

code: 204089 EAN: 5905378204089

LED line PRIME FUSION linear lamp 20W 4000K 2600lm 0-10V LR40° 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



Lifespan



Ambient temperature suitable for operation



| Parameter | Value |
|---------------------------------------|------------|
| Luminous efficacy | 130 lm/W |
| Power | 20 W |
| Colour of the light | White |
| Energy efficiency class 2019/2015 | C |
| Luminous flux | 2600 lm |
| Correlated colour temperature | 4000 K |
| Colour consistency in McAdam ellipses | ≤6 |
| Standby power | 0 |
| IP protection rating | 20 |
| Warranty (years) | 5 |
| Dimmable function | Yes |
| Survival factor | 0.9 |
| Lifetime L70B50 | 50 000 |
| Mounting type | mixed |
| Supply voltage range and voltage type | 220-240VAC |
| Frequency of the supply voltage | 50/60Hz |
| Colour rendering index Ra | 80 |
| The lumen maintenance factor | 96 |
| Power Factor | 0,9 |

| Parameter | Value |
|--|--------------------|
| Ambient temperature suitable for operation | -20 ± 45 °C |
| IEC protection class | I |
| IK protection rating | 08 |
| Lamp's warm-up time to 60% | 1 |
| Length | 586 mm |
| Width | 70 mm |
| Height | 52 mm |
| EPREL ID | 1 587 242 |
| Form of the product (EPREL) | Source Out |
| Angle for useful luminous flux (EPREL) | Sphere 360 degrees |
| Is the product equipped with an integrated light source? (EPREL) | Yes |
| Non-directional or directional light source (EPREL) | NDLS |
| Mains or non- mains light source (EPREL) | NMLS |
| Connected light source (EPREL) | No |
| Colour-tuneable light source (EPREL) | No |
| Total luminous flux (EPREL) | 3 060 |
| On-mode power P_{on} (EPREL) | 17 |
| Useful luminous flux Φ_{use} (EPREL) | 3 060 |
| Beam angle in degrees (EPREL) | 120 |

Single packaging



78
57
670
0,953

Bulk packaging



12

Europallet



4