



# MASTER LEDtube Performance

MASTER LEDtube PERF 1200mm 21W840 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	50000 hr
Nominal Lifetime hours	50000 hr

### • Light Technical Characteristics

Colour Code	840
Beam Angle	140 D
Correlated Colour Temperature	4000 K
Colour rendering index	85
Rated Luminous Flux	2100 Lm
LLMF - end nominal lifetime	70 %
Rated Beam Angle	140 D

### • Electrical Characteristics

Wattage	21 W
Voltage	100-240 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Lamp Current mA	88 (min), 210 (max) mA
Dimmable	No
Rated Wattage	21 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

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	50000X
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### • Product Dimensions

Length A1	1198.0 mm
Fixing Hole Distance	1205.0 mm
A2 Length	
Length A3	1212.0 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

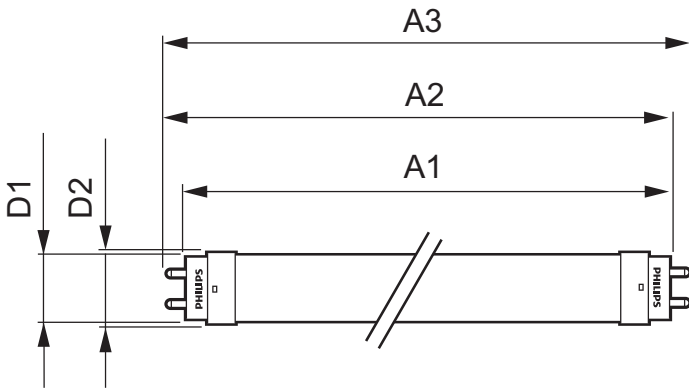
# MASTER LEDtube Performance

## Product Data

Order code 662310 00  
 Full product code 871829166231000  
 Full product name MASTER LEDtube PERF 1200mm  
 21W840 T8 I ROT  
 Order product name MAS LEDtube PERF 1200mm  
 21W840 T8 I ROT  
 Pieces per pack 1  
 Packing configuration 10

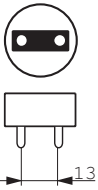
Packs per outerbox 10  
 Bar code on pack - EAN1 8718291708223  
 Bar code on outerbox - EAN3 8718291708230  
 Logistic code(s) - 12NC 929000283902  
 Net weight per piece 0.360 kg

## Dimensional drawing



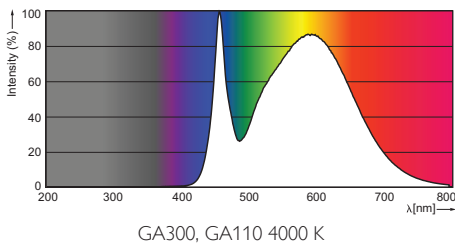
### MASTER LEDtube PERF 1200mm 21W840 T8 I ROT

Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	D1 (Norm)	D2 (Norm)
TLED PERF 1200mm 21W840 T8 I ROT	1198.0	1205.0	1212.0	25.68	28



G13

## Photometric data



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 data subject to change