

LBR-30™

BR30 LED Lamp



PERFORMANCE SUMMARY

Utilizes Cree TrueWhite® Technology

Active Color Management

ENERGY STAR® qualified to last at least 25,000 hours

DELIVERED LIGHT OUTPUT: 600 lumens

INPUT POWER: 12 watts

CRI: 94

CCT: 2700K

BEAM ANGLE: 25°, 50°

CBCP: 1940 (25°), 785 (50°)

WARRANTY: 3 year limited warranty†

LIFETIME: Designed to last 50,000 hours in open fixtures

NON-IC LIFETIME: Designed to last 35,000 hours in non-IC recessed downlights

DIMMING: Dimmable to 20% with ELV dimmers

PRODUCT DESCRIPTION

The LBR-30 LED BR30 lamp delivers up to 600 lumens of exceptional 94 CRI light while achieving 50 lumens per watt. It is available in a warm color temperature with 25° or 50° beam angles, and Edison or GU24 bases.

CONSTRUCTION & MATERIALS

Durable die-cast aluminum housing with lens protects LEDs and optical system. Thermal management system uses integral heat sink to conduct heat away from LEDs and transfer it to the surrounding environment for optimal performance. Housing conforms to ANSI standards for BR30 lamp envelopes. Available with Edison or GU24 base. Compatible with Cree TL lamp holder.

Dimensions: Ø 4.25" x 5.5"

OPTICAL SYSTEM

Combination of diffusing lens and internal beam enhancer redirects light to achieve a uniform, comfortable appearance that eliminates pixelation and direct view of unshielded LEDs. This ensures smooth light patterns are projected with no hot spots and minimal striations. Innovative beam enhancer is precisely designed for exceptional optical control, enabling 25° or 50° beam angles with almost no light wasted outside of the beam. This ensures low brightness appearance when viewed from off-axis and outside of the beam.

ELECTRICAL SYSTEM

Integral, high-efficiency driver and power supply. Power factor > 0.9 nominal. Input voltage: 120V, 60Hz. Dimmable to 20% with ELV dimmers.

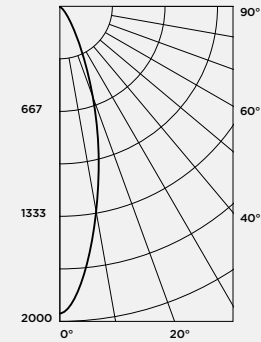
QUALIFICATIONS

- ENERGY STAR® qualified
- cULus listed
- California Title-24 compliant (GU24 only)
- Suitable for damp locations

†Consult www.cree.com/lighting for warranty terms.

PHOTOMETRY

LBR30A92-25D Based on OnSpex #: 30015498-1



Intensity (Candlepower) Summary

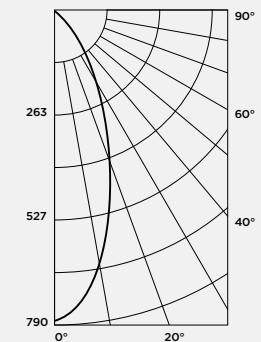
Angle Mean CP

0°	1940
5°	1822
15°	796
25°	277
35°	89
45°	51
55°	29
65°	15
75°	7
85°	3
90°	2

Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	454	75.67%
0-40	512	85.33%
0-60	577	96.17%
0-90	600	100%

LBR30A92-50D Based on OnSpex #: 30015498-2



Intensity (Candlepower) Summary

Angle Mean CP

0°	785
5°	748
15°	537
25°	302
35°	154
45°	76
55°	39
65°	19
75°	7
85°	1
90°	0

Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	365	60.83%
0-40	470	78.33%
0-60	572	95.33%
0-90	600	100%