

LED line PRIME FUSION linear lamp 40W 4000K 5200lm P18° white



The FUSION luminaire series comes in power ranges from 20W to 60W with a color temperature of 4000K. The efficiency of the luminaires is 130 lm/W.

The length of the luminaire varies depending on its power. FUSION luminaires offer different beam angles, adjustable using lenses, allowing practical adaptation to any lighting arrangement. Optionally, a UGR cover can be applied to eliminate glare.



One of the main advantages of the FUSION series is the almost tool-free connection capability, using built-in connectors that come as standard. This enables a uniform, continuous light line. Using an optional angled connector allows for creating various lighting configurations of any shape, forming unique continuous light lines.

The beam angles can be adjusted using lenses to suit the user's desired lighting effect.

The luminaire is equipped as standard with a frosted PC Cover diffuser with a 120-degree beam angle. This is the most universal solution for the Fusion series, as it works well in most lighting arrangements.

Applications of various lenses:

P18 lens – directs light downward and in a specific direction, enabling, for example, lighting of a communication pathway with an additional element, such as a shelf or rack. (Applications: warehouses, production halls, shops, and shopping malls).

LR40 lens – significantly facilitates lighting of shelves in a communication pathway on both sides of the luminaire. Elements on the sides of the luminaire are more illuminated, while the area directly below is gently lit. (Applications: shops and shopping malls, communication pathways, warehouses, and production halls).

30x90 lens – used for targeted lighting, enabling illumination of specific areas, such as a communication pathway or workspace. It can highlight specific surfaces. (Applications: offices and commercial spaces, shops and shopping malls, conference and lecture rooms).

90x110 lens – offers a beam angle similar to the 120-degree PC Cover but slightly narrower, focusing light mainly below the luminaire. (Applications: residential spaces, shops and shopping malls, offices, and commercial spaces).



Voltage range and voltage type



Ambient temperature suitable for operation



Lifespan

| Parameter | Value |
|---------------------------------------|----------|
| Sling length | 200 |
| Luminous efficacy | 130 lm/W |
| Power | 40 W |
| Colour of the light | White |
| Energy efficiency class 2019/2015 | C |
| Luminous flux | 5200 lm |
| Correlated colour temperature | 4000 K |
| Colour consistency in McAdam ellipses | ≤6 |
| Standby power | 0 |
| IP protection rating | 20 |
| Warranty (years) | 5 |
| Survival factor | 0.9 |
| Lifetime L70B50 | 50 000 |
| Mounting type | mixed |

| Parameter | Value |
|--|-------------|
| Supply voltage range and voltage type | 220-240 VAC |
| Frequency of the supply voltage | 50/60Hz |
| Colour rendering index Ra | 80 |
| The lumen maintenance factor | 96 % |
| Power Factor | 0,9 |
| Ambient temperature suitable for operation | -20÷45 °C |
| For indoor use | Inside |
| IEC protection class | I |
| IK protection rating | 08 |
| Lamp's warm-up time to 60% | 1 |
| Length | 1158 mm |
| Width | 70 mm |
| Height | 52 mm |

Single packaging



| | |
|--------|---------|
| Width | 1158 mm |
| Height | 52 mm |
| Length | 70 mm |
| Weight | 1,82 kg |

Bulk packaging



| | |
|---|----------------------|
| Number of pieces/tape in meters pack zb | 12 szt. |
| Width | 1260 mm |
| Height of collective packaging | 260 mm |
| Length | 260 mm |
| Weight | 22,09 kg |
| Volume | 0,085 m ³ |

Europallet



| | |
|--|----------|
| Number of pieces/tapes in meters euro pallet | 144 |
| Quantity collective euro pallet | 144 szt. |
| Weight of a euro pallet | 265,2 kg |
| Pallet height | 1260 mm |
| Quantity in 1 layer | 144 szt. |
| Number of layers | 1 |