N
End cap kit



○W ●G ●N
Adjustable bracket kit



90° horizontal union
bracket kit



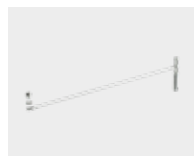
○W ●G ●N
Fairlead rose



Mounting spring kit



○W ●G ●N
Wall bracket and end
cap kit



Kit of two safety cords



○*W ●*G ●*N
Standard profile
suspension kit



○*W ●*G ●*N
Medium profile
suspension kit

Strips compatibility

PRISM

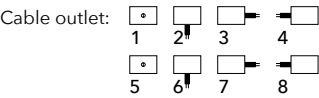
Prism is an anodized aluminium profile (0.47x0.53"). It accommodates strips with a width of 0.31" for a rated power of 4.57 W/ft.



Prism

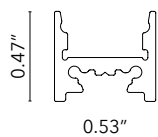
TECHNICAL INFO

Installation: Suspended / Ceiling /
Recessed / Wall
Finish: White / Grey / Black



Suitable for Dry and Damp Locations





Accessories



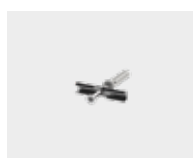
Frosted diffuser



Clear diffuser



○ W ● G ● N
End cap kit



Mounting clip kit



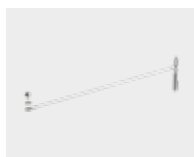
Rear joining plate kit



Magnet + plate kit



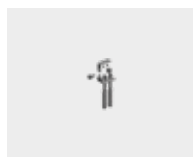
Magnet kit for metallic structures



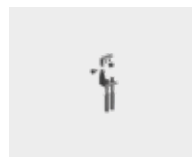
Kit of two safety cords



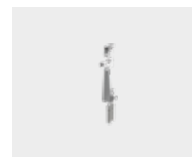
90° joining rear bracket kit



○ W ● G ● N
Low adjustable bracket kit



○ W ● G ● N
Medium adjustable bracket kit



○ W ● G ● N
High adjustable bracket kit



○ W
Plasterboard flush-mounting support

* WARNING! Not suitable for applications in direct contact with water



○ W
Masonry flush-mounting support

* WARNING! Not suitable for applications in direct contact with water



Standard profile suspension kit



Medium profile suspension kit

Strips compatibility

Easy 3528-180-24V 14.4W

4.57 W/ft - 2700K - 6500K

pag. 44

WARNING
On profiles made-to-measure, the length is inclusive of the thickness of the end caps.

SIXTYFOUR

Sixtyfour is an anodised aluminium profile very small in size (0.31x0.31"), ideal for decorative light lines and functional lighting in display cases and glass showcases. Sixtyfour is only applied with double-sided adhesive tape to guarantee the aesthetics of each side. It accommodates strips with a width of 0.15" for a rated power of 2.74 W/ft.











Sixtyfour

TECHNICAL INFO

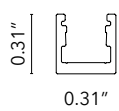
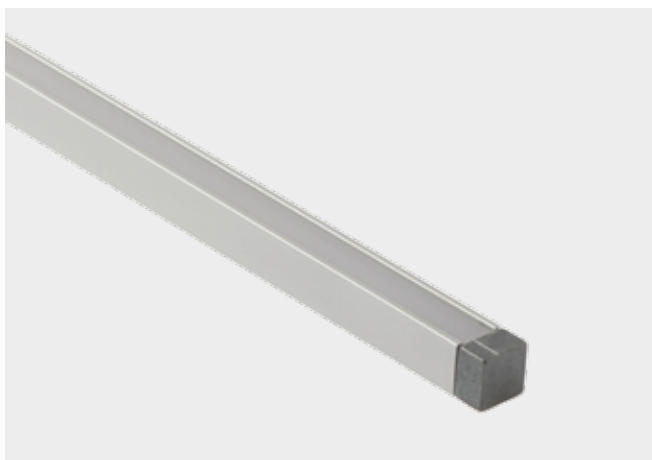
Installation: Ceiling / Recessed / Wall
Finish: White / Grey / Black

Cable outlet:

			
1	2	3	4
			
5	6	7	8

Suitable for Dry and Damp Locations





Accessories



Frosted diffuser



○W ●G ●N
End cap kit

8 mm IP67 double-sided
adhesive tape

Strips compatibility

SYD

Syd is an asymmetric aluminium anodized profile very small in size (0.31x0.39") with 45° emission, ideal for decorative light lines and for functional lighting in display cases and glass showcases. Syd is applied only with double-sided adhesive tape to guarantee the aesthetics of each side. It accommodates strips with a width of 0.15" for a rated power of 2.74 W/ft.

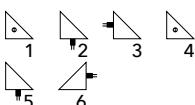


Syd

TECHNICAL INFO

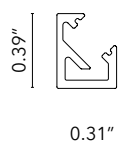
Installation: Ceiling / Wall
Finish: White / Grey / Black

Cable outlet:



Suitable for Dry and Damp Locations





Accessories



Frosted diffuser



○W ●G ●N
End cap kit

8 mm IP67 double-sided
adhesive tape

Strips compatibility

Microdecor 180 24V 9W

2.74 W/ft - 2200K -6000K

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WISER

Wiser is an anodised aluminium profile (0.90x0.82"). Wiser is ideal for suspended, ceiling and wall applications.

It allows virtually perfect light lines even with low LED density strips. It accommodates strips with a width of 0.31" for a rated power of 4.57 W/ft.











Wiser

TECHNICAL INFO

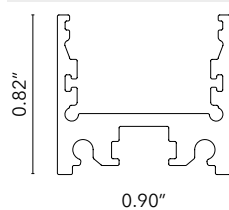
Installation: Suspended / Ceiling / Wall
Finish: White / Grey / Black

Cable outlet:

			
1	2	3	4
			
5	6	7	8

Suitable for Dry and Damp Locations

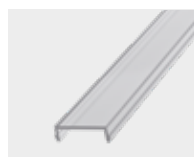




Accessories



Frosted diffuser



Clear diffuser



○ W ● G ● N
Wisier end cap kit



Mounting clip kit



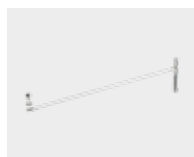
Magnet + plate kit



Rear joining plate kit



Magnet kit for metallic structures



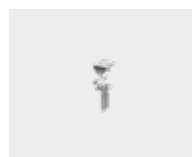
Kit of two safety cords



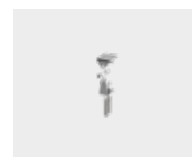
Wisier L shaped bracket



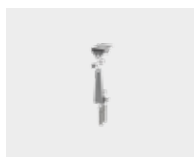
Vertical 90° joining rear bracket kit



○ W ● G ● N
Low adjustable bracket kit



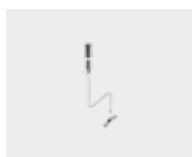
○ W ● G ● N
Medium adjustable bracket kit



○ W ● G ● N
High adjustable bracket kit



Standard profile suspension kit



Medium profile suspension kit

Strips compatibility

Easy 3528-180-24V 14.4W

4.57 W/ft - 2700K - 6500K

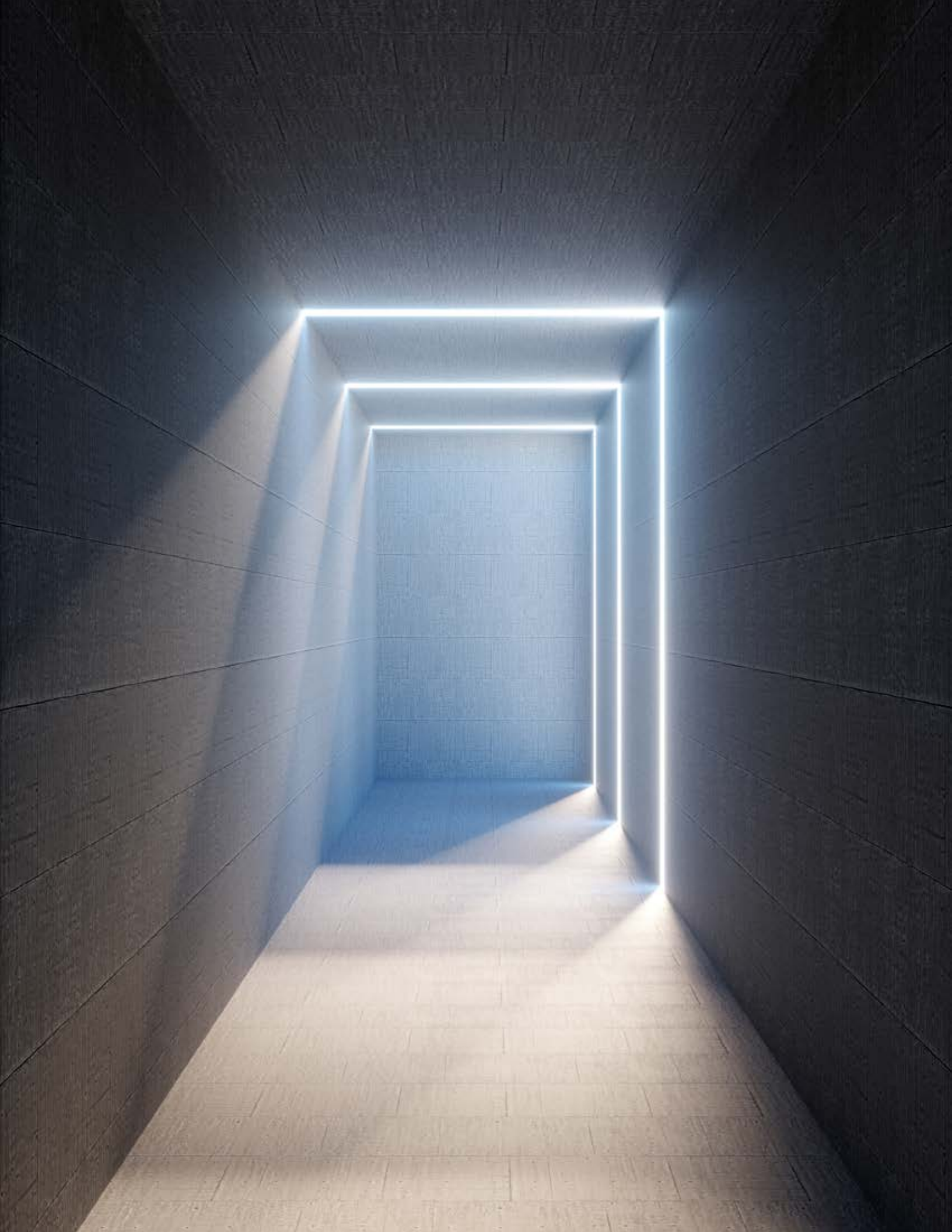
pag. 44

WARNING

On profiles made-to-measure, the length is inclusive of the thickness of the end caps.

WISER-T

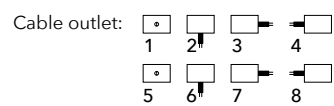
Wiser T is an aluminum profile sized 1.52x4.92", it accommodates strips with a maximum width of 0.31" for a rated power of 4.57 W/ft. Ideal in flush-mounted applications, very simple to install, and thanks to its small size it remains within the thickness of the plasterboard sheets.



Wiser-T

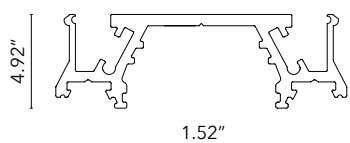
TECHNICAL INFO

Installation: Recessed
Finish: White



Suitable for Dry and Damp Locations

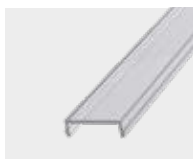




Accessories



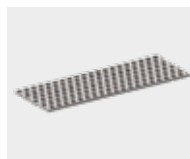
Frosted diffuser



Clear diffuser



OW
End cap kit



Fixing bracket kit



Joining rear bracket kit



Horizontal 90° joining
rear bracket



Vertical 90° joining rear
bracket

Strips compatibility

Easy 3528-180-24V 14.4W

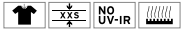
4.57 W/ft - 2700K - 6500K

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M I C R O D E C O R

The Microdecor strip is characterised particularly by its small size: with only 0.17" in width it is among the smallest printed circuits on the market. It is inserted within the appropriate profiles, allowing thin decorative light lines and effect lighting. It is perfect in display cases and glass showcases or cabinets. Microdecor has CRI 90.

MICRODECOR 180 / 24 Vdc

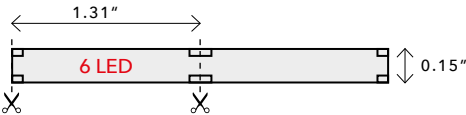


IP	Power	Flux	Voltage	LEDs/m	Colour	CRI	*Max length
IP 00	2.74 W/ft	158.54 Lm/ft	24 Vdc	180	2200K	90	118.11"
IP 00	2.74 W/ft	256.70 Lm/ft	24 Vdc	180	2700K	90	118.11"
IP 00	2.74 W/ft	256.70 Lm/ft	24 Vdc	180	3000K	90	118.11"
IP 00	2.74 W/ft	257.62 Lm/ft	24 Vdc	180	4000K	90	118.11"
IP 00	2.74 W/ft	289.63 Lm/ft	24 Vdc	180	6000K	90	118.11"

Dimmable using dedicated controls.

* Maximum strip length with same power cable

REEL 118.11"
Microdecor 180 / 24 Vdc



EASY PLUS

The Easy collection Plus lists strips that ensure colour effects of power and uniformity, so to satisfy the more demanding needs.

EASY 2835-96 / 24 Vdc

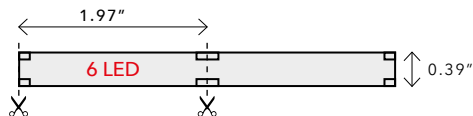


IP	Power	Flux	Voltage	LEDs/m	Colour	CRI	*Max length
IP 00	6.09 W/ft	472.56 Lm/ft	24 Vdc	96	2700-2850K	80	196.85"
IP 00	6.09 W/ft	560.97 Lm/ft	24 Vdc	96	2850-3000K	80	196.85"
IP 00	6.09 W/ft	631.09 Lm/ft	24 Vdc	96	4000-4250K	80	196.85"
IP 00	6.09 W/ft	631.09 Lm/ft	24 Vdc	96	6000-6500K	80	196.85"

Dimmable using dedicated controls.

* Maximum strip length with same power cable

REEL 196.85"
Easy 3528-120 colors /
24 Vdc IP65



This product features an excellent relationship between number of LEDs, emission, power and cost. Suitable for primary lighting

EASY 2835-60 / 24 Vdc Waterproof - IP65 suitable for Dry and Damp Locations

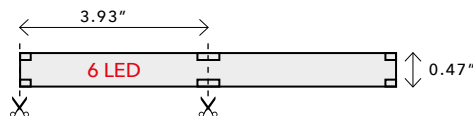


IP	Power	Flux	Voltage	LEDs/m	Colour	CRI	*Max length
IP 65	4.27 W/ft	360.67 Lm/ft	24 V	60	2700-2850K	80	196.85"
IP 65	4.27 W/ft	379.57 Lm/ft	24 V	60	2850-3000K	80	196.85"
IP 65	4.27 W/ft	379.57 Lm/ft	24 V	60	4000-4250K	80	196.85"
IP 65	4.27 W/ft	420.73 Lm/ft	24 V	60	6000-6500K	80	196.85"

Dimmable using dedicated controls.

* Maximum strip length with same power cable

REEL 196.85"
Easy 2835-60 / 24 Vdc IP65



EASY 3528-180 / 24 Vdc

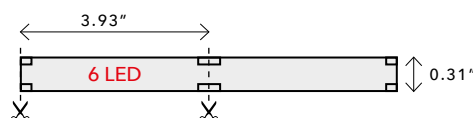


IP	Power	Flux	Voltage	LEDs/m	Colour	CRI	*Max length
IP 00	4.57 W/ft	378.04 Lm/ft	24 Vdc	180	2700-2850K	80	196.85"
IP 00	4.57 W/ft	387.19 Lm/ft	24 Vdc	180	2850-3000K	80	196.85"
IP 00	4.57 W/ft	399.39 Lm/ft	24 Vdc	180	4000-4250K	80	196.85"
IP 00	4.57 W/ft	414.63 Lm/ft	24 Vdc	180	6000-6500K	80	196.85"

Dimmable using dedicated controls.

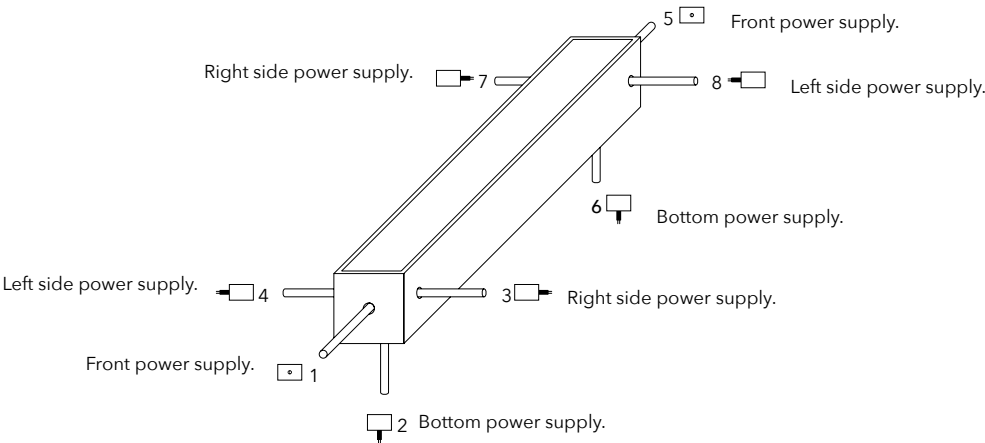
* Maximum strip length with same power cable

REEL 196.85"
Easy 3528-180 / 24 Vdc

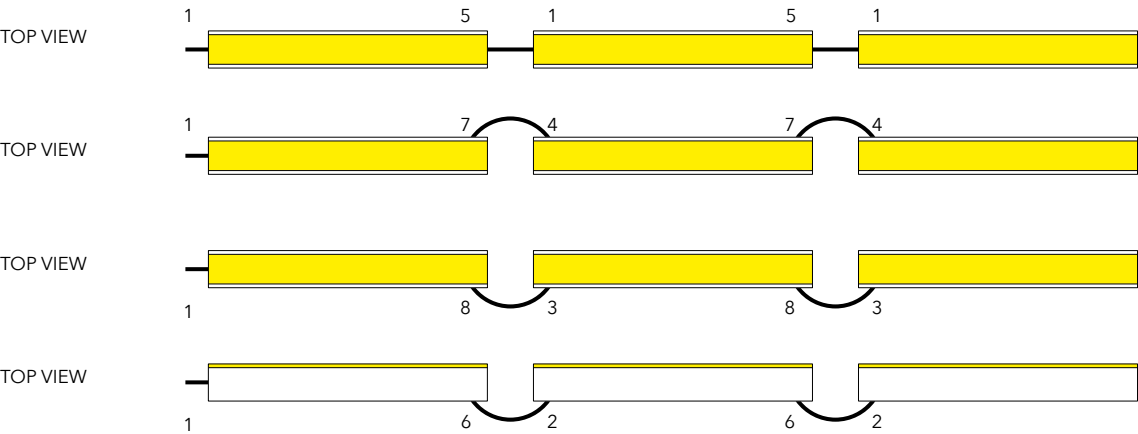


Cable outlet guide

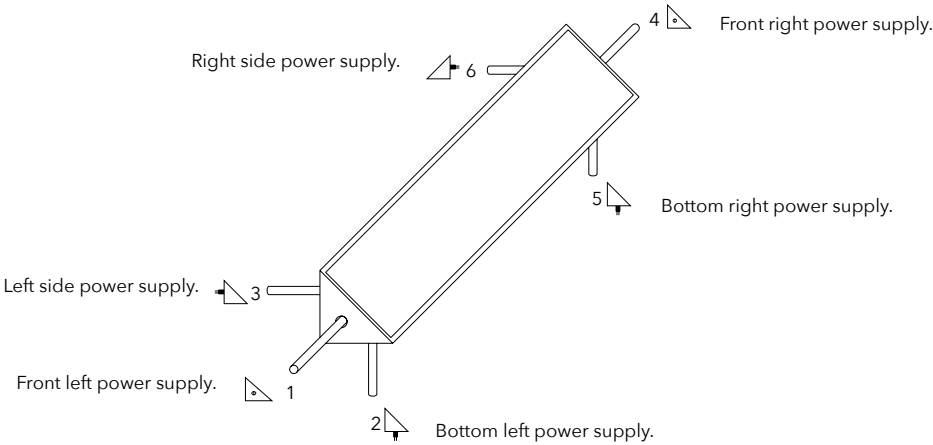
RECTANGULAR PROFILE



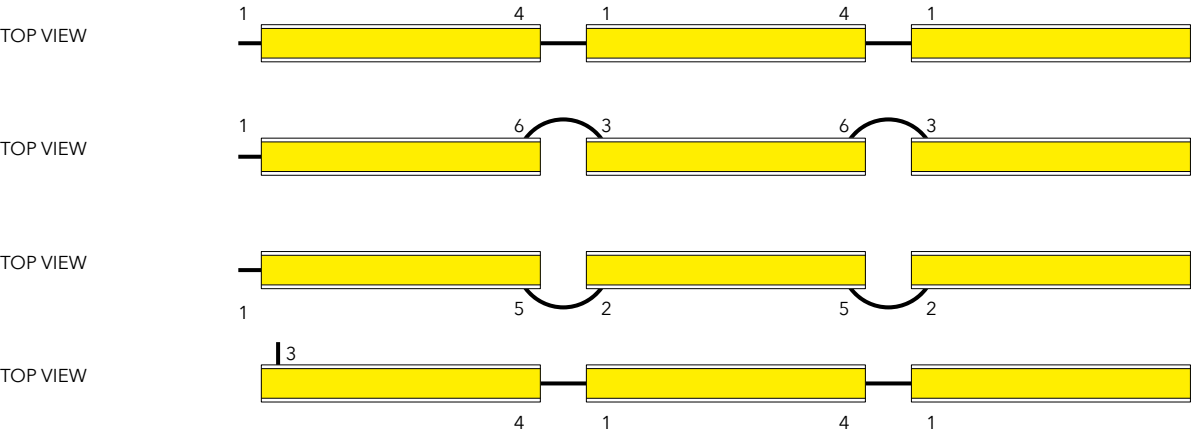
SPECIFY THE CABLE OUTLET REFERENCE NUMBERS WHEN PLACING THE ORDER



TRIANGULAIRE PROFILE



SPECIFY THE CABLE OUTLET REFERENCE NUMBERS WHEN PLACING THE ORDER



Keys



UL Listed Mark - UL



The LED emission spectrum is within the field of visible light and therefore UV and IR values are very low



The LED STRIP must be in contact with a heat sink to reject the excess temperature



Extremely narrow STRIPS, the only ones of their kind



High colour rendering index at 4000-4250K

Penta reserves the right to change, better and improve its models without notice, even if these improvements might change the aesthetic appearance of the proposed solutions.

The glass is hand made and mouth-blown by the master glass blower, according to the traditional blowing techniques. Each item is carefully checked, therefore apparent imperfections, such as bubbles or nuances in the glass colour, have to be recognised as merits and signs of the artisan's craftsmanship.



SISTEMA DI GESTIONE
QUALITÀ CERTIFICATA
AZIENDA CERTIFICATA

Penta srl takes part in Consorzio Ecolight for the implementation of directive WEEE/RAEE 2002/95/CE e 2003/1087/CE relating to the collection and disposal of light fittings

The paper used is completely biodegradable and recyclable.

The details provided in this catalogue were correct at the time of publication (March 2023).
The specifications in this catalogue are intended as a guide only.

Penta shall not be held liable for any discrepancies between the illustrations or descriptions given and the actual products neither for any misprints and/or typing errors.

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For further information, please visit pentalight.com



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AURALIS LIGHTING USA INC. · New York, NY 10018
(646) 688 3331 · Toll Free (844) 310 5598
pentalight.com - usa@pentalight.com

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