



MasterConnect T8

14T8/48-850/IF21/MAScon IA 10/1

Philips MasterConnect LEDtube InstantFit T8, which is Interact Ready, enables an easy upgrade to a connected lighting system without re-wiring the fixtures. The 2.4GHz mesh networking technology allows wireless integration with a variety of control devices, such as sensor and switch, for easy light automation. It also offers secure and reliable communication towards the Interact IoT platform or verified third party systems. The result? Greater energy savings, various control possibilities and a more adaptable space!

Product data

General Information		Temperature	
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	240 mA
EU RoHS compliant	Yes	Lamp Current (Min)	130 mA
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	0.5 s
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		Power Factor (Nom)	0.9
Color Code	850 [CCT of 5000K]	Voltage (Nom)	120-277, 347 V
Beam Angle (Nom)	160 °	Temperature	
Initial lumen (Nom)	2100 lm	T-Ambient (Max)	45 °C
Color Designation	Daylight	T-Ambient (Min)	-20 °C
Correlated Color Temperature (Nom)	5000 K	T-Storage (Max)	65 °C
Luminous Efficacy (rated) (Nom)	150.00 lm/W	T-Storage (Min)	-40 °C
Color Consistency	<6	T-Case Maximum (Nom)	40 °C
Color Rendering Index (Nom)	82	Controls and Dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	Wireless Dim
Operating and Electrical		Mechanical and Housing	
Input Frequency	50 to 60 Hz	Product Length	48 in
Power (Rated) (Nom)	14 W		

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Approval and Application

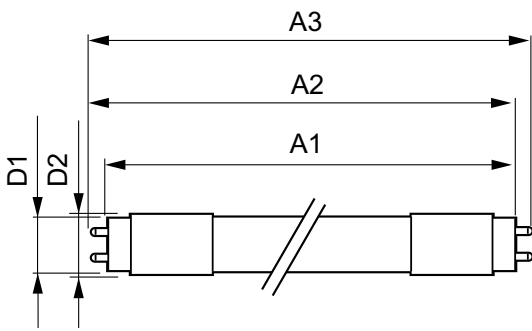
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

Product Data

Order product name	14T8/48-850/IF21/MAScon IA 10/1
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EAN/UPC - Product	046677537203
Order code	537209
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001281464
Net Weight (Piece)	0.220 kg
Model Number	9290012814

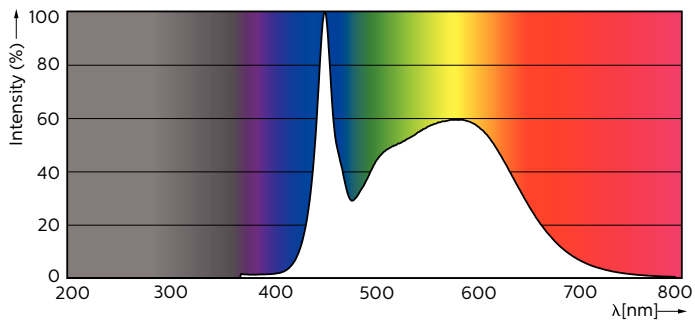
Dimensional drawing



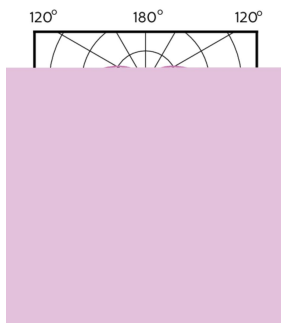
14T8/48-5000 IF 10/1 EasySmart

Product	D1	D2	A1	A2	A3
14T8/48-850/IF21/MAScon IA 10/1	25.7 mm	26.3 mm	1198 mm	1205 mm	1212 mm

Photometric data



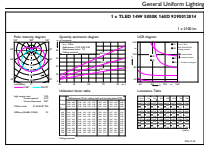
LEDtube 1200mm 14W G13 850 2100lm



LEDtube 1200mm 14W G13 2000lm

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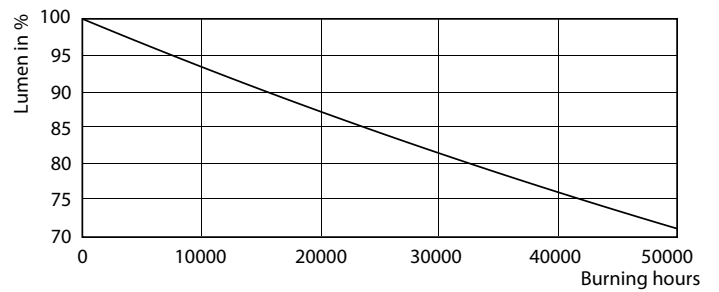
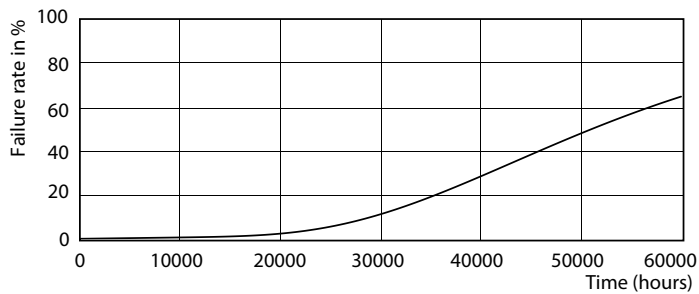
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LEDtube 1200mm 14W G13 850 2100lm

Lifetime



LEDtube 1200mm 14W G13 2000lm

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