



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

Corepro LEDBulbND 3.2Klm 30W830 E27T100

LED HPI, T-shape T100, Mains only, 220–240 V, 30 W, CFL-i
45W, HID 55W, E27, 3000 K, 3200 lm, CRI 80, 15000 hour(s)

LED HPI, T-shape T100, Mains only, 220–240 V, 30 W, LED alternative to CFL-i 45W,
HID 55W, E27, 3000 K, 3200 lm, CRI 80, 15000 hour(s), 106 lm/W, EEL F, PF 0.9,
Beam angle 180 degree(s), Plastic, RG1, IP20, SVM 0.4, PstLM 1

Product data

General Information		Color Designation	
Cap-Base	E27	White (WH)	
Nominal lifetime	15,000 hour(s)	Correlated Color Temperature (Nom)	
Switching Cycle	50,000	3000 K	
Lighting Technology	LED HPI	Luminous Efficacy (rated) (Nom)	
Flux measurement reference	Sphere	106 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		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Input Frequency	
Beam Angle (Nom)	180 degree(s)	50 to 60 Hz	
Luminous Flux	3,200 lm	Power Consumption	
		30 W	
		Lamp Current (Nom)	
		125 mA	

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220–240 V
Inrush current at mains	10.7
Max. lamp no. on MCB B type 10A – Mains	8
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	14
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Wattage Equivalent (LED HID only)	CFL-i 45W, HID 55W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	77 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	T-shape T100
Net Weight (Piece)	0.099 kg

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	30 kWh
EPREL Registration Number	2364476
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

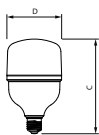
Application Conditions

can it be used in closed luminaires	No
Wireless Technology	Not applicable

Product Data

Order product name	Corepro LEDBulbND 3.2Klm 30W830 E27T100
Full product name	Corepro LEDBulbND 3.2Klm 30W830 E27T100
Full product code	872110306425700
Order code	929004605202
Material Nr. (12NC)	929004605202
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8721103064257
Numerator – Packs per outer box	6
EAN/UPC – Case	8721103064264

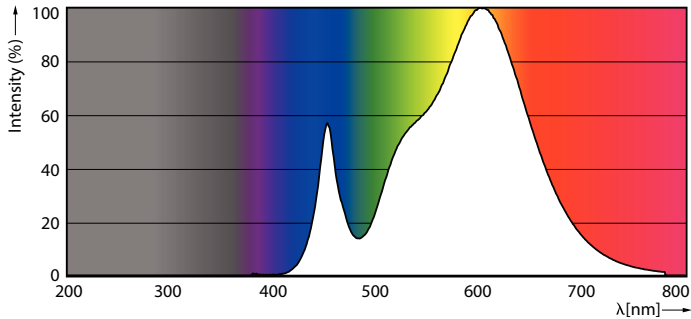
Dimensional drawing



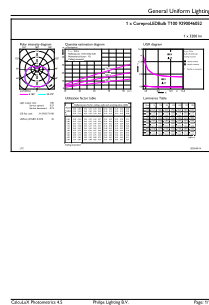
Product	D	C
Corepro LEDBulbND 3.2Klm 30W830 E27T100	100 mm	171 mm

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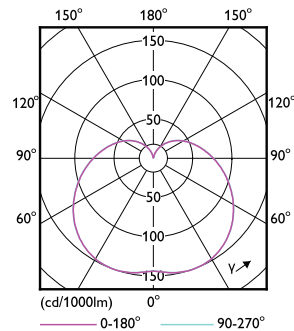
Photometric data



Spectral Power Distribution Colour - Corepro LEDBulbND 3.2Klm 30W830 E27T100

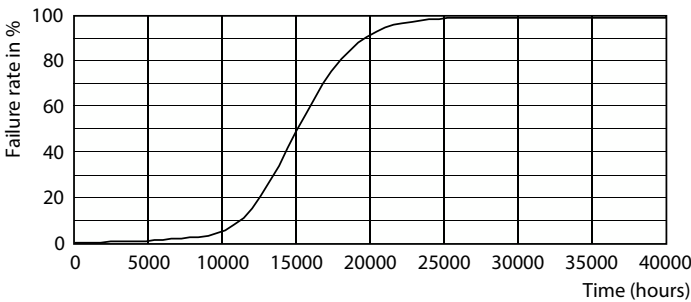


General uniform lighting - Corepro LEDBulbND 3.2Klm 30W830 E27T100

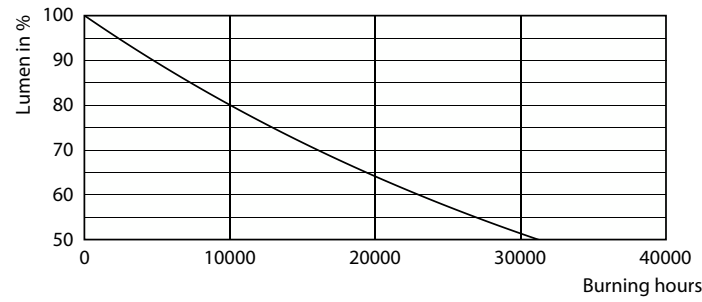


Light Distribution Diagram - Corepro LEDBulbND 3.2Klm 30W830 E27T100

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDBulbND 3.2Klm 30W830 E27T100

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