



# MASTER LEDtube Performance

MASTER LEDtube PERF 1500mm 31W865 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	865
Beam Angle	140 D
Correlated Color Temperature	6500 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

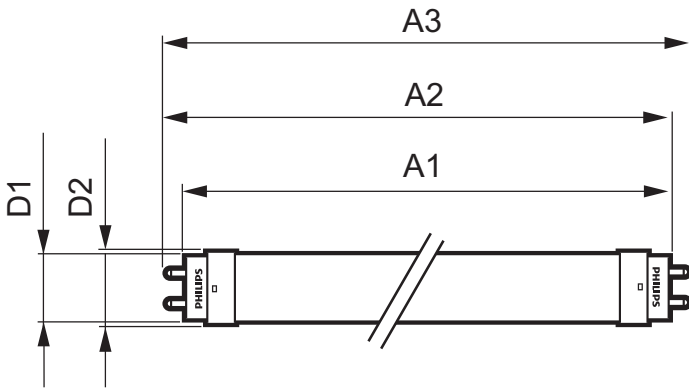
# MASTER LEDtube Performance

## Product Data

Order code 690061 00  
 Full product code 871829169006100  
 Full product name MASTER LEDtube PERF 1500mm  
 31W865 T8 C  
 Order product name MAS LEDtube PERF 1500mm  
 31W865 T8 C  
 Pieces per pack 1  
 Packing configuration 10

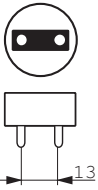
Packs per outerbox 10  
 Bar code on pack - EAN1 8718291690061  
 Bar code on outerbox - EAN3 8718291690078  
 Logistic code(s) - 12NC 929000299702  
 Net weight per piece 0.450 kg

## Dimensional drawing



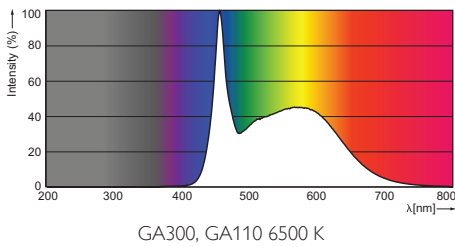
## MASTER LEDtube PERF 1500mm 31W865 T8 C

Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	D1 (Norm)	D2 (Norm)
TLED PERF 1500mm 31W865 T8 C	1500.0	1507.0	1514.0	25.68	28



G13

## Photometric data



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2014, February 1  
 data subject to change