



Contractor-grade Plastic (Dimmable) AShape Lamps

14A19/CNG/827/FR/P/E26/D 4/4CT

Plastic A19 offering dimmability and a lifetime over 15,000 hours. Ideal for contractor-grade residential and multi-family spaces.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	1,600 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	2700 K 114 lm/W
Luminous Efficacy (rated) (Nom)	114 lm/W
Luminous Efficacy (rated) (Nom) Color Consistency	114 lm/W <6
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI)	114 lm/W <6 80
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI)	114 lm/W <6 80
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom)	114 lm/W <6 80
Luminous Efficacy (rated) (Nom) Color Consistency Color rendering index (CRI) LLMF At End Of Nominal Lifetime (Nom) Operating and Electrical	114 lm/W <6 80 70 %

Power Consumption	14 W
Lamp Current (Nom)	120 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A19

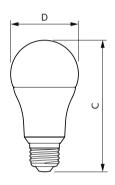
Datasheet, 2024, February 16 data subject to change

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UL Wet/ damp/ dry location	Damp location
Approval and Application	
T20 compliant	No
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	14A19/CNG/827/FR/P/E26/D 4/4CT

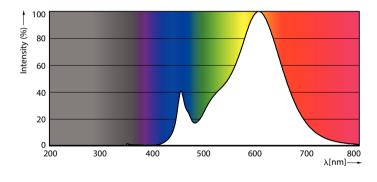
Full product name	14A19/CNG/827/FR/P/E26/D 4/4CT	
Order code	581801	
Material Nr. (12NC)	929003585004	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677581800	
Numerator - Packs per outer box	4	
EAN/UPC - Case	50046677581805	

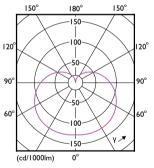
Dimensional drawing



Product	D	С
14A19/CNG/827/FR/P/E26/D 4/4CT	60 mm	117 mm

Photometric data



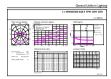


Spectral Power Distribution Colour - 14A19/CNG/827/FR/P/E26/D 4/4CT

Light Distribution Diagram - 14A19/CNG/827/FR/P/E26/D 4/4CT

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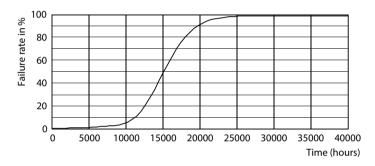
Photometric data

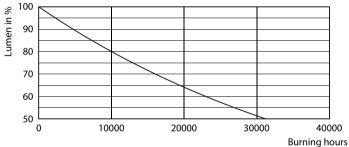


Calculat Photometrics 45 Philips Lighting B.V. Page

General uniform lighting - 14A19/CNG/827/FR/P/E26/D 4/4CT

Lifetime





Life Expectancy Diagram - 14A19/CNG/827/FR/P/E26/D 4/4CT

Lumen Maintenance Diagram - 14A19/CNG/827/FR/P/E26/D 4/4CT



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