

PRODUCT NO. 1665-221360

DOTLUX LED street lamp RETROFITnav E27 18W 2100K



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- 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

ENERGY
DOTLUX
1665-221360

A
B
C
D
E
F
G

18
kWh/1000h

2019/2015

SUCCESSION ARTICLE	-
PREDECESSOR ARTICLE	1665-130360NAV
WEIGHT IN KG	0.22
POWER CONSUMPTION IN WATTS	18
NET LUMINOUS FLUX IN LUMENS	2520
LUMEN PER WATT	140

Dimensions

height: 166mm
diameter: 73mm

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 AC / 140-387 DC
WARRANTY IN YEARS	5
ENEC-CERTIFIED	ENEC 05
INPUT VOLTAGE RANGE LUMINAIRE	85-265 AC / 140-387 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
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No

PULSE DURATION IN μS	50
LIGHT COLOUR ACCORDING TO EN 12464-1	warm white <3300 K
BEG FUNDING	Only relevant in Germany
COLOUR	White