

PRODUCT NO. 1665-245360

DOTLUX LED street lamp RETROFITprotect E27 18W 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 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
- Optimally arranged LEDs enable uniform light distribution
- Lamp efficiency of up to 160 lm / W due to the use of high quality Lm80 certified LEDs

ENERGY
DOTLUX
1665-245360

A
B
C
D
E
F
G

D

18
kWh/1000h

2019/2015

SUCCESSION ARTICLE	-
PREDECESSOR ARTICLE	1665-045360
WEIGHT IN KG	0.22
POWER CONSUMPTION IN WATTS	18
NET LUMINOUS FLUX IN LUMENS	2880
LUMEN PER WATT	160

Dimensions

height: 166mm
diameter: 73mm

BEAM ANGLE	360
PROTECTION CLASS (IP)	IP40
INPUT VOLTAGE	100 - 240 V AC
SERVICE LIFE	approx. 50.000 h at 25°C
BASE	E27
COLOR TEMPERATURE IN KELVIN	4500
COLOR-RENDERING-INDEX	CRI > 80
POWER FACTOR	0,91
INRUSH CURRENT IN A	45
LUMEN PER WATT	160
HOUSING COLOUR	white
SWITCH CYCLES	> 70.000
WARRANTY IN YEARS	5
ENEC-CERTIFIED	ENEC 25
ASSORTMENT	Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	D
ETIM GRUPPEN-ID	EC001959
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
LIFETIME L90/B10 AT 25°C	12500
PULSE DURATION IN µS	50
LIGHT COLOUR ACCORDING TO EN 12464-1	neutral white 3300 to 5300 K
BEG FUNDING	Only relevant in Germany
COLOUR	White