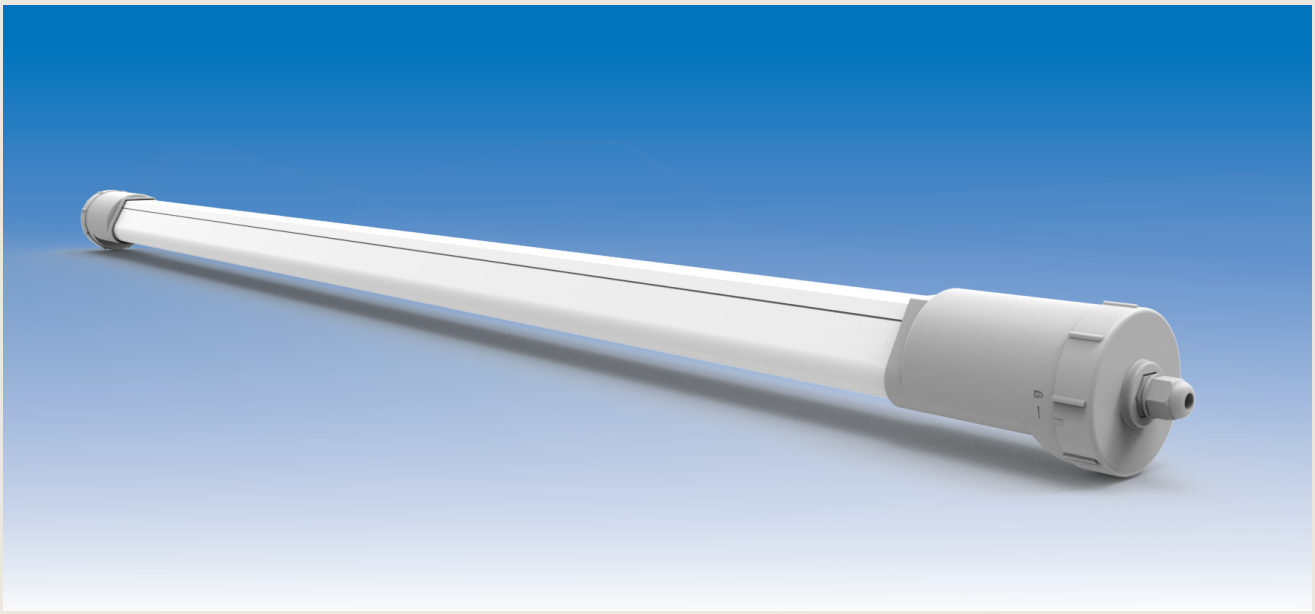
# ELSPRO LED Linear Lighting Type KLF 2.0

IP66



**MODELS:**

| Voltage | Output | Number of Poles | Cable Gland | Luminous Flux | Colour Temperature | Beam Angle | Length | Weight | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 220 - 240 V AC | 25 W | 2 pole | M20 | 4,000 lm | 4,000 K | 110°/150° | 1,200 mm | 1.0 kg | **KLF25** |
| | | 3 pole | | | | | | | **KLF25/3P** |
| | 38 W | 2 pole | | 6,080 lm | | | 1,600 mm | 1.4 kg | **KLF38** |
| | | 3 pole | | | | | | | **KLF38/3P** |
| | 58 W | 2 pole | | 9,280 lm | | | | 1.6 kg | **KLF58** |
| | | 3 pole | | | | | | | **KLF58/3P** |
| | | 5 pole | | | | | | | **KLF58/5P** |

**SPECIAL FEATURES:**

- **160 Lumen / Watt** → highly efficient LED technology: high luminous efficacy with low energy consumption
- color rendering index CRI > 80
- life-time: L90B10 > 50,000 hours → designated long-life cycle
- protection class: IP 66 → dustproof and water-jet-proof
- housing made of polycarbonate → IK10, impact-resistant (protection against impacts with an impact energy of up to 20 joules)
- ambient temperature: -30°C to +50°C (KLF58/5P: -30°C to +40°C) → also suited for use when temperatures greatly fluctuate in both indoor and outdoor areas
- including two movable mounting clips with easy-click fixation made from stainless steel → convenient installation
- optional mounting clips with safety screws (Order No.: KLF/MKS) → anti-vandalism
- 2 pole and 3 pole through-wiring with connection terminal up to 2.5 mm² or 5 pole through-wiring with connection terminal up to 1.5 mm² → number of linking luminaires per circuit depending on model (permanently installed)
  - KLF25 / KLF25/3P: up to 53 luminaires
  - KLF38 / KLF38/3P: up to 35 luminaires
  - KLF58 / KLF58/3P: up to 23 luminaires
  - KLF58/5P: up to 18 luminaires
- suitable to be used in companies of the food and beverages sector that are certified according to IFS version 8

- other models on request / subject to modification and errors -

11.26

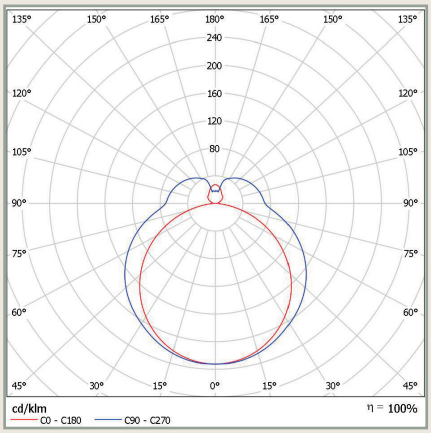
ELSPRO Elektrotechnik GmbH & Co. KG
Kleinhülsen 47 · 40721 Hilden · Germany
+49 (0) 21 03 / 97 10 - 45
+49 (0) 21 03 / 97 10 - 80
sales@elspro.de
www.elspro.de/en/

# ELSPRO LED Linear Lighting Type KLF 2.0

IP66



## LIGHT EMISSION:

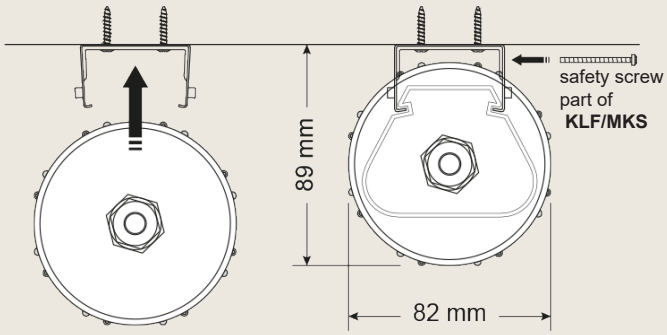



Horizontal: 110° / Vertical: 150°

| | KLF25 | KLF38 | KLF58 |
|---|---|---|---|
| 0.5 | 2.97 / 1.48 | 3720 / 60 / 325 | 5655 / 92 / 495 | 8632 / 140 / 755 |
| 1.0 | 5.94 / 2.97 | 930 / 15 / 81 | 1414 / 23 / 124 | 2158 / 35 / 189 |
| 1.5 | 8.91 / 4.45 | 413 / 7 / 36 | 628 / 10 / 55 | 959 / 16 / 84 |
| 2.0 | 11.89 / 5.93 | 232 / 4 / 20 | 353 / 6 / 31 | 539 / 9 / 47 |
| 2.5 | 14.86 / 7.41 | 149 / 2 / 13 | 226 / 4 / 20 | 345 / 6 / 30 |
| 3.0 | 17.83 / 8.90 | 103 / 2 / 9 | 157 / 3 / 14 | 240 / 4 / 21 |

Abstand [m] Kegeldurchmesser [m] Beleuchtungsstärke [lx]
C0 - C180 (Halbstreuwinkel: 112.0°)
C90 - C270 (Halbstreuwinkel: 142.8°)

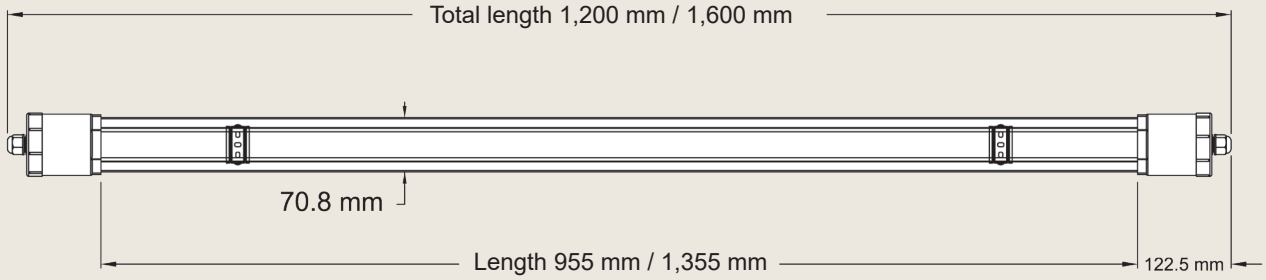
## MOUNTING OPTIONS:




## ACCESSORIES:

| | Order No. |
|---|---|
| 2 pieces mounting clips with safety screw | **KLF/MKS** |
| 2 pieces end-caps with cable gland M20 (cable diameter 6 - 12 mm) | **KLF/KAPSETM20** |

## DIMENSIONS:

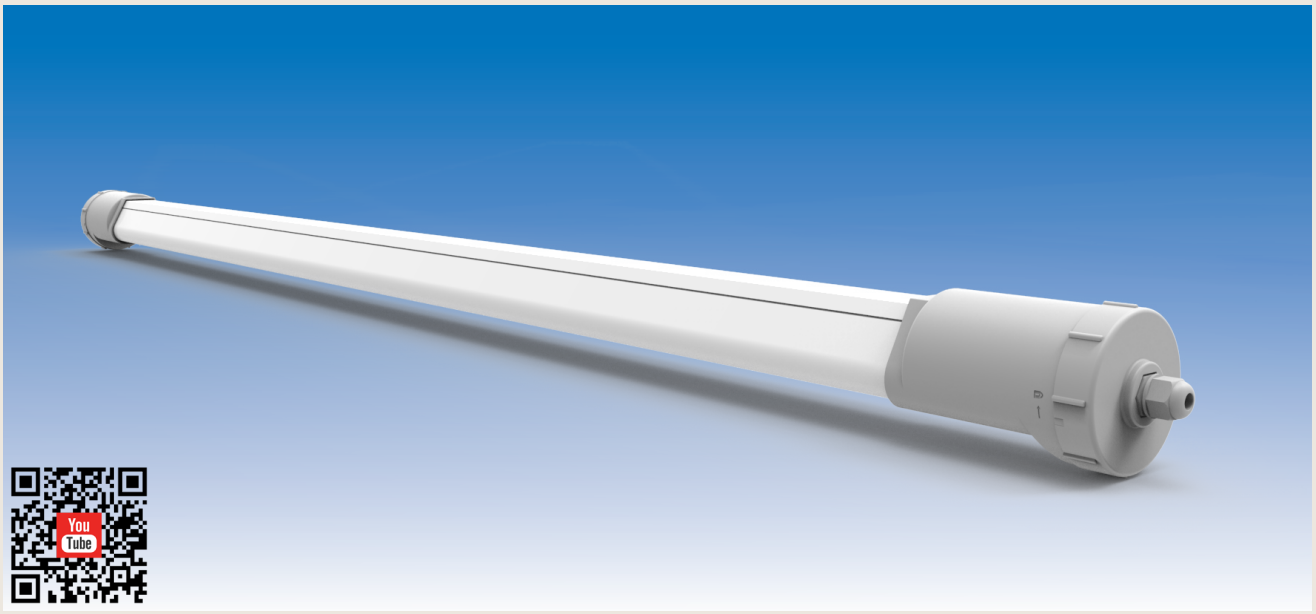



– other models on request / subject to modification and errors –

09.25

# ELSPRO LED linear light fitting type KLF with programmable motion/daylight sensors

CE IP66



## MODELS:

| Voltage | Power | Number of poles | Screw connection | Luminous flux | $R_a$ | Beam angle | Length | Weight | Order no. |
|---|---|---|---|---|---|---|---|---|---|
| 220 - 240 V AC | 45 W | 3 pole | M20 | 5,600 lm | > 80 | 110°/127° | 1,200 mm | 1.5 kg | **KLF45/3P/DIM** |

## CONFIGURATIONS:

- up to 125 lm/W → high light output
- Colour temperature: 4,000 K → similar to daylight
- Service life L90B10 (up to 50,000 hours) → proven longevity
- Protection class: IP66 → dustproof and resistant to powerful jets of water
- Polycarbonate housing → IK10, mechanical resistance (protection against impacts up to 20 joules)
- Ambient temperature: -20°C to +40°C → Can also be used with large temperature fluctuations indoors and outdoors
- Including mounting clamps with stainless steel snap lock → simple attachment
- Mounting brackets including locking screws available as accessories (item no.: KLF/MKS) → Protection against vandalism
- 3-pole through-wiring with a connection terminal up to 2.5 mm² → up to 7 lights can be connected per circuit (permanently installed)
- including remote control for programming the motion and daylight sensors → Factory presets:
  100% sensitivity of the motion sensor,
  100% light intensity for a period of 5 seconds,
  then 25% light intensity for an unlimited period,
  inactive daylight sensor
- Variable programming possible via the remote control →
  - Motion sensor sensitivity: 25 / 50 / 75 / 100%
  - Duration of 100% light intensity after the movement ends:
    5 sec. / 30 sec. / 3 min. / 30 min.
  - Duration of 25% light intensity until switching off:
    0 sec. / 1 min. / 10 min. / + ∞ (unlimited duration)
  - Daylight sensor: 5 lx / 30 lx / 150 lx / deactivated
- suitable to be used in companies of the food and beverages sector that are certified according to IFS version 8

- other models on request / subject to modification and errors -

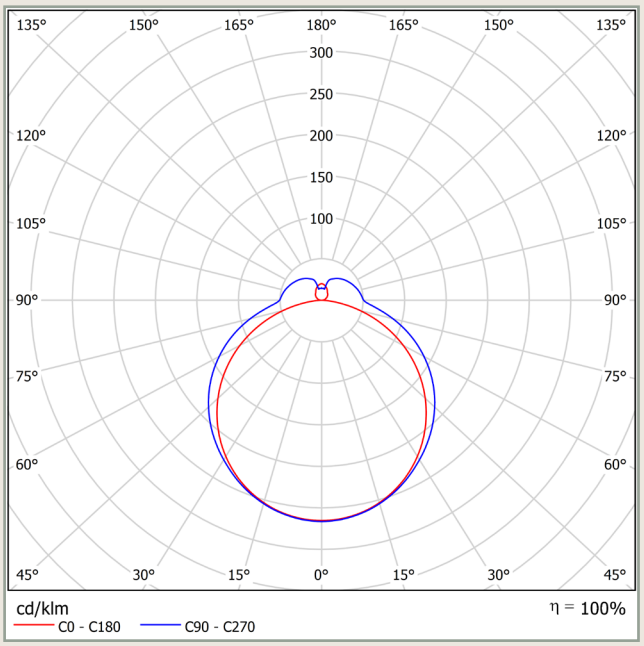


ELSPRO Elektrotechnik GmbH & Co. KG
Kleinhülsen 47 · 40721 Hilden · Germany
+49 (0) 21 03 / 97 10 - 45
+49 (0) 21 03 / 97 10 - 80
sales@elspro.de
www.elspro.de/en/

# ELSPRO LED linear light fitting type KLF with programmable motion/daylight sensors

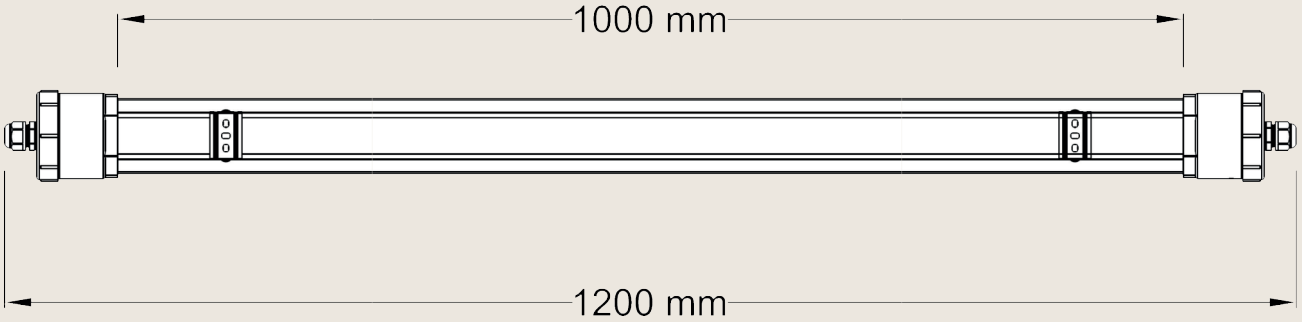
CE IP66

## LIGHT OUTPUT KLF45/3P/DIM:

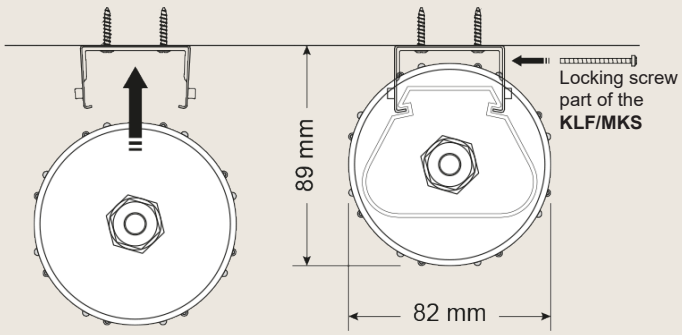



Horizontal: 110° / Vertical: 127°

## DIMENSIONS:




## MOUNTING OPTIONS:




| ACCESSORIES: | Order no. |
|---|---|
| 2 mounting clamps with locking screw | **KLF/MKS** |
| 2 end caps with M20 cable gland for a cable cross-section of 2.5mm² | **KLF/KAPSETM20** |

– other models on request / subject to modification and errors –