



A smooth design solution for a seamless look

BR/R LED

Philips Dimmable LED Reflector Lamps provide a soft, diffused level of light and smooth dimming to reduce glare. The sleek, lightweight design is ideal for downlighting.

Benefits

- Energy efficient
- ENERGY STAR Qualified®
- Emits virtually no UV/IR light in the beam
- Contains no mercury
- Lowers site maintenance costs by reducing re-lamp frequency
- 3-year or 5-year limited warranty depending upon operating hours

Features

- R20, BR30 and BR40 lamp types available
- 25,000-hour rated average life^{>1}</sup>
- Smooth dimming to 10% of full light levels*
- Instant-on light
- ^{>1} Rated average life based on engineering testing and probability analysis. * Dimmable when using leading edge dimmers. (See <http://www.philips.com/ledtechguide> for compatible leading edge dimmers.)</sup>

Application

- Ideal for downlighting in hospitality, residential and government buildings.

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Versions



E26 BR30 Frosted



E26 R20 Frosted



E26 BR40 Frosted



E26 R20 FR

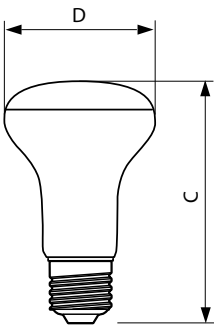


Single Contact Medium Screw A19 (A19) Frosted



Single Contact Medium Screw A21 (A21) Frosted

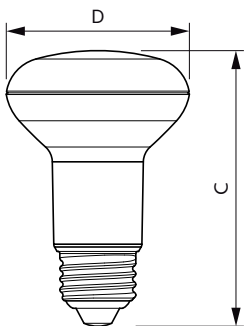
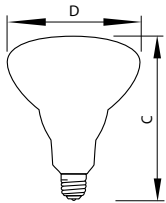
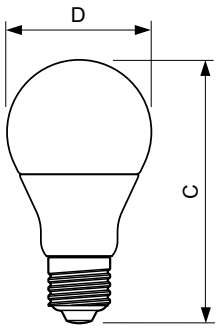
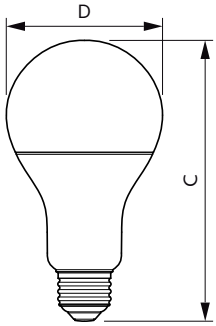
Dimensional drawing



Product	D	C
6R20/LED/827-22/DIM 120V	65 mm	101 mm
7.2BR30/PER/922-27/P/E26/WG 6/1FB	95 mm	132 mm
10BR40/LED/850/DIM 120V	127 mm	162 mm
9BR30/LED/827-22/DIM 120V	96 mm	132 mm
8BR30/LED/850/DIM 120V	96 mm	132 mm

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Dimensional drawing



Product	D	C
16A21/PER/927-22/P/E26/WG 6/1FB T20	78 mm	140 mm
12.2A21/PER/927-22/P/E26/WG 6/1FB T20	78 mm	140 mm

Product	D	C
5A19/PER/927-22/P/E26/WG 6/1FB T20	62.5 mm	111.5 mm

Product	D	C
10BR40/LED/827-22/DIM 120V 6/1	127 mm	162 mm
BC9.5BR30/AMB/927/DIM 120V	96 mm	132 mm

Product	D	C
6R20/PER/850/P/E26/DIM 6/1FB	63 mm	94 mm

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Frequency	60 Hz
Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s

General Information

Cap-Base	E26
Switching Cycle	50000X

Light Technical

Llmf At End Of Nominal Lifetime (Nom)	70 %
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Mechanical and Housing

Bulb Finish	Frosted (FR)
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
457044	9BR30/LED/827-22/DIM 120V 6/1	9 kWh
458067	8BR30/LED/850/DIM 120V 6/1	8 kWh
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	-
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	-
456979	6R20/LED/827-22/DIM 120V 6/1	6 kWh
457010	10BR40/LED/827-22/DIM 120V 6/1	-
459834	10BR40/LED/850/DIM 120V 6/1	8 kWh
535245	6R20/PER/850/P/E26/DIM 6/1FB	-
479428		-
479469		-
479485		-

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
457044	9BR30/LED/827-22/DIM 120V 6/1	65 W	9 W
458067	8BR30/LED/850/DIM 120V 6/1	65 W	8 W
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	65 W	9.5 W
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	65 W	7.2 W
456979	6R20/LED/827-22/DIM 120V 6/1	45 W	6 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
457010	10BR40/LED/827-22/DIM 120V 6/1	65 W	10 W
459834	10BR40/LED/850/DIM 120V 6/1	65 W	10 W
535245	6R20/PER/850/P/E26/DIM 6/1FB	45 W	6 W
479428		40 W	5 W
479469		75 W	12.2 W
479485		100 W	16 W

General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
457044	9BR30/LED/827-22/DIM 120V 6/1	25000 h	25000 h
458067	8BR30/LED/850/DIM 120V 6/1	25000 h	25000 h
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	25000 h	25000 h
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	15000 h	15000 h
456979	6R20/LED/827-22/DIM 120V 6/1	25000 h	25000 h

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
457010	10BR40/LED/827-22/DIM 120V 6/1	25000 h	25000 h
459834	10BR40/LED/850/DIM 120V 6/1	25000 h	25000 h
535245	6R20/PER/850/P/E26/DIM 6/1FB	15000 h	15000 h
479428		15000 h	15000 h
479469		15000 h	15000 h
479485		15000 h	15000 h

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
457044	9BR30/LED/827-22/DIM 120V 6/1	-	822-827	2200-2700 K	80

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
458067	8BR30/LED/850/DIM 120V 6/1	-	850	5000 K	80
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	110 °	927	2700 K	90

BR/R LED

Order Code	Full Product Name	Beam		Correlated Color	Color
		Angle (Nom)	Color Code	Temperature (Nom)	Rendering Index (Nom)
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	90 °	922-927	2200-2700 K	90
456979	6R20/LED/827-22/DIM 120V 6/1	-	822-827	2200-2700 K	80
457010	10BR40/LED/827-22/DIM 120V 6/1	-	822-827	2200-2700 K	80

Order Code	Full Product Name	Beam		Correlated Color	Color
		Angle (Nom)	Color Code	Temperature (Nom)	Rendering Index (Nom)
459834	10BR40/LED/850/DIM 120V 6/1	-	850	5000 K	80
535245	6R20/PER/850/P/E 26/DIM 6/1FB	120 °	850	5000 K	80
479428		250 °	922-927	2200-2700 K	90
479469		250 °	922-927	2200-2700 K	90
479485		250 °	922-927	2200-2700 K	90

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
457044	9BR30/LED/827-22/DIM 120V 6/1	650 lm	650 lm
458067	8BR30/LED/850/DIM 120V 6/1	650 lm	650 lm
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	650 lm	650 lm
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	650 lm	650 lm
456979	6R20/LED/827-22/DIM 120V 6/1	450 lm	450 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
457010	10BR40/LED/827-22/DIM 120V 6/1	800 lm	800 lm
459834	10BR40/LED/850/DIM 120V 6/1	800 lm	800 lm
535245	6R20/PER/850/P/E26/DIM 6/1FB	450 lm	450 lm
479428		450 lm	450 lm
479469		1100 lm	1100 lm
479485		1600 lm	1600 lm

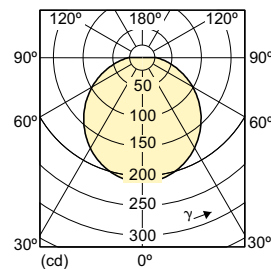
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
457044	9BR30/LED/827-22/DIM 120V 6/1	BR30 (BR30)
458067	8BR30/LED/850/DIM 120V 6/1	BR30 (BR30)
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	BR30 (BR30)
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	BR30 (BR30)
456979	6R20/LED/827-22/DIM 120V 6/1	R-20 (R20)
457010	10BR40/LED/827-22/DIM 120V 6/1	BR40 (BR40)

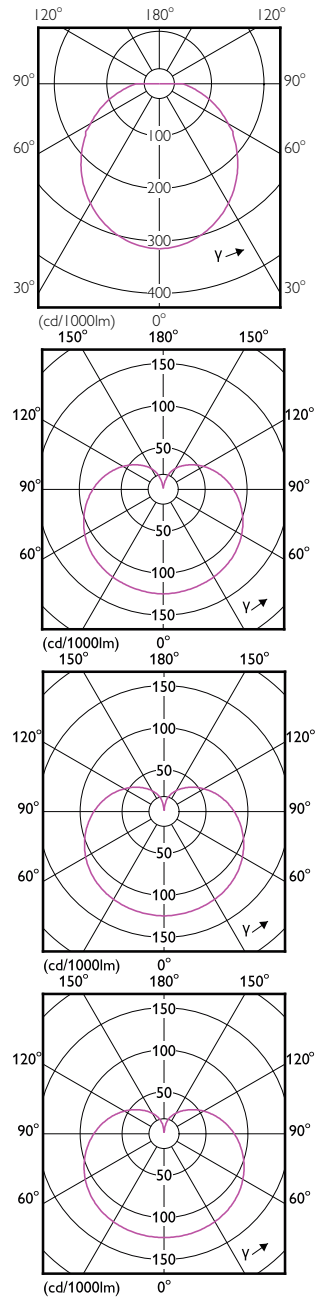
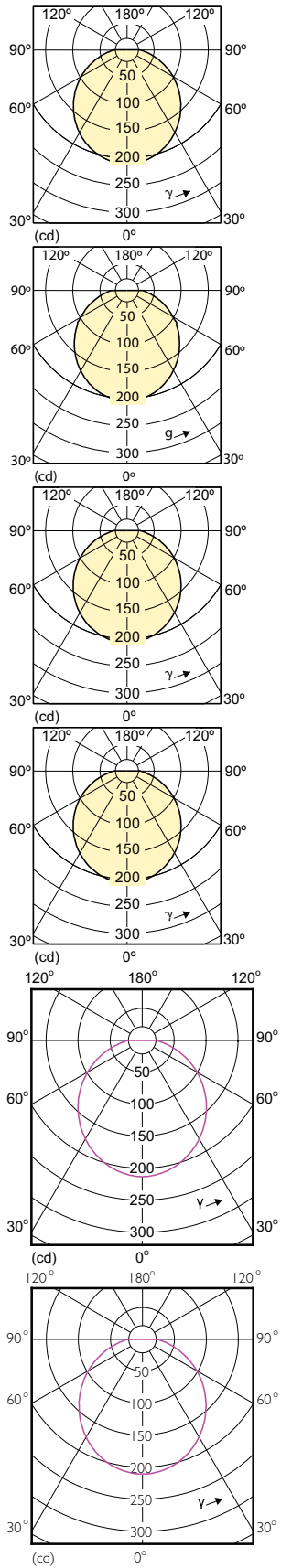
Order Code	Full Product Name	Bulb Shape
459834	10BR40/LED/850/DIM 120V 6/1	BR40 (BR40)
535245	6R20/PER/850/P/E26/DIM 6/1FB	R20
479428		A19 (A19)
479469		A21 (A21)
479485		A21 (A21)

Temperature

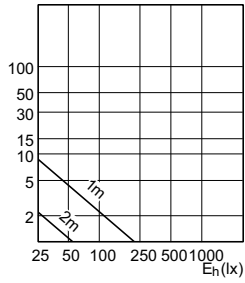
Order Code	Full Product Name	T-Case Maximum (Nom)
457044	9BR30/LED/827-22/DIM 120V 6/1	76 °C
458067	8BR30/LED/850/DIM 120V 6/1	76 °C
465203	BC9.5BR30/AMB/927/DIM 120V TP 4/1	76 °C
457044	7.2BR30/PER/922-27/P/E26/WG 6/1FB	75 °C
456979	6R20/LED/827-22/DIM 120V 6/1	76 °C
457010	10BR40/LED/827-22/DIM 120V 6/1	85 °C
459834	10BR40/LED/850/DIM 120V 6/1	85 °C
535245	6R20/PER/850/P/E26/DIM 6/1FB	75 °C
479428		65 °C
479469		75 °C
479485		85 °C



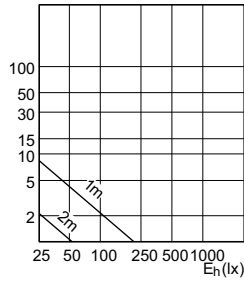
BR/R LED



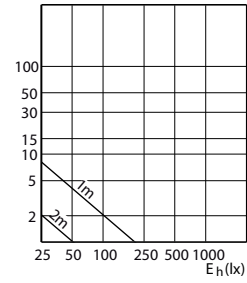
Accent Diagrams



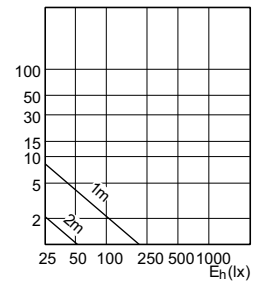
LEDbulb, Basic BR30 9W-65W 2700K 650lm
WG



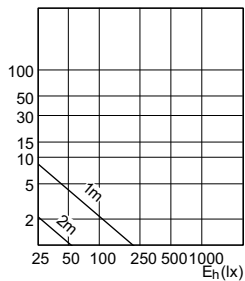
LEDbulb, AmbientLED BR30 9W-65W 5000K
650lm



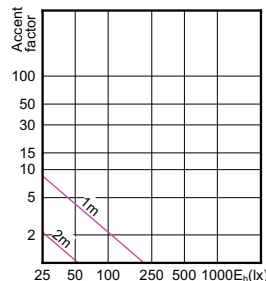
LEDbulb, Basic R20 2700K DIM



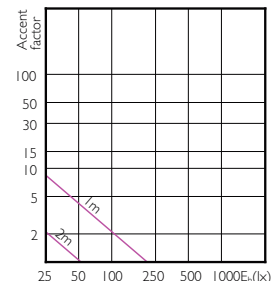
LEDbulb, Basic BR40 9W-65W 2700K 650lm
WG



LEDbulb, Basic BR40 8-65W 5000K 650lm

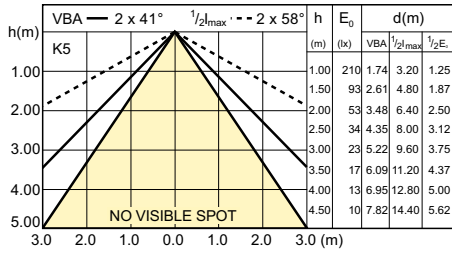


LEDbulb 9.5-65W E26 BR30 927

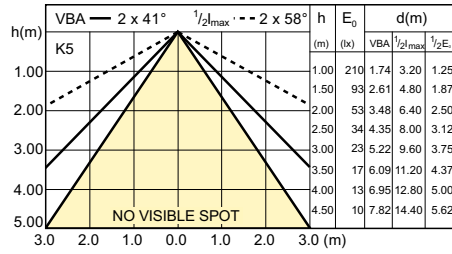


LEDBulbs BR30 120V 19-120W 1200lm 2700K
E26 D

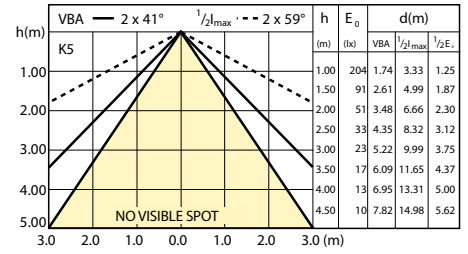
Beam Diagrams



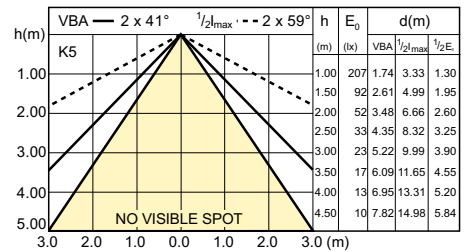
LEDbulb, Basic BR30 9W-65W 2700K 650lm WG



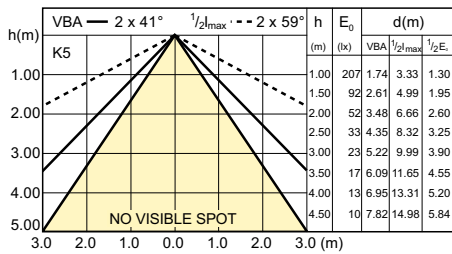
LEDbulb, AmbientLED BR30 9W-65W 5000K 650lm



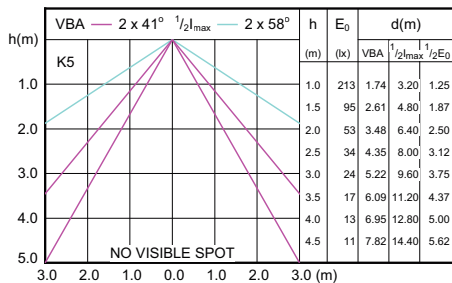
LEDbulb, R20 27000K DIM



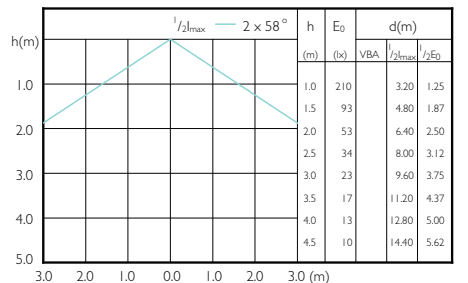
LEDbulb, Basic BR40 9W-65W 2700K 650lm WG



LEDbulb, Basic BR40 8-65W 5000K 650lm



LEDbulb 9.5-65W E26 BR30 927



LEDBulbs BR30 120V 19-120W 1200lm 2700K E26 D

