PHILIPS

Lighting

PHILIPS

MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm UO 16W865 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 G	i13 ROT (Rotating) [Medium Bi-Pin	Color rendering index (CRI)	80
F	luorescent]	LLMF At End Of Nominal Lifetime	(Nom) 70 %
Nominal lifetime 7	5,000 hour(s)		
witching Cycle 5	0,000	Operating and Electrical	
ighting Technology L	ED	Line Frequency	20000-75000 Hz
Flux measurement reference S	phere	Input Frequency	20000-75000 Hz
		Power Consumption	16 W
ight Technical		Starting Time (Nom)	0.5 s
olor Code 8	65 [CCT of 6500K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom) 16	50 degree(s)	Power Factor (Fraction)	0.9
uminous Flux 2	,500 lumen	Voltage (Nom)	30-80 V
Color Designation C	ool Daylight		
orrelated Color Temperature (Nom) 6	500 K	Temperature	
uminous Efficacy (rated) (Nom) 15	56 lm/W	Ambient temperature range	-20 °C to 45 °C

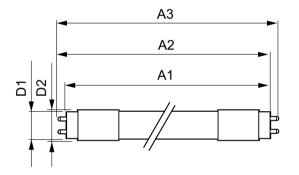


MASTER LEDtube InstantFit HF T8

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 Efficiency Class	D		
Energy Saving Product	Yes		
Approval Marks	RoHS compliance TUV CE marking KEMA Keur		
	certificate		

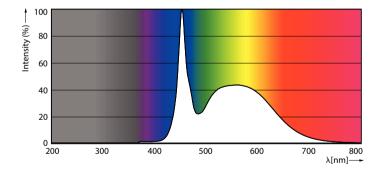
Energy Consumption kWh/1000 h	16 kWh		
EPREL Registration Number	1,165,507		
CE mark	Yes		
EU RoHS compliant	Yes		
Product Data			
Full product code	871951446698200		
Order product name	MAS LEDtube HF 1200mm UO 16W865 T8		
Order code	929003554202		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	20		
Material number (12NC)	929003554202		
Full product name	MAS LEDtube HF 1200mm UO 16W865 T8		
EAN/UPC - Case	8719514466999		

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
16W865 T8					

Photometric data

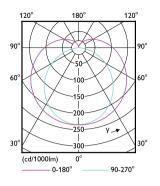


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Spectral Power Distribution Colour - MAS LEDtube HF 1200mm UO 16W865 T8

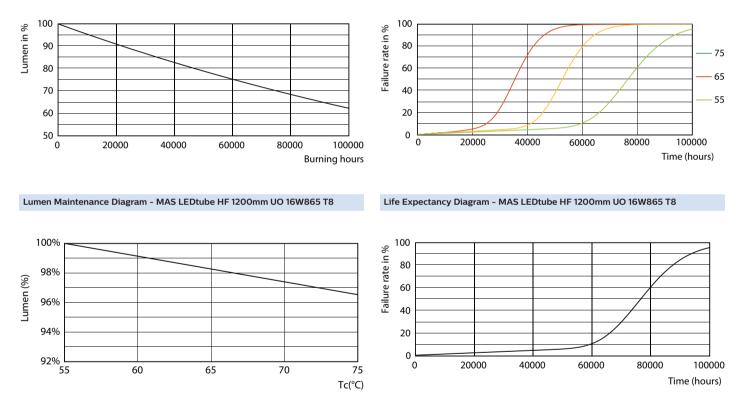
MASTER LEDtube InstantFit HF T8

Photometric data



Light Distribution Diagram - MAS LEDtube HF 1200mm UO 16W865 T8

Lifetime

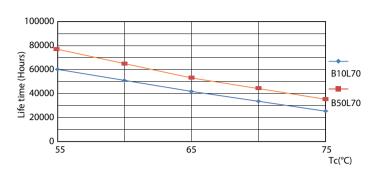




Life Expectancy Diagram - MAS LEDtube HF 1200mm UO 16W865 T8

MASTER LEDtube InstantFit HF T8

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 1200mm UO 16W865 T8



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