

KBL Series
LED High-Bay/Low-Bay Luminaire



A Safer, More Productive Space Starts Near The Ceiling

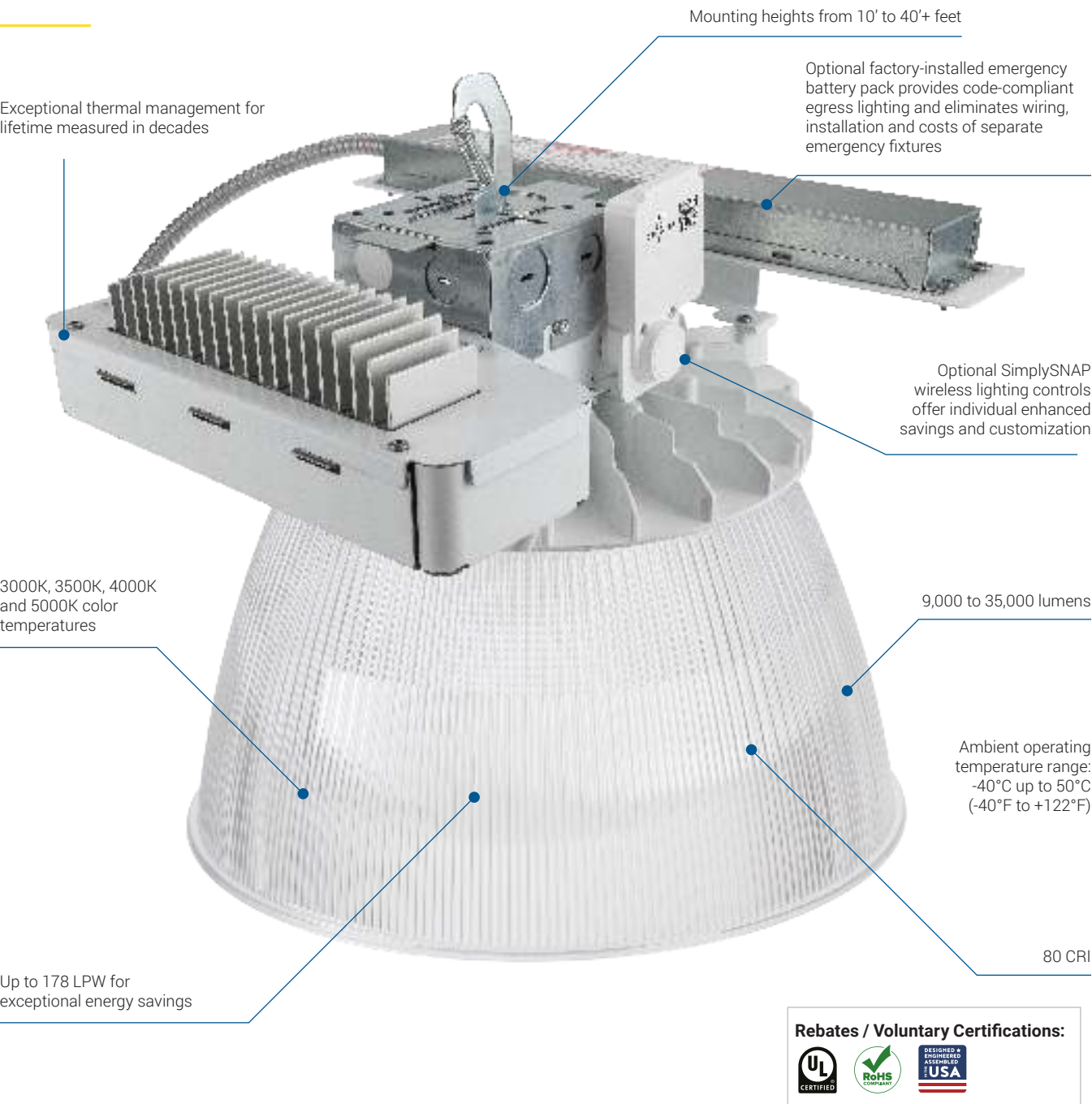
Now offering more choices, uniformity, comfort and optional code-compliant wireless controls that unlock the full potential of LED lighting, Cree Lighting's KBL Series High-Bay/Low-Bay luminaire is the ideal choice for almost any mainstream high-bay/low-bay lighting application, giving facilities more of everything for a brighter, safer and more productive workday.

Ideal for industrial facilities, light manufacturing, warehouses, depots and athletic venues, the KBL Series has six industry-standard lumen packages at 80 CRI for color-critical environments. The KBL Series delivers even illumination with reflector choices of aluminum, clear acrylic, clear polycarbonate or white acrylic while optional lenses offer enhanced uplight and maximize uniformity.

Available standard with a five-year warranty and optional 10-year coverage and delivering from 9,000 to 35,000 lumens, the KBL Series is a solid investment with highly dependable, worry-free performance that maximizes savings opportunities.

CREE  **LIGHTING**

Built to Exceed Even High Expectations



Performance Summary	
Nominal Delivered Lumens: 9,000 – 35,000 lumens	Limited Warranty: 5 years on luminaire, BML, Synapse options; 1 year on luminaire accessories; 10-year luminaire warranty option also available
Input Power: 55-200 watts	
Efficacy: Up to 178 LPW	Mounting: Universal Mount: Hook & Cord, Pendant
CRI: 80	Weight: Maximum 14 lbs.
CCT: 3000K, 3500K, 4000K, 5000K	Dimming: 0-10V dimming to 10% or Bluetooth® Enabled Multi-Level
Input Voltage: 120-277 VAC or 347-480 VAC (without step-down transformer)	Assembled in the U.S.A. of U.S. and imported parts

Energy Efficiency and Savings

The KBL Series makes it even easier for customers to dial in extreme energy savings and better light that's virtually maintenance-free. Once installed, the KBL Series' extreme reliability, long life and energy-sipping design provide a low cost of ownership that optional Synapse® SimplySNAP controls lower even further.

- Operating at significantly lower wattage and up to 178 LPW
- Energy usage cut by half or more, with savings of up to 65% over metal halide and 57% over T5 fluorescent lighting
- 1:1 for easy retrofits at any height
- Exceptional lumen maintenance for many years of worry-free operation
- No more productivity-killing work stoppages required to change metal halide and fluorescent lamps



Broad Range Of Lumen Packages And Mounting Heights

With new lumen packages and mounting heights, the KBL Series covers an expansive range of high-bay/low-bay applications.

- 9L, 12L, 18L, 24L, 30L and 35L lumen packages with intuitive selection of the right performance package
- 3000K, 3500K, 4000K and 5000K CCT
- 80 CRI
- 35,000-lumen package for mounting heights up to 40'
- 9,000 and 12,000 lumen options for 10' to 15' low-bay mounting heights
- Lightweight construction, universal mounting options and tool-less reflector make installation a breeze



Proven Performance And Reliability For Real Workplace Benefits

The KBL Series High-Bay/Low-Bay luminaire is tough enough for the rigors of industrial, manufacturing and warehouse environments, while helping create a safer and more productive workplace.

The KBL Series' energy-lean design, ultra-long lifetime and rock-steady reliability reduce running costs, maintenance costs and downtime.

That efficiency does not come at the expense of visual comfort. The KBL Series' range of lens and reflector options provide dramatically better light and reduced glare, improving morale, creating a safer work environment, and increasing productivity with maintenance free operation.

- Uniform light and increased visual comfort help reduce worker fatigue, improve safety and boost morale
- Ultra-reliable engineering and 100,000-hour lumen maintenance protect productivity – no more downtime for lamp replacement
- Robust 6kV/3Ka transient protection with IP65 sealed optics
- Standard 5-year warranty with optional 10-year warranty
- Low-glare, uniform light quality provides better visibility and helps improve productivity, safety and quality control
- With instant-on, there's no warm-up so the fixtures are ready when you are



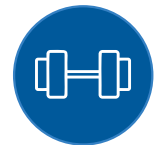
Applications



Warehouse /
Distribution Spaces



Retail /
Big-box Stores



Gymnasiums



Auditoriums /
Convention Centers



Airport Hangars

KBL Series vs. Other Solutions

Versus Metal Halide High-Bays:

- Dramatically more energy efficient, far longer life, zero warm-up or restrike time
- Requires no regulated disposal of spent bulbs as hazardous waste
- Payback in as little as 1.5 years
- 100,000-hour useful life (>100k Hr. L70 @ 50°C) is 5-7 times that of the average metal halide high-bay (15,000-20,000 hours)

Versus other LED High-Bays:

- Superior LPW
- Superior design, fit and finish to the leading competitor's product
- Optional 10 year warranty

Visit creelighting.com or contact a Cree Lighting representative to learn more.

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