



# Mawa

## Flat Box surface-mounted spotlight LED fbl-21 dimmable


### Oberfläche

- negro
- blanco

### Farbtemperatur in Kelvin

- 2.700 extra blanco cálido
- 3.000 blanco cálido

## Technical details

<b>País de la Fabricación</b>	 Alemania
<b>fabricante</b>	Mawa
<b>diseñador</b>	Jan Blieske
<b>diseñador 2</b>	Jan Dinnebier
<b>protección</b>	IP20
<b>Volumen de suministro</b>	LED
<b>entrada de tensión</b>	230 - 240 Volt
<b>materi al</b>	aluminio
<b>angulo del rayo</b>	30 grados
<b>Atenuación</b>	dimmable con control de fase inversa y con reguladores de control de fase
<b>Potencia en vatios</b>	15 W
<b>LED</b>	incluyendo
<b>Indice de reproduccion cromatica</b>	>95
<b>reemplazo de la bombilla:</b>	en el fabricante / en la fabrica
<b>Dimensions</b>	H 13 cm   B 3 cm   L 16 cm

## Descripción

The Mawa Flat Box surface-mounted spotlight LED fbl-21 is a ceiling lamp with a rectangular lamp head. This lamp head can be rotated by 365 degrees and swivelled by 90 degrees, allowing the light to be redirected at any time if required. The lamp is made from a single piece of aluminum, using a folding technique patented by Mawa, so that no visible screws are visible. The Flat Box surface-mounted spotlight LED spotlight is available in matt white (RAL 9016) and matt black (RAL 9005). Both surfaces are powder-coated. The lamp is also available in other RAL colours on request.

The ceiling lamp is offered with a colour temperature of 2,700 Kelvin extra warm white or 3,000 Kelvin warm white. On request, it is also available with 4,000 Kelvin white. This version can be dimmed by the customer with leading edge and trailing edge phase dimmers. DALI, 1-10 volt or push dimmable versions are also offered on request.

As standard, the Flat Box surface-mounted spotlight LED has a beam angle of 30 degrees. With a larger beam angle, the light is distributed over a larger area. Optionally, the lamp can also be ordered with a beam angle of 12 or 45 degrees in the field Order Comment.