



Surface Mount LED Kitchen Light, 2W 12VDC 6500K Milky Lens, 120° Beam

- Surface-mount aluminum housing with silver finish
- Operates at 12VDC, drawing 2 watts
- 6500K color temperature with 80 CRI
- 120° beam angle through milky diffusion lens
- 1-meter cable with 3.5×1.35mm DC male connector
- Rated for 50,000-hour LED lifetime

OVERVIEW

The K-R2B-65K is a surface-mount LED kitchen light designed for under-cabinet and enclosed-space applications where a low-voltage, compact fixture is required. It mounts directly to a surface and is suited for cabinetry, display cases, and similar installations requiring a clean, diffused light source.

The fixture operates at 12VDC and draws 2 watts, producing a 6500K daylight color output with a CRI of 80 and a 120° beam angle through a milky lens that diffuses the light for even illumination. The aluminum housing has a silver finish and rated LED lifetime of 50,000 hours. The unit includes a 1-meter cable terminated with a 3.5×1.35mm DC male connector for straightforward low-voltage wiring integration.

The fixture carries a 1-year limited warranty.

SPECIFICATIONS

OPTICAL

Color Temperature	6,500 K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h

MECHANICAL

Finish	Silver
Material	Aluminum
Mounting	Surface mount

ELECTRICAL

Operating Voltage	12 V
Wattage	2 W
Input Connection Type	3.5×1.35mm DC male connector
Wire Length	39.4 in

ORDERING

Warranty	1 y
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APPLICATIONS

Under-cabinet kitchen lighting Display case illumination Cabinetry accent lighting Enclosed low-voltage lighting installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
cct_k	6,500 K	pdf	high
cri	80	db	high

slug	value	source	confidence
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	2 W	db	high
input_connection_type	3.5×1.35mm DC male connector	pdf	high
wire_length	39.4 in	pdf	medium
finish	Silver	db	high
material	Aluminum	db	high
mount_type	Surface mount	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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