



# BR20, BR30 & BR40

## FEATURES

- Soft light with wide, flood distribution.
- Dimmable to 10% on most dimmers.
- Maintenance free operation, lasts up to 25x longer than conventional lighting.
- 25,000 hour rated design life.
- RoHS compliant – contains no mercury or lead.
- Uniform design with reduced materials.

## BENEFITS

- Optical design achieves smooth beam pattern to achieve a warm room filling glow and minimize glare.
- Long rated life – reduces maintenance cost.
- Innovative materials reduce waste and environmental impact.
- Installs easily into new or retrofit applications.

## APPLICATIONS

- Downlighting for recessed cans in commercial, residential, retail, hospitality and office applications.

25,000 hour rated design life

## ANNUAL OVERALL SAVINGS<sup>1</sup>

Standard Incandescent

BR30 65WE

Maintenance Cost <b>\$29</b>	Savings <b>\$18</b>
Electricity Cost <b>\$21</b>	Electricity Cost <b>\$3</b>

**BR30 65WE LIFETIME SAVINGS:  
\$151**

## BR30 COMPARISON

	INCANDESCENT	BR30
WATTAGE:	75W	10W
LIFETIME:	2,000 HRS	UP TO 25,000 HRS

Up to 84% energy savings!



**BR20** ★

Part Number	Base Type	Wattage	Lumens	Voltage	Efficacy	CRI
LS BR20 50WE W27 120 CB BX	E26	8	550	120	69	80
LS BR20 50WE CW 120 CB BX	E26	8	600	120	75	80

**BR30** ★

Part Number	Base Type	Wattage	Lumens	Voltage	Efficacy	CRI
LS BR30 65WE W27 120 CB BX	E26	10	650	120	65	80
LS BR30 65WE CW 120 CB BX	E26	10	700	120	70	80

**BR40** ★

Part Number	Base Type	Wattage	Lumens	Voltage	Efficacy	CRI
LS BR40 90WE W27 120 CB BX	E26	14	1000	120	71	80
LS BR40 90WE CW 120 CB BX	E26	14	1050	120	75	80

NW: Neutral White WW: Warm White W27: Warm White 2700K CW: Cool White

**BR20 SPECIFICATIONS<sup>3</sup>**

Equivalent Source	50W Incandescent BR
Rated Life	25,000 hours
Housing	Aluminum
Socket	E26
Operating Temperature	-20°C to +40°C
Dimensions (MOL x W)	3.8in (96.52mm) x 2.9in (74mm)
Voltage	120VAC
Weight	3.8 oz, 110g
Power Factor	≥.95
Warranty	5 year limited

**BR30 SPECIFICATIONS<sup>3</sup>**

Equivalent Source	65W Incandescent BR
Rated Life	25,000 hours
Housing	Aluminum
Socket	E26
Operating Temperature	-20°C to +40°C
Dimensions (MOL x W)	5.2in (132.08mm) x 4in (102mm)
Voltage	120VAC
Weight	4.9 oz, 140g
Power Factor	≥.95
Warranty	5 year limited

**BR40 SPECIFICATIONS<sup>3</sup>**

Equivalent Source	90W Incandescent BR
Rated Life	25,000 hours
Housing	Aluminum
Socket	E26
Operating Temperature	-20°C to +40°C
Dimensions (MOL x W)	5.5 in (139.7mm) x 5in (127mm)
Voltage	120VAC
Weight	7.05 oz, 200g
Power Factor	≥.94
Warranty	5 year limited

Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

- Savings based on 8hrs/day annual hours of operation, \$0.114 average cost per KWH, \$40/hr. cost of labor and 15 minutes maintenance time to change lamp.
- Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current, equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dim51ng system manufacturer for additional support in operation.
- Values are nominal, advances from further innovation, specifications are subject to change.

**DIMMER COMPATABILITY<sup>2</sup>**

**50WE BR20**

LUTRON

C\*L Wall Mount: Diva/Skylark/Skylark

Contour/Ariadni/Toggler/Lumea

Maestro: MACL-153M

RadioRA2: RRD-6NA

Homeworks QS: HQRD-6NA

**65WE BR30**

LUTRON

C\*L Wall Mount: Diva/Skylark/Skylark

Contour/Ariadni/Toggler/Lumea

Maestro: MACL-153M

**90WE BR40**

LUTRON

Maestro: MACL-153M

Maestro Wireless: MRF2-6ND

Homeworks QS: HQRD-6ND, HQRD-10ND

Maestro Sensor: MSCL-OP153M, MSCL-VP153M



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



**ORDERING INFORMATION \ \ LS BR20 50WE WW 120 CB BX**

Family	Product	Watt Equivalent	Color (CCT)	Voltage	Family	Packaging
LS Lighting Science	BR20 BR20	50WE 50W Equivalent	W27 Warm White 2700K	120 120 Volt	CB Chicken Bone	BX Box
	BR30 BR30	65WE 65W Equivalent	CW Cool White 5000K			
	BR40 BR40	90WE 90W Equivalent				

**NORTH AMERICAN CERTIFICATIONS**



**ENVIRONMENT**

