LED High Bay Light

LEDio c HB Series
(HB110/HB130/HB200/HB250)

- Dimming compatible (HB200: PWM 25 - 100%)
- Lightweight design utilising magnesium alloy body
- Significant energy savings in comparison to existing HID lamps
- Highly efficient: 135  lm/W (HB250/5,000K/Ra70)
LED High Bay Light
LEDioc HB Series

- Quickly reaches full brightness
- Dimming compatible: PWM 25 - 100% (HB200)
- Lightweight magnesium alloy body
- 130W/210W/255W LEDs capable of delivering brightness equivalent to 250W/400W/700W metal halide lamps respectively (255W LED delivers brightness equivalent to 1,000W mercury vapour lamp)
- Highly efficient: 135 lm/W (HB250/5,000K/Ra70)
- Highly efficient/high-powered COB-type LED package
- Long life: 60,000 hours (L80)

COB-Type LED Package
This light source, offering top-class energy saving performance has been achieved through a new optical design utilising both a lens and a mirror, and also through highly efficient use of electric power. With COB (Chip On Board) type lighting, large numbers of LED devices are mounted directly onto the substrate. As light is therefore emitted from a single uniform surface, a natural lighting environment of even brightness, close to that created by surface emission, can be achieved.

Standard LED Package

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<th>Product Series</th>
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Ratings:
- Operating Temperature Range: -20 to +40°C
- Certification: CE

Optical:
- Distribution: Wide
- Beam Angle (half intensity): 88°
- Colour Rendering Index: 70 to 80
- Luminous Efficacy: 115 - 135 Lm/W
- Lumen Maintenance (L80): 60,000 hours

Mechanical:
- Body: Magnesium Alloy (Except Front Section)
- Power Supply Unit Case: Extruded Aluminium
- Glove: Acrylic
- Finish Colour: White
- Safety Wire Provided

Electrical:
- Built-in Power Supply Unit
- Input Voltage: 220 - 240V
- Line Frequency: 50 or 60Hz
- Power factor: >0.9 at full load
- Total Harmonic Distortion: <20% at full load
- Power Consumption: 4 Types: 110W, 135W, 210W, 255W
- Dimming Function (HB200):
  - PWM Switching Frequency: 100Hz - 1kHz
  - PWM Voltage Level: 10 - 12V
  - PWM Duty Cycle: 0 - 100%

Dimensions / Weight:
- φ297 × 460mm
- 6.5kg

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