

PRODUCT NO. 1666-145360

**DOTLUX LED street lamp RETROFITprotect E27 28W 4500K**



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- Overvoltage protection up to 4,000 V
- No early failures: SecureSolderConnect technology prevents hairline cracks and cold solder joints
- Unique: Integrated, temperature-dependent power regulation to 50% to protect against overheating
- AirFin cooling: 2.5 times larger cooling surface than comparable products and up to 20% reduced weight load on the lamp base
- Easy replacement thanks to Retro-Fit E27 base for standard HQL/NAV lamps
- Optimally arranged LEDs enable uniform light distribution
- Lamp can be operated without conversion on HQL ballasts and also directly on 230V. NAV ballasts must be disconnected.
- Light source efficiency of up to 160 lm / W thanks to the use of high-quality Lm80-certified LEDs

**ENERGY**  
**DOTLUX**  
1666-145360

A  
B  
C  
D  
E  
F  
G

**28**  
kWh/1000h

2019/2015

**PRODUCT GROUP** EC001959\_LED-Lampe/Multi-LED

**SUCCESSION ARTICLE** -  
**PREDECESSOR ARTICLE** 1666

**WEIGHT IN KG** 0.487  
**POWER CONSUMPTION IN WATTS** 28  
**NET LUMINOUS FLUX IN LUMENS** 4480  
**LUMEN PER WATT** 160

**Dimensions**

**length:** 90mm  
**width:** 90mm  
**height:** 186mm  
**diameter:** 90mm

**BEAM ANGLE** 360  
**PROTECTION CLASS (IP)** IP40  
**INPUT VOLTAGE** 100 - 240 AC  
**SERVICE LIFE** approx. 35.000 h at 25°C  
**BASE** E27  
**COLOR TEMPERATURE IN KELVIN** 4500  
**COLOR-RENDERING-INDEX** CRI > 82  
**POWER FACTOR** 0,91  
**INRUSH CURRENT IN A** 45  
**LUMEN PER WATT** 160  
**HOUSING COLOUR** white  
**SUITED FOR EMERGENCY LIGHTING** yes  
**SWITCH CYCLES** > 70.000  
**WARRANTY IN YEARS** 5  
**ENEC-CERTIFIED** ENEC 25  
**ASSORTMENT** Proline  
**ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015** D  
**COLOUR CONSISTENCY (MCADAM ELLIPSE)** SDCM6  
**SUITABLE FOR EMERGENCY LIGHTING** Yes  
**COMPATIBLE WITH APPLE HOMEKIT** No  
**COMPATIBLE WITH GOOGLE ASSISTANT** No  
**COMPATIBLE WITH AMAZON ALEXA** No

<b>LIFETIME L90/B10 AT 25°C</b>	12500
<b>PULSE DURATION IN µS</b>	50
<b>LIGHT COLOUR ACCORDING TO EN 12464-1</b>	neutral white 3300 to 5300 K
<b>BEG FUNDING</b>	Only relevant in Germany
<b>ELDAS-NR.</b>	941801299
<b>DIAMETER IN MM</b>	90
<b>ABMESSUNGEN BREITE MM</b>	90
<b>ABMESSUNGEN HÖHE MM</b>	186
<b>NOMINAL VOLTAGE IN V</b>	-
<b>BEAM ANGLE_</b>	360
<b>COLOUR</b>	White