



TrueForce Core LED Industrial and Retail (Highbay – HPI/SON/HPL)

75HB/LED/850/ND FB 4/1

Philips TrueForce Core LED I&R lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce Core LED I&R lamps and bypass the existing ballast while enhancing the lighting quality.

Product data

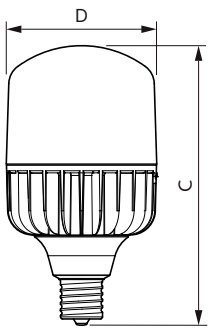
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	EX39 [Exclusionary Mogul Screw]		113.00 lm/W
Nominal Lifetime (Nom)	25000 h	Color Consistency	<6
Switching Cycle	50000X	Color Rendering Index (Nom)	80
Technical Type	75-175W	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	850 [CCT of 5000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 °	Power (Rated) (Nom)	75 W
Initial lumen (Nom)	8500 lm	Lamp Current (Nom)	650 mA
Luminous Flux (Rated) (Nom)	8500 lm	Wattage Equivalent	175 W
Color Designation	Daylight	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	5000 K	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9

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Voltage (Nom)	120-277 V
Temperature	
T-Case Maximum (Nom)	98 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted (FR)

Product Data	
Order product name	75HB/LED/850/ND FB 4/1
EAN/UPC - Product	046677542313
Order code	542316
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	929001990504
Net Weight (Piece)	0.648 kg

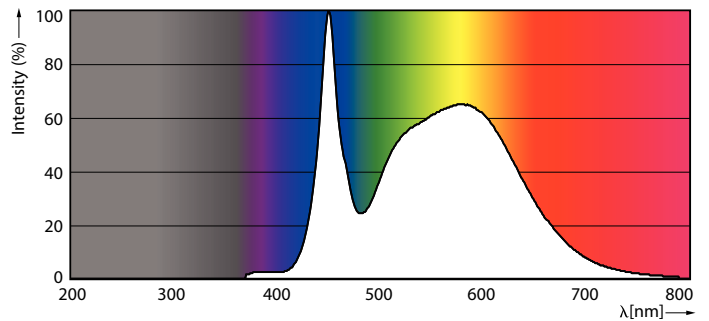
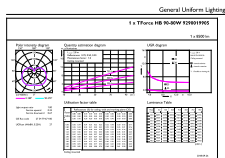
Dimensional drawing



TForce HB 85-80W EX39 850 200D

Product	D	C
75HB/LED/850/ND FB 4/1	141 mm	267 mm

Photometric data

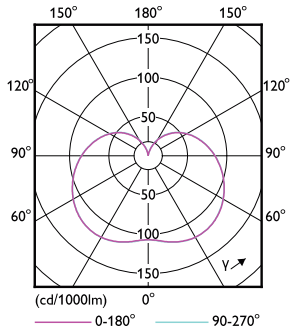


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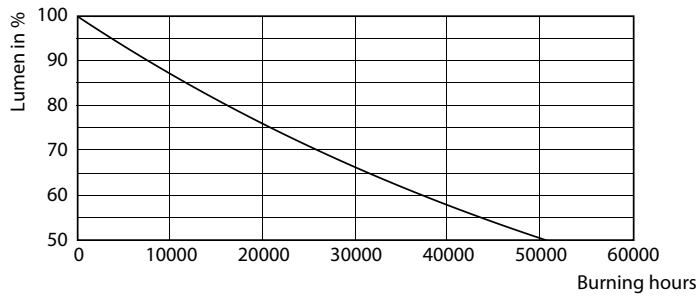
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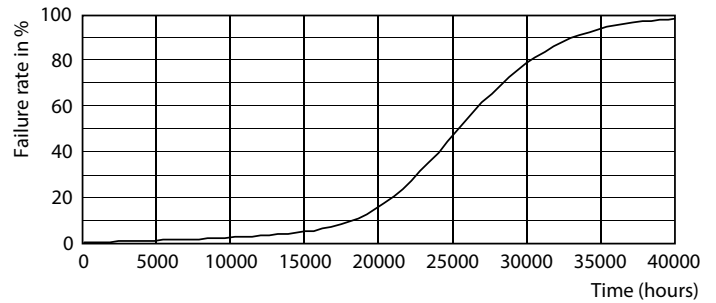


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Lifetime



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