



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

TrueForce Core HB MV ND 80W E40 865 GEN3

LED HPI, T-shape T160, Mains only, 80 W, CFL-I 150W, HID 150W, E40, 6500 K, 9000 lm, 25000 hour(s)

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			
Cap-Base	E40	Luminous Flux	9,000 lm
Nominal lifetime	25,000 hour(s)	Color Designation	Cool Daylight
Switching Cycle	50,000	Correlated Color Temperature (Nom)	6500 K
Lighting Technology	LED HPI	Luminous Efficacy (rated) (Nom)	112 lm/W
Warranty period	1 years	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Photobiological safety according to EN 62471	RG1
Light Technical			
Color Code	865 [CCT of 6500K]		
Beam Angle (Nom)	150 degree(s)		

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Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	80 W
Lamp Current (Max)	710 mA
Lamp Current (Min)	275 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	110-240 V
Wattage Equivalent (LED HID only)	CFL-I 150W, HID 150W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	83 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T-shape T160
Net Weight (Piece)	0.407 kg

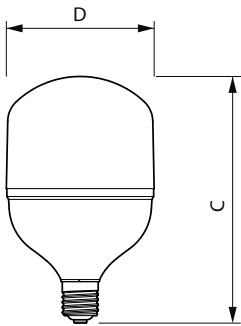
Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	80 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Product Data

Order product name	TForce Core HB MV ND 80W E40 865 GEN3
Full product name	TrueForce Core HB MV ND 80W E40 865 GEN3
Full product code	871951427026800
Order code	27026800
Material Nr. (12NC)	929002409918
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514270268
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514270275

Dimensional drawing



Product	D	C
TForce Core HB MV ND 80W E40 865 GEN3	162 mm	271 mm

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