

Operating instructions

LED high bay luminaire with sensor

Model: DF-61006 | Order number: 200605000-S | 5000 K

60 W

POWER

7800 lm

LUMINOUS FLUX

5000 K

COLOUR TEMPERATURE

IP54

PROTECTION

40° × 130°

BEAM ANGLE

i Read these operating instructions before installing the luminaire. Also follow the separately supplied instructions for the integrated Merrytek MC054V RC motion sensor.

Package contents

- ✓ 1 LED high bay luminaire
- ✓ 1 MC054V RC motion sensor
- ✓ 2 wire rope suspension assemblies
- ✓ Operating instructions

Intended use

The LED high bay luminaire is intended for illuminating halls, petrol stations, supermarkets and similar areas. Any use other than that described may damage the luminaire.

All components of the luminaire have been tested for EMC and meet the requirements of the applicable European and national directives. CE conformity has been demonstrated; the corresponding declarations are held by the importer.

Safety instructions

- ⚠** Installation and mounting must only be carried out by a qualified electrician familiar with the relevant regulations (e.g. VDE). Improper work on mains voltage endangers you and others.
- ⚠** For safety and approval reasons (CE), modifications and alterations are prohibited. Never dismantle the luminaire.
- ⚠** The luminaire is a Class I appliance. The protective earth conductor must be connected.
- ⚠** The luminaire (IP54) is only suitable for outdoor installation to a limited extent and must be protected from water.
- ⚠** Never look directly into the light. The high light intensity may cause eye injury.
- ⚠** Do not expose the luminaire to mechanical stress, ambient temperatures outside 0 °C to 50 °C, direct sunlight or strong vibration.

The warranty is void for damage caused by failure to observe these operating instructions. No liability is accepted for consequential damage. No liability is accepted for property damage or personal injury caused by improper handling or failure to observe the safety instructions.



DF-61006 · LED side

Installation

⚠ The distance between the luminaire and the illuminated surface must be at least 1 m.

Attach the supplied wire ropes to the luminaire, then secure them to the ceiling or a supporting beam, for example (see figures 1-4).

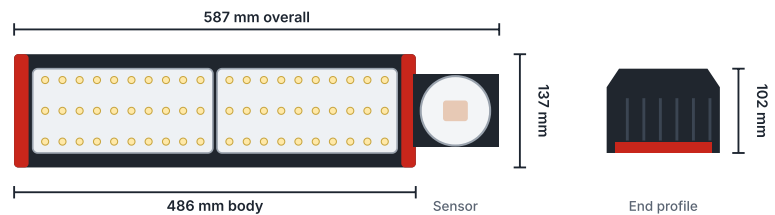
WIRE ROPE SUSPENSION

Schematic illustrations · luminaire views to scale

Supplied wire rope (approx. 200 cm)

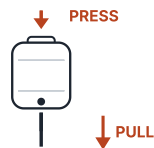


Luminaire views (to scale)



1 Release the wire

Press the lock and pull the wire rope out.



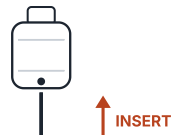
2 Attach to the luminaire

Fit the supplied ropes at both ends of the luminaire.



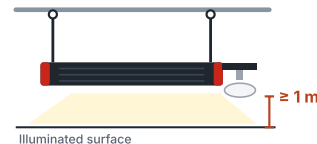
3 Insert and lock

Insert the wire rope into the gripper.



4 Suspend and align

Secure to the ceiling or a supporting beam.



Electrical connection and commissioning

Connect the luminaire supply cable to the mains. Make the connection using a junction box suitable for outdoor use or a mains plug.



L

Brown · Line (live)



N

Blue · Neutral



PE

Green/yellow · Protective earth

Safety instructions

- ⚠** The protective earth conductor must be connected.
- ⚠** If the luminaire replaces an existing luminaire and no protective earth conductor is available, it must not be installed. First install a new supply cable containing a protective earth conductor.
- ⚠** If the protective earth conductor is not connected, a fault may cause the metal housing to become live at mains voltage. This presents a risk of fatal electric shock.

Maintenance and cleaning

⚠ Switch off and disconnect the luminaire from the mains before cleaning (unplug the mains plug).

Apart from occasional cleaning, the luminaire is maintenance-free. Never dismantle it. Remove dust and dirt from the lens occasionally to ensure correct operation.

Wipe the luminaire with a clean, soft, dry cloth. For heavy soiling, slightly dampen the cloth with water. Never use aggressive cleaning agents or chemical solutions, as these may damage the housing and its finish.

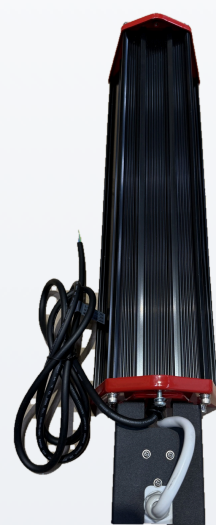
Disposal



At the end of its service life, dispose of the luminaire in accordance with the applicable legal requirements. The crossed-out wheeled bin symbol indicates separate collection of electrical equipment.

CE

RoHS



Rear view (heat sink side)

Technical specifications

ELECTRICAL

Supply voltage	100-240 V / 50-60 Hz
Power consumption	60 W
Protection class	I

LIGHT

Luminous flux	7800 lm (±10 %)
Luminous efficacy	130 lm/W
Colour temperature	5000 K (cool white)
Colour rendering	CRI ≥ 70 Ra
Beam angle	40° × 130°
Rated lifetime	50 000 h

ENVIRONMENT

Ambient temperature	0 °C to 50 °C
IP rating	IP54

DIMENSIONS AND WEIGHT

Length (luminaire body)	486 mm
Overall length (incl. sensor bracket)	587 mm
Width	137 mm
Height	102 mm
Weight	approx. 4.2 kg
Wire rope length	approx. 200 cm

Motion sensor: Merrytek MC054V RC. Settings and technical data of the sensor are described in its separately supplied instructions.

Company and contact details

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