



MASTER LEDtube Performance

MASTER LEDtube PERF 1500mm 31W840 T8 C

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. The MASTER LEDtube Performance is the ideal solution for customers which have higher light requirements and the want to maximize value over lifetime.(need the longest lifetime). Full energy savings and TCO benefits.

Product data

• General Characteristics

Main Application	Industrial
Cap-Base	G13
Rated Lifetime (hours)	50000 hr
Nominal Lifetime hours	50000 hr

• Light Technical Characteristics

Color Code	840
Beam Angle	140 D
Correlated Color Temperature	4000 K
Color rendering index	85
Rated Luminous Flux	3100 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	6 steps
Rated Beam Angle	140 D

• Electrical Characteristics

Wattage	31 W
Voltage	220-240 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	31 W
Starting Time	0.5 (max) s
Warm-up Time to 60% Light Outp	instant full light
Energy saving product	Yes
Suitable for accent lighting	No

• Temperature Characteristics

T-case maximum	55 (max) C
Operating temperature	-30 (min), 45 (max) C
T-Storage	-40 (min), 65 (max) C

• Environmental characteristics

Energy Efficiency Label (EEL)	A+
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• Measuring Conditions

Switching cycle	50000
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• Product Dimensions

Length A1	1500.0 mm
Fixing Hole Distance	1507.0 mm
A2 Length	
Length A3	1514.0 mm
Mounting hole diameter	25.68 mm
Circular outline dimension	28 mm

• Approval & Application Chars

VDE marking	No
CE marking	Yes
UL certificate	No
RoHS compliance	Yes
KEMA Keur certificate	Yes



PHILIPS

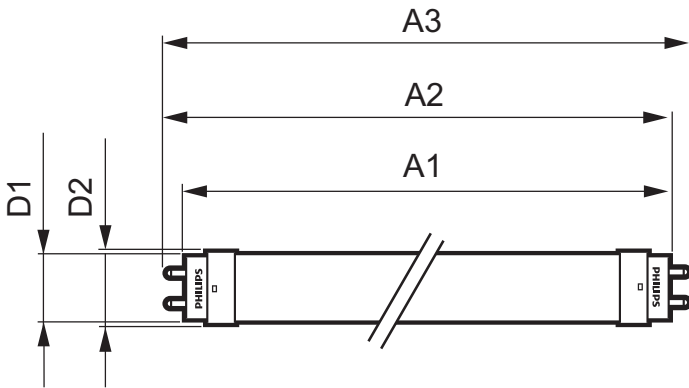
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Product Data

Order code 693697 00
 Full product code 871829169369700
 Full product name MASTER LEDtube PERF 1500mm
 31W840 T8 C
 Order product name MST LEDtube PERF 1500mm
 31W840 T8 C
 Pieces per pack 1
 Packing configuration 10

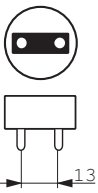
Packs per outerbox 10
 Bar code on pack - EAN1 8718291693697
 Bar code on outerbox - EAN3 8718291693703
 Logistic code(s) - 12NC 929000299802
 Net weight per piece 0.450 kg

Dimensional drawing



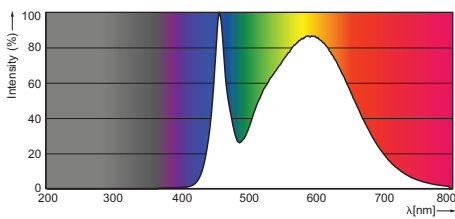
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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	D1 (Norm)	D2 (Norm)
TLED PERF 1500mm 31W840 T8 C	1500.0	1507.0	1514.0	25.68	28



G13

Photometric data



GA300, GA110 4000 K



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www.philips.com/lighting

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 data subject to change