



# Attractive, dimmable LED alternative to popular incandescents.

## A-Shape LED

Philips A-shape Dimmable LED lamps are the smart LED alternative to standard incandescents. The unique lamp design provides omi-directional light with excellent dimming performance.

### Benefits

- 12.5W and 8W A19 lamps are ENERGY STAR<sup>®</sup> qualified
- Long life properties-- lowers maintenance costs by reducing re-lamp frequency
- Will not fade colors, avoids inventory spoilage
- Contains no mercury
- Emits virtually no UV/IR light in the beam
- 3-year or 5-year limited warranty depending upon operating hours

### Features

- 12.5W A19, 8W A19 and 17W A21 versions available
- Smooth dimming to 10% of full light levels\*
- Remote phosphor (yellow) disappears when energized to create even, soft white light
- 25,000-hour rated average life<sup>+</sup>
- Instant-on light
- <sup>\*</sup>Dimmable when using leading edge dimmers (see Philips Website: [www.philips.com/ledtechguide](http://www.philips.com/ledtechguide) for compatible leading edge dimmers.)
- <sup>+</sup>Rated average life based on engineering testing and probability analysis.

## A-Shape LED

### Application

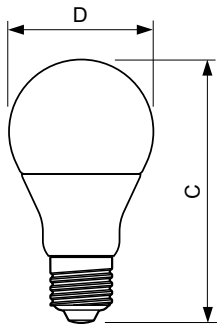
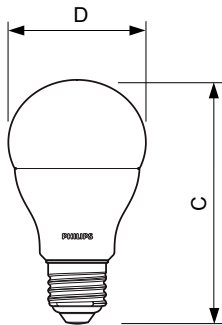
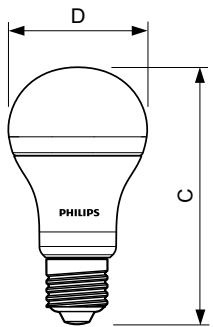
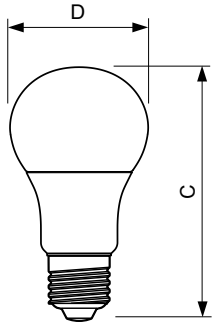
- Ideal for decorative and ambient lighting in retail outlets, hotels, restaurants, multi-unit residences and government buildings.

### Versions



# A-Shape LED

## Dimensional drawing



Product	D	C
120V A21 E26 18W 2200K-2700K D	71.1 mm	134.6 mm
120V A21 E26 14W 2200K-2700K D	71.1 mm	134.6 mm
A19 8W 5000K E26	61.0 mm	107.4 mm
5A19/LED/850/ND 120V 1PK/6	61.0 mm	107.4 mm
5.5A19/LED/827/ND 120V 1PK/6	61.0 mm	107.4 mm
18A21/LED/827 3WAY ND 120V	71.1 mm	134.6 mm
10.5A19/LED/827 ND 120V	61.0 mm	107.4 mm
BC8A19/LED/BLUE/ND 120V	61.0 mm	107 mm
9.5A19/LED/850 ND 120V	61.0 mm	107.4 mm
22A21/LED/827 3WAY ND 120V 6/1	71.1 mm	134.6 mm

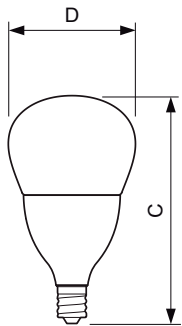
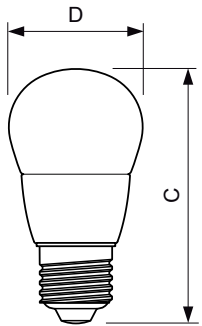
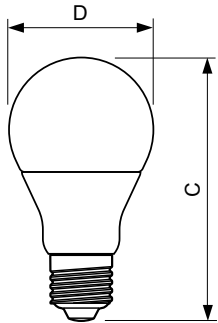
Product	D	C
120V A19 E26 14.5W 2700K	61.0 mm	107.4 mm
A19 14W 5000K E26	61.0 mm	107.4 mm

Product	D	C
9A19/LED/830 DIM 120V	61.4 mm	109.8 mm
9A19/AMB/850 DIM 120V	61.4 mm	109.8 mm
9.5A19/AMB/822-827 DIM 120V	61.4 mm	109.8 mm
9.5A19/AMB/827/DIM 120V	61.4 mm	109.8 mm

Product	D	C
9.5A19/LED/827-50-22/ND SSCC 120V	61.0 mm	111 mm
9A19/LED/827-25-22/ND SSWG 120V	61.0 mm	111 mm
10A19/LED/827-22/CL/DIM 120V	62 mm	111 mm
6A19/LED/827-22/CL/DIM 120V	62 mm	111 mm

# A-Shape LED

## Dimensional drawing



Product	D	C
9A19/LED/850/ND SSDL 120V	61.0 mm	111 mm

Product	D	C
5.5A15/LED/827-22/E26/CL/DIM 120V	50 mm	93 mm

Product	D	C
5.5A15/LED/827-22/E12/CL/DIM 120V	50 mm	91 mm

### Operating and Electrical

Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s

### Light Technical

Lmf At End Of Nominal Lifetime (Nom)	70 %
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## Approval and Application

order code	Energy Consumption kWh/1000 h
455683	14.5 kWh
455717	14 kWh
455600	8 kWh
460634	-
460717	-

order code	Energy Consumption kWh/1000 h
462985	-
463018	-
459115	18 kWh
459164	-
459073	14 kWh

# A-Shape LED

order code	Energy Consumption kWh/1000 h
465153	-
455824	-
459057	-
455881	-
461269	-
463983	-
462531	10 kWh

order code	Energy Consumption kWh/1000 h
462515	6 kWh
462523	-
463307	-
464965	-
464973	-
464957	-

## Controls and Dimming

order code	Dimmable
455683	No
455717	No
455600	No
460634	No
460717	No
462985	No
463018	No
459115	Yes
459164	No
459073	Yes
465153	No
455824	Yes

order code	Dimmable
459057	Yes
455881	Yes
461269	Yes
463983	Yes
462531	Yes
462515	Yes
462523	Yes
463307	No
464965	No
464973	No
464957	No

## Operating and Electrical

order code	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
455683	60 Hz	100 W	14.5 W
455717	60 Hz	100 W	14 W
455600	60 Hz	60 W	8 W
460634	60 Hz	40 W	5.5 W
460717	60 Hz	40 W	5 W
462985	60 Hz	75 W	10.5 W
463018	60 Hz	75 W	9.5 W
459115	60 Hz	100 W	18 W
459164	60 Hz	100 W	18 W
459073	60 Hz	75 W	14 W
465153	60 Hz	150 W	22 W
455824	60 Hz	60 W	9.5 W

order code	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
459057	60 Hz	60 W	9 W
455881	60 Hz	60 W	9 W
461269	60 Hz	60 W	9.5 W
463983	60 Hz	40 W	5.5 W
462531	60 Hz	60 W	10 W
462515	60 Hz	40 W	6 W
462523	60 Hz	40 W	5.5 W
463307	60 Hz	60 W	8 W
464965	50 to 60 Hz	60 W	-
464973	50 to 60 Hz	60 W	-
464957	60 Hz	60 W	9.5 W

## General Information

order code	Bulb Shape	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
455683	A19 (A19)	E26	10950 h	10950 h	50000X
455717	A19 (A19)	E26	10950 h	10950 h	50000X
455600	A19 (A19)	E26	10950 h	10950 h	50000X
460634	A19 (A19)	E26	10950 h	10950 h	50000X
460717	A19 (A19)	E26	10950 h	10950 h	50000X
462985	A19 (A19)	E26	10950 h	10950 h	50000X
463018	A19 (A19)	E26	10950 h	10950 h	50000X

order code	Bulb Shape	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
459115	A21 (A21)	E26	25000 h	25000 h	50000X
459164	A21 (A21)	E26	25000 h	25000 h	50000X
459073	A21 (A21)	E26	25000 h	25000 h	50000X
465153	A21 (A21)	E26	10000 h	10000 h	50000X
455824	A19 (A19)	E26	25000 h	25000 h	50000X
459057	A19 (A19)	E26	25000 h	25000 h	50000X
455881	A19 (A19)	E26	25000 h	25000 h	50000X

## A-Shape LED

order code	Bulb Shape	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
461269	A19 (A19)	E26	25000 h	25000 h	50000X
463983	A15	E12	25000 h	25000 h	50000X
462531	A19 (A19)	E26	25000 h	25000 h	50000X
462515	A19 (A19)	E26	25000 h	25000 h	50000X
462523	A15	E26	25000 h	25000 h	50000X

order code	Bulb Shape	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
463307	A19 (A19)	E26	10950 h	10950 h	50000X
464965	A19 (A19)	E26	15000 h	15000 h	100000X
464973	A19 (A19)	E26	15000 h	15000 h	100000X
464957	A19 (A19)	E26	15000 h	15000 h	100000X

### Light Technical

order code	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
455683	-	827	2700 K	80	1500 lm	1500 lm
455717	-	850	5000 K	80	1500 lm	1500 lm
455600	-	850	5000 K	80	800 lm	800 lm
460634	-	827	2700 K	80	450 lm	450 lm
460717	-	850	5000 K	80	450 lm	450 lm
462985	-	827	2700 K	80	1000 lm	1000 lm
463018	-	850	5000 K	80	1000 lm	1000 lm
459115	-	822-827	2200-2700 K	80	1600 lm	1600 lm
459164	-	827	2700 K	80	1600 lm	1600 lm
459073	-	822-827	2200-2700 K	80	1100 lm	1100 lm
465153	-	827	2700 K	80	2200 lm	2200 lm
455824	-	822-827	2200-2700 K	80	800 lm	800 lm
459057	-	830	3000 K	80	800 lm	800 lm
455881	-	850	5000 K	80	800 lm	800 lm
461269	-	827	2700 K	80	800 lm	800 lm
463983	-	822-827	2200-2700 K	80	450 lm	450 lm
462531	-	822-827	2200-2700 K	80	800 lm	800 lm
462515	-	822-827	2200-2700 K	80	480 lm	480 lm
462523	-	822-827	2200-2700 K	80	450 lm	450 lm
463307	-	-	-	-	-	-
464965	300 °	827/825/822	-	80	-	-
464973	300 °	850	5000 K	80	-	-
464957	-	827/850/822	-	80	800 lm	800 lm

### Mechanical and Housing

order code	Bulb Finish
455683	Frosted (FR)
455717	Frosted (FR)
455600	Frosted (FR)
460634	Frosted (FR)
460717	Frosted (FR)
462985	Frosted (FR)
463018	Frosted (FR)
459115	Frosted (FR)
459164	Frosted (FR)
459073	Frosted (FR)
465153	Frosted (FR)
455824	Frosted (FR)

order code	Bulb Finish
459057	Frosted (FR)
455881	Frosted (FR)
461269	Frosted (FR)
463983	Clear (CL)
462531	Clear (CL)
462515	Clear (CL)
462523	Clear (CL)
463307	Frosted (FR)
464965	Frosted (FR)
464973	Frosted (FR)
464957	Frosted (FR)

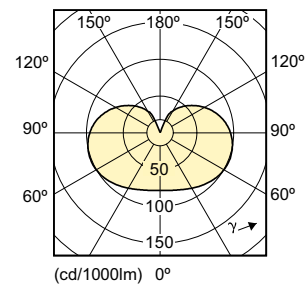
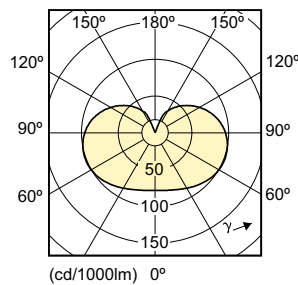
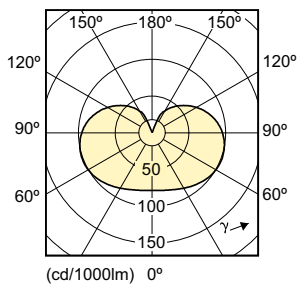
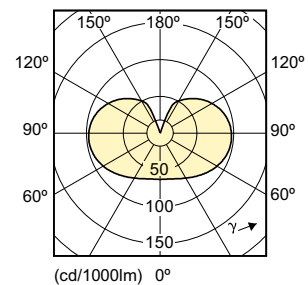
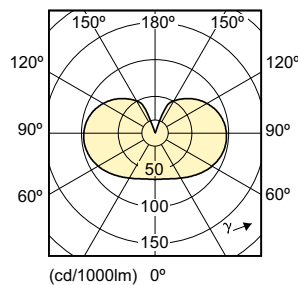
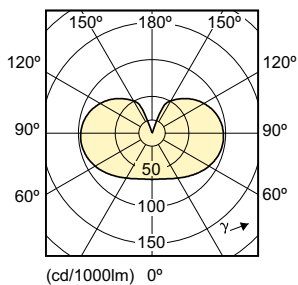
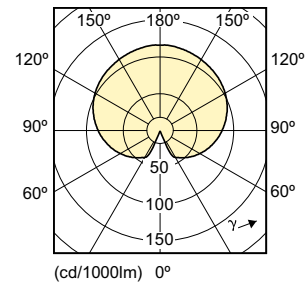
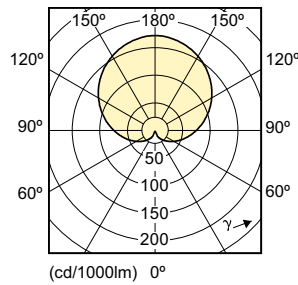
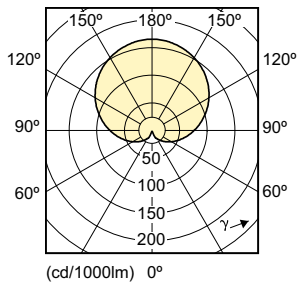
### Temperature

# A-Shape LED

order code	T-Case Maximum (Nom)
455683	95 °C
455717	90 °C
455600	95 °C
460634	100 °C
460717	100 °C
462985	100 °C
463018	100 °C
459115	105 °C
459164	100 °C
459073	100 °C
465153	100 °C
455824	95 °C

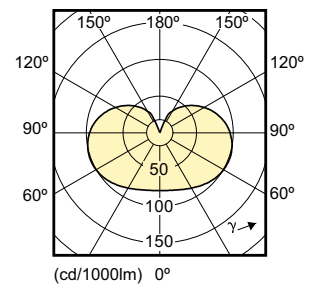
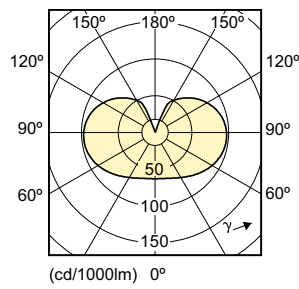
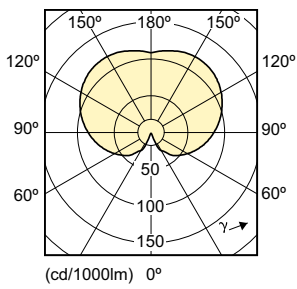
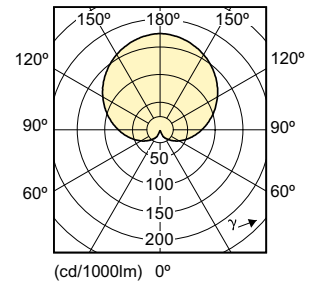
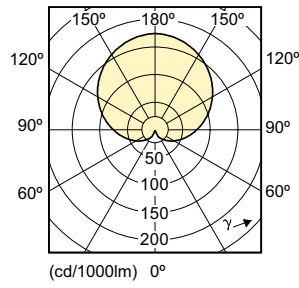
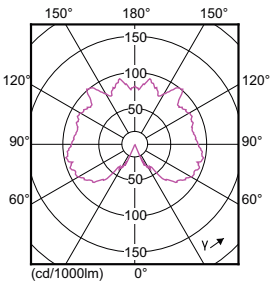
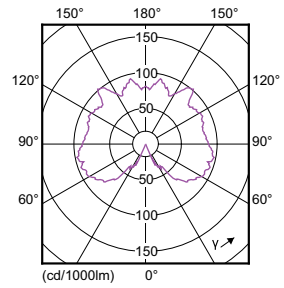
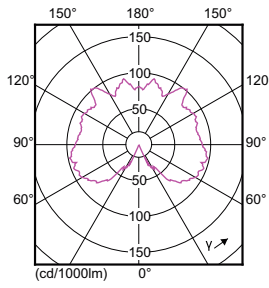
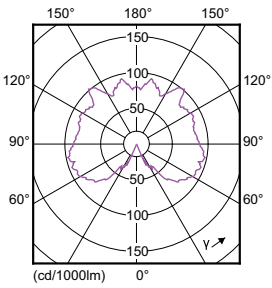
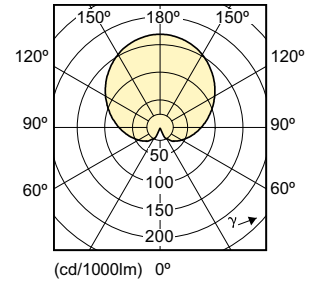
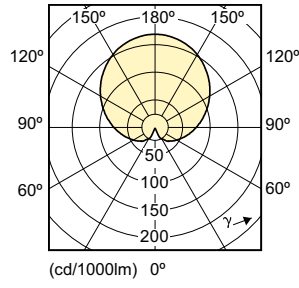
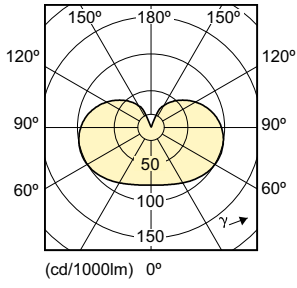
order code	T-Case Maximum (Nom)
459057	95 °C
455881	95 °C
461269	95 °C
463983	90 °C
462531	95 °C
462515	85 °C
462523	90 °C
463307	-
464965	80 °C
464973	80 °C
464957	89 °C

## Light Distribution Diagrams



# A-Shape LED

## Light Distribution Diagrams





## A-Shape LED

