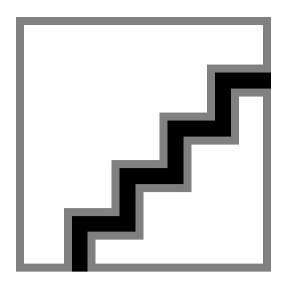
# **PHILIPS** Lighting



# MASTER LEDtube InstantFit HF T8

# MAS LEDtube HF 1200mm UO 16W840 T8

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

#### 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.

#### **Product data**

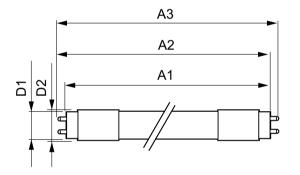
General Information		Color Consistency	<6
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin	Color rendering index (CRI)	80
	Fluorescent]	LLMF At End Of Nominal Lifetime	(Nom) 70 %
Iominal lifetime	75,000 hour(s)		
witching Cycle	50,000	Operating and Electrical	
ighting Technology	LED	Line Frequency	20000-75000 Hz
lux measurement reference	Sphere	Input Frequency	20000-75000 Hz
		Power Consumption	16 W
ight Technical		Starting Time (Nom)	0.5 s
olor Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
eam Angle (Nom)	160 degree(s)	Power Factor (Fraction)	0.9
uminous Flux	2,500 lumen	Voltage (Nom)	30-80 V
olor Designation	Cool White (CW)		
orrelated Color Temperature (Nom)	4000 K	Temperature	
uminous Efficacy (rated) (Nom)	156 lm/W	Ambient temperature range	-20 ℃ to 45 ℃

## MASTER LEDtube InstantFit HF T8

T-Case Maximum (Nom)	55 ℃			
Controls and Dimming				
Dimmable	Yes - Check ballast compatibility			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	1,200 mm			
Bulb Shape	Tube, double-ended			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	RoHS compliance TUV CE marking KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	16 kWh			

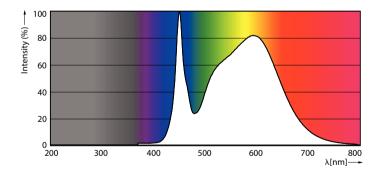
EPREL Registration Number	1,165,514		
CE mark	Yes		
EU RoHS compliant	Yes		
Product Data			
Full product code	871951446696800		
Order product name	MAS LEDtube HF 1200mm UO 16W840 T8		
Order code	929003554102		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	20		
Material number (12NC)	929003554102		
Net weight	0.230 kg		
Full product name	MAS LEDtube HF 1200mm UO 16W840 T8		
EAN/UPC - Case	8719514466975		

#### Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm UO	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16W840 T8					

#### Photometric data



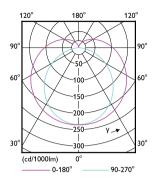
General Uniform Lighting
1 x TLED 16W 4000K 92R0035541
- 1987 - 2017 - 2017

Spectral Power Distribution Colour - MAS LEDtube HF 1200mm UO 16W840 T8

Datasheet, 2023, May 5

### MASTER LEDtube InstantFit HF T8

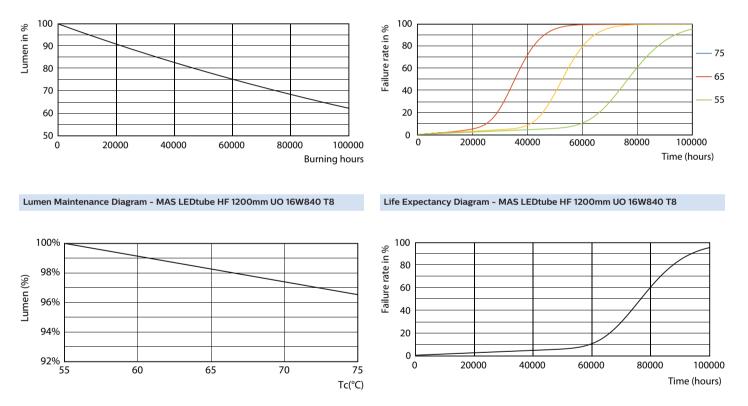
#### Photometric data



Light Distribution Diagram - MAS LEDtube HF 1200mm UO 16W840 T8

Lumen Maintenance Diagram - MAS LEDtube HF 1200mm UO 16W840 T8

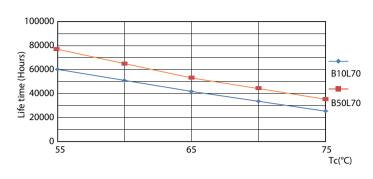
#### Lifetime





# MASTER LEDtube InstantFit HF T8

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 1200mm UO 16W840 T8



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www.lighting.philips.com 2023, May 5 - data subject to change