



## FINA spot line system

recessed / surface

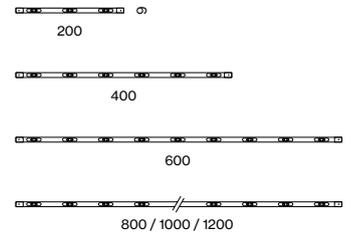
**EN** Miniature linear light inset made of aluminium; tubular design; optionally for recessed or surface mounting (available as an accessory); surface lacquered; plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available; for flexible system design; fitted with LED light points; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; light inset rotatable; energy-efficient LEDs with very good colour rendering; converter plug and play; converter separately available

**DE** Miniatur-Linear-Lichteinsatz aus Aluminium; tubulare Bauform; wahlweise für Einbau- oder Anbaumontage (als Zubehör erhältlich); Oberfläche lackiert; durchkontaktiertes elektrisches Stecksystem für werkzeuglose Montage; unterschiedliche Verbinder für mechanische und elektrische Verbindung verfügbar; für flexiblen Systemaufbau; bestückt mit LED Lichtpunkten; präzise Abstrahlcharakteristik mit unterschiedlichen symmetrischen Lichtverteilungen; oder mit asymmetrischer Lichtverteilung; Lichteinsatz drehbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Konverter steckerfertig vorkonfektioniert; Konverter ist separat zu bestellen

### Quickinfo

3000K, 4000K  
 CRI ≥ 95 (R9 ≥ 90)  
 L80 @ 50000h  
 up to 1200 lm/m  
 non DIM, DALI-2

### Types



### Configurations



### Colours



### Light distributions



UL certified



brilliance effect



plug & play



fine adjustment possible



CRI ≥ 95  
 R9 ≥ 90

### Order options

|                           |    |
|---------------------------|----|
| <b>COLOUR TEMPERATURE</b> | ☐☐ |
| 3000K                     | 0  |
| 4000K                     | 1  |

|                            |   |
|----------------------------|---|
| <b>MATERIAL COLOUR</b>     | ☑ |
| ● white aluminium RAL 9006 | 6 |
| ● black RAL 9021           | 8 |

|                   |   |
|-------------------|---|
| <b>BEAM ANGLE</b> | ▲ |
| medium 30°        | M |
| asymmetric        | A |



### FINA spot line



#### INSET ROUND

| INS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE               |
|------------|--------------|-----------|--------|--------------------------|
| 4.8 W      | 3000 K       | 3×78lm    | 200    | 0 1 1 - 0 1 0 2 :: 1 ☑ ▲ |
|            | 4000 K       | 3×80lm    |        |                          |
| 9.6 W      | 3000 K       | 6×78lm    | 400    | 0 1 1 - 0 1 0 3 :: 1 ☑ ▲ |
|            | 4000 K       | 6×80lm    |        |                          |
| 14.4 W     | 3000 K       | 9×78lm    | 600    | 0 1 1 - 0 1 0 4 :: 1 ☑ ▲ |
|            | 4000 K       | 9×80lm    |        |                          |
| 19.2 W     | 3000 K       | 12×78lm   | 800    | 0 1 1 - 0 1 0 5 :: 1 ☑ ▲ |
|            | 4000 K       | 12×80lm   |        |                          |
| 24 W       | 3000 K       | 15×78lm   | 1000   | 0 1 1 - 0 1 0 6 :: 1 ☑ ▲ |
|            | 4000 K       | 15×80lm   |        |                          |
| 28.8 W     | 3000 K       | 18×78lm   | 1200   | 0 1 1 - 0 1 0 7 :: 1 ☑ ▲ |
|            | 4000 K       | 18×80lm   |        |                          |

light inset incl. 1 electrical linear connector

### Mounting channels

see last page

### Electrical accessories

#### POWER SUPPLY 24 V EU 220-240 V AC, 50-60 Hz, ☐ PC II

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

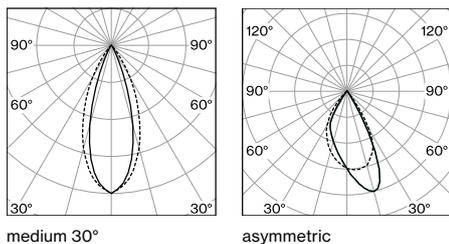
| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 18 W   non DIM | 130-43-30  | 0 1 1 - 9 2 1 2 1 1 0 |
| 35 W   non DIM | 195-43-30  | 0 1 1 - 9 2 1 2 2 1 0 |
| 60 W   non DIM | 220-43-30  | 0 1 1 - 9 2 1 2 3 1 0 |
| 18 W   DALI-2  | 130-43-30  | 0 1 1 - 9 2 1 2 1 3 0 |
| 35 W   DALI-2  | 195-43-30  | 0 1 1 - 9 2 1 2 2 3 0 |
| 60 W   DALI-2  | 220-43-30  | 0 1 1 - 9 2 1 2 3 3 0 |

#### POWER SUPPLY 24 V UL 100-120 V AC, 50-60 Hz, ☐ PC II

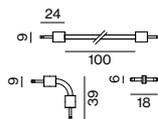
incl. connection cable with plug 1m

| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 20 W   non DIM | 153-41-32  | 0 1 1 - 9 2 8 2 1 1 0 |
| 40 W   non DIM | 210-40-30  | 0 1 1 - 9 2 8 2 2 1 0 |
| 60 W   non DIM | 250-40-30  | 0 1 1 - 9 2 8 2 3 1 0 |
| 60 W   DALI-2  | 176-45-32  | 0 1 1 - 9 2 8 2 3 3 0 |
| 60 W   0-10V   | 176-45-32  | 0 1 1 - 9 2 8 2 3 2 0 |

### Light distributions



**INSET POWER** is the current consumption excluding any ballast  
**LUMINOUS FLUX** value calculated for CRI ≥ 95, medium lens, colour black



### Other accessories

#### CONNECTORS

| TYPE                          | L (mm) | ORDER CODE            |
|-------------------------------|--------|-----------------------|
| electrical flex connector     | 100    | 0 1 1 - 9 2 2 5 1 0 0 |
| electrical flex connector 90° | 30     | 0 1 1 - 9 2 2 5 2 0 0 |
| electrical linear connector   |        | 0 1 1 - 9 2 2 5 3 0 0 |

#### EXTENSION CABLE

| TYPE                  | L (mm) | ORDER CODE            |
|-----------------------|--------|-----------------------|
| 1×socket / 1×plug     | 1000   | 0 1 1 - 9 2 2 2 1 2 0 |
| 1×socket / 1×plug     | 2000   | 0 1 1 - 9 2 2 2 1 4 0 |
| 1×socket / 1×plug     | 4000   | 0 1 1 - 9 2 2 2 1 8 0 |
| 1×socket / 1×plug 90° | 1000   | 0 1 1 - 9 2 2 2 2 2 0 |
| 1×socket / 1×plug 90° | 2000   | 0 1 1 - 9 2 2 2 2 4 0 |
| 1×socket / 1×plug 90° | 4000   | 0 1 1 - 9 2 2 2 2 8 0 |

#### MOUNTING

| TYPE          | ORDER CODE            |
|---------------|-----------------------|
| mounting tool | 0 1 1 - 9 1 9 0 0 0 0 |



## FINA opal system

recessed / surface

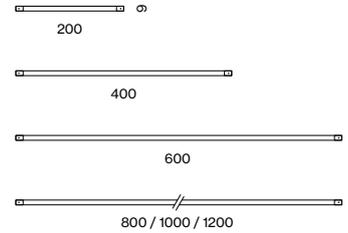
**EN** Miniature linear light inset made of aluminium; tubular design; optionally for recessed or surface mounting (available as an accessory); surface lacquered; plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available; 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

**DE** Miniatur-Linear-Lichteinsatz aus Aluminium; tubulare Bauform; wahlweise für Einbau- oder Anbaumontage (als Zubehör erhältlich); Oberfläche lackiert; durchkontaktiertes elektrisches Stecksystem für werkzeuglose Montage; unterschiedliche Verbinder für mechanische und elektrische Verbindung verfügbar; für flexiblen Systemaufbau; absolut homogen ausgeleuchtete, satinierte PMMA-Abdeckung; Lichteinsatz drehbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Konverter steckerfertig vorkonfektioniert; Konverter ist separat zu bestellen

### Quickinfo

3000 K, 4000 K  
 CRI ≥ 97 (R9 ≥ 90)  
 L85 @ 50000 h  
 up to 1090 lm/m  
 non DIM, DALI-2

### Types



### Colours



### Light distribution



opal



UL certified



plug & play



fine adjustment possible



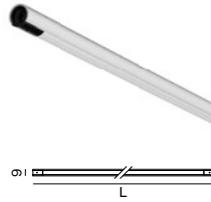
CRI ≥ 97  
 R9 ≥ 90

### Order options

| COLOUR TEMPERATURE |   |
|--------------------|---|
| 3000K              | 0 |
| 4000K              | 1 |

| MATERIAL COLOUR            |   |
|----------------------------|---|
| ● white aluminium RAL 9006 | 6 |
| ● black RAL 9021           | 8 |

| BEAM ANGLE |  |
|------------|--|
| opal       |  |



### FINA opal



#### INSET ROUND

| INS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE               |
|------------|--------------|-----------|--------|--------------------------|
| 3.6 W      | 3000 K       | 199lm     | 200    | 0 1 1 - 1 1 0 2 :: 1 □ ○ |
|            | 4000 K       | 218lm     |        |                          |
| 7.3 W      | 3000 K       | 398lm     | 400    | 0 1 1 - 1 1 0 3 :: 1 □ ○ |
|            | 4000 K       | 436lm     |        |                          |
| 11.6 W     | 3000 K       | 637lm     | 600    | 0 1 1 - 1 1 0 4 :: 1 □ ○ |
|            | 4000 K       | 698lm     |        |                          |
| 14.6 W     | 3000 K       | 797lm     | 800    | 0 1 1 - 1 1 0 5 :: 1 □ ○ |
|            | 4000 K       | 873lm     |        |                          |
| 18.2 W     | 3000 K       | 996lm     | 1000   | 0 1 1 - 1 1 0 6 :: 1 □ ○ |
|            | 4000 K       | 1090lm    |        |                          |
| 21.8 W     | 3000 K       | 1200lm    | 1200   | 0 1 1 - 1 1 0 7 :: 1 □ ○ |
|            | 4000 K       | 1310lm    |        |                          |

light inset incl. 1 electrical linear connector

### Mounting channels

see last page

### Electrical accessories

#### POWER SUPPLY 24 V EU 220-240 V AC, 50-60 Hz, □ PC II

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

| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 18 W   non DIM | 130-43-30  | 0 1 1 - 9 2 1 2 1 1 0 |
| 35 W   non DIM | 195-43-30  | 0 1 1 - 9 2 1 2 2 1 0 |
| 60 W   non DIM | 220-43-30  | 0 1 1 - 9 2 1 2 3 1 0 |
| 18 W   DALI-2  | 130-43-30  | 0 1 1 - 9 2 1 2 1 3 0 |
| 35 W   DALI-2  | 195-43-30  | 0 1 1 - 9 2 1 2 2 3 0 |
| 60 W   DALI-2  | 220-43-30  | 0 1 1 - 9 2 1 2 3 3 0 |

#### POWER SUPPLY 24 V UL 100-120 V AC, 50-60 Hz, □ PC II

incl. connection cable with plug 1m

| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 20 W   non DIM | 153-41-32  | 0 1 1 - 9 2 8 2 1 1 0 |
| 40 W   non DIM | 210-40-30  | 0 1 1 - 9 2 8 2 2 1 0 |
| 60 W   non DIM | 250-40-30  | 0 1 1 - 9 2 8 2 3 1 0 |
| 60 W   DALI-2  | 176-45-32  | 0 1 1 - 9 2 8 2 3 3 0 |
| 60 W   0-10V   | 176-45-32  | 0 1 1 - 9 2 8 2 3 2 0 |

### Other accessories

#### CONNECTORS

| TYPE                          | L (mm) | ORDER CODE            |
|-------------------------------|--------|-----------------------|
| electrical flex connector     | 100    | 0 1 1 - 9 2 2 5 1 0 0 |
| electrical flex connector 90° | 30     | 0 1 1 - 9 2 2 5 2 0 0 |
| electrical linear connector   |        | 0 1 1 - 9 2 2 5 3 0 0 |

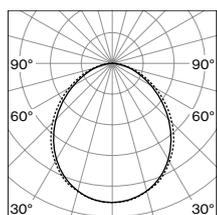
#### EXTENSION CABLE

| TYPE                  | L (mm) | ORDER CODE            |
|-----------------------|--------|-----------------------|
| 1×socket / 1×plug     | 1000   | 0 1 1 - 9 2 2 2 1 2 0 |
| 1×socket / 1×plug     | 2000   | 0 1 1 - 9 2 2 2 1 4 0 |
| 1×socket / 1×plug     | 4000   | 0 1 1 - 9 2 2 2 1 8 0 |
| 1×socket / 1×plug 90° | 1000   | 0 1 1 - 9 2 2 2 2 2 0 |
| 1×socket / 1×plug 90° | 2000   | 0 1 1 - 9 2 2 2 2 4 0 |
| 1×socket / 1×plug 90° | 4000   | 0 1 1 - 9 2 2 2 2 8 0 |

#### MOUNTING

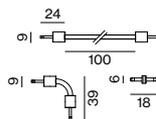
| TYPE          | ORDER CODE            |
|---------------|-----------------------|
| mounting tool | 0 1 1 - 9 1 9 0 0 0 0 |

### Light distribution



opal

**INSET POWER** is the current consumption excluding any ballast  
**LUMINOUS FLUX** value calculated for CRI≥97, colour black





## FINA lead system

recessed / surface

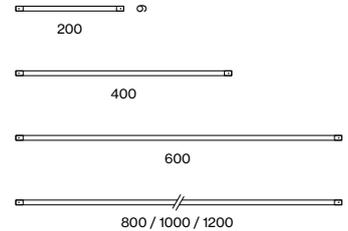
**EN** Miniature linear light inset made of aluminium; tubular design; optionally for recessed or surface mounting (available as an accessory); surface lacquered; plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available; for flexible system design; with specially computed foil for asymmetrical light distribution; light inset rotatable; energy-efficient LEDs with very good colour rendering; converter plug and play; converter separately available

**DE** Miniatur-Linear-Lichteinsatz aus Aluminium; tubulare Bauform; wahlweise für Einbau- oder Anbaumontage (als Zubehör erhältlich); Oberfläche lackiert; durchkontaktiertes elektrisches Stecksystem für werkzeuglose Montage; unterschiedliche Verbinder für mechanische und elektrische Verbindung verfügbar; für flexiblen Systemaufbau; mit speziell berechneter Folie zur asymmetrischen Lichtverteilung; Lichteinsatz drehbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Konverter steckerfertig vorkonfektioniert; Konverter ist separat zu bestellen

### Quickinfo

3000 K, 4000 K  
 CRI ≥ 97 (R9 ≥ 90)  
 L85 @ 50000 h  
 up to 1250 lm/m  
 non DIM, DALI-2

### Types



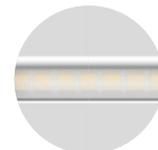
### Colours



### Light distribution



UL certified



light-directing foil (lead optic)



plug & play



fine adjustment possible



CRI ≥ 97  
 R9 ≥ 90

### Order options

| COLOUR TEMPERATURE |   |
|--------------------|---|
| 3000K              | 0 |
| 4000K              | 1 |

| MATERIAL COLOUR            |   |
|----------------------------|---|
| ● white aluminium RAL 9006 | 6 |
| ● black RAL 9021           | 8 |

| BEAM ANGLE      |
|-----------------|
| lead asymmetric |



### FINA lead



#### INSET ROUND

| INS. POWER | CALAU TEMP. | LUM. FLUX | L (mm) | ORDER CODE             |
|------------|-------------|-----------|--------|------------------------|
| 3.6 W      | 3000 K      | 228 lm    | 200    | 0 1 1 - 1 1 0 2 :: 1 A |
|            | 4000 K      | 250 lm    |        |                        |
| 7.3 W      | 3000 K      | 456 lm    | 400    | 0 1 1 - 1 1 0 3 :: 1 A |
|            | 4000 K      | 500 lm    |        |                        |
| 11.6 W     | 3000 K      | 730 lm    | 600    | 0 1 1 - 1 1 0 4 :: 1 A |
|            | 4000 K      | 800 lm    |        |                        |
| 14.6 W     | 3000 K      | 913 lm    | 800    | 0 1 1 - 1 1 0 5 :: 1 A |
|            | 4000 K      | 1000 lm   |        |                        |
| 18.2 W     | 3000 K      | 1140 lm   | 1000   | 0 1 1 - 1 1 0 6 :: 1 A |
|            | 4000 K      | 1250 lm   |        |                        |
| 21.8 W     | 3000 K      | 1370 lm   | 1200   | 0 1 1 - 1 1 0 7 :: 1 A |
|            | 4000 K      | 1500 lm   |        |                        |

light inset incl. 1 electrical linear connector

### Mounting channels

see last page

### Electrical accessories

#### POWER SUPPLY 24 V EU 220-240 V AC, 50-60 Hz, □ PC II

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

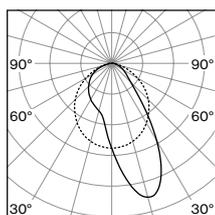
| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 18 W   non DIM | 130-43-30  | 0 1 1 - 9 2 1 2 1 1 0 |
| 35 W   non DIM | 195-43-30  | 0 1 1 - 9 2 1 2 2 1 0 |
| 60 W   non DIM | 220-43-30  | 0 1 1 - 9 2 1 2 3 1 0 |
| 18 W   DALI-2  | 130-43-30  | 0 1 1 - 9 2 1 2 1 3 0 |
| 35 W   DALI-2  | 195-43-30  | 0 1 1 - 9 2 1 2 2 3 0 |
| 60 W   DALI-2  | 220-43-30  | 0 1 1 - 9 2 1 2 3 3 0 |

#### POWER SUPPLY 24 V UL 100-120 V AC, 50-60 Hz, □ PC II

incl. connection cable with plug 1m

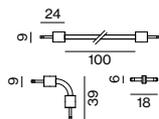
| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 20 W   non DIM | 153-41-32  | 0 1 1 - 9 2 8 2 1 1 0 |
| 40 W   non DIM | 210-40-30  | 0 1 1 - 9 2 8 2 2 1 0 |
| 60 W   non DIM | 250-40-30  | 0 1 1 - 9 2 8 2 3 1 0 |
| 60 W   DALI-2  | 176-45-32  | 0 1 1 - 9 2 8 2 3 3 0 |
| 60 W   0-10V   | 176-45-32  | 0 1 1 - 9 2 8 2 3 2 0 |

### Light distribution



lead asymmetric

**INSET POWER** is the current consumption excluding any ballast  
**LUMINOUS FLUX** value calculated for CRI ≥ 97, colour black



### Other accessories

#### CONNECTORS

| TYPE                          | L (mm) | ORDER CODE            |
|-------------------------------|--------|-----------------------|
| electrical flex connector     | 100    | 0 1 1 - 9 2 2 5 1 0 0 |
| electrical flex connector 90° | 30     | 0 1 1 - 9 2 2 5 2 0 0 |
| electrical linear connector   |        | 0 1 1 - 9 2 2 5 3 0 0 |

#### EXTENSION CABLE

| TYPE                    | L (mm) | ORDER CODE            |
|-------------------------|--------|-----------------------|
| 1× socket / 1× plug     | 1000   | 0 1 1 - 9 2 2 2 1 2 0 |
| 1× socket / 1× plug     | 2000   | 0 1 1 - 9 2 2 2 1 4 0 |
| 1× socket / 1× plug     | 4000   | 0 1 1 - 9 2 2 2 1 8 0 |
| 1× socket / 1× plug 90° | 1000   | 0 1 1 - 9 2 2 2 2 2 0 |
| 1× socket / 1× plug 90° | 2000   | 0 1 1 - 9 2 2 2 2 4 0 |
| 1× socket / 1× plug 90° | 4000   | 0 1 1 - 9 2 2 2 2 8 0 |

#### MOUNTING

| TYPE          | ORDER CODE            |
|---------------|-----------------------|
| mounting tool | 0 1 1 - 9 1 9 0 0 0 0 |



## FINA stadio system

recessed

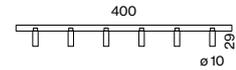
**EN** Miniature linear light inset made of aluminium; tubular design; optionally for recessed or surface mounting (available as an accessory); surface lacquered; plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available; for flexible system design; equipped with miniature spotlight heads; spotlight heads rotatable and tiltable; high quality lens system; precise radiation characteristics with different beam angles; light inset rotatable; energy-efficient LEDs with very good colour rendering; converter plug and play; converter separately available

**DE** Miniatur-Linear-Lichteinsatz aus Aluminium; tubulare Bauform; wahlweise für Einbau- oder Anbaumontage (als Zubehör erhältlich); Oberfläche lackiert; durchkontaktiertes elektrisches Stecksystem für werkzeuglose Montage; unterschiedliche Verbinder für mechanische und elektrische Verbindung verfügbar; für flexiblen Systemaufbau; bestückt mit Miniatur-Strahlerköpfen; Strahlerköpfe dreh- und schwenkbar; hochwertige Linsensystem; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; Lichteinsatz drehbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Konverter steckerfertig vorkonfektioniert; Konverter ist separat zu bestellen

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  95 (R9  $\geq$  90)  
 L85 @ 50000 h  
 up to 60 lm per spot  
 non DIM, DALI-2

### Types



### Colours



### Light distributions



UL certified



360° rotatable  
 90° tiltable



easy  
 exchangeable



plug & play



CRI  $\geq$  95  
 R9  $\geq$  90

### Order options

| COLOUR TEMPERATURE |   |
|--------------------|---|
| 3000K              | 0 |
| 4000K              | 1 |

| MATERIAL COLOUR            |   |
|----------------------------|---|
| ● white aluminium RAL 9006 | 6 |
| ● black RAL 9021           | 8 |

| BEAM ANGLE |   |
|------------|---|
| spot 18°   | S |
| medium 30° | M |
| flood 39°  | F |



### FINA studio 10



#### INSET ROUND

| INS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE               |
|------------|--------------|-----------|--------|--------------------------|
| 4.7 W      | 3000 K       | 6 × 55lm  | 400    | 0 1 1 - 2 1 0 3 :: 1 ▣ ▲ |
| 5 W        | 4000 K       | 6 × 60lm  |        |                          |

light inset incl. 1 electrical linear connector

### Mounting channels

see last page

### Electrical accessories

#### POWER SUPPLY 24V EU 220-240V AC, 50-60Hz, □ PC II

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

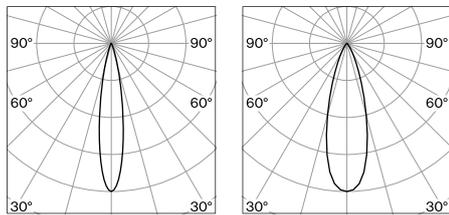
| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 18 W   non DIM | 130-43-30  | 0 1 1 - 9 2 1 2 1 1 0 |
| 35 W   non DIM | 195-43-30  | 0 1 1 - 9 2 1 2 2 1 0 |
| 60 W   non DIM | 220-43-30  | 0 1 1 - 9 2 1 2 3 1 0 |
| 18 W   DALI-2  | 130-43-30  | 0 1 1 - 9 2 1 2 1 3 0 |
| 35 W   DALI-2  | 195-43-30  | 0 1 1 - 9 2 1 2 2 3 0 |
| 60 W   DALI-2  | 220-43-30  | 0 1 1 - 9 2 1 2 3 3 0 |

#### POWER SUPPLY 24V UL 100-120V AC, 50-60 Hz, □ PC II

incl. connection cable with plug 1m

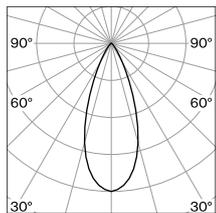
| TYPE           | L-W-H (mm) | ORDER CODE            |
|----------------|------------|-----------------------|
| 20 W   non DIM | 153-41-32  | 0 1 1 - 9 2 8 2 1 1 0 |
| 40 W   non DIM | 210-40-30  | 0 1 1 - 9 2 8 2 2 1 0 |
| 60 W   non DIM | 250-40-30  | 0 1 1 - 9 2 8 2 3 1 0 |
| 60 W   DALI-2  | 176-45-32  | 0 1 1 - 9 2 8 2 3 3 0 |
| 60 W   0-10V   | 176-45-32  | 0 1 1 - 9 2 8 2 3 2 0 |

### Light distributions



spot 18°

medium 30°



flood 39°



### Other accessories

| TYPE                          | L (mm) | ORDER CODE            |
|-------------------------------|--------|-----------------------|
| electrical flex connector     | 100    | 0 1 1 - 9 2 2 5 1 0 0 |
| electrical flex connector 90° | 30     | 0 1 1 - 9 2 2 5 2 0 0 |
| electrical linear connector   |        | 0 1 1 - 9 2 2 5 3 0 0 |

#### EXTENSION CABLE

| TYPE                      | L (mm) | ORDER CODE            |
|---------------------------|--------|-----------------------|
| 1 × socket / 1 × plug     | 1000   | 0 1 1 - 9 2 2 2 1 2 0 |
| 1 × socket / 1 × plug     | 2000   | 0 1 1 - 9 2 2 2 1 4 0 |
| 1 × socket / 1 × plug     | 4000   | 0 1 1 - 9 2 2 2 1 8 0 |
| 1 × socket / 1 × plug 90° | 1000   | 0 1 1 - 9 2 2 2 2 2 0 |
| 1 × socket / 1 × plug 90° | 2000   | 0 1 1 - 9 2 2 2 2 4 0 |
| 1 × socket / 1 × plug 90° | 4000   | 0 1 1 - 9 2 2 2 2 8 0 |

#### MOUNTING

| TYPE          | ORDER CODE            |
|---------------|-----------------------|
| mounting tool | 0 1 1 - 9 1 9 0 0 0 0 |

**INSET POWER** is the current consumption excluding any ballast  
**LUMINOUS FLUX** value calculated for CRI ≥ 95, medium lens, colour black

# 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.

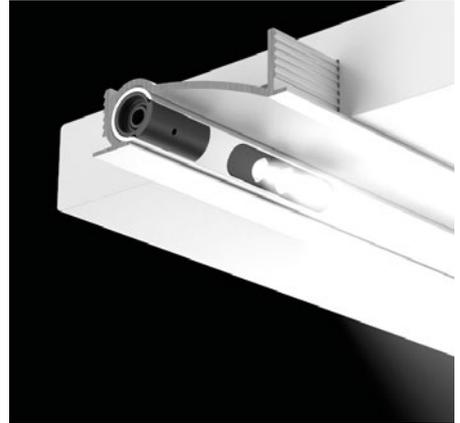
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 90° auf das untere Fach.



## 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.

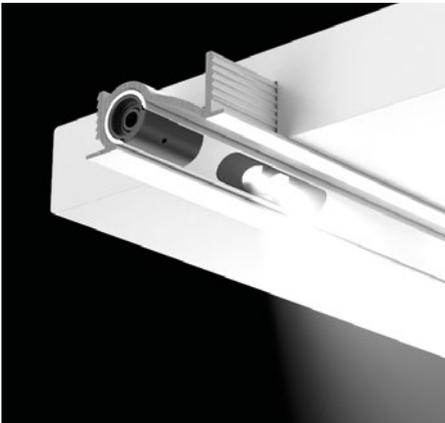
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Die Anti Glare Blendlippe ermöglicht blendfreies Licht in Vitrinen in Augenhöhe des Betrachters und ist ideal für Anwendungen mit einer Ausstrahlrichtung von 90° auf das untere Fach.



## 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.

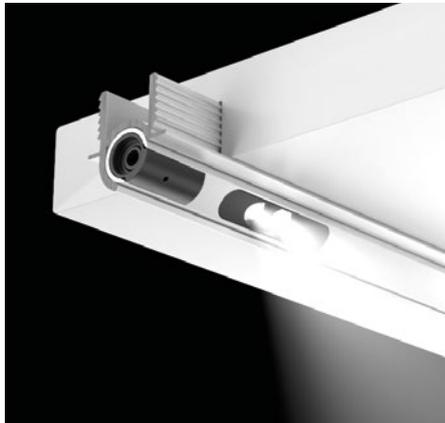
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 60° auf das untere Fach sowie von Fachnischen mit gleicher Fachhöhe und -tiefe.



## 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.



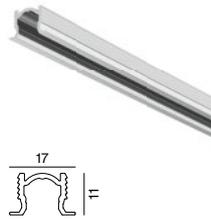
## Mounting clip 90/60/45 surface

**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.

### Order options

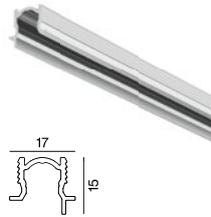
| MATERIAL COLOUR            |   |
|----------------------------|---|
| ● white aluminium RAL 9006 | 6 |
| ● black RAL 9021           | 8 |



### Mounting channels

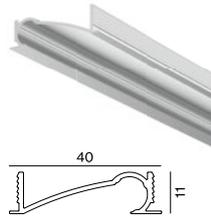
#### CHANNEL 90

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



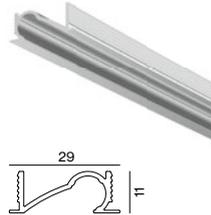
#### CHANNEL 90 ANTI-GLARE

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



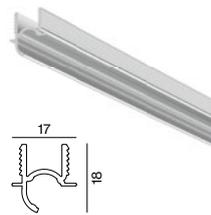
#### CHANNEL 60

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



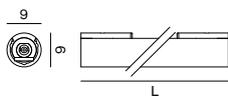
#### CHANNEL 45

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



#### CHANNEL 45 JUT-OUT

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

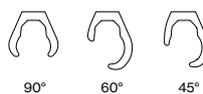


### Accessories

#### BLIND INSETS

| L (mm) | ORDER CODE |
|--------|------------|
| 200    | 011-910920 |
| 400    | 011-910930 |
| 600    | 011-910940 |
| 800    | 011-910950 |
| 1000   | 011-910960 |
| 1200   | 011-910970 |

#### MOUNTING CLIP



| TYPE            | ORDER CODE  |
|-----------------|-------------|
| clip 90 surface | 011-9100008 |
| clip 60 surface | 011-9102008 |
| clip 45 surface | 011-9103008 |