

DATA SHEET

LED STREET LAMP Ø60, 40W, 4000K, 220V-240V AC, 150°X90°, SMD2835, IP66

LUTDHN4040



DESCRIPTION

LED streetlamps LUTDHN are a successful replacement for the existing analogical luminescent and sodium lighting fixtures and thus achieving high energy savings. The drivers and LED chips used in this new model are of high quality, ensuing long and reliable exploitation period. The optical system is built with lenses on each chip. The lamp has 5-year warranty and with the following advantages:

- High efficiency > 155 lm/W;
- Diodes PHILIPS LUMILEDS;
- Specially designed flange Ø65 mm made of cast aluminum, allowing mounting on a wall or a Ø60 mm pole, and regulating the mounting angle from 90° to 270°;
- High-tech integrated driver;
- Option for pre-setting the lamp's power (upon request);
- Optical system of polycarbonate on each chip creates asymmetrical light distribution type IESNA T3A (150x90°). The polycarbonate has a distinguished combination of mechanical strength and UV resistance;
- Powder-coated housing from cast aluminum adds to the mechanical strength, corrosion resistance and effective heat dissipation;
- Compact dimensions, light and clean design that helps the housing's self-clean from dust and dirt;
- High ingress protection rate IP66;
- Built-in voltage surge protection – up to 6 kV;
- Impact resistance index IK08;
- Power factor DF>0.9;
- Colour rendering index CRI>70 (80 optional);
- Colour temperature: 4000K;
- ON/OFF cycles: >30000;
- Lumen depreciation period with 20%:>50000H;
- Warranty – 5 years.

Usage:

- Street lighting;
- Parking lots;
- Parks & alleys.

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Electrotechnical information

- Power: 40 W
- Voltage AC: 220-240 V
- Power factor: >0.9
- Class: I
- Driver: built-in, non-dimmable
- Efficiency: 155 lm/W

Light technical information

- Rated luminous flux: 6200 lm
- Correlated Color Temperature (CCT): 4000 K
- Color Rendering Index (CRI): ≥70
- LED type: PHILIPS
- Photometric file (.LDT): Yes

Basic information

- Protection rating: IP66
- Impact protection rate: IK08
- Working temperature range: -20 °C ÷ +45 °C
- Diffuser: UV resistant PC with a lens on each LED
- On/Off cycles: >30000
- Dimensions: 520/180/65 mm
- Lumen Maintenance LM80: >50000 h
- Warranty: 5 years