



MASTER LEDtube Performance

MASTER LEDtube PERF 1500mm 31W830 T8 I ROT

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. This product is the ideal solution for up lighting in general lighting applications.

Product data

• General Characteristics

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

• Light Technical Characteristics

Colour Code	830
Beam Angle	140 D
Correlated Colour Temperature	3000 K
Colour rendering index	85
Rated Luminous Flux	2800 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	<5
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 A2 Length	1507.0 mm
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

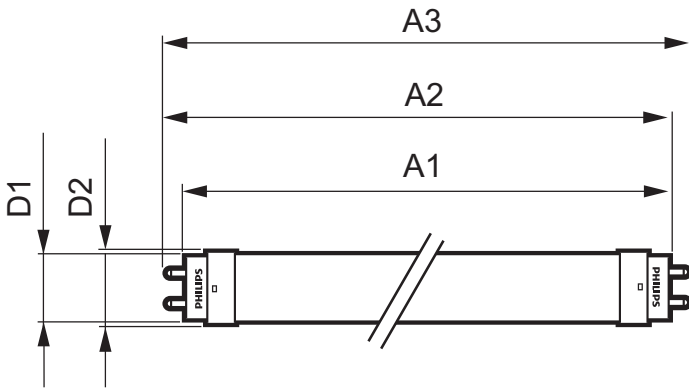
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Product Data

Order code 690085 00
 Full product code 871829169008500
 Full product name MASTER LEDtube PERF 1500mm
 31W830 T8 I ROT
 Order product name MAS LEDtube PERF 1500mm
 31W830 T8 I ROT
 Pieces per pack 1
 Packing configuration 10

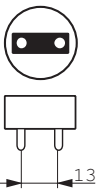
Packs per outerbox 10
 Bar code on pack - EAN1 8718291690085
 Bar code on outerbox - EAN3 8718291690092
 Logistic code(s) - 12NC 929000282902
 Net weight per piece 0.450 kg

Dimensional drawing



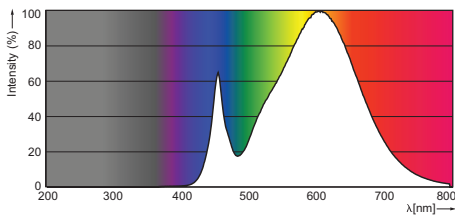
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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	D1 (Norm)	D2 (Norm)
TLED PERF 1500mm 31W830 T8 I ROT	1500.0	1507.0	1514.0	25.68	28



G13

Photometric data



TLED PERF 3000 K



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www.philips.com/lighting

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 data subject to change