



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



Corepro LEDBulbND 2.05Klm 20W830 E27T70

LED HPI, T-shape T70, Mains only, 220–240 V, 20 W, CFL-i
30W, HID 50W, E27, 3000 K, 2050 lm, CRI 80, 15000 hour(s)

LED HPI, T-shape T70, Mains only, 220–240 V, 20 W, LED alternative to CFL-i 30W,
HID 50W, E27, 3000 K, 2050 lm, CRI 80, 15000 hour(s), 102 lm/W, EEL F, PF 0.9,
Beam angle 180 degree(s), Plastic, RG1, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED HPI
Flux measurement reference	Sphere
Warranty period	1 years
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	2,050 lm

Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	20 W
Lamp Current (Nom)	83 mA

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)	220–240 V
Inrush current at mains	8.5
Max. lamp no. on MCB B type 10A – Mains	13
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	22
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 30W, HID 50W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	82 °C
----------------------	-------

Controls and Dimming

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

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	T-shape T70
Net Weight (Piece)	0.048 kg

Approval and Application

Energy Efficiency Class	F
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	2364482
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) – Flickering value as per EN 1 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

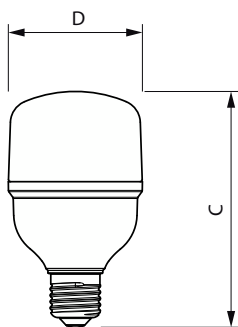
Application Conditions

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

Product Data

Order product name	Corepro LEDBulbND 2.05Klm 20W830 E27T70
Full product name	Corepro LEDBulbND 2.05Klm 20W830 E27T70
Full product code	872110306417200
Order code	929004604802
Material Nr. (12NC)	929004604802
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8721103064172
Numerator – Packs per outer box	6
EAN/UPC – Case	8721103064189

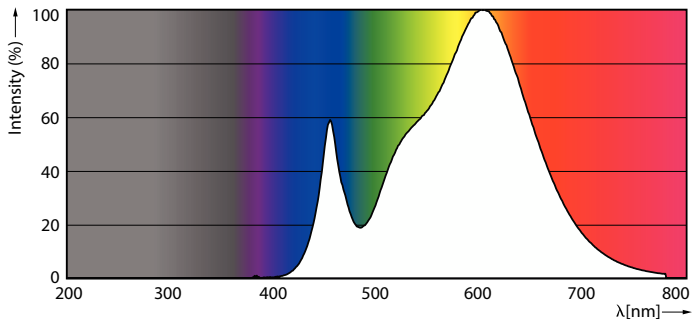
Dimensional drawing



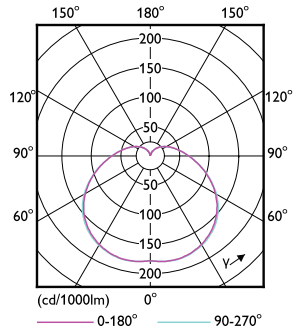
Product	D	C
Corepro LEDBulbND 2.05Klm 20W830 E27T70	70 mm	122 mm

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

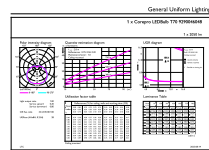
Photometric data



Spectral Power Distribution Colour - Corepro LEDBulbND 2.05Klm 20W830 E27T70



Light Distribution Diagram - Corepro LEDBulbND 2.05Klm 20W830 E27T70

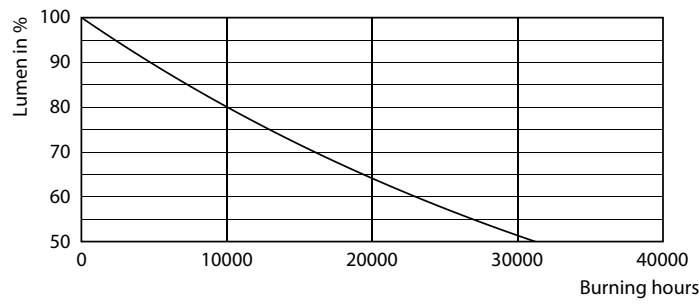


General uniform lighting - Corepro LEDBulbND 2.05Klm 20W830 E27T70

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDBulbND 2.05Klm 20W830 E27T70

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

