



# MASTER LEDtube EM/ Mains

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MAS LEDtube 1200mm UO 18W 830 T8 RN

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime. 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

### Product data

#### • General Information

Cap-Base	G13 [ G13 Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle B50L70	200000X 50000

#### • Light Technical

Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2300 lm
Luminous Flux (Rated) (Nom)	2300 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color Consistency	6 steps
Color Rendering Index (Nom)	83

LLMF At End Of Nominal Lifetime (Nom)	70 %
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#### • Operating and Electrical

Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Lamp Current (Max)	82 mA
Lamp Current (Min)	75 mA
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	0.1 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

#### • Temperature

T-Ambient (Max)	35 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C

# PHILIPS

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## • Controls and Dimming

Dimmable No

## • Mechanical and Housing

Product Length 1200 mm

## • Approval and Application

Energy Saving Product Yes  
 Suitable For Accent Lighting No  
 Energy Efficiency Label (EEL) A++  
 Approval Marks CE marking  
 KEMA Keur certificate

Energy Consumption kWh/1000 h  
 RoHS compliance 18 kWh

## • Product Data

Full product code 871869656527800  
 Order product name MAS LEDtube 1200mm UO 18W 830 T8 RN  
 EAN/UPC - Product 8718696565278  
 Order code 929001221902  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 10  
 Material Nr. (12NC) 929001221902  
 Net Weight (Piece) 0.270 kg

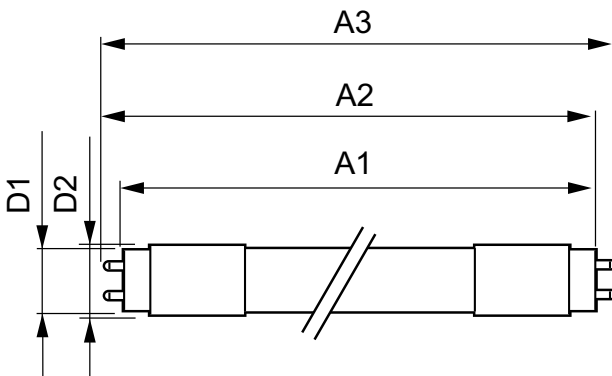
## Warnings and Safety

• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

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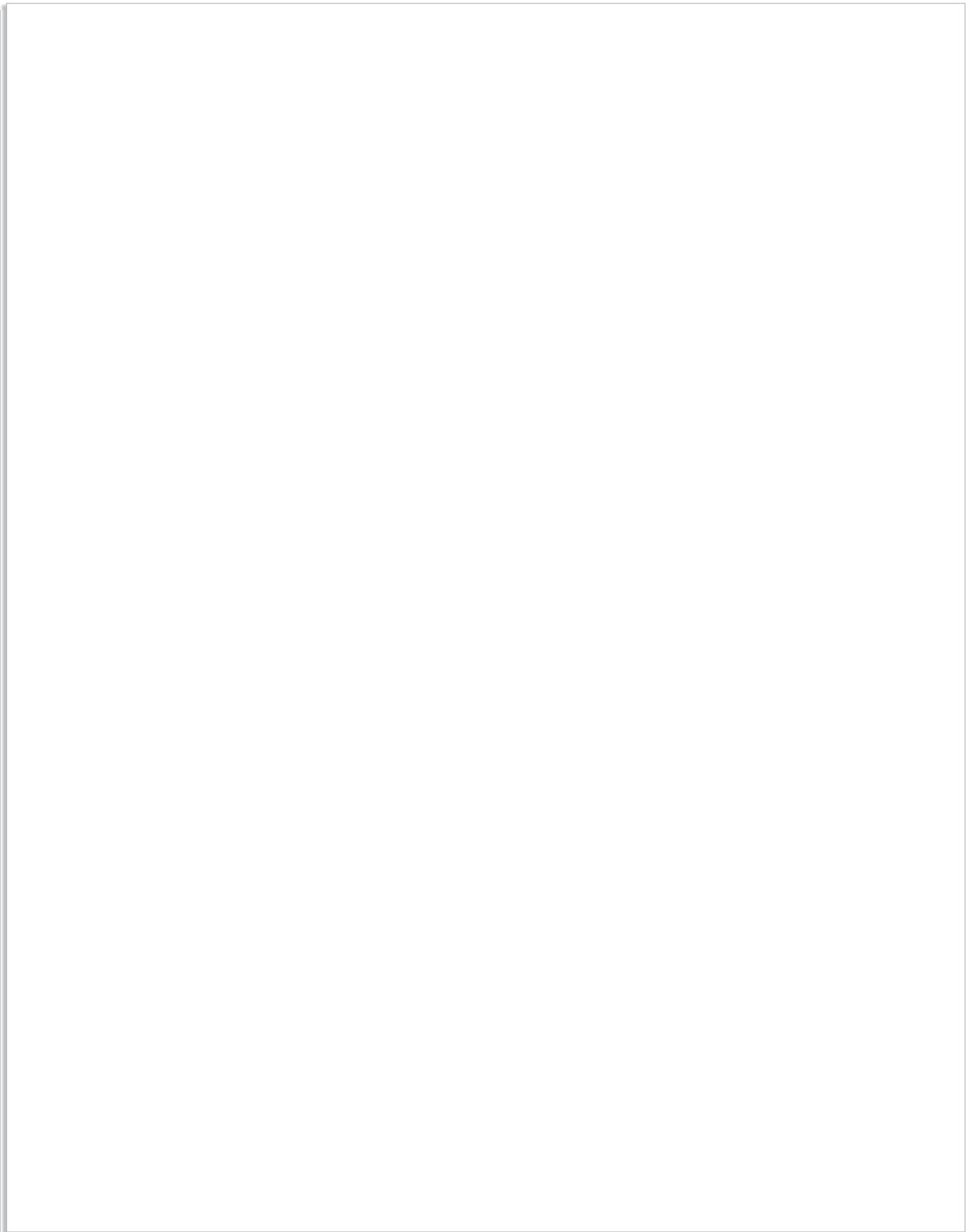
## Dimensional drawing

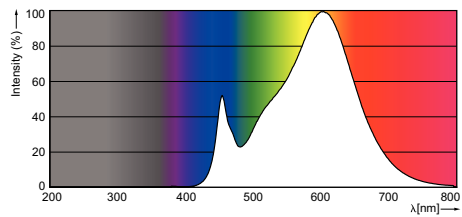


## TLED 4ft 220-240V 18W-36W 3000K G13 ND

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 18W 830 T8 RN	25.78 mm	28 mm	588.6 mm	1205.3 mm	1212.4 mm

Photometric data





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2016, June 7  
data subject to change