

## LED line PRIME FUSION linear lamp 40W 4000K 5200lm 60\*110° 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 <sup>3</sup>

**Europallet**



Number of pieces/tapes in meters euro pallet	288
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