



CorePro LED tube Universal T8

CorePro LEDtube UN 1500mm HO 23W840 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You can forget about the driver technology. Thanks to a unique design, the Philips CorePro LEDtube Universal T8 directly fits into luminaires operating either on Electro Magnetic ballasts, HF Electronic ballasts or mains power connections. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable and easy to install, the Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and reduce investment.

Product data

General Information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [Medium Bi-Pin Fluorescent]		
RoHS mark	RoHS mark		
Main application	Industrial		
Nominal lifetime (nom.)	30000 h		
Switching cycle	50000X		
B50L70	30000 h		
Light Technical		Operating and Electrical	
Colour code	840 [CCT of 4,000 K]	Input frequency	50 to 60 Hz
Beam Angle (Nom)	240 °	Power (Rated) (Nom)	23 W
Luminous flux (nom.)	2700 lm	Lamp current (nom.)	130 mA
Luminous flux (rated) (nom.)	2700 lm	Starting time (nom.)	0.5 s
Rated beam angle	240 °	Warm-up time to 60% light (nom.)	0.5 s
Correlated colour temperature (nom.)	4000 K	Power factor (nom.)	0.97
Colour consistency	<6	Voltage (Nom)	220-240 V
Color rendering index (nom.)	80		
		Temperature	
		T ambient (max.)	45 °C
		T ambient (min.)	-20 °C
		T storage (max.)	65 °C
		T storage (min.)	-40 °C
		T-Case maximum (nom.)	65 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Product length	1500 mm
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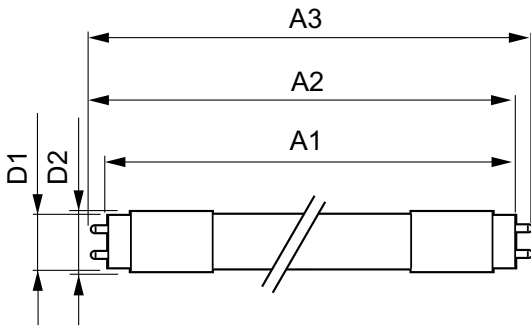
Approval and Application

Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh

Product Data

Full product code	871869680174100
Order product name	CorePro LEDtube UN 1500mm HO 23W840 T8
EAN/UPC – product	8718696801741
Order code	80174100
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001869602
Net weight (piece)	0.450 kg

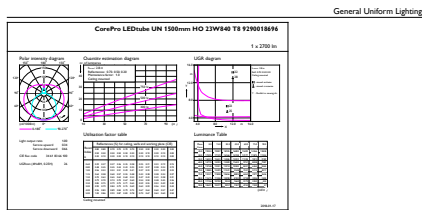
Dimensional drawing



TLED 1500mm UNV24W-54W 3100lm 4000K

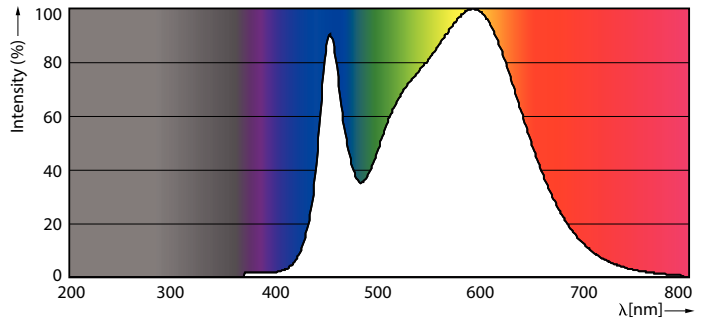
Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm HO 23W840 T8	27.9 mm	28 mm	1500 mm	1505.9 mm	1514.2 mm

Photometric data



General Uniform Lighting
Catalux Proometrics 4.5
Philips Lighting B.V.
Page 1/7

23W G13 840 4000K



18W G13

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Photometric data



18W G13 830 3000K

Lifetime



18W G13



18W G13



18W G13



18W G13

CorePro LED tube Universal T8

Lifetime



18W G13

