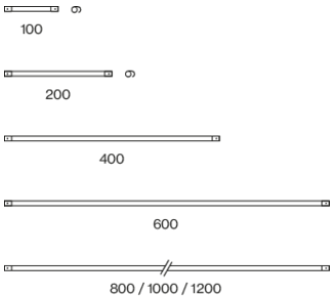


## Quickinfo

3000 K, 3500 K, 4000 K
CRI ≥ 97 / 3 SDCM (initial MacAdam)
fino a 1.260 lm/m
fino a 80 lm/W
L85 / 50000 h
excl. driver
Opal
IP20

### Types




### Colours

### Distribuzione della luce

# **FINA** opal

system

EN Miniature linear light inset made of aluminium; tubular design; optionally for recessed or surface mounting (available as an accessory); surface lacquered; plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available; for flexible system design; completely homogeneously illuminated, satinised PMMA cover; light inset rotatable; energy-efficient LEDs with very good colour rendering; converter plug and play; converter separately available

IT Inserto luminoso lineare miniaturizzato in alluminio; design tubolare; possibilità di scelta tra il montaggio a incasso e in superficie (disponibile come accessorio); verniciatura; montaggio senza attrezzi tramite connettore con innesto rapido a baionetta; disponibili diversi connettori per il collegamento meccanico ed elettrico; per composizioni flessibili; diffusore satinato in PMMA a illuminazione assolutamente omogenea; unità luminosa ruotabile; LED ad efficienza energetica con elevata resa cromatica; convertitore premontato e pronto all'uso; convertitore da ordinare separatamente



CRI ≥ 95, R9 ≥ 90



plug & play



fine adjustments possible





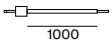

## **FINA** opal system

OPAL CRI ≥ 97, excl. driver

| FIXTURE | LENGTH | LUM. FLUX | ORDER CODE |
|---|---|---|---|
| 1.5 W | 100 mm | 84 lm | 0 1 1 - 1 1 0 1 :: 1 ◪ O |
| 2.0 W | 135 mm | 121 lm | 0 1 1 - 1 1 9 A C :: 1 ◪ O |
| 2.7 W | 170 mm | 161 lm | 0 1 1 - 1 1 9 A D :: 1 ◪ O |
| 3.3 W | 205 mm | 201 lm | 0 1 1 - 1 1 9 A E :: 1 ◪ O |
| 3.6 W | 200 mm | 218 lm | 0 1 1 - 1 1 0 2 :: 1 ◪ O |
| 4.0 W | 240 mm | 242 lm | 0 1 1 - 1 1 9 A F :: 1 ◪ O |
| 4.7 W | 275 mm | 282 lm | 0 1 1 - 1 1 9 A G :: 1 ◪ O |
| 5.4 W | 310 mm | 322 lm | 0 1 1 - 1 1 9 A H :: 1 ◪ O |
| 6.0 W | 345 mm | 362 lm | 0 1 1 - 1 1 9 A I :: 1 ◪ O |
| 6.7 W | 380 mm | 403 lm | 0 1 1 - 1 1 9 A J :: 1 ◪ O |
| 7.3 W | 400 mm | 436 lm | 0 1 1 - 1 1 0 3 :: 1 ◪ O |
| 7.4 W | 415 mm | 443 lm | 0 1 1 - 1 1 9 A K :: 1 ◪ O |
| 8.0 W | 450 mm | 483 lm | 0 1 1 - 1 1 9 A L :: 1 ◪ O |
| 8.7 W | 485 mm | 524 lm | 0 1 1 - 1 1 9 A M :: 1 ◪ O |
| 9.4 W | 520 mm | 564 lm | 0 1 1 - 1 1 9 A N :: 1 ◪ O |
| 10.0 W | 555 mm | 604 lm | 0 1 1 - 1 1 9 A O :: 1 ◪ O |
| 10.7 W | 590 mm | 644 lm | 0 1 1 - 1 1 9 A P :: 1 ◪ O |
| 11.4 W | 625 mm | 685 lm | 0 1 1 - 1 1 9 A Q :: 1 ◪ O |
| 11.6 W | 600 mm | 698 lm | 0 1 1 - 1 1 0 4 :: 1 ◪ O |
| 12.0 W | 660 mm | 725 lm | 0 1 1 - 1 1 9 A R :: 1 ◪ O |
| 12.7 W | 695 mm | 765 lm | 0 1 1 - 1 1 9 A S :: 1 ◪ O |
| 13.4 W | 730 mm | 805 lm | 0 1 1 - 1 1 9 A T :: 1 ◪ O |
| 14.0 W | 765 mm | 846 lm | 0 1 1 - 1 1 9 A U :: 1 ◪ O |
| 14.6 W | 800 mm | 873 lm | 0 1 1 - 1 1 0 5 :: 1 ◪ O |
| 15.4 W | 835 mm | 926 lm | 0 1 1 - 1 1 9 A W :: 1 ◪ O |
| 16.1 W | 870 mm | 966 lm | 0 1 1 - 1 1 9 A X :: 1 ◪ O |
| 16.7 W | 905 mm | 1010 lm | 0 1 1 - 1 1 9 A Y :: 1 ◪ O |
| 17.4 W | 940 mm | 1050 lm | 0 1 1 - 1 1 9 A Z :: 1 ◪ O |
| 18.1 W | 975 mm | 1090 lm | 0 1 1 - 1 1 9 B A :: 1 ◪ O |
| 18.2 W | 1000 mm | 1090 lm | 0 1 1 - 1 1 0 6 :: 1 ◪ O |
| 18.7 W | 1010 mm | 1130 lm | 0 1 1 - 1 1 9 B B :: 1 ◪ O |
| 19.4 W | 1045 mm | 1170 lm | 0 1 1 - 1 1 9 B C :: 1 ◪ O |
| 20.1 W | 1080 mm | 1210 lm | 0 1 1 - 1 1 9 B D :: 1 ◪ O |
| 20.7 W | 1115 mm | 1250 lm | 0 1 1 - 1 1 9 B E :: 1 ◪ O |
| 21.4 W | 1150 mm | 1290 lm | 0 1 1 - 1 1 9 B F :: 1 ◪ O |
| 21.8 W | 1200 mm | 1310 lm | 0 1 1 - 1 1 0 7 :: 1 ◪ O |

The data values for the luminous flux may differ for specific order options by -9%. Luminous flux value refers to colour temperature 4000 K, 3500 K. Light inset incl. 1 electrical linear connector (UL version only); note the maximum allowed system power from the mounting instructions

## Electrical mounting accessories




CONNECTION CABLE

| TYPE | ORDER CODE |
|---|---|
| 1 × open / 1 × DC plug | 0 1 1 - 9 2 2 2 6 2 0 |

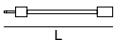
### Order options

| COLOUR TEMPERATURE :: | |
|---|---|
| 3000 K | 0 |
| 4000 K | 1 |
| 3500 K | 2 |

| COLOUR ◪ | |
|---|---|
| white aluminium RAL 9006 | 6 |
| tar black RAL 9021 | 8 |

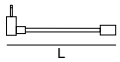
NOTE

Products from the Showcase Lighting range are excluded from returns.



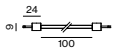

**EXTENSION CABLE** 1 × socket / 1 × plug, 350 mA

| feeder length | ORDER CODE |
|---|---|
| 1000 mm | 011-922212 0 |
| 2000 mm | 011-922214 0 |
| 4000 mm | 011-922218 0 |




**EXTENSION CABLE** 1 × socket / 1 × plug 90°, 350 mA

| feeder length | ORDER CODE |
|---|---|
| 1000 mm | 011-922222 0 |
| 2000 mm | 011-922224 0 |
| 4000 mm | 011-922228 0 |




**FLEX CONNECTOR** electrical

| L·W (mm) | ORDER CODE |
|---|---|
| 100·9 | 011-922510 0 |

**FLEX CONNECTOR 0-83°** electrical

| L·W (mm) | ORDER CODE |
|---|---|
| 33·6 | 011-922540 0 |




**FLEX CONNECTOR 90°** electrical

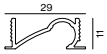
| L·W·H (mm) | ORDER CODE |
|---|---|
| 39·39·9 | 011-922520 0 |




**LINEAR CONNECTOR** electrical

| L·W (mm) | ORDER CODE |
|---|---|
| 18·6 | 011-922530 0 |

## Mounting accessories




**MOUNTING CHANNEL 45**

| L·W·H (mm) | ORDER CODE |
|---|---|
| 230·29·11 | 011-910320 ◪ |
| 430·29·11 | 011-910330 ◪ |
| 630·29·11 | 011-910340 ◪ |
| 830·29·11 | 011-910350 ◪ |
| 1030·29·11 | 011-910360 ◪ |
| 1230·29·11 | 011-910370 ◪ |
| custom cut·29·11 | E84830 · · · · ◪ |




**MOUNTING CHANNEL 45 JUT-OUT**

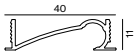
| L·W·H (mm) | ORDER CODE |
|---|---|
| 230·17·18 | 011-910420 ◪ |
| 430·17·18 | 011-910430 ◪ |
| 630·17·18 | 011-910440 ◪ |
| 830·17·18 | 011-910450 ◪ |
| 1030·17·18 | 011-910460 ◪ |
| 1230·17·18 | 011-910470 ◪ |
| custom cut·17·18 | E84840 · · · · ◪ |

**Order options**

| COLOUR | ◪ |
|---|---|
| white aluminium RAL 9006 | 6 |
| tar black RAL 9021 | 8 |

**NOTE**

Products from the Showcase Lighting range are excluded from returns.




### MOUNTING CHANNEL 60

| L·W·H (mm) | ORDER CODE |
|---|---|
| 230·40·11 | 011-910220 |
| 430·40·11 | 011-910230 |
| 630·40·11 | 011-910240 |
| 830·40·11 | 011-910250 |
| 1030·40·11 | 011-910260 |
| 1230·40·11 | 011-910270 |
| custom cut·40·11 | E84820···· |




### MOUNTING CHANNEL 90

| L·W·H (mm) | ORDER CODE |
|---|---|
| 230·17·11 | 011-910020 |
| 430·17·11 | 011-910030 |
| 630·17·11 | 011-910040 |
| 830·17·11 | 011-910050 |
| 1030·17·11 | 011-910060 |
| 1230·17·11 | 011-910070 |
| custom cut·17·11 | E84800···· |




### MOUNTING CHANNEL 90 ANTI-GLARE

| L·W·H (mm) | ORDER CODE |
|---|---|
| 230·17·15 | 011-910120 |
| 430·17·15 | 011-910130 |
| 630·17·15 | 011-910140 |
| 830·17·15 | 011-910150 |
| 1030·17·15 | 011-910160 |
| 1230·17·15 | 011-910170 |
| custom cut·17·15 | E84810···· |




### MOUNTING CLIP 45 surface

| COLOUR | ORDER CODE |
|---|---|
| tar black | 011-910300 8 |




### MOUNTING CLIP 60 surface

| COLOUR | ORDER CODE |
|---|---|
| tar black | 011-910200 8 |




### MOUNTING CLIP 90 surface

| COLOUR | ORDER CODE |
|---|---|
| tar black | 011-910000 8 |

## Mounting tools accessories

### MOUNTING TOOL

| TYPE | ORDER CODE |
|---|---|
| for inset adjustment | 011-919000 0 |

**Order options**

| COLOUR | |
|---|---|
| white aluminium RAL 9006 | 6 |
| tar black RAL 9021 | 8 |

**NOTE**

Products from the Showcase Lighting range are excluded from returns.

## Electrical accessories

### POWER SUPPLY 24V EU PC2

| TYPE | INPUT VOLTAGE | EFFICIENCY | L·W·H (mm) | ORDER CODE |
|---|---|---|---|---|
| 18 W \| non DIM | 198-264 V AC | η 86 % | 130·43·30 | 0 1 1 - 9 2 1 2 1 1 0 |
| 35 W \| non DIM | 198-264 V AC | η 86 % | 195·43·30 | 0 1 1 - 9 2 1 2 2 1 0 |
| 60 W \| non DIM | 198-264 V AC | η 91 % | 220·43·30 | 0 1 1 - 9 2 1 2 3 1 0 |
| 18 W \| DALI-2 | 198-264 V AC | η 84 % | 130·43·30 | 0 1 1 - 9 2 1 2 1 3 0 |
| 35 W \| DALI-2 | 198-264 V AC | η 89 % | 195·43·30 | 0 1 1 - 9 2 1 2 2 3 0 |
| 60 W \| DALI-2 | 198-240 V AC | η 93 % | 220·43·30 | 0 1 1 - 9 2 1 2 3 3 0 |

incl. power cable 2m + connection cable with plug 1m

### POWER SUPPLY 24V UL non DIM, 100-305 V AC, PC2

| TYPE | EFFICIENCY | L·W·H (mm) | ORDER CODE |
|---|---|---|---|
| 25 W | η 88 % | 147·40·32 | 0 1 1 - 9 2 7 2 1 1 0 |
| 40 W | η 88 % | 147·40·32 | 0 1 1 - 9 2 7 2 2 1 0 |
| 60 W | η 87 % | 176·45·32 | 0 1 1 - 9 2 7 2 3 1 0 |

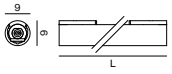
### POWER SUPPLY 24V UL incl. metalbox non DIM, 100-305 V AC, PC2

| TYPE | EFFICIENCY | TYPE | L·W·H (mm) | ORDER CODE |
|---|---|---|---|---|
| incl. metalbox | η 88 % | incl. metalbox | 196·68·45 | 0 1 1 - 9 2 9 2 1 1 0 |
| incl. metalbox | η 88 % | incl. metalbox | 196·68·45 | 0 1 1 - 9 2 9 2 2 1 0 |
| incl. metalbox | η 87 % | incl. metalbox | 223·66·55 | 0 1 1 - 9 2 9 2 3 1 0 |

### SYSTEM SPLITTER

| TYPE | ORDER CODE |
|---|---|
| 3 way | 0 1 1 - 9 2 3 8 3 0 0 |
| 6 way | 0 1 1 - 9 2 3 8 6 0 0 |

## Optical accessories




### BLIND INSET

| L·W·H (mm) | ORDER CODE |
|---|---|
| 200·9·6 | 0 1 1 - 9 1 0 9 2 0 |
| 400·9·6 | 0 1 1 - 9 1 0 9 3 0 |
| 600·9·6 | 0 1 1 - 9 1 0 9 4 0 |
| 800·9·6 | 0 1 1 - 9 1 0 9 5 0 |
| 1000·9·6 | 0 1 1 - 9 1 0 9 6 0 |
| 1200·9·6 | 0 1 1 - 9 1 0 9 7 0 |
| 100·9·6 | 0 1 1 - 9 1 0 9 1 0 |
| 50·9·6 | 0 1 1 - 9 1 0 9 0 0 |

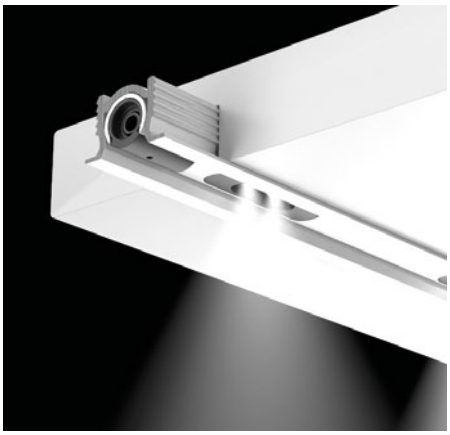
## Order options

| COLOUR | |
|---|---|
| white aluminium RAL 9006 | 6 |
| tar black RAL 9021 | 8 |

**NOTE**

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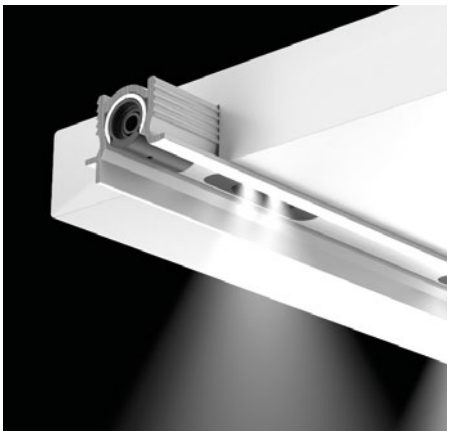
# Channel overview



## **Channel 90** recessed

EN The mounting channel for FINA modules offers an elegant solution for installation. Ideal for applications with a 90° beam direction onto the lower shelf.

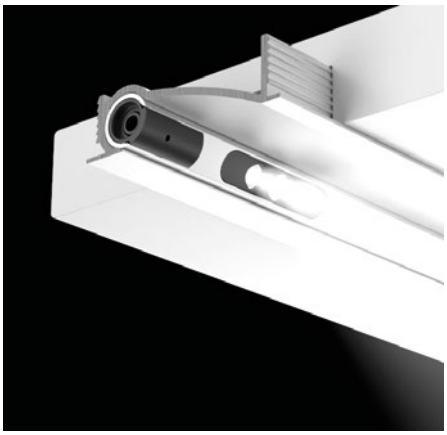
DE Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 90° auf das untere Fach.



## **Channel 90** anti-glare

EN The mounting channel for FINA modules offers an elegant solution for installation. The anti-glare lip enables glare-free light in showcases at the viewer's eye level and is ideal for applications with a beam angle of 90° onto the lower shelf.

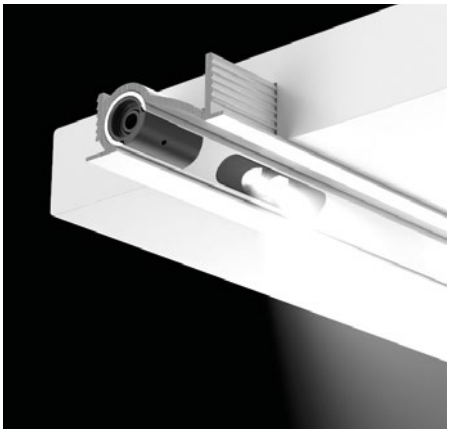
DE Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Die Anti Glare Blendlippe ermöglicht blendfreies Licht in Vitrinen in Augenhöhe des Betrachters und ist ideal für Anwendungen mit einer Ausstrahlrichtung von 90° auf das untere Fach.



## **Channel 60** recessed

EN The mounting channel for FINA modules offers an elegant solution for installation. Ideal for applications with a beam angle of 60° to the bottom of the compartment and for compartment niches with the same compartment height and depth.

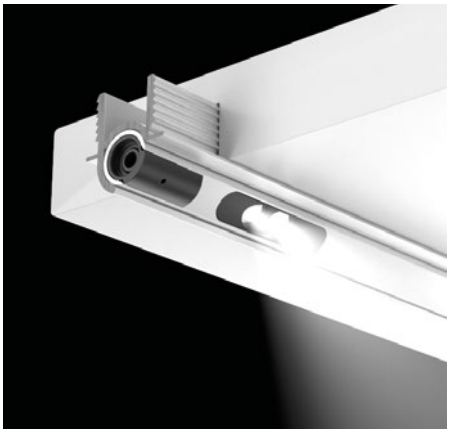
DE Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 60° auf das untere Fach sowie von Fachnischen mit gleicher Fachhöhe und -tiefe.



## **Channel 45** recessed

EN The mounting channel for FINA modules offers an elegant solution for installation. Ideal for applications with a beam angle of 45° to the bottom of the compartment as well as for compartment niches with a low height. The ratio of compartment height to depth is 1:2.

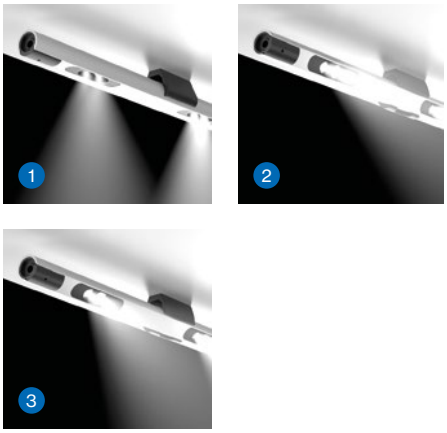
DE Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 45° auf das Fach untere sowie von Fachnischen mit geringer Höhe. Das Verhältnis der Fachhöhe zur -tiefe ist 1:2.



## **Channel 45** jut-out

EN The jut-out mounting channel ensures ideal illumination of the lower compartment without shadowing. Ideal for applications with a beam direction of 45° onto the lower shelf as well as shelf niches with a low height.

DE Der jut-out Montagekanal sorgt für eine ideale Ausleuchtung des unteren Faches ohne Abschattungen. Ideal für Anwendungen mit einer Ausstrahlrichtung von 45° auf das untere Fach sowie von Fachnischen mit geringer Höhe.




## **Mounting clip 90 / 60 / 45** surface

EN Mounting clips for NANO modules for surface mounting. 1 Beam direction of 90° onto the bottom shelf. 2 Beam direction of 60° onto the bottom shelf and for niches with the same shelf height and depth. 3 Emission direction of 45° onto the bottom shelf and for niches with a low height. The ratio of compartment height to depth is 1:2.

DE Montageclips für NANO-Module zur Anbaumontage. 1 Ausstrahlrichtung von 90° auf das untere Fach. 2 Ausstrahlrichtung von 60° auf das untere Fach und für Fachnischen mit gleicher Fachhöhe und -tiefe. 3 Ausstrahlrichtung von 45° auf das untere Fach und für Fachnischen mit geringer Höhe. Das Verhältnis der Fachhöhe zur -tiefe ist 1:2.