



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

CorePro LED HPI MV 9Klm 65W 840 E40 100D

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		Operating and Electrical	
Cap-Base	E40 [E40]	Luminous Flux	9,000 lumen
CE mark	Yes	Color Designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	4000 K
Nominal lifetime	25,000 hour(s)	Luminous Efficacy (rated) (Nom)	138 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	80
Flux measurement reference	Sphere	LLMF At End Of Nominal Lifetime (Nom)	70 %
Brand	Philips		
Light Technical			
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	100 degree(s)	Input Frequency	50 to 60 Hz
		Power Consumption	65 W
		Wattage Equivalent	150 W

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

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

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	71 °C

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	T-shape

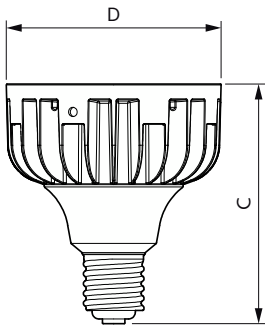
Approval and Application

Energy Consumption kWh/1000 h	65 kWh
EPREL Registration Number	1.224.910

Product Data

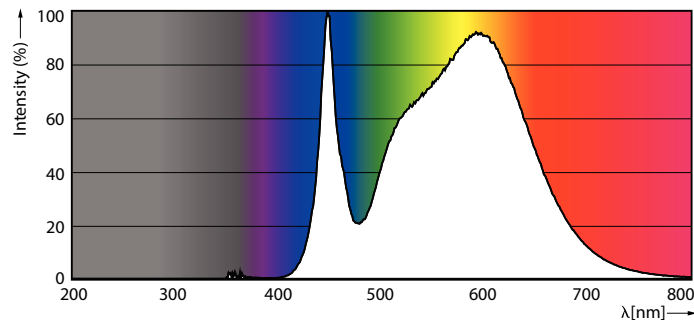
Full product code	871951442121900
Order product name	CorePro LED HPI MV 9Klm 65W 840 E40 100D
Order code	929003161602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003161602
Net weight	0.780 kg
Full product name	CorePro LED HPI MV 9Klm 65W 840 E40 100D
EAN/UPC - Case	8719514421226

Dimensional drawing

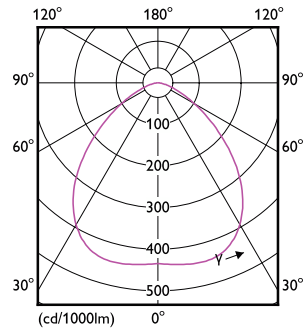


Product	D	C
CorePro LED HPI MV 9Klm 65W 840 E40 100D	140 mm	158 mm

Photometric data



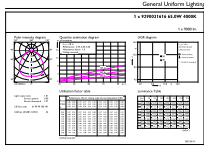
Spectral Power Distribution Colour - CorePro LED HPI MV 9Klm 65W 840 E40 100D



Light Distribution Diagram - CorePro LED HPI MV 9Klm 65W 840 E40 100D

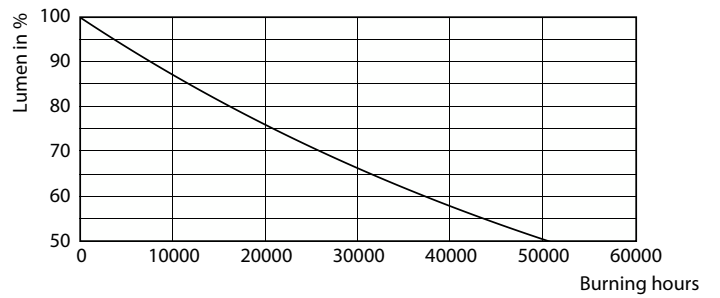
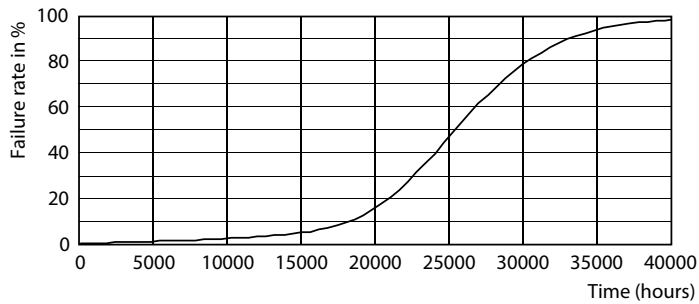
TrueForce Core LED Industrial and Retail (Highbay – HPI/SON/HPL)

Photometric data



Technical Parameters 43
Page 10

Lifetime



Life Expectancy Diagram - CorePro LED HPI MV 9Klm 65W 840 E40 100D

Lumen Maintenance Diagram - CorePro LED HPI MV 9Klm 65W 840 E40 100D

