



## FINA lead

system

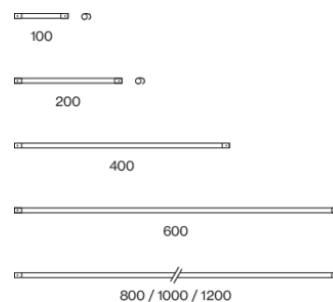
<sup>EN</sup> Miniature linear light inset made of aluminium; tubular design; optionally for recessed or surface mounting (available as an accessory); surface lacquered; plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available;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

<sup>FR</sup> Insert d'éclairage linéaire miniature en aluminium ; forme tubulaire ; au choix pour montage encastré ou apparent (disponible comme accessoire) ; surface laquée ; système de branchement électrique par trous métallisés pour montage sans outil ; différents connecteurs au choix pour raccordement mécanique et électrique ; pour structure de système flexible ; avec un film spécialement calculé pour une répartition asymétrique de la lumière ; insert d'éclairage rotatif ; LED économes en énergie à restitution de couleur élevée ; convertisseur préassemblé prêt à brancher ; convertisseur à commander séparément

### Quickinfo

3000 K, 3500 K, 4000 K  
CRI  $\geq 97$  / 3 SDCM (initial MacAdam)  
jusqu'à 1440 lm/m  
jusqu'à 91 lm/W  
L85 / 50000 h  
sans driver  
IP20

### Types



### Colours



### Répartition de la lumière



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



plug & play



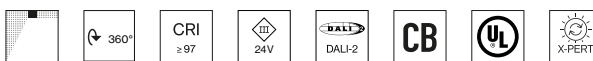
light-directing foil



fine adjustments possible



## FINA lead system



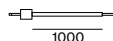
### ASYMMETRIC CRI ≥ 97, excl. driver



| FIXTURE | LENGTH  | LUM. FLUX | ORDER CODE                                                   |
|---------|---------|-----------|--------------------------------------------------------------|
| 1.5 W   | 100 mm  | 96 lm     | 0 1 1 - 1 1 0 1 :: 1 <input checked="" type="checkbox"/> A   |
| 2.0 W   | 135 mm  | 138 lm    | 0 1 1 - 1 1 9 A C :: 1 <input checked="" type="checkbox"/> A |
| 2.7 W   | 170 mm  | 185 lm    | 0 1 1 - 1 1 9 A D :: 1 <input checked="" type="checkbox"/> A |
| 3.3 W   | 205 mm  | 231 lm    | 0 1 1 - 1 1 9 A E :: 1 <input checked="" type="checkbox"/> A |
| 3.6 W   | 200 mm  | 250 lm    | 0 1 1 - 1 1 0 2 :: 1 <input checked="" type="checkbox"/> A   |
| 4.0 W   | 240 mm  | 277 lm    | 0 1 1 - 1 1 9 A F :: 1 <input checked="" type="checkbox"/> A |
| 4.7 W   | 275 mm  | 323 lm    | 0 1 1 - 1 1 9 A G :: 1 <input checked="" type="checkbox"/> A |
| 5.4 W   | 310 mm  | 369 lm    | 0 1 1 - 1 1 9 A H :: 1 <input checked="" type="checkbox"/> A |
| 6.0 W   | 345 mm  | 415 lm    | 0 1 1 - 1 1 9 A I :: 1 <input checked="" type="checkbox"/> A |
| 6.7 W   | 380 mm  | 461 lm    | 0 1 1 - 1 1 9 A J :: 1 <input checked="" type="checkbox"/> A |
| 7.3 W   | 400 mm  | 500 lm    | 0 1 1 - 1 1 0 3 :: 1 <input checked="" type="checkbox"/> A   |
| 7.4 W   | 415 mm  | 508 lm    | 0 1 1 - 1 1 9 A K :: 1 <input checked="" type="checkbox"/> A |
| 8.0 W   | 450 mm  | 554 lm    | 0 1 1 - 1 1 9 A L :: 1 <input checked="" type="checkbox"/> A |
| 8.7 W   | 485 mm  | 600 lm    | 0 1 1 - 1 1 9 A M :: 1 <input checked="" type="checkbox"/> A |
| 9.4 W   | 520 mm  | 646 lm    | 0 1 1 - 1 1 9 A N :: 1 <input checked="" type="checkbox"/> A |
| 10.0 W  | 555 mm  | 692 lm    | 0 1 1 - 1 1 9 A O :: 1 <input checked="" type="checkbox"/> A |
| 10.7 W  | 590 mm  | 738 lm    | 0 1 1 - 1 1 9 A P :: 1 <input checked="" type="checkbox"/> A |
| 11.4 W  | 625 mm  | 784 lm    | 0 1 1 - 1 1 9 A Q :: 1 <input checked="" type="checkbox"/> A |
| 11.6 W  | 600 mm  | 800 lm    | 0 1 1 - 1 1 0 4 :: 1 <input checked="" type="checkbox"/> A   |
| 12.0 W  | 660 mm  | 831 lm    | 0 1 1 - 1 1 9 A R :: 1 <input checked="" type="checkbox"/> A |
| 12.7 W  | 695 mm  | 877 lm    | 0 1 1 - 1 1 9 A S :: 1 <input checked="" type="checkbox"/> A |
| 13.4 W  | 730 mm  | 923 lm    | 0 1 1 - 1 1 9 A T :: 1 <input checked="" type="checkbox"/> A |
| 14.0 W  | 765 mm  | 969 lm    | 0 1 1 - 1 1 9 A U :: 1 <input checked="" type="checkbox"/> A |
| 14.6 W  | 800 mm  | 1000 lm   | 0 1 1 - 1 1 0 5 :: 1 <input checked="" type="checkbox"/> A   |
| 15.4 W  | 835 mm  | 1060 lm   | 0 1 1 - 1 1 9 A W :: 1 <input checked="" type="checkbox"/> A |
| 16.1 W  | 870 mm  | 1110 lm   | 0 1 1 - 1 1 9 A X :: 1 <input checked="" type="checkbox"/> A |
| 16.7 W  | 905 mm  | 1150 lm   | 0 1 1 - 1 1 9 A Y :: 1 <input checked="" type="checkbox"/> A |
| 17.4 W  | 940 mm  | 1200 lm   | 0 1 1 - 1 1 9 A Z :: 1 <input checked="" type="checkbox"/> A |
| 18.1 W  | 975 mm  | 1250 lm   | 0 1 1 - 1 1 9 B A :: 1 <input checked="" type="checkbox"/> A |
| 18.2 W  | 1000 mm | 1250 lm   | 0 1 1 - 1 1 0 6 :: 1 <input checked="" type="checkbox"/> A   |
| 18.7 W  | 1010 mm | 1290 lm   | 0 1 1 - 1 1 9 B B :: 1 <input checked="" type="checkbox"/> A |
| 19.4 W  | 1045 mm | 1340 lm   | 0 1 1 - 1 1 9 B C :: 1 <input checked="" type="checkbox"/> A |
| 20.1 W  | 1080 mm | 1380 lm   | 0 1 1 - 1 1 9 B D :: 1 <input checked="" type="checkbox"/> A |
| 20.7 W  | 1115 mm | 1430 lm   | 0 1 1 - 1 1 9 B E :: 1 <input checked="" type="checkbox"/> A |
| 21.4 W  | 1150 mm | 1480 lm   | 0 1 1 - 1 1 9 B F :: 1 <input checked="" type="checkbox"/> A |
| 21.8 W  | 1200 mm | 1500 lm   | 0 1 1 - 1 1 0 7 :: 1 <input checked="" type="checkbox"/> A   |

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

## Electrical mounting accessories

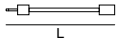


### CONNECTION CABLE

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

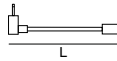
### Order options

| COLOUR TEMPERATURE | :: | COLOUR                   | <input checked="" type="checkbox"/> |
|--------------------|----|--------------------------|-------------------------------------|
| 3000 K             | 0  | white aluminium RAL 9006 | 6                                   |
| 4000 K             | 1  | tar black RAL 9021       | 8                                   |
| 3500 K             | 2  |                          |                                     |



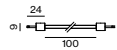
EXTENSION CABLE 1 × socket / 1 × plug, 350 mA

| feeder length | ORDER CODE            |
|---------------|-----------------------|
| 1000 mm       | 0 1 1 - 9 2 2 2 1 2 0 |
| 2000 mm       | 0 1 1 - 9 2 2 2 1 4 0 |
| 4000 mm       | 0 1 1 - 9 2 2 2 1 8 0 |



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

| feeder length | ORDER CODE            |
|---------------|-----------------------|
| 1000 mm       | 0 1 1 - 9 2 2 2 2 2 0 |
| 2000 mm       | 0 1 1 - 9 2 2 2 2 4 0 |
| 4000 mm       | 0 1 1 - 9 2 2 2 2 8 0 |



FLEX CONNECTOR electrical

| L-W (mm) | ORDER CODE            |
|----------|-----------------------|
| 100-9    | 0 1 1 - 9 2 2 5 1 0 0 |

FLEX CONNECTOR 0-83° electrical

| L-W (mm) | ORDER CODE            |
|----------|-----------------------|
| 33-6     | 0 1 1 - 9 2 2 5 4 0 0 |



FLEX CONNECTOR 90° electrical

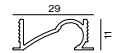
| L-W-H (mm) | ORDER CODE            |
|------------|-----------------------|
| 39-39-9    | 0 1 1 - 9 2 2 5 2 0 0 |



LINEAR CONNECTOR electrical

| L-W (mm) | ORDER CODE            |
|----------|-----------------------|
| 18-6     | 0 1 1 - 9 2 2 5 3 0 0 |

Mounting accessories



MOUNTING CHANNEL 45

| L-W-H (mm)       | ORDER CODE                                              |
|------------------|---------------------------------------------------------|
| 230-29-11        | 0 1 1 - 9 1 0 3 2 0 <input checked="" type="checkbox"/> |
| 430-29-11        | 0 1 1 - 9 1 0 3 3 0 <input checked="" type="checkbox"/> |
| 630-29-11        | 0 1 1 - 9 1 0 3 4 0 <input checked="" type="checkbox"/> |
| 830-29-11        | 0 1 1 - 9 1 0 3 5 0 <input checked="" type="checkbox"/> |
| 1030-29-11       | 0 1 1 - 9 1 0 3 6 0 <input checked="" type="checkbox"/> |
| 1230-29-11       | 0 1 1 - 9 1 0 3 7 0 <input checked="" type="checkbox"/> |
| custom cut-29-11 | E 8 4 8 3 0 . . . <input checked="" type="checkbox"/>   |

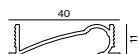


MOUNTING CHANNEL 45 JUT-OUT

| L-W-H (mm)       | ORDER CODE                                              |
|------------------|---------------------------------------------------------|
| 230-17-18        | 0 1 1 - 9 1 0 4 2 0 <input checked="" type="checkbox"/> |
| 430-17-18        | 0 1 1 - 9 1 0 4 3 0 <input checked="" type="checkbox"/> |
| 630-17-18        | 0 1 1 - 9 1 0 4 4 0 <input checked="" type="checkbox"/> |
| 830-17-18        | 0 1 1 - 9 1 0 4 5 0 <input checked="" type="checkbox"/> |
| 1030-17-18       | 0 1 1 - 9 1 0 4 6 0 <input checked="" type="checkbox"/> |
| 1230-17-18       | 0 1 1 - 9 1 0 4 7 0 <input checked="" type="checkbox"/> |
| custom cut-17-18 | E 8 4 8 4 0 . . . <input checked="" type="checkbox"/>   |

Order options

| COLOUR                   | <input checked="" type="checkbox"/> |
|--------------------------|-------------------------------------|
| white aluminium RAL 9006 | 6                                   |
| tar black RAL 9021       | 8                                   |

**MOUNTING CHANNEL 60****L-W-H (mm)**

230-40-11

430-40-11

630-40-11

830-40-11

1030-40-11

1230-40-11

custom cut-40-11

**ORDER CODE**0 1 1 - 9 1 0 2 2 0 ☒0 1 1 - 9 1 0 2 3 0 ☒0 1 1 - 9 1 0 2 4 0 ☒0 1 1 - 9 1 0 2 5 0 ☒0 1 1 - 9 1 0 2 6 0 ☒0 1 1 - 9 1 0 2 7 0 ☒E 8 4 8 2 0 . . . . ☒**MOUNTING CHANNEL 90****L-W-H (mm)**

230-17-11

430-17-11

630-17-11

830-17-11

1030-17-11

1230-17-11

custom cut-17-11

**ORDER CODE**0 1 1 - 9 1 0 0 2 0 ☒0 1 1 - 9 1 0 0 3 0 ☒0 1 1 - 9 1 0 0 4 0 ☒0 1 1 - 9 1 0 0 5 0 ☒0 1 1 - 9 1 0 0 6 0 ☒0 1 1 - 9 1 0 0 7 0 ☒E 8 4 8 0 0 . . . . ☒**MOUNTING CHANNEL 90 ANTI-GLARE****L-W-H (mm)**

230-17-15

430-17-15

630-17-15

830-17-15

1030-17-15

1230-17-15

custom cut-17-15

**ORDER CODE**0 1 1 - 9 1 0 1 2 0 ☒0 1 1 - 9 1 0 1 3 0 ☒0 1 1 - 9 1 0 1 4 0 ☒0 1 1 - 9 1 0 1 5 0 ☒0 1 1 - 9 1 0 1 6 0 ☒0 1 1 - 9 1 0 1 7 0 ☒E 8 4 8 1 0 . . . . ☒**MOUNTING CLIP 45 surface****COLOUR**

tar black

**ORDER CODE**

0 1 1 - 9 1 0 3 0 0 8

**MOUNTING CLIP 60 surface****COLOUR**

tar black

**ORDER CODE**

0 1 1 - 9 1 0 2 0 0 8

**MOUNTING CLIP 90 surface****COLOUR**

tar black

**ORDER CODE**

0 1 1 - 9 1 0 0 0 0 8

**Mounting tools accessories****MOUNTING TOOL****TYPE**

for inset adjustment

**ORDER CODE**

0 1 1 - 9 1 9 0 0 0 0

**Order options****COLOUR**

white aluminium RAL 9006

tar black RAL 9021



6

8

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 |
| 100 W   non DIM | 198-264 V AC  | η 92 %     | 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 2 m + connection cable with plug 1 m

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 |

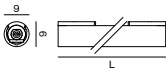
POWER SUPPLY 24V UL incl. metalbox non DIM, 100-305 V AC, PC2

| TYPE | EFFICIENCY | L-W-H (mm) | ORDER CODE            |
|------|------------|------------|-----------------------|
| 25 W | η 88 %     | 196-68-45  | 0 1 1 - 9 2 9 2 1 1 0 |
| 40 W | η 88 %     | 196-68-45  | 0 1 1 - 9 2 9 2 2 1 0 |
| 60 W | η 87 %     | 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



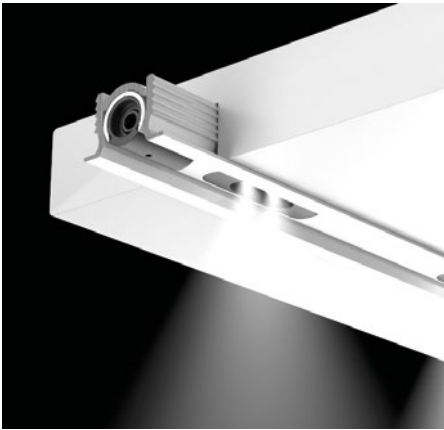
BLIND INSET

| L-W-H (mm) | ORDER CODE                                              |
|------------|---------------------------------------------------------|
| 200-9-6    | 0 1 1 - 9 1 0 9 2 0 <input checked="" type="checkbox"/> |
| 400-9-6    | 0 1 1 - 9 1 0 9 3 0 <input checked="" type="checkbox"/> |
| 600-9-6    | 0 1 1 - 9 1 0 9 4 0 <input checked="" type="checkbox"/> |
| 800-9-6    | 0 1 1 - 9 1 0 9 5 0 <input checked="" type="checkbox"/> |
| 1000-9-6   | 0 1 1 - 9 1 0 9 6 0 <input checked="" type="checkbox"/> |
| 1200-9-6   | 0 1 1 - 9 1 0 9 7 0 <input checked="" type="checkbox"/> |
| 100-9-6    | 0 1 1 - 9 1 0 9 1 0 <input checked="" type="checkbox"/> |
| 50-9-6     | 0 1 1 - 9 1 0 9 0 0 <input checked="" type="checkbox"/> |

Order options

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

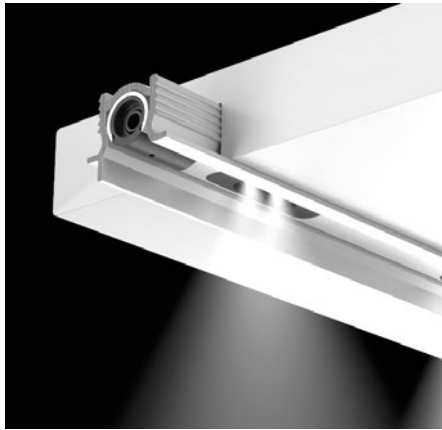
# Channel overview



## 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.

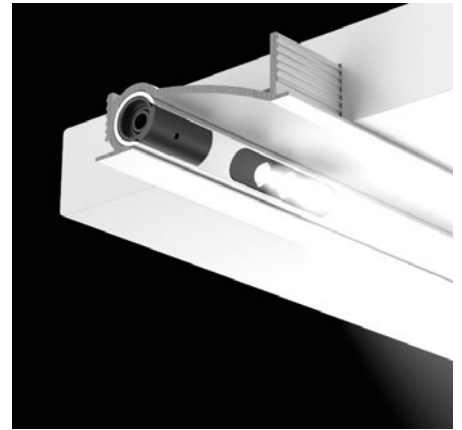
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 90° auf das untere Fach.



## 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.

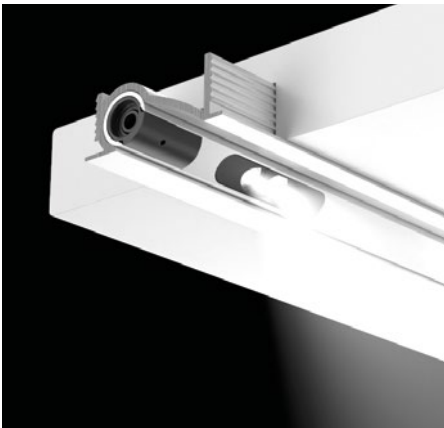
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Die Anti Glare Blendlippe ermöglicht blendfreies Licht in Vitrinen in Augenhöhe des Betrachters und ist ideal für Anwendungen mit einer Ausstrahlrichtung von 90° auf das untere Fach.



## 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.

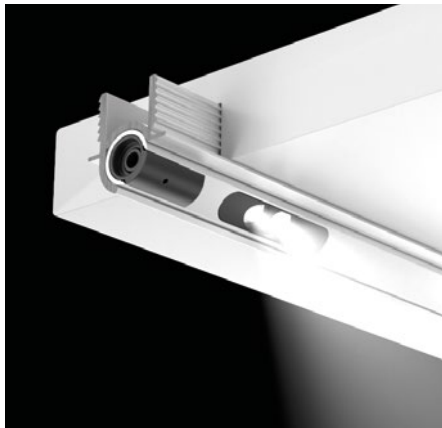
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 60° auf das untere Fach sowie von Fachnischen mit gleicher Fachhöhe und -tiefe.



## 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.

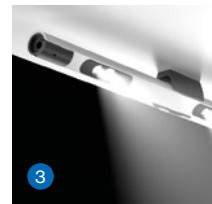
**DE** Der Montagekanal für FINA-Module bietet eine elegante Lösung für den Einbau. Ideal für Anwendungen mit einer Ausstrahlrichtung von 45° auf das Fach untere sowie von Fachnischen mit geringer Höhe. Das Verhältnis der Fachhöhe zur -tiefe ist 1:2.



## 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.