PHILIPS

Lighting

MasterConnect

15T8/24-835/IF20-6U/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	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X

Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	160 °
Initial lumen (Nom)	2000 lm
Correlated Color Temperature (Nom)	3500 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	40000-80000 Hz
Power (Rated) (Nom)	15 W
Lamp Current (Max)	350 mA
Lamp Current (Min)	120 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	160-380 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	40 °C

Controls and Dimming	
Dimmable	Wireless Dim

Mechanical and Housing	
Product Length	600 mm

Approval and Application	
Energy Saving Product	Yes

MasterConnect

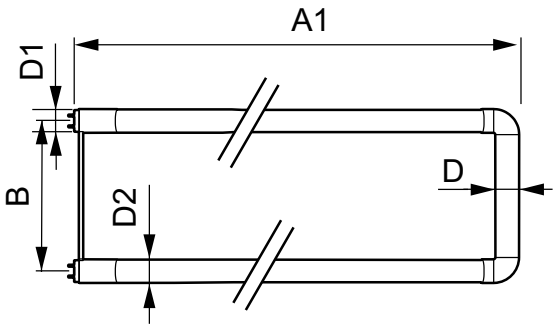
Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard

Product Data

Order product name	15T8/24-835/IF20-6U/MAScon IA 10/1
EAN/UPC - Product	046677537227
Order code	537225

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001398164
Net Weight (Piece)	0.270 kg
Model Number	9290013981

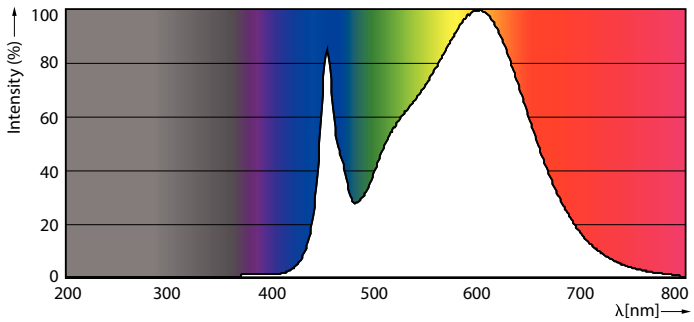
Dimensional drawing



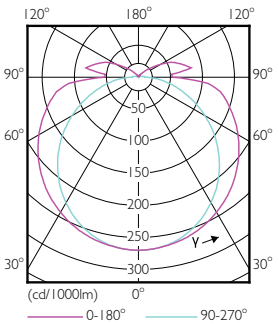
Product	D1	D2	B	A1	D
15T8/24-835/IF20-6U/MAScon IA 10/1	25.4 mm	27.8 mm	152 mm	570 mm	27.8 mm

TLED SMART 4ft HF 14-32W 2000lm 3500K

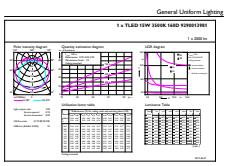
Photometric data



LEDtube 8-15W G13 835 160D IF 6U EasySmart



LEDtube 15W G13 830 160D IF 6U EasySmart



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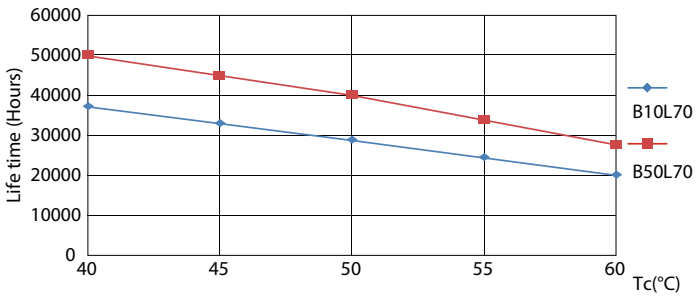
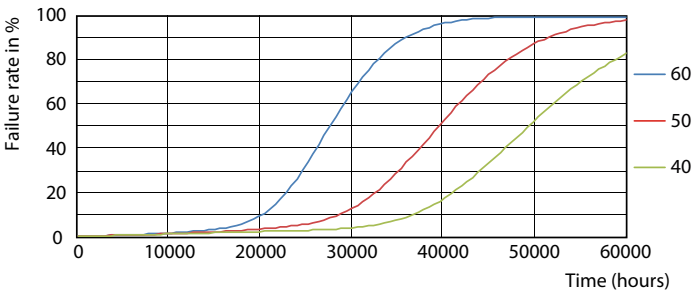
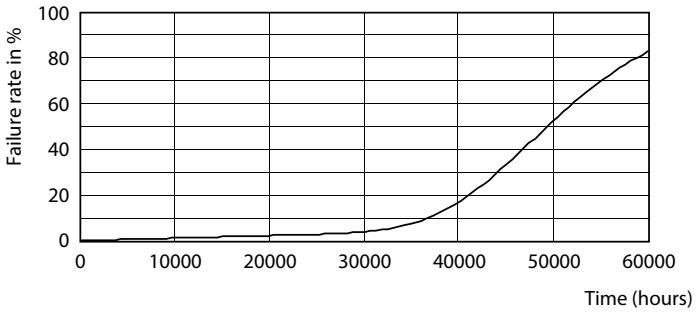
Lifetime



LEDtube 15W G13 830-850 160D IF 6U EasySmart



LEDtube 15W G13 830-850 160D IF 6U EasySmart



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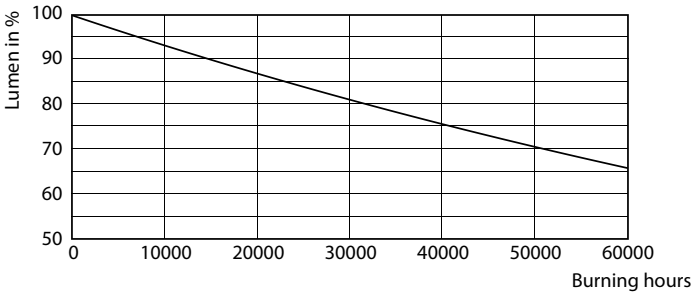

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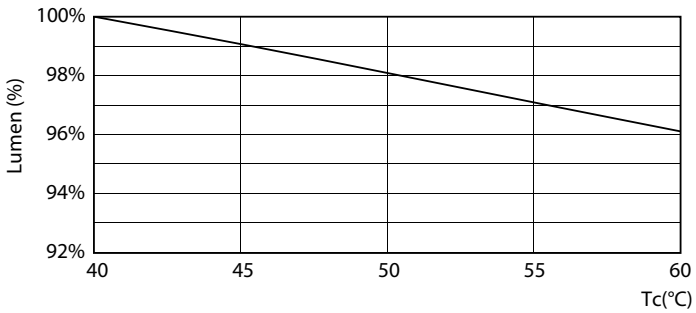

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2020, June 8 - data subject to change