



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

Corepro LEDBulbND 4.3Klm 40W 830E27 T120

LED HPI, T-shape T120, Mains only, 220–240 V, 40 W, CFL-i 65W, HID 70W, E27, 3000 K, 4300 lm, CRI 80, 15000 hour(s)

LED HPI, T-shape T120, Mains only, 220–240 V, 40 W, LED alternative to CFL-i 65W, HID 70W, E27, 3000 K, 4300 lm, CRI 80, 15000 hour(s), 107 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	107 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	4,300 lm	Power Consumption	
		40 W	
		Lamp Current (Nom)	
		160 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	13.9
Max. lamp no. on MCB B type 10A – Mains	6
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	9
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 65W, HID 70W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	76 °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 T120
Net Weight (Piece)	0.140 kg

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	2364483
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

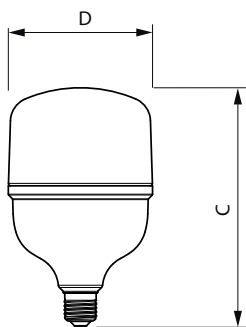
Application Conditions

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

Product Data

Order product name	Corepro LEDBulbND 4.3Klm 40W 830E27 T120
Full product name	Corepro LEDBulbND 4.3Klm 40W 830E27 T120
Full product code	872110306429500
Order code	929004605402
Material Nr. (12NC)	929004605402
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8721103064295
Numerator – Packs per outer box	6
EAN/UPC – Case	8721103064301

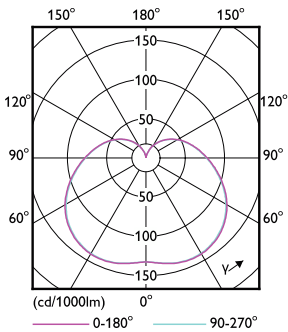
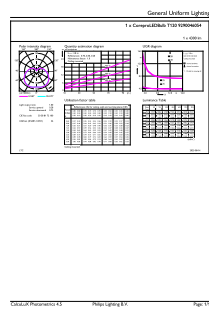
Dimensional drawing



Product	D	C
Corepro LEDBulbND 4.3Klm 40W 830E27 T120	119 mm	195 mm

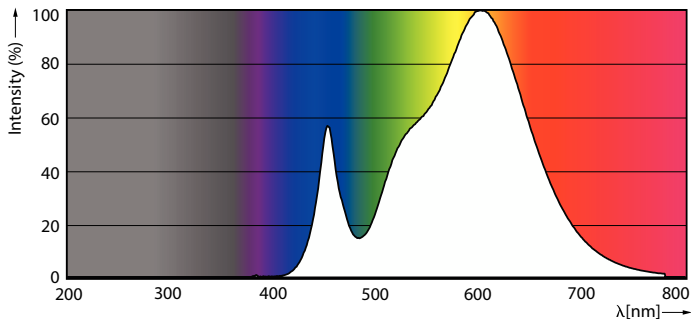
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Photometric data



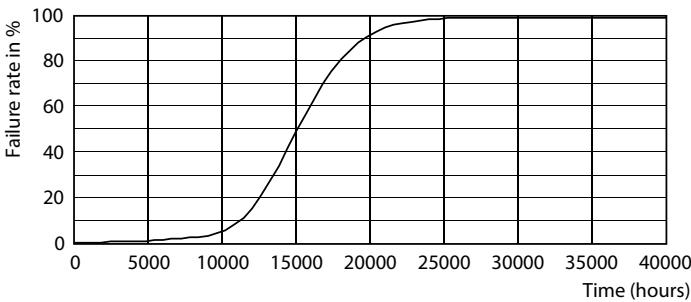
General uniform lighting – Corepro LEDBulbND 4.3Klm 40W 830E27 T120

Light Distribution Diagram – Corepro LEDBulbND 4.3Klm 40W 830E27 T120

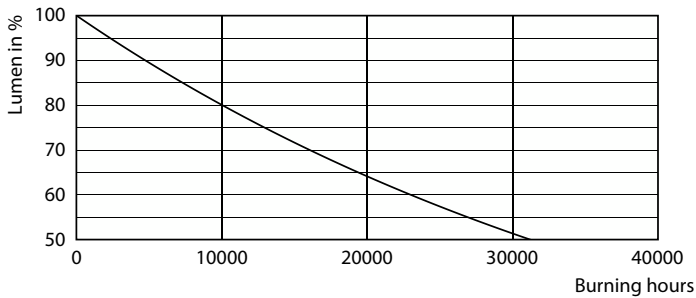


Spectral Power Distribution Colour – Corepro LEDBulbND 4.3Klm 40W 830E27 T120

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram – Corepro LEDBulbND 4.3Klm 40W 830E27 T120

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