

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

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

**Dimensions**

**height:** 166mm  
**diameter:** 73mm

<b>BEAM ANGLE</b>	360
<b>PROTECTION CLASS (IP)</b>	IP40
<b>INPUT VOLTAGE</b>	176 - 240 V AC/DC
<b>COLOR TEMPERATURE IN KELVIN</b>	2100
<b>COLOR-RENDERING-INDEX</b>	CRI > 82
<b>POWER FACTOR</b>	0,9
<b>INRUSH CURRENT IN A</b>	45
<b>LUMEN PER WATT</b>	140
<b>HOUSING COLOUR</b>	white
<b>SUITED FOR EMERGENCY LIGHTING</b>	yes
<b>SWITCH CYCLES</b>	> 70.000
<b>OVERVOLTAGE PROTECTION</b>	up to 4000 V
<b>INPUT VOLTAGE SPAN</b>	85-265 AC / 140-387 DC
<b>WARRANTY IN YEARS</b>	5
<b>ENEC-CERTIFIED</b>	ENEC 05
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	85-265 AC / 140-387 DC
<b>ASSORTMENT</b>	Proline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	E
<b>ETIM GROUP IDENTIFICATION NUMBER</b>	EC001959
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	Yes
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No

<b>PULSE DURATION IN <math>\mu</math>S</b>	50
<b>LIGHT COLOUR ACCORDING TO EN 12464-1</b>	warm white <3300 K
<b>BEG FUNDING</b>	Only relevant in Germany
<b>COLOUR</b>	White