

90 CRI, Field-Adjustable Lamps



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Selectable wattage and color temp
- Energy-efficient replacement for incandescent and halogen lamps
- Produces rich and vibrant colors >90CRI
- Longer LED lifespan minimizes replacement and maintenance costs
- TRIAC/ELV dimmable down to 10%, see Dimmer Compatibility List

Power & CCT Adjustable, 120V TRIAC/ELV



PERFORMANCE

Catalog Number	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Beam Angle	Color Temp	Environment
A19-WS4-E26-6CCT-DIM	100/75/60/40W Incandescent	13.5/9.5/6.5/4W	1,600/1,100/800/450 lm	118 lm/W	230°	Default: 3000K Field adjustable via dip switch 2700/3000/3500/4000/5000/6500K"	Dry/Damp
R20-WS3-E26-6CCT-DIM	100/75/50W Incandescent	12/9/5.5W	1,400/950/500 lm	116 lm/W	120°		Dry/Damp
BR30-WS3-E26-6CCT-DIM	90/75/65W Incandescent	15/11/8W	1,260/940/650 lm	84 lm/W	120°		Dry/Damp
BR40-WS3-E26-6CCT-DIM	120/90/75W Incandescent	19/13/10W	1,740/1,260/940 lm	91 lm/W	120°		Dry/Damp
PAR16-WS2-E26-6CCT-DIM	60/45W Incandescent	6.5W/5.2W	550/450 lm	85 lm/W	40°		Wet

90 CRI, Field-Adjustable Lamps



TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Field-Adjustable Lamps

Shape

A19, R20, BR30, BR40, PAR16

End-cap Material

Corrosion-resistant aluminum end-caps

Enclosure Material

Shatter-resistant polycarbonate housing

Finish

White

Lens Finish

Frosted

Base Type

E26 Edison

ELECTRICAL

Dimmable

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Driver

Catalog Number	Input Current @ 120V (mA)
A19-WS4-E26-6CCT-DIM	183mA
R20-WS3-E26-6CCT-DIM	163mA
BR30-WS3-E26-6CCT-DIM	203mA
BR40-WS3-E26-6CCT-DIM	255mA
PAR16-WS2-E26-6CCT-DIM	91mA

Input Voltage

120V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20° to 40°C)

Power Factor

0.7

LED CHARACTERISTICS

Lifespan

25,000hr LED Lifespan based on IES LM-80 results and TM-21

Beam Angle

A19: 230°

R20, BR30, BR40: 120°

PAR16 40°

Color Temperature

Field adjustable via dip switch 2700/3000/3500/4000/5000/6500K

Default: 3000K

Color Accuracy (CRI)

CRI 90

R9 Value

High-color performance with R9 no greater than 0

Color Consistency

<4-step (2700K & 5000K) MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

COMPLIANCE

Listings

UL1993

Environment

Suitable for use indoors in dry and damp environments. Except PAR16, it is wet rated for indoor and outdoor environments.

Fixture Rating

Suitable for use in enclosed fixtures

California Title 20 Compliant

Can be used to conform with the requirements of California Title 20.

California Energy Commission (CEC) Status

Lawful for Sales in California

RoHS

Mercury and UV free. RoHS-compliant components.

FCC

Complies with Part 15 of the FCC Rules

OTHER

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

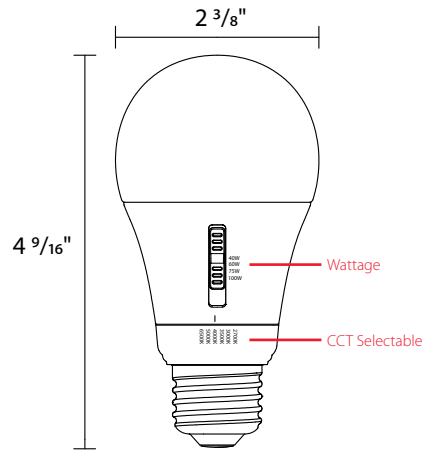
90 CRI, Field-Adjustable Lamps



DIMENSIONS

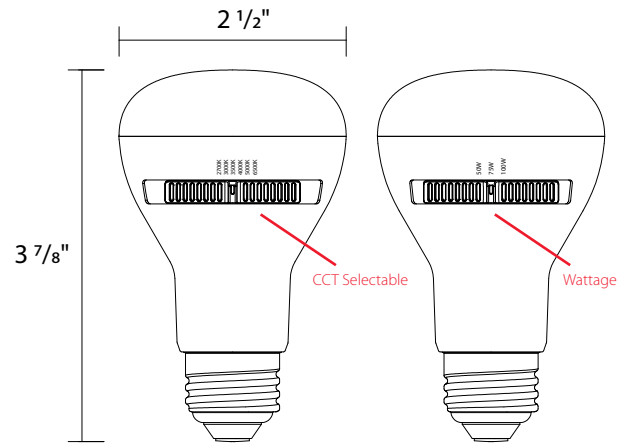
A19-WS4-E26-6CCT-DIM

Weight: 0.19 lbs



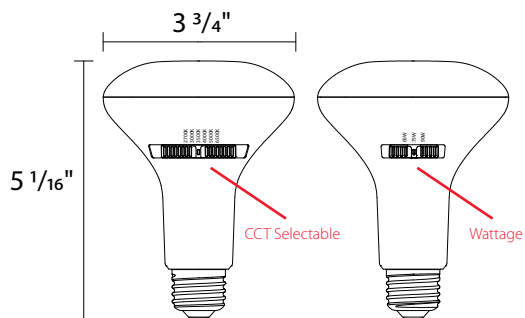
R20-WS3-E26-6CCT-DIM

Weight: 0.19 lbs



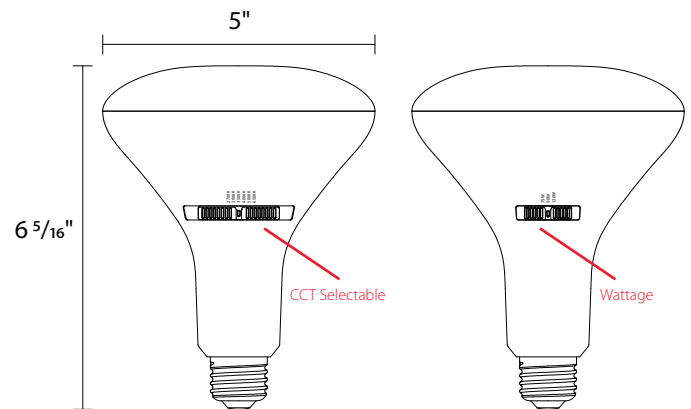
BR30-WS3-E26-6CCT-DIM

Weight: 0.32 lbs



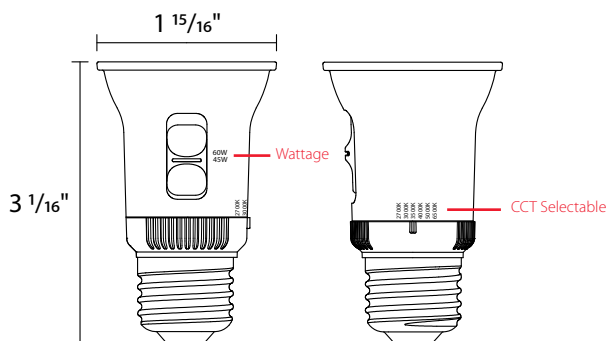
BR40-WS3-E26-6CCT-DIM

Weight: 0.53 lbs



PAR16-WS2-E26-6CCT-DIM

Weight: 0.13 lbs



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ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
A19-WS4-E26-6CCT-DIM	A19-WS4-E26-6CCT-DIM	192552063395	48
R20-WS3-E26-6CCT-DIM	R20-WS3-E26-6CCT-DIM	192552063401	56
BR30-WS3-E26-6CCT-DIM	BR30-WS3-E26-6CCT-DIM	192552063418	30
BR40-WS3-E26-6CCT-DIM	BR40-WS3-E26-6CCT-DIM	192552063425	10
PAR16-WS2-E26-6CCT-DIM	PAR16-WS2-E26-6CCT-DIM	192552063432	48

ORDERING MATRIX

Family	Wattage	Base	CRI/Color Temp	Driver
A-Line				
A19	WS4			
4	Wattage Selectable	E26 Edison	6 CCT 90 CRI, CCT Adjustable	DIM 120V; TRIAC/ELV
Reflectors				
R20 BR30 BR40	WS3			
3	Wattage Selectable	E26 Edison	6 CCT 90 CRI, CCT Adjustable	DIM 120V; TRIAC/ELV
PAR16				
PAR16	WS2			
2	Wattage Selectable	E26 Edison	6 CCT 90 CRI, CCT Adjustable	DIM 120V; TRIAC/ELV

Dimmer Compatibility List

A19-WS4-E26-6CCT-DIM
R20-WS3-E26-6CCT-DIM
BR30-WS3-E26-6CCT-DIM
BR40-WS3-E26-6CCT-DIM
PAR16-WS2-E26-6CCT-DIM

Nr	Dimmer Brand	Dimming Type
1	Lutron	DVCL-153PR-WH
2	Leviton	R11-DSL06-1TW
3	Lutron	MACL-153MLH-WH
4	Lutron	P-PKG1W-WH-R
5	Lutron	STCL-153PH-WH
6	Leviton	R00-RNL06-0TW
7	Leviton	R02-DW6HD-2RW
8	Leviton	R68-06674-P0T
9	Legrand	RHCL453PNICCV4
10	TP-link	HS220
11	THD	HPDA311CWB
12	THD	ROTARY
13	THD	PADDLE