

DOTLUX LED street lamp RETROFITnav E27 18W 2100K

Order number: 1665-221360

- For the first time, an LED light source replaces the classic NAV light color (approx. 2,100 K), which is often desired for lighting in historical settings
- 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 at lamp base
- Easy replacement with Retro-Fit E27 base for common HQL/NAV lamps
- Lamp can be operated without conversion on HQL Voschlat devices and also directly on 230V. NAV ballasts must be disconnected
- Uniform light distribution due to optimally arranged LEDs
- Lamp efficiency of up to 140 lm / W due to the use of high-quality lm80 certified LEDs

Power consumption in watts: 18; Net luminous flux in lumens: 2520; Lumen per watt: 140; Beam angle: 360°; protection class (IP): IP40; Input voltage: 176 - 240 V AC/DC; Color temperature in Kelvin: 2100; Color-rendering-index: CRI > 82; Power Factor: 0,9; Inrush current in A: 45; Lumen per watt: 140; Housing colour: white; Suited for emergency lighting: yes; Switch cycles: > 70.000; Overvoltage protection: up to 4000 V; Input voltage span: 85-265 V AC / 140-387 V DC; Warranty in years: 5; ENEC-certified: ENEC 05; Input voltage range luminaire: 85-265 V AC / 140-387 V DC; Assortment: Proline; Energy efficiency class according to EU regulation 2019/2015: E; ETIM Gruppen-ID: EC001959; Colour consistency (McAdam ellipse): SDCM6; Suitable for emergency lighting: Yes; Pulse duration in µs: 50; Light colour according to EN 12464-1: warm white <3300 K; BEG funding: Only relevant in Germany; Colour: White diameter: 73mm