

PRODUCT NO. 1665-221360

DOTLUX LED street lamp RETROFITnav E27 18W 2100K



to the product page

- For the first time, an LED light source replaces the classic NAV light color (approx. 2,100 K), which is often required 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 load on the lamp base
- Easy replacement thanks to retro-fit E27 base for standard HQL/NAV lamps
- Lamp can be operated without conversion on HQL ballasts and also directly on 230V. NAV ballasts must be disconnected
- Uniform light distribution thanks to optimally arranged LEDs
- Light source efficiency of up to 140 lm / W thanks to the use of high-quality lm80-certified LEDs

ENERGY

DOTLUX
1665-221360

18
kWh/1000h

PRODUCT GROUP EC001959_LED-Lampe/Multi-LED

SUCCESSION ARTICLE -
PREDECESSOR ARTICLE 1665-130360NAV

WEIGHT IN KG 0.355
POWER CONSUMPTION IN WATTS 18
NET LUMINOUS FLUX IN LUMENS 2520
LUMEN PER WATT 140

Dimensions

length: 73mm
width: 73mm
height: 166mm
diameter: 73mm

BEAM ANGLE 360
DIMMABLE No
PROTECTION CLASS (IP) IP40
INPUT VOLTAGE 176 - 240 AC/DC
SERVICE LIFE approx. 35.000 h at 25°C
BASE E27
COLOR TEMPERATURE IN KELVIN 2100
COLOR-RENDERING-INDEX CRI > 82
CONSTRUCTION other
POWER FACTOR 0,9
INRUSH CURRENT IN A 45
LUMEN PER WATT 140
VOLTAGE TYPE AC/DC
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
L80/B10 35000
ENEC-CERTIFIED ENEC 05
DIMMING WITHOUT DIMMER No
INPUT VOLTAGE RANGE LUMINAIRE 85-265 AC / 140-387 DC
ASSORTMENT Proline

ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	E
LIFETIME L80/B10 AT 25°C	35000
DIMMING TOUCH AND DIM	No
DIMMING ZIGBEE	No
NO DIM FUNCTION	Yes
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
LAMP SHAPE	Corn
REMOTE OPERATION POSSIBLE	No
DIMMING PHASE CUT-ON	No
WITH REMOTE CONTROL	No
PULSE DURATION IN µS	50
LIGHT COLOUR ACCORDING TO EN 12464-1	warm white <3300 K
BEG FUNDING	Only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	-
ELDAS-NR.	941801359
Dimension Length in mm	
DIAMETER IN MM	73
LUMINOUS FLUX IN LM	2520
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-40-45
ABMESSUNGEN BREITE MM	73
ABMESSUNGEN HÖHE MM	166
NOMINAL VOLTAGE IN V	-
TYPE OF GLASS/COVER	None
COLOUR	White
LAMP DESIGNATION	Other