



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[®] 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⁺
- Instant-on light
- ^{*} Dimmable when using leading edge dimmers (see Philips Website: www.philips.com/ledtechguide for compatible leading edge dimmers.)
- ⁺ Rated average life based on engineering testing and probability analysis.

Application

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

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Versions



E26 A19 Frosted



E26 A19 Frosted



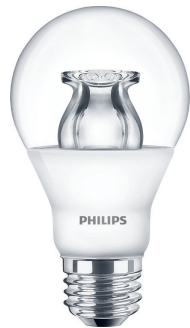
E26 A21 Frosted



E26 A19 Frosted



E12 A15 Clear



E26 A19 Clear



LEDbulb E26 A30 Frosted

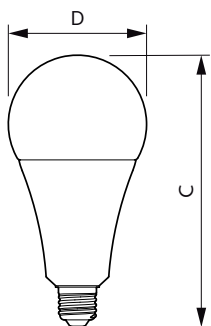


LEDbulb E26 A35 Frosted



LEDbulb E26 A40 Frosted

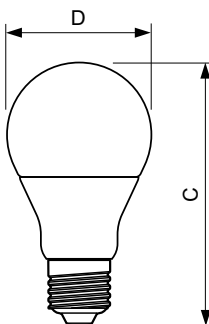
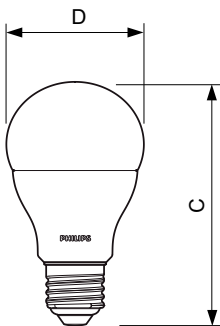
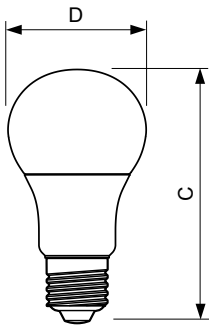
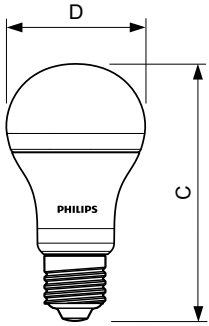
Dimensional drawing



Product	D	C
20A30/LED/865/P/E26/ND 4/1FB	95 mm	185 mm

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Dimensional drawing



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

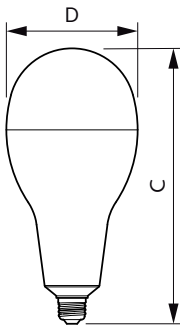
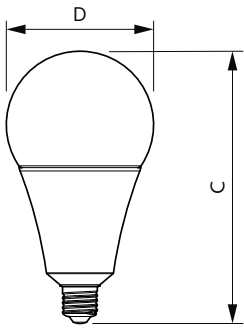
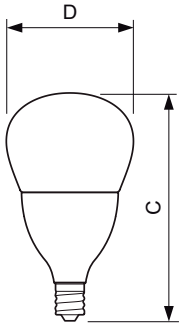
Product	D	C
120V A21 E26 14W 2200K-2700K D	71.1 mm	134.6 mm
A19 8W 5000K E26	61.0 mm	107.4 mm
18A21/LED/827 3WAY ND 120V	71.1 mm	134.6 mm
A19 8.5W 2700K E26	61 mm	107 mm

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

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

Product	D	C
24A35/LED/865/P/E26E39/ND 4/1FB	110 mm	200 mm

Product	D	C
42A40/LED/865/P/E26E39/ND 4/1FB	125 mm	265 mm

Operating and Electrical

Input Frequency	60 Hz
Voltage (Nom)	120 V

General Information

Switching Cycle	50000X
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Light Technical

Color Rendering Index (Nom)	80
Lmf At End Of Nominal Lifetime (Nom)	70 %

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
455683	14.5A19/LED/827 ND 120V 6/1	14.5 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
455501	8.5A19/LED/827 ND 120V	8.5 kWh

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Order Code	Full Product Name	Energy Consumption kWh/1000 h
455600	8A19/LED/850 ND 120V	8 kWh
459164	18A21/LED/827 3WAY ND 120V 6/1	-
459073	14A21/LED/827-22/DIM 120V 6/1	14 kWh
455824	9.5A19/AMB/827-22/DIM 120V 6/1	-
459057	9A19/LED/830/DIM 120V 6/1	-
455881	9A19/AMB/850/DIM 120V 6/1	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h
463983	5.5A15/LED/827-22/E12/CL/DIM 120V	-
462531	10A19/LED/827-22/CL/DIM 120V	10 kWh
462515	6A19/LED/827-22/CL/DIM 120V	6 kWh
479287	20A30/LED/865/P/E26/ND 4/1FB	-
479295	24A35/LED/865/P/E26E39/ND 4/1FB	-
479303	42A40/LED/865/P/E26E39/ND 4/1FB	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
455683	14.5A19/LED/827 ND 120V 6/1	No
455501	8.5A19/LED/827 ND 120V	No
455600	8A19/LED/850 ND 120V	No
459164	18A21/LED/827 3WAY ND 120V 6/1	No
459073	14A21/LED/827-22/DIM 120V 6/1	Yes
455824	9.5A19/AMB/827-22/DIM 120V 6/1	Yes
459057	9A19/LED/830/DIM 120V 6/1	Yes

Order Code	Full Product Name	Dimmable
455881	9A19/AMB/850/DIM 120V 6/1	Yes
463983	5.5A15/LED/827-22/E12/CL/DIM 120V	Yes
462531	10A19/LED/827-22/CL/DIM 120V	Yes
462515	6A19/LED/827-22/CL/DIM 120V	Yes
479287	20A30/LED/865/P/E26/ND 4/1FB	No
479295	24A35/LED/865/P/E26E39/ND 4/1FB	No
479303	42A40/LED/865/P/E26E39/ND 4/1FB	No

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)	Starting Time (Nom)
455683	14.5A19/LED/827 ND 120V 6/1	100 W	14.5 W	0.5 s
455501	8.5A19/LED/827 ND 120V	60 W	8.5 W	0.5 s
455600	8A19/LED/850 ND 120V	60 W	8 W	0.5 s
459164	18A21/LED/827 3WAY ND 120V 6/1	100 W	18 W	0.5 s
459073	14A21/LED/827-22/DIM 120V 6/1	75 W	14 W	0.5 s
455824	9.5A19/AMB/827-22/DIM 120V 6/1	60 W	9.5 W	0.5 s
459057	9A19/LED/830/DIM 120V 6/1	60 W	9 W	0.5 s
455881	9A19/AMB/850/DIM 120V 6/1	60 W	9 W	0.5 s

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)	Starting Time (Nom)
463983	5.5A15/LED/827-22/E12/CL/DIM 120V	40 W	5.5 W	0.5 s
462531	10A19/LED/827-22/CL/DIM 120V	60 W	10 W	0.5 s
462515	6A19/LED/827-22/CL/DIM 120V	40 W	6 W	0.5 s
479287	20A30/LED/865/P/E26/ND 4/1FB	160 W	20 W	1 s
479295	24A35/LED/865/P/E26E39/ND 4/1FB	200 W	24 W	1 s
479303	42A40/LED/865/P/E26E39/ND 4/1FB	300 W	42 W	1 s

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
455683	14.5A19/LED/827 ND 120V 6/1	E26	10950 h	10950 h
455501	8.5A19/LED/827 ND 120V	E26	10950 h	10950 h
455600	8A19/LED/850 ND 120V	E26	10950 h	10950 h
459164	18A21/LED/827 3WAY ND 120V 6/1	E26	25000 h	25000 h
459073	14A21/LED/827-22/DIM 120V 6/1	E26	25000 h	25000 h
455824	9.5A19/AMB/827-22/DIM 120V 6/1	E26	25000 h	25000 h
459057	9A19/LED/830/DIM 120V 6/1	E26	25000 h	25000 h
455881	9A19/AMB/850/DIM 120V 6/1	E26	25000 h	25000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
463983	5.5A15/LED/827-22/E12/CL/DIM 120V	E12	25000 h	25000 h
462531	10A19/LED/827-22/CL/DIM 120V	E26	25000 h	25000 h
462515	6A19/LED/827-22/CL/DIM 120V	E26	25000 h	25000 h
479287	20A30/LED/865/P/E26/ND 4/1FB	E26	25000 h	25000 h
479295	24A35/LED/865/P/E26E39/ND 4/1FB	E26	25000 h	25000 h
479303	42A40/LED/865/P/E26E39/ND 4/1FB	E26	25000 h	25000 h

Light Technical

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Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
455683	14.5A19/LED/827 ND 120V 6/1	-	827	2700 K	1500 lm	1500 lm
455501	8.5A19/LED/827 ND 120V	-	827	2700 K	800 lm	800 lm
455600	8A19/LED/850 ND 120V	-	850	5000 K	800 lm	800 lm
459164	18A21/LED/827 3WAY ND 120V 6/1	-	827	2700 K	1600 lm	1600 lm
459073	14A21/LED/827-22/DIM 120V 6/1	-	822-827	2200-2700 K	1100 lm	1100 lm
455824	9.5A19/AMB/827-22/DIM 120V 6/1	-	822-827	2200-2700 K	800 lm	800 lm
459057	9A19/LED/830/DIM 120V 6/1	-	830	3000 K	800 lm	800 lm
455881	9A19/AMB/850/DIM 120V 6/1	-	850	5000 K	800 lm	800 lm
463983	5.5A15/LED/827-22/E12/CL/DIM 120V	-	822-827	2200-2700 K	450 lm	450 lm
462531	10A19/LED/827-22/CL/DIM 120V	-	822-827	2200-2700 K	800 lm	800 lm
462515	6A19/LED/827-22/CL/DIM 120V	-	822-827	2200-2700 K	480 lm	480 lm
479287	20A30/LED/865/P/E26/ND 4/1FB	150 °	865	6500 K	2300 lm	2300 lm
479295	24A35/LED/865/P/E26E39/ND 4/1FB	150 °	865	6500 K	3000 lm	3000 lm
479303	42A40/LED/865/P/E26E39/ND 4/1FB	150 °	865	6500 K	5000 lm	5000 lm

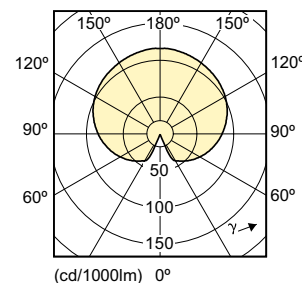
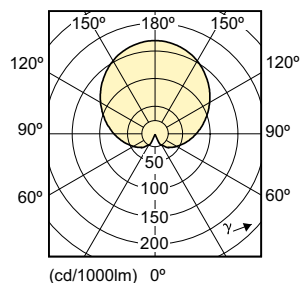
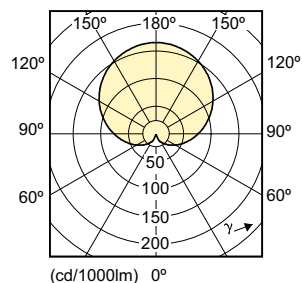
Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape	Order Code	Full Product Name	Bulb Finish	Bulb Shape
455683	14.5A19/LED/827 ND 120V 6/1	FR	A19 (A19)	455881	9A19/AMB/850/DIM 120V 6/1	FR	A19 (A19)
455501	8.5A19/LED/827 ND 120V	FR	A19 (A19)	463983	5.5A15/LED/827-22/E12/CL/DIM 120V	CL	A15
455600	8A19/LED/850 ND 120V	FR	A19 (A19)	462531	10A19/LED/827-22/CL/DIM 120V	CL	A19 (A19)
459164	18A21/LED/827 3WAY ND 120V 6/1	FR	A21 (A21)	462515	6A19/LED/827-22/CL/DIM 120V	CL	A19 (A19)
459073	14A21/LED/827-22/DIM 120V 6/1	FR	A21 (A21)	479287	20A30/LED/865/P/E26/ND 4/1FB	FR	A30
455824	9.5A19/AMB/827-22/DIM 120V 6/1	FR	A19 (A19)	479295	24A35/LED/865/P/E26E39/ND 4/1FB	FR	A35
459057	9A19/LED/830/DIM 120V 6/1	FR	A19 (A19)	479303	42A40/LED/865/P/E26E39/ND 4/1FB	FR	A40

Temperature

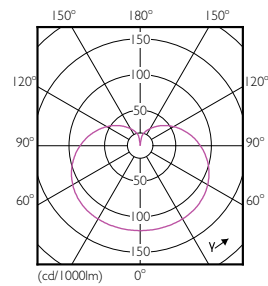
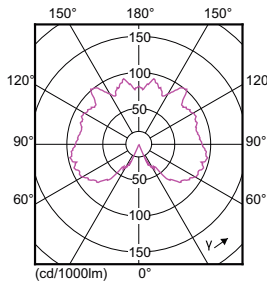
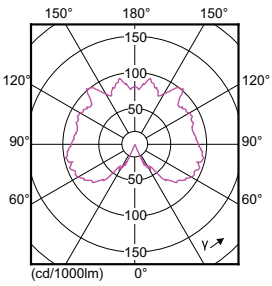
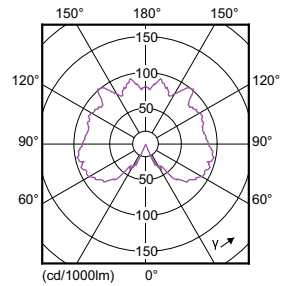
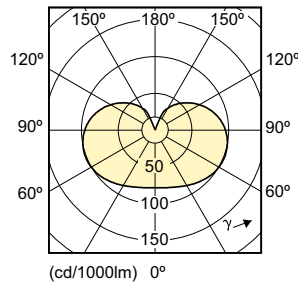
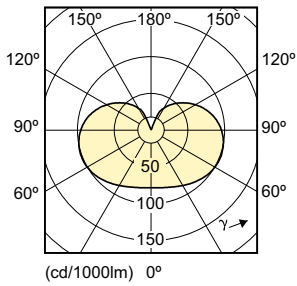
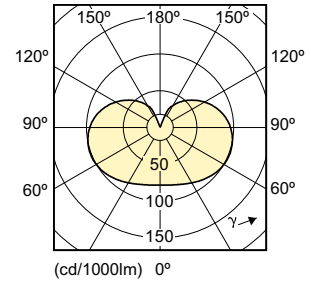
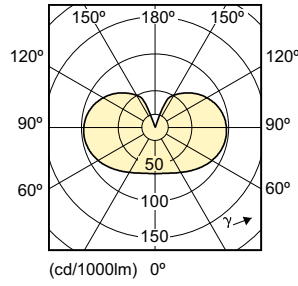
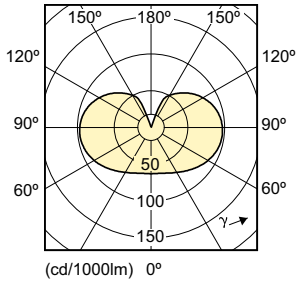
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455501	8.5A19/LED/827 ND 120V	100 °C	463983	5.5A15/LED/827-22/E12/CL/DIM 120V	90 °C
455600	8A19/LED/850 ND 120V	95 °C	462531	10A19/LED/827-22/CL/DIM 120V	95 °C
459164	18A21/LED/827 3WAY ND 120V 6/1	100 °C	462515	6A19/LED/827-22/CL/DIM 120V	85 °C
459073	14A21/LED/827-22/DIM 120V 6/1	100 °C	479287	20A30/LED/865/P/E26/ND 4/1FB	85 °C
455824	9.5A19/AMB/827-22/DIM 120V 6/1	95 °C	479295	24A35/LED/865/P/E26E39/ND 4/1FB	85 °C
459057	9A19/LED/830/DIM 120V 6/1	95 °C	479303	42A40/LED/865/P/E26E39/ND 4/1FB	85 °C

Light Distribution Diagrams

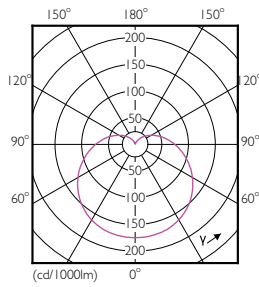
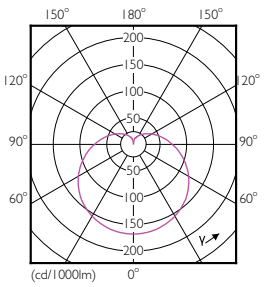


A-Shape LED

Light Distribution Diagrams



LEDbulb 20W A30 E26 865 15D ND



LEDbulb 24W A35 E26 865 15D ND

LEDbulb 42W A40 E26 865 15D ND

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