



MasterConnect LEDtube EM/mains T8



MC LEDtube IA 600mm HO 7W840 T8

Introducing MasterConnect LEDtubes - smart retrofit LED T8 lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app and MasterConnect LED tube lighting can be programmed to maximize energy savings, while providing wireless and automated light for your comfort and convenience. What's more, it is fully scalable and upgradable. If you want to enjoy additional benefits such as remote control or a management dashboard, you can simply keep the lamps you currently have installed and add a gateway to experience all the advantages of a cloud-based system. There's no better way to take lighting solutions to the next level.

Product data

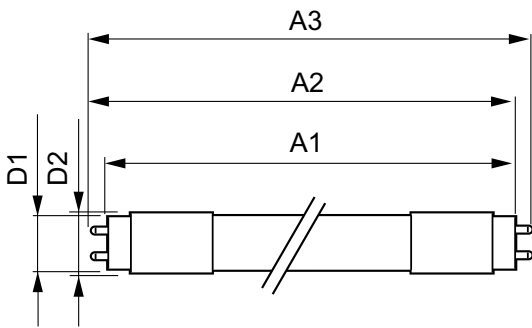
General Information		Color Consistency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color rendering index (CRI)	<6
Nominal lifetime	60,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	200,000	Flickering value (PstLM)	1
Lighting Technology	LED	Stroboscopic effect value (SVM)	0.9
Flux measurement reference	Sphere	Photobiological safety according to EN 62471	RGO
CE mark	Yes		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	160 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	1,050 lumen	Power Consumption	7 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	150 lm/W	Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V

MasterConnect LEDtube EM/mains T8

LED alternative to fluorescent lamp power	18 W
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	40 °C
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Product Length	600 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

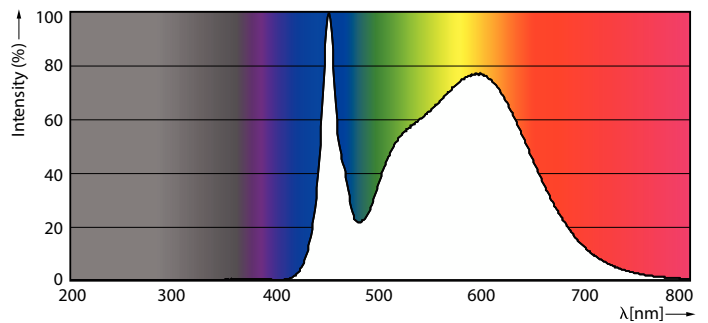
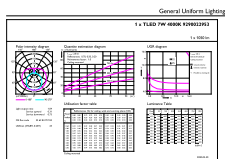
Energy Consumption kWh/1000 h	7 kWh
EPREL Registration Number	406206
Product Data	
Full product code	871869971748300
Order product name	MC LEDtube IA 600mm HO 7W840 T8
Order code	929002295302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002295302
Full product name	MC LEDtube IA 600mm HO 7W840 T8
EAN/UPC - Case	8718699717490
EAN/UPC - Product/Case	8718699717483

Dimensional drawing



Product	D1	D2	A1	A2	A3
MC LEDtube IA 600mm HO 7W840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

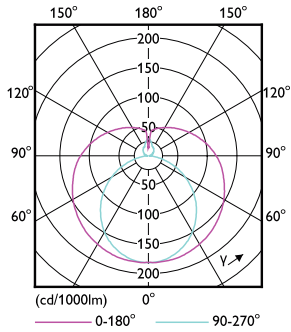


General uniform lighting - MC LEDtube IA 600mm HO 7W840 T8

Spectral Power Distribution Colour - MC LEDtube IA 600mm HO 7W840 T8

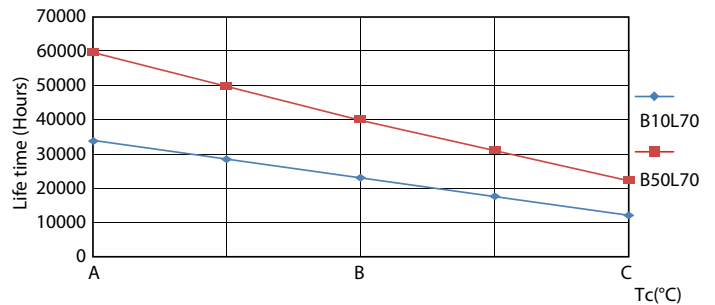
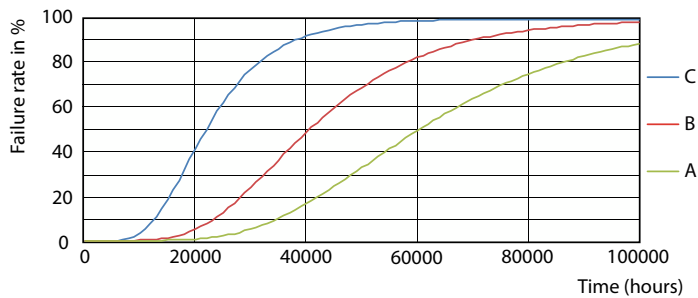
MasterConnect LEDtube EM/mains T8

Photometric data



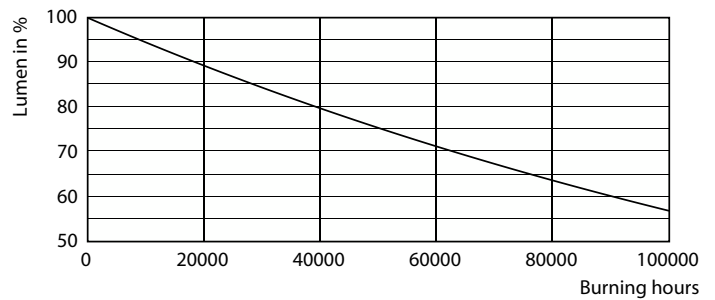
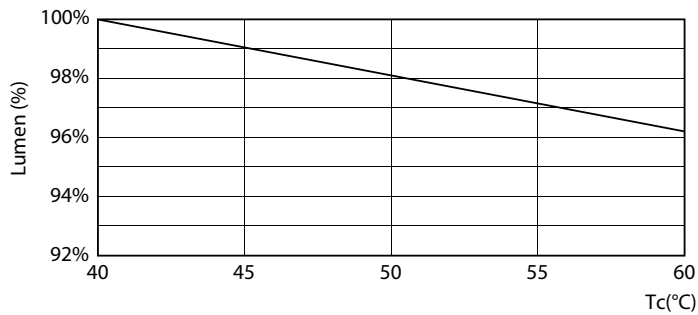
Light Distribution Diagram - MC LEDtube IA 600mm HO 7W840 T8

Lifetime



Life Expectancy Diagram - MC LEDtube IA 600mm HO 7W840 T8

Life Expectancy Diagram - MC LEDtube IA 600mm HO 7W840 T8



Lumen Maintenance Diagram - MC LEDtube IA 600mm HO 7W840 T8

Lumen Maintenance Diagram - MC LEDtube IA 600mm HO 7W840 T8

MasterConnect LEDtube EM/mains T8

Lifetime



Life Expectancy Diagram - MC LEDtube IA 600mm HO 7W840 T8

