Frost



LED lamp

The lamps in the Frost range are specifically designed for cold environments. The LED frost lamp maintains reliable operation all year round. The operating temperature range is exceptionally wide, from –40 °C to +40 °C. Technical specifications are clearly presented on the packaging. Standard bulb models (A60) are available in warm white 2800 K or cool white 4000 K. The cylindrical Tubular lamps (TUB37) are ideal for slim outdoor luminaires. Tubular lamps emit white light at 3000 K or cool white light at 4000 K.

Opal classic LED lamp for cold conditions, -40 °C, 10.5W 4000K E27 1100lm 25000h 60x118mm, cardboard packing. Supply frequency ~50/60Hz.

Stocked: Yes

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4711504	4711504	0.064	Frost

EC001959 LED Lamp

Electrotechnical data	
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	63 mA
Nominal current (max) (mA)	63 mA
Power factor	0.5
Lamp power (min) (W)	11 W
Lamp power (max) (W)	11 W
Voltage type	AC

ETIM	
Suitable for electronic ballast	No
Suitable for magnetic ballast	No
Rated luminous flux according to IEC 62612 (lm)	1100 lm
Lamp efficacy (lm/W)	100 lm/W
Lamp shape	Round/globe
Filament lamp	No
Type of glass/cover	Opal
Cap	E27
Energy efficiency class according to EU regulation 2019/2015	F
Lamp designation	A-type
Min. number of switching cycles	1000000
Weighted energy consumption in 1,000 hours (kWh)	11 kWh
Average nominal lifespan (h)	25000 h

Photometric data	
Luminous flux (min) (lm)	1100 lm
Luminous flux (max) (lm)	1100 lm
Colour rendering index (CRI/Ra)	80-89
Colour of light acc. EN 12464-1	Neutral 3300-5300 K
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Beam angle (min) (°)	240 °
Beam angle (max) (°)	240 °
Colour consistency (McAdam ellipse)	SDCM6
Photobiological safety according to EN 62471	RG0

Structure	
Material of light bulb	Plastic
Colour	White
Housing colour	White

Dimming and control	
Dimmable	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming Bluetooth	No
Dimming Wi-Fi	No
No dimming function	Yes
Remote operation possible	No
With movement sensor	No
With remote control	No
With twilight switch	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Measurements	
Diameter (mm)	60 mm
Length (mm)	118 mm

Mounting	
Degree of protection (IP)	IP20

AIRAM