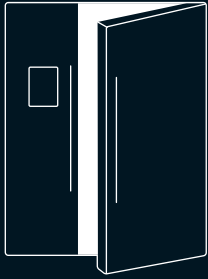


Light for Appliances



BJB///OEM-Line COLD



LED lighting for refrigerators
and freezers





Index

LED lighting for refrigerators and freezers

S. 4 77.106.1001

LED-Lighting with optical prisms for refrigerators

- Excellent illumination through ingenious use of optics
- Energy efficiency: Low insulation losses due to reduction of cut-outs
- Easy installation through snap in fixing



S. 6 77.106.1001

LED ceiling light for refrigerators

- Large-area illumination with only one ceiling light
- Energy efficiency: Low insulation losses due to reduction of cut-outs
- Easy installation through snap in fixing

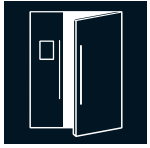


S. 8 77.107.1001

LED side/ceiling light for refrigerators

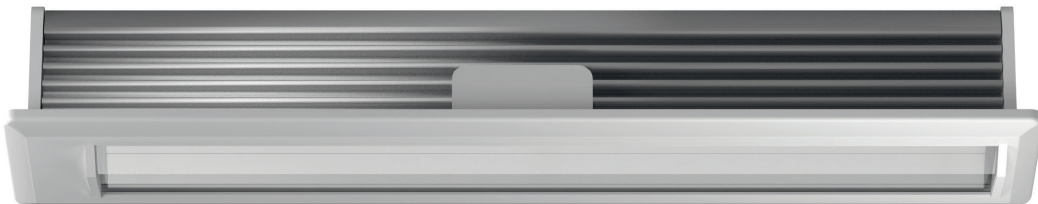
- Light where it is needed: Specific directional light control
- Energy efficiency: Small installation opening minimises energy losses
- Easy installation through snap in fixing





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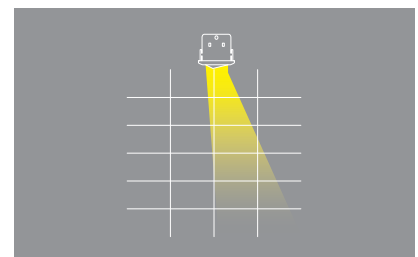
LED-Lighting 77.106.1001 with optical prisms for refrigerators



ONE SOLUTION, ONE LUMINAIRE

Uniform illumination of the complete refrigerator with only one ceiling light? It's possible. All you need are the right optics and a high-performance LED luminaire. Optical prisms on the front edges of the shelves guide the light into the individual compartments, avoid glare and prevent shadowing even when the refrigerator is full.

Light emission characteristic



Excellent illumination through ingenious use of optics

ADDITIONAL FEATURES

LEDs

- Variable LED parameters (colour temperature, CRI, power rating)
- Energy efficient: Possibility to upgrade to a higher energy efficiency class

Installation

- Little assembly work required as one light source can be sufficient
- Coding possible

Insulation

- Minimal insulation losses due to reduction of cut-outs

Scope of delivery: Including cables



Example of application

LED

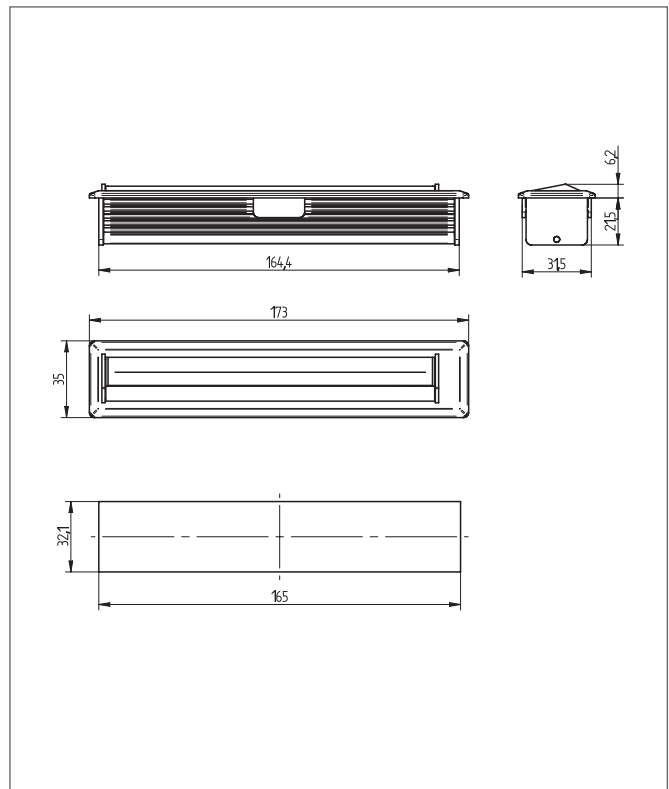
Technical data

- Narrow colour tolerance: McAdam 3.5 SDCM
- Beam angle asymmetrical
- Tc max. 85 °C
- Protection class III due to SELV operation



Version	77.106.1001
Forward current IF	350 mA
Colour rendering CRI	> 80
Colour temperature	4,000 K
Luminous flux	750 lm
Luminaire efficiency	120 lm/W
Forward voltage UF	18.1 V
Power consumption	6.3 W

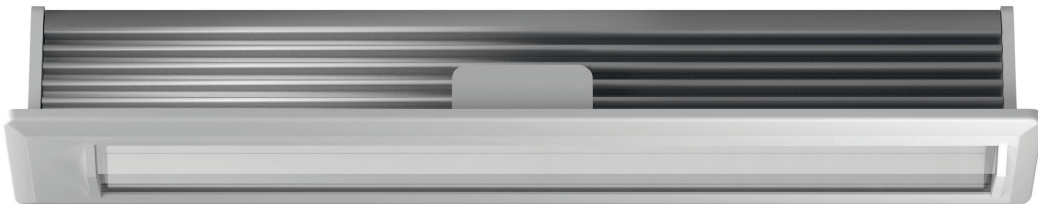
Tolerances of optical and electrical data: +/- 10%
 The values given represent "typical" data. The minimum and maximum values can be found in the respective data sheets.





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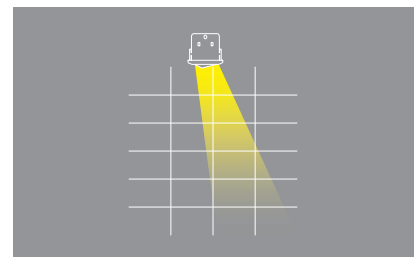
LED ceiling light 77.106.1001 for refrigerators



POWERFUL LED-LIGHTING

This LED roof luminaire with asymmetric optic provides a homogenous light distribution, avoids glare, and - in contrast to side lighting - provides maximum flexibility to position the shelves.

Light emission characteristic



Excellent illumination through ingenious use of optics

ADDITIONAL FEATURES

LEDs

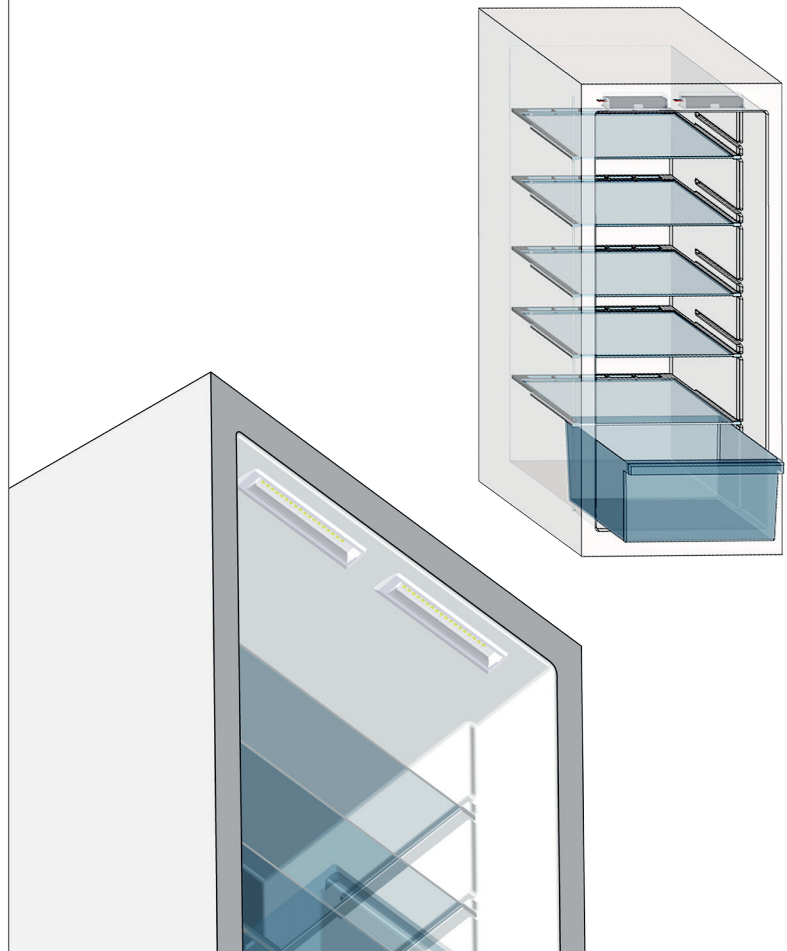
- High-performance: Only one ceiling light required
- Variable LED parameters (colour temperature, CRI, power rating)
- Energy efficient: Possibility to upgrade to a higher energy efficiency class

Installation

- Little assembly work required as one light source can be sufficient
- Coding possible
- Only one 2-core cable required

Insulation

- Minimal insulation losses due to reduction of cut-outs



Example of application

LED

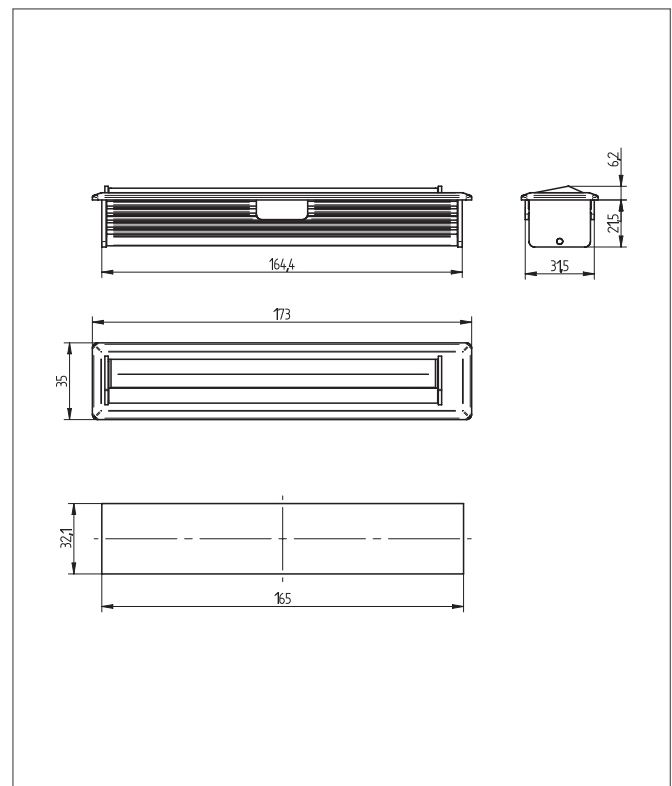
Technical data

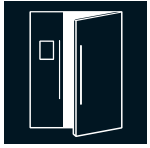
- Narrow colour tolerance: McAdam 3.5 SDCM
- Beam angle asymmetrical
- Tc max. 85 °C
- Protection class III due to SELV operation

CE **RoHS₂**

Version	77.106.1001
Forward current IF	350 mA
Colour rendering CRI	> 80
Colour temperature	4,000 K
Luminous flux	750 lm
Luminaire efficiency	120 lm/W
Forward voltage UF	18.1 V
Power consumption	6.3 W

Tolerances of optical and electrical data: +/- 10%
The values given represent "typical" data. The minimum and maximum values can be found in the respective data sheets.





BJB///OEM-Line COLD

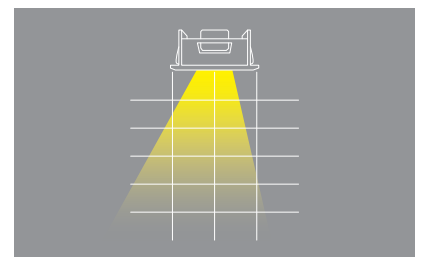
LED side/ceiling light 77.107.1001 for refrigerators



GLARE-FREE FROM THE VERY BEGINNING

Thanks to a light-directing reflector, which provides an asymmetrical beam angle, this LED side and ceiling light considerably reduces glare in the refrigerator. In spite of its sophisticated light-control technology, this product is also very suitable as an entry-level solution.

Light emission characteristic



Light where it is needed: Specific directional light control

ADDITIONAL FEATURES

LEDs

- Variable LED parameters (colour temperature, CRI, power rating)
- Various lengths and types of cable possible
- Energy efficient: Possibility to upgrade to a higher energy efficiency class

Installation

- Cover for foam sealing
- Coding ensures correct installation
- Snap in fixing

Material

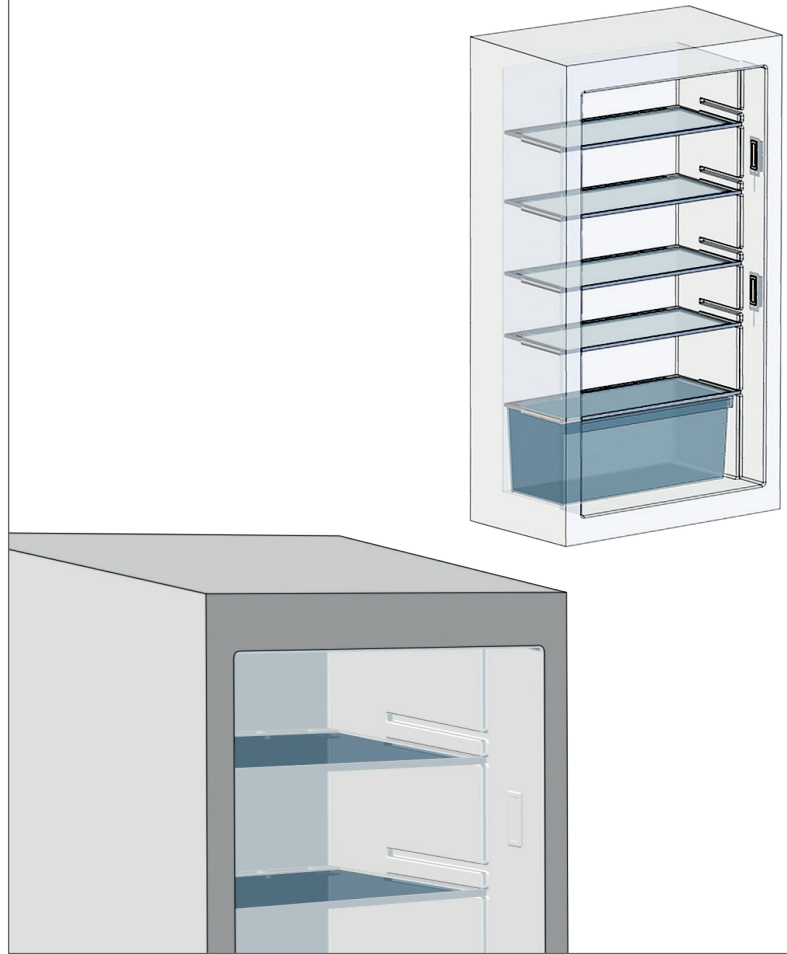
- High-quality plastic housing

Design

- Customer logo possible

Electronics

- Contact by means of edge connectors with or without connecting cable



Light emission characteristic

LED

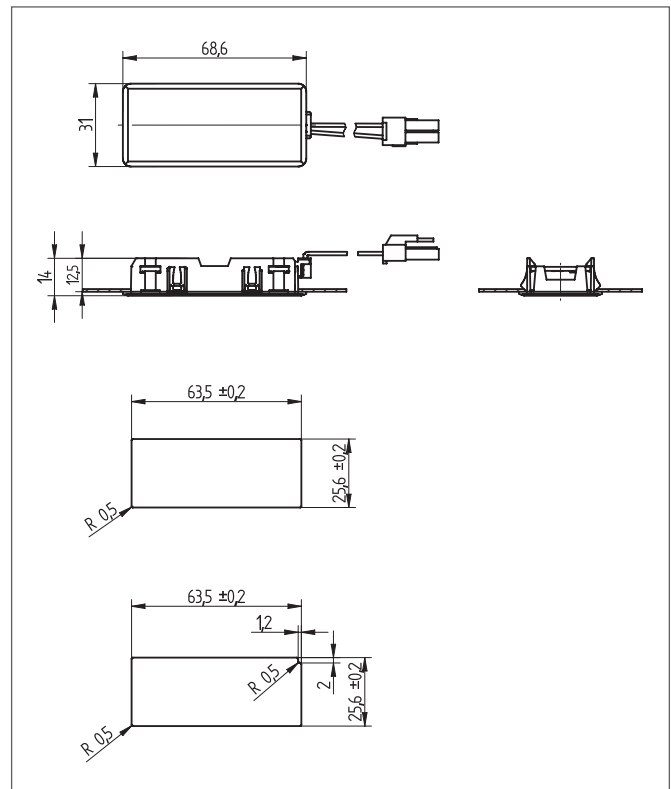
Technical data

- Narrow colour tolerance: McAdam 3.5 SDCM
- Beam angle asymmetrical
- Tc max. 85 °C
- Protection class III due to SELV operation



Version	77.107.1001
Forward current IF	110 mA
Colour rendering CRI	> 80
Colour temperature	4,000 K
Luminous flux	270 lm
Luminaire efficiency	135 lm/W
Forward voltage UF	18 V
Power consumption	2 W

Tolerances of optical and electrical data: +/- 10%
 The values given represent "typical" data. The minimum and maximum values can be found in the respective data sheets.





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Light for Appliances

BJB GmbH & Co. KG
Werler Straße 1
59755 Arnsberg
Germany
Telephone +49 29 32 9 82-0
Telefax +49 29 32 9 82-8201
info@bjb.com
www.bjb.com