PHILIPS

# Lighting

**PHILIPS** 

# CorePro LEDtube InstantFit HF

# CorePro LEDtube HF 1500mm 20W840 T8 G

CorePro LEDtube InstantFit HF is an affordable LED solution suitable for replacing T8 fluorescent lamps. It provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

#### **Product data**

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	30,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	840 [CCT of 4000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	2,000 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	100 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	83				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	20000-75000 Hz				

Input Frequency	20000-75000 Hz				
Power Consumption	20 W				
Lamp Current (Max)	700 mA				
Lamp Current (Min)	200 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	30-80 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	55 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	1,500 mm				

# CorePro LEDtube InstantFit HF

Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	TUV CE marking RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	25 kWh				
Product Data					
Order product name	CorePro LEDtube HF 1500mm 20W840 T8 G				
Full product name	CorePro LEDtube HF 1500mm 20W840 T8 G				

Full product code	871869659203800			
Order code	59203800			
Material Nr. (12NC)	929001249702			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696592038			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696592045			

### Dimensional drawing



Product	D	A1	A2	A3
CorePro LEDtube HF 1500mm 20W840	27.9 mm	1,500 mm	1,505.9 mm	1,514.2 mm
T8 G				

#### Photometric data



Spectral Power Distribution Colour - CorePro LEDtube HF 1500mm 20W840 T8 G



Light Distribution Diagram - CorePro LEDtube HF 1500mm 20W840 T8 G

# CorePro LEDtube InstantFit HF

#### Photometric data



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General uniform lighting - CorePro LEDtube HF 1500mm 20W840 T8 G



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