Pro



Omnidirectional lamp

The Airam Pro LED range with high power LED lamps replaces traditional discharge lamps. By switching to the LED version, up to 75% energy savings can be achieved compared to a traditional discharge lamp. The lamp’s elliptical opal diffuser provides uniform and energy-efficient illumination, with luminous efficacy of up to 167 lm/W. Available in four different models with an E27 cap. Long lifetime of 25,000 hours. Colour temperature is 4000 K.

Opal elliptical LED lamp replacing discharge lamp, 18W 4000K E27 3000lm 25000h 75x180mm, cardboard packing. Supply frequency ~50/60Hz.

Stocked: Yes

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4810020	4810020	0.12	Pro

EC001959 LED Lamp

Electrotechnical data	
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	135 mA
Nominal current (max) (mA)	135 mA
Power factor	0.5
Lamp power (min) (W)	18 W
Lamp power (max) (W)	18 W
Voltage type	AC
Total harmonic distortion	118 THD

ETIM	
Suitable for electronic ballast	No
Suitable for magnetic ballast	No
Rated luminous flux according to IEC 62612 (lm)	3000 lm
Lamp efficacy (lm/W)	167 lm/W
Filament lamp	No
Type of glass/cover	Opal
Cap	E27
Energy efficiency class according to EU regulation 2019/2015	C
Lamp designation	Other
Min. number of switching cycles	50000
Weighted energy consumption in 1,000 hours (kWh)	18 kWh
Average nominal lifespan (h)	25000 h

Photometric data	
Luminous flux (min) (lm)	3000 lm
Luminous flux (max) (lm)	3000 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) (°)	360 °
Beam angle (max) (°)	360 °
Colour consistency (McAdam ellipse)	SDCM6
Photobiological safety according to EN 62471	RG1

Structure	
Colour	White
Housing colour	White

Dimming and control	
Dimmable	No
Dimming trailing edge	No
Dimming leading edge	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)	75 mm
Length (mm)	180 mm

Mounting	
Degree of protection (IP)	IP20