

instalight 4020 LS ASYM

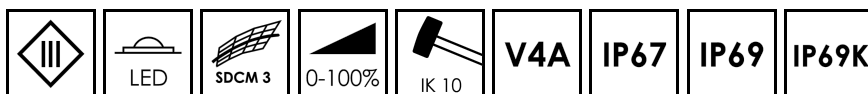
## Asymmetrical light insert encapsulated



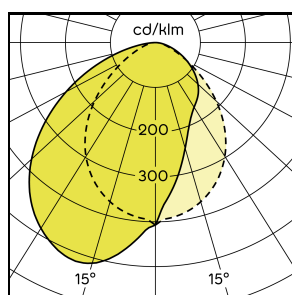
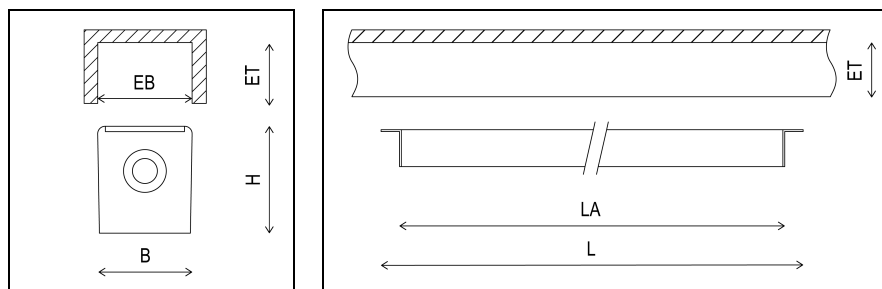
The universal light insert, made of V4A stainless steel with an asymmetrical light distribution, allows highly-efficient illumination of traffic areas. The completely encapsulated LED light element can be integrated almost invisibly into handrail.

### Main Features

- > Asymmetrical beam characteristic for more consistency over a defined area
- > Minimally visible housing parts make the luminaire inconspicuous in daylight
- > Weatherproof and UV-resistant materials guarantee color stability for the entire service life
- > V4A stainless-steel housing for durable operation in an extreme environment
- > Maintenance-free and safe from vandalism thanks to impact-resistant full grouting
- > IP69: According to ISO 20653 (standard including cleaning with high-pressure hot vapour cleaner)
- > IP69K: According to EN DIN 40050-9 (standard including cleaning with high-pressure hot vapour cleaner)
- > Project-related special lengths on request



# Product Variations



70° X 90°

|                             | P      | Max. lumin. flux | Light colour | Length (L) | Connection mode   | Weight  |
|-----------------------------|--------|------------------|--------------|------------|-------------------|---------|
| il 4020 LS 0350 827X ASYM L | 5.4 W  | 540 lm           | 2700 K       | 380 mm     | Input cable left  | 0.56 kg |
| il 4020 LS 0350 827X ASYM R | 5.4 W  | 540 lm           | 2700 K       | 380 mm     | Input cable right | 0.56 kg |
| il 4020 LS 0350 840X ASYM L | 5.4 W  | 540 lm           | 4000 K       | 380 mm     | Input cable left  | 0.56 kg |
| il 4020 LS 0350 840X ASYM R | 5.4 W  | 540 lm           | 4000 K       | 380 mm     | Input cable right | 0.56 kg |
| il 4020 LS 0350 830X ASYM R | 5.4 W  | 540 lm           | 3000 K       | 380 mm     | Input cable right | 0.56 kg |
| il 4020 LS 0350 830X ASYM L | 5.4 W  | 540 lm           | 3000 K       | 380 mm     | Input cable left  | 0.56 kg |
| il 4020 LS 0680 840X ASYM R | 10.8 W | 1080 lm          | 4000 K       | 710 mm     | Input cable right | 1.08 kg |
| il 4020 LS 0680 840X ASYM L | 10.8 W | 1080 lm          | 4000 K       | 710 mm     | Input cable left  | 1.08 kg |
| il 4020 LS 0680 827X ASYM L | 10.8 W | 1080 lm          | 2700 K       | 710 mm     | Input cable left  | 1.08 kg |
| il 4020 LS 0680 827X ASYM R | 10.8 W | 1080 lm          | 2700 K       | 710 mm     | Input cable right | 1.08 kg |
| il 4020 LS 0680 830X ASYM L | 10.8 W | 1080 lm          | 3000 K       | 710 mm     | Input cable left  | 1.08 kg |
| il 4020 LS 0680 830X ASYM R | 10.8 W | 1080 lm          | 3000 K       | 710 mm     | Input cable right | 1.08 kg |
| il 4020 LS 1005 840X ASYM R | 16 W   | 1620 lm          | 4000 K       | 1035 mm    | Input cable right | 1.6 kg  |
| il 4020 LS 1005 840X ASYM L | 16 W   | 1620 lm          | 4000 K       | 1035 mm    | Input cable left  | 1.6 kg  |
| il 4020 LS 1005 827X ASYM L | 16 W   | 1620 lm          | 2700 K       | 1035 mm    | Input cable left  | 1.6 kg  |
| il 4020 LS 1005 827X ASYM R | 16 W   | 1620 lm          | 2700 K       | 1035 mm    | Input cable right | 1.6 kg  |
| il 4020 LS 1005 830X ASYM R | 16 W   | 1620 lm          | 3000 K       | 1035 mm    | Input cable right | 1.6 kg  |
| il 4020 LS 1005 830X ASYM L | 16 W   | 1620 lm          | 3000 K       | 1035 mm    | Input cable left  | 1.6 kg  |
| il 4020 LS 1330 840X ASYM L | 21.4 W | 2160 lm          | 4000 K       | 1360 mm    | Input cable left  | 2.13 kg |
| il 4020 LS 1330 830X ASYM L | 21.4 W | 2160 lm          | 3000 K       | 1360 mm    | Input cable left  | 2.13 kg |
| il 4020 LS 1330 830X ASYM R | 21.4 W | 2160 lm          | 3000 K       | 1360 mm    | Input cable right | 2.13 kg |
| il 4020 LS 1330 840X ASYM R | 21.4 W | 2160 lm          | 4000 K       | 1360 mm    | Input cable right | 2.13 kg |
| il 4020 LS 1330 827X ASYM L | 21.4 W | 2160 lm          | 2700 K       | 1360 mm    | Input cable left  | 2.13 kg |
| il 4020 LS 1330 827X ASYM R | 21.4 W | 2160 lm          | 2700 K       | 1360 mm    | Input cable right | 2.13 kg |

# Specifications

|                               |                    |
|-------------------------------|--------------------|
| Lifecycle Status              | Active             |
| Beam Characteristic           | Wide Flood         |
| Light distribution            | asymmetrical       |
| Rated voltage DC              | 28 V SELV          |
| Degree of protection          | IP67, IP69, IP69K  |
| Protection class              | III                |
| Optics                        | Clear              |
| Beam angle direct             | 70° x 90°          |
| Colour rendition Ra           | 85                 |
| Ambient temperature           | -25 ... +45 °C     |
| Storage/transport temperature | -25 ... +60 °C     |
| Service life (L80/B10)        | (@ 25 °C) 60,000 h |

|                         |                               |
|-------------------------|-------------------------------|
| Width (B)               | 27 mm                         |
| Height (H)              | 30 mm                         |
| Installation depth (ET) | 30 mm                         |
| Installation width (EB) | 27 mm                         |
| Light outlet (LA)       | L - 30 mm                     |
| Dimmable/Controllable   | Yes                           |
| Interface               | Depending on the ballast used |
| Housing colour          | stainless steel               |
| Housing material        | Stainless steel (V4A)         |
| Cover material          | PU grouting                   |
| Glow-wire testing       | 650 °C                        |
| Impact strength         | IK10                          |

# Accessories



**Connector Set IP67 28V**  
58928011



**SNT ELI 0-90W IP66**  
DCV 090 30 IP66 2



**Supply Unit 0-57 W IP66**  
DCV 057 28 IP66 2



**SNT ELI 0-110 W / 30 V**  
50930074



**Supply unit 0-120 W / AM**  
58920027