International In

PHILIPS Lighting

MasterConnect T8

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

Introducing MasterConnect LED lamps - smart retrofit LED lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app, MasterConnect LED lamps 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 further benefits such as remote control or management dashboard, you can simply keep the currently installed lamps 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					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
EU RoHS compliant	Yes				
Nominal Lifetime (Nom)	70000 h				
Switching Cycle	50000X				
Technical Type	14-25-28-30-32W				
Light technical					
Color Code	850 [CCT of 5000K]				
Beam Angle (Nom)	160 °				
Luminous Flux (Nom)	2100 lm				
Color Designation	Daylight				
Correlated Color Temperature (Nom)	5000 K				
Luminous Efficacy (rated) (Nom)	150.00 lm/W				
Color Consistency	<5				
Color Rendering Index (Nom)	82				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

Operating and electrical						
Input Frequency	28K to 100K Hz					
Power (Nom)	14 W 380 mA					
Lamp Current (Max)						
Lamp Current (Min)	120 mA					
Wattage Equivalent	25-28-30-32 W					
Starting Time (Nom)	0.5 s					
Warm Up Time to 60% Light (Nom)	0.5 s					
UL Type	TLED_Type A; UL listed HF					
Power Factor (Nom)	0.9					
Voltage (Nom)	100-380 V					
Temperature						
T-Ambient (Max)	45 °C					
T-Ambient (Min)	-20 °C					
T-Storage (Max)	65 °C					
T-Storage (Min)	-40 °C					

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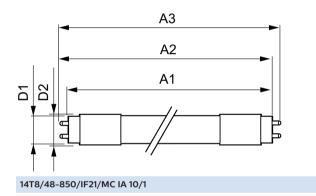
Controls and dimming Dimmable Wireless Dim Mechanical and housing Bulb Finish Frosted Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended				
Dimmable Wireless Dim Mechanical and housing Mechanical and housing Bulb Finish Frosted Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Fenergy Saving Product Yes Approval Marks	T-Case Maximum (Nom)	40 °C		
Dimmable Wireless Dim Mechanical and housing Mechanical and housing Bulb Finish Frosted Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Energy Saving Product Yes Approval Marks				
Mechanical and housing Bulb Finish Frosted Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Energy Saving Product Yes Approval Marks	Controls and dimming			
Bulb Finish Frosted Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Frosted Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC	Dimmable	Wireless Dim		
Bulb Finish Frosted Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Frosted Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC				
Bulb Material Plastic Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC	Mechanical and housing			
Product Length 1200 mm Bulb Shape Tube, double-ended Approval and application Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC	Bulb Finish	Frosted		
Bulb Shape Tube, double-ended Approval and application Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC	Bulb Material	Plastic		
Approval and application Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC	Product Length	1200 mm		
Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC	Bulb Shape	Tube, double-ended		
Energy Saving Product Yes Approval Marks RoHS compliance UL certificate DLC				
Approval Marks RoHS compliance UL certificate DLC	Approval and application			
	Energy Saving Product	Yes		
compliance	Approval Marks	RoHS compliance UL certificate DLC		
		compliance		

Product data	
Order product name	14T8/48-850/IF21/MC IA 10/1
EAN/UPC - Product	046677547318
Order code	929002052004
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002052004
Net Weight (Piece)	0.220 kg

- kWh

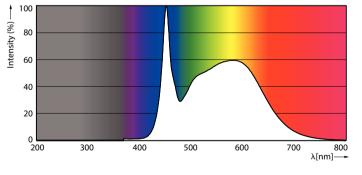
Energy Consumption kWh/1000 h

Dimensional drawing

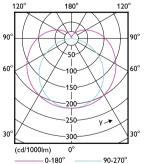


Product	D1	D2	A1	A2	A3
14T8/48-850/IF21/MC IA 10/1	25.7 mm	26.3 mm	1198 mm	1205 mm	1212 mm

Photometric data



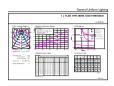
LEDtube 14W G13 2100lm 850



LEDtube 14W G13 2000lm

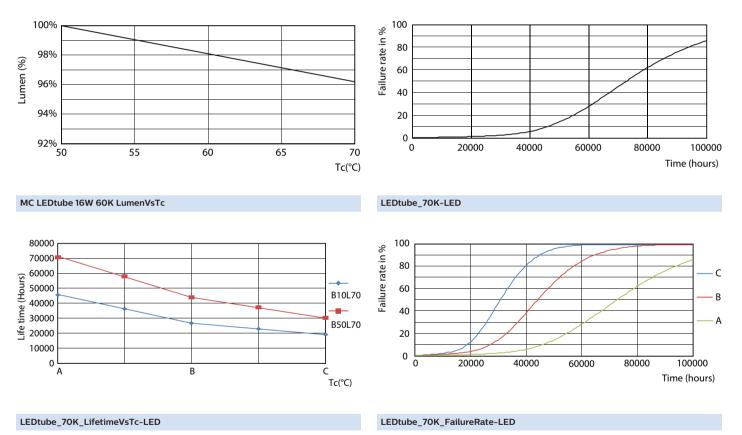
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Photometric data



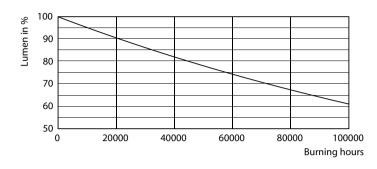
LEDtube 14W G13 2100lm 850

Lifetime



MasterConnect T8

Lifetime



LEDtube_70K-LMP



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