

Specialty LEDtube

14T8/48-835/IF20/VLC 10/1

Philips specialty LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for relamping to serve multi-purpose usage: it meets general lighting requirements, offers significant energy savings, and special function such as Visible Light Communication.

Product data

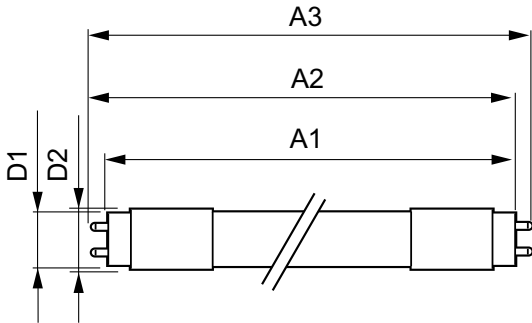
General Information		Temperature	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Warm Up Time to 60% Light (Nom)	0.5 s
EU RoHS compliant	Yes	Power Factor (Nom)	0.9
Nominal Lifetime (Nom)	70000 h	Voltage (Nom)	120-277, 347 V
Switching Cycle	50000X		
Light Technical			
Color Code	835 [CCT of 3500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	160 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2000 lm	T-Storage (Max)	65 °C
Color Designation	White (WH)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	50 °C
Luminous Efficacy (rated) (Nom)	142.00 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color Rendering Index (Nom)	82	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	1200 mm
Operating and Electrical		Approval and Application	
Input Frequency	20000-120000 Hz	Energy Efficiency Label (EEL)	Not applicable
Power (Nom)	14 W	Energy Saving Product	Yes
Lamp Current (Max)	400 mA	Approval Marks	UL certificate RoHS compliance DLC compliance
Lamp Current (Min)	130 mA		
Starting Time (Nom)	0.5 s		

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Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	14T8/48-835/IF20/VLC 10/1
EAN/UPC - Product	046677529987
Order code	929001870104

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001870104
Net Weight (Piece)	0.220 kg

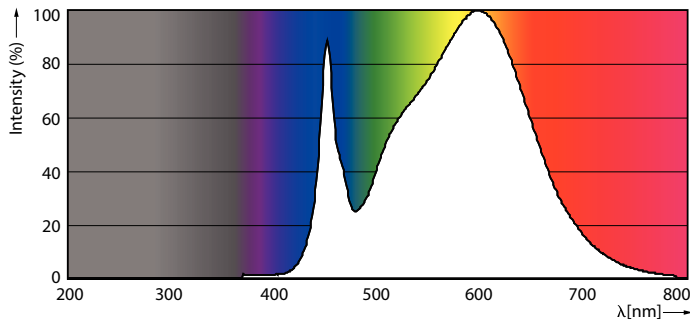
Dimensional drawing



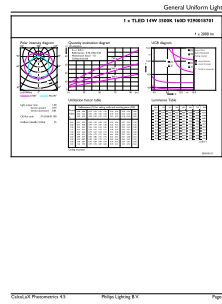
TLED 4ft 120V 14-32W 2100lm 3500K G13

Product	D1	D2	A1	A2	A3
14T8/48-835/IF20/VLC	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10/1					

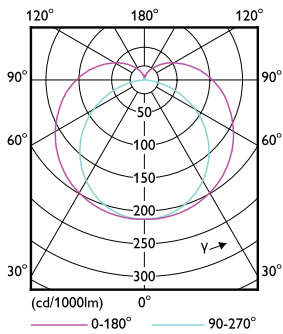
Photometric data



14W G13



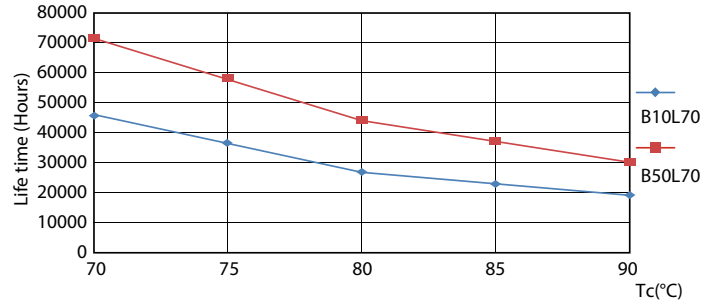
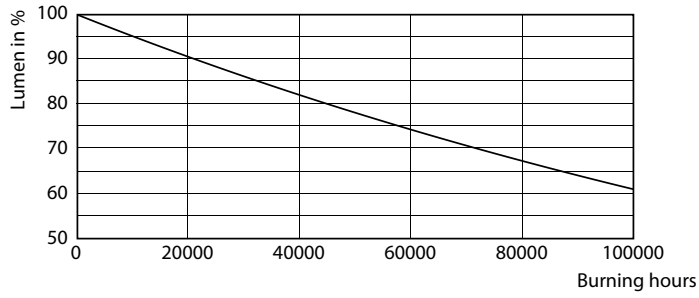
14W G13 835 3500K



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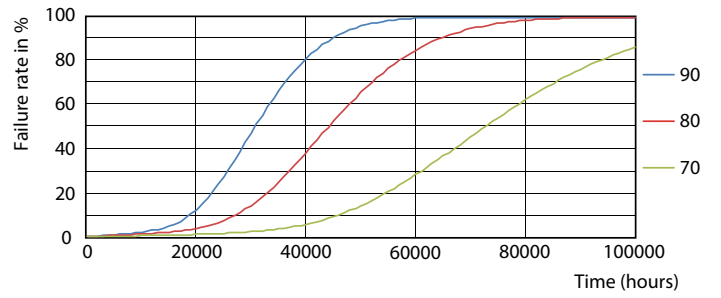
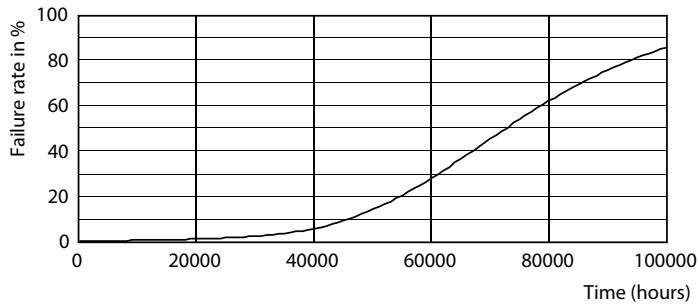
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Lifetime



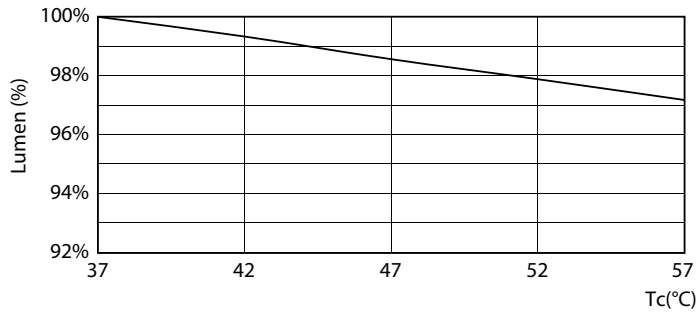
14W G13

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