



MasterConnect T8

14T8/48-835/IF20/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

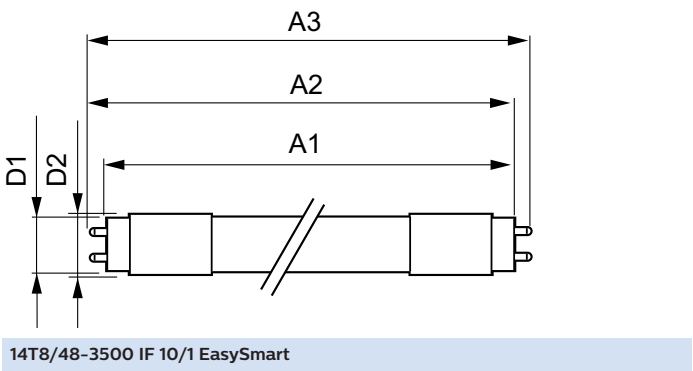
General Information		Lamp Current (Max)	
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	240 mA
EU RoHS compliant	Yes	Starting Time (Nom)	130 mA
Nominal Lifetime (Nom)	50000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Switching Cycle	50000X	Power Factor (Nom)	0.9
Light Technical		Voltage (Nom)	120-277, 347 V
Color Code	835 [CCT of 3500K]	Temperature	
Beam Angle (Nom)	160 °	T-Ambient (Max)	45 °C
Initial lumen (Nom)	2000 lm	T-Ambient (Min)	-20 °C
Color Designation	White (WH)	T-Storage (Max)	65 °C
Correlated Color Temperature (Nom)	3500 K	T-Storage (Min)	-40 °C
Luminous Efficacy (rated) (Nom)	142.86 lm/W	T-Case Maximum (Nom)	40 °C
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	82	Dimmable	Wireless Dim
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Product Length	48 in
Input Frequency	50 to 60 Hz		
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	14T8/48-835/IF20/MAScon IA 10/1

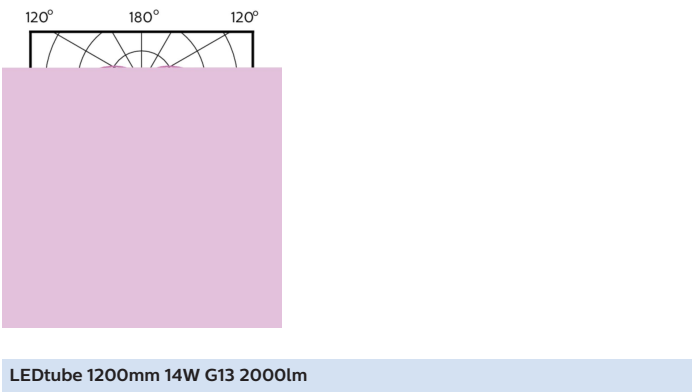
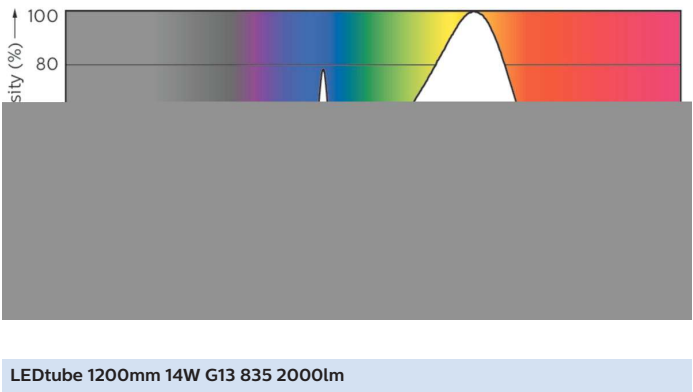
EAN/UPC - Product	046677537180
Order code	537183
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001281264
Net Weight (Piece)	0.220 kg
Model Number	9290012812

Dimensional drawing

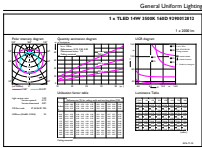


Product	D1	D2	A1	A2	A3
14T8/48-835/IF20/MAScon IA 10/1	25.7 mm	26.3 mm	1198 mm	1205 mm	1212 mm

Photometric data

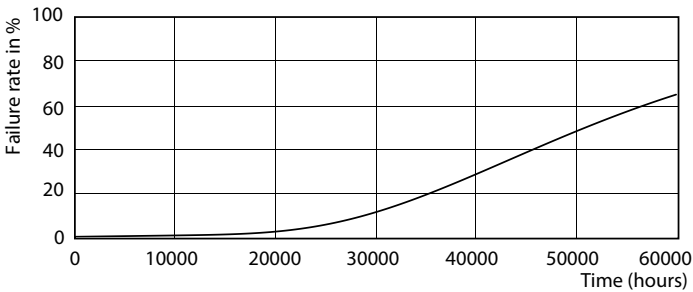


Photometric data

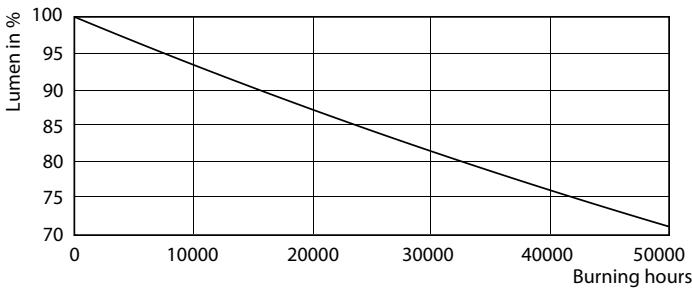


LEDtube 1200mm 14W G13 835 2000lm

Lifetime



LEDtube 1200mm 14W G13 2000lm



LEDtube 1200mm 14W G13 2000lm

