



# LED Highbay

## 65HB/LED/850/ND FB 4/1

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	
Cap-Base	EX39 [Exclusionary Mogul Screw]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	7,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	107.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	65 W
Lamp Current (Nom)	545 mA
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	Type B - bypass the ballast

Temperature	
T-Case Maximum (Nom)	98 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	T-shape

Approval and Application	
Energy Consumption kWh/1000 h	- kWh

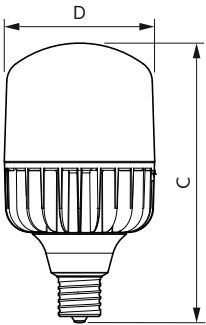
Product Data	
Order product name	65HB/LED/850/ND FB 4/1
Full product name	65HB/LED/850/ND FB 4/1
Order code	542290
Material Nr. (12NC)	929001990304

# LED Highbay

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677542290
Numerator - Packs per outer box	4

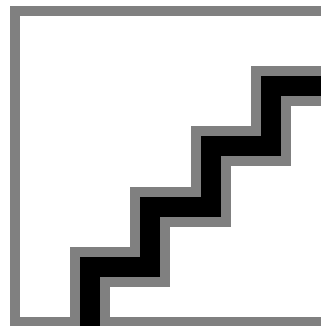
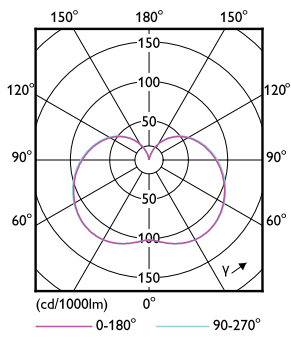
EAN/UPC - Case	50046677542295
----------------	----------------

## Dimensional drawing



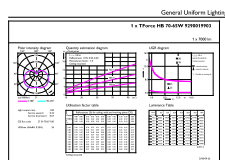
Product	D	C
65HB/LED/850/ND FB 4/1	141 mm	267 mm

## Photometric data



Light Distribution Diagram - 65HB/LED/850/ND FB 4/1

Spectral Power Distribution Colour - 65HB/LED/850/ND FB 4/1

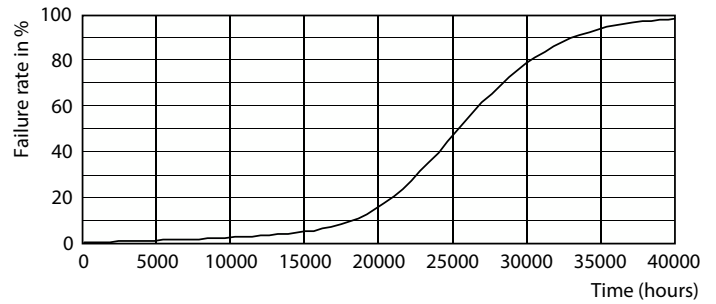
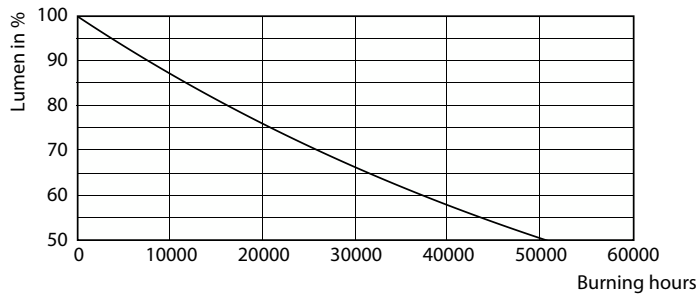


© 2023 Philips Lighting B.V. Page 11

General uniform lighting - 65HB/LED/850/ND FB 4/1

# LED Highbay

## Lifetime



Lumen Maintenance Diagram - 65HB/LED/850/ND FB 4/1

Life Expectancy Diagram - 65HB/LED/850/ND FB 4/1

