



# LED Highbay

## 100HB/LED/750/ND NB DL BB 2/1

Philips LED high bay lamps are a direct replacement for 250W to 400W metal halide lamps which will deliver substantial energy savings. Philips LED HighBays delivers bright, clean light for a fraction of the energy used by conventional HID.

### Product data

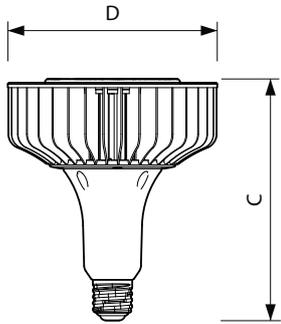
| General Information                   |                                 | Starting Time (Nom)           |                               |
|---------------------------------------|---------------------------------|-------------------------------|-------------------------------|
| Cap-Base                              | EX39 [Exclusionary Mogul Screw] | Warm-up time to 60% light     | 0.5 s                         |
| Nominal lifetime                      | 50,000 hour(s)                  | Power Factor (Fraction)       | 0.9                           |
| Switching Cycle                       | 50,000                          | Voltage (Nom)                 | 120-277 V                     |
| Lighting Technology                   | LED                             | UL Type                       | Type B - bypass the ballast   |
| EU RoHS compliant                     | Yes                             |                               |                               |
| Light Technical                       |                                 | Temperature                   |                               |
| Color Code                            | 750 [CCT of 5000K]              | T-Case Maximum (Nom)          | 70 °C                         |
| Beam Angle (Nom)                      | 70 degree(s)                    |                               |                               |
| Luminous Flux                         | 12,000 lm                       | Controls and Dimming          |                               |
| Color Designation                     | Daylight                        | Dimmable                      | No                            |
| Correlated Color Temperature (Nom)    | 5000 K                          |                               |                               |
| Luminous Efficacy (rated) (Nom)       | 120.00 lm/W                     | Mechanical and Housing        |                               |
| Color Consistency                     | <6                              | Bulb Shape                    | Others                        |
| Color rendering index (CRI)           | 70                              |                               |                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                            | Approval and Application      |                               |
|                                       |                                 | Energy Consumption kWh/1000 h | - kWh                         |
|                                       |                                 | Energy Certifications         | DLC Standard                  |
| Operating and Electrical              |                                 | Product Data                  |                               |
| Line Frequency                        | 50 to 60 Hz                     | Order product name            | 100HB/LED/750/ND NB DL BB 2/1 |
| Input Frequency                       | 50 to 60 Hz                     | Full product name             | 100HB/LED/750/ND NB DL BB 2/1 |
| Power Consumption                     | 100 W                           | Order code                    | 929001851704                  |
| Lamp Current (Nom)                    | 850 mA                          | Material Nr. (12NC)           | 929001851704                  |
| Wattage Equivalent                    | 250 W                           |                               |                               |

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|                                 |              |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack   | 1            |
| EAN/UPC - Product/Case          | 046677478032 |
| Numerator - Packs per outer box | 2            |

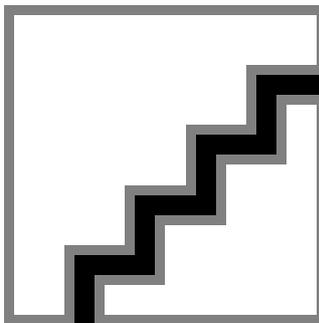
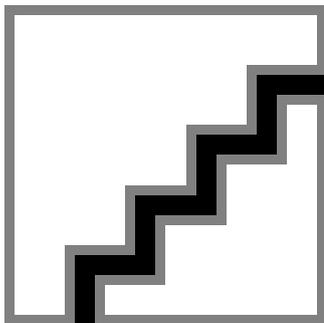
|                |                |
|----------------|----------------|
| EAN/UPC - Case | 50046677478037 |
|----------------|----------------|

## Dimensional drawing



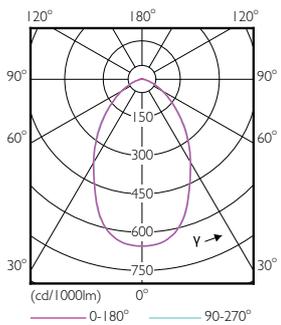
| Product                       | D      | C      |
|-------------------------------|--------|--------|
| 100HB/LED/750/ND NB DL BB 2/1 | 211 mm | 252 mm |

## Photometric data



Spectral Power Distribution Colour - 100HB/LED/750/ND NB DL BB 2/1

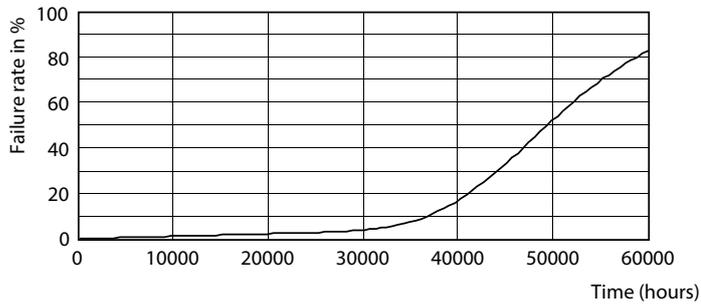
General uniform lighting - 100HB/LED/750/ND NB DL BB 2/1



Light Distribution Diagram - 100HB/LED/750/ND NB DL BB 2/1

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## Lifetime



Life Expectancy Diagram - 100HB/LED/750/ND NB DL BB 2/1

Lumen Maintenance Diagram - 100HB/LED/750/ND NB DL BB 2/1

