



T5

8T5HE/22-840/IF10/G/DIM 10/1

Philips T5 LED tubes offer an affordable, energy saving retrofit solution. The T5 lamps have been engineered to withstand the test of time with a 50,000-hour lifetime and a limited 5-year warranty to back it up. The lighting performance effectively replaces conventional fluorescent T5 HO or T5 HE lamps. Available in either InstantFit (Type A or Type C) or MainsFit (Type B / Ballast bypass), Philips T5 TLEDs provide a variety of options for any application.

Product data

General information		Lamp Current (Max)		400 mA
Base	G5 [G5]	Lamp Current (Min)		60 mA
EU RoHS compliant	Yes	Wattage Equivalent		14 W
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)		0.5 s
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)		0.5 s
Tier	CorePro	UL Type		Type A - works on ballast
Light technical		Power Factor (Nom)		0.9
Color Code	841 [CCT of 4100K (841)]	Voltage (Nom)		40-60 V
Beam Angle (Nom)	200 °	Temperature		
Initial lumen (Nom)	1050 lm	T-Ambient (Max)		113 °F
Color Designation	Cool White (CW)	T-Ambient (Min)		-4 °F
Correlated Color Temperature (Nom)	4000 K	T-Storage (Range)		-40 °C to 65 °C
Luminous Efficacy (rated) (Nom)	131.00 lm/W	T-Storage (Max)		149 °F
Color Consistency	<6	T-Storage (Min)		-40 °F
Color Rendering Index (Nom)	82	T-Case Maximum (Nom)		158 °F
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming		
Operating and electrical		Dimmable		Yes
Input Frequency	40000-110000 Hz			
Power (Rated) (Nom)	8 W			

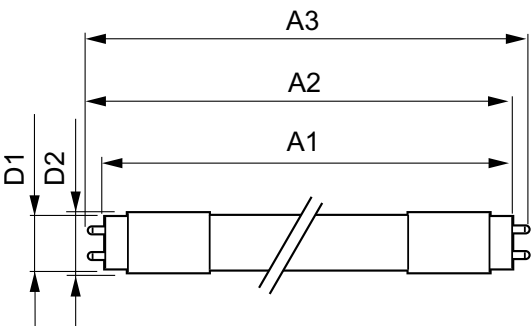
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	23-5/8 in
Bulb Shape	Tube, double-ended

Approval and application	
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh

Application conditions	
Ambient temperature range	-20 °C to 45 °C

Product data	
Order product name	8T5HE/22-840/IF10/G/DIM 10/1
EAN/UPC - Product	046677476434
Order code	476432
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001823304
Net Weight (Piece)	0.176 lb
Model Number	9290018233

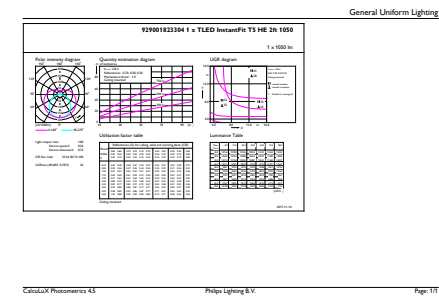
Dimensional drawing



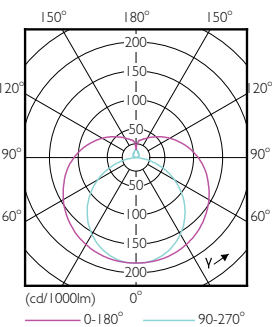
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Product	D1	D2	A1	A2	A3
8T5HE/22-840/IF10/G/DIM 10/1	5/8 in	3/4 in	21-9/16 in	21-7/8 in	22-1/8 in

Photometric data

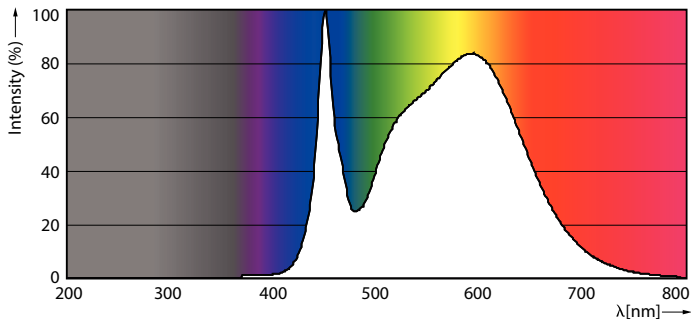


LEDtube 8W G5 840 200D DIM IF10



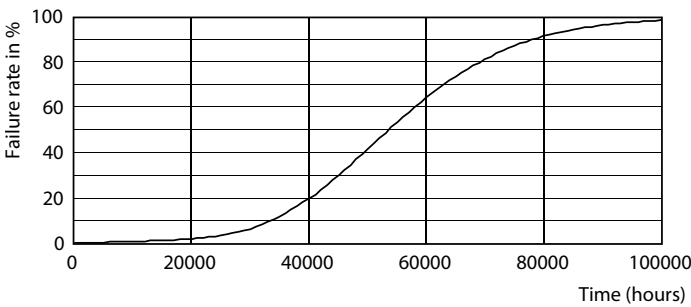
LEDtube 8W G5 830 200D DIM IF10

Photometric data

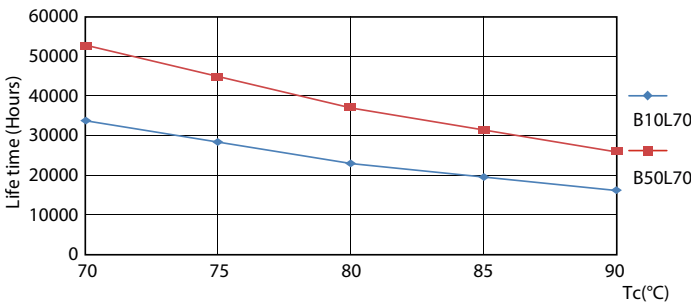


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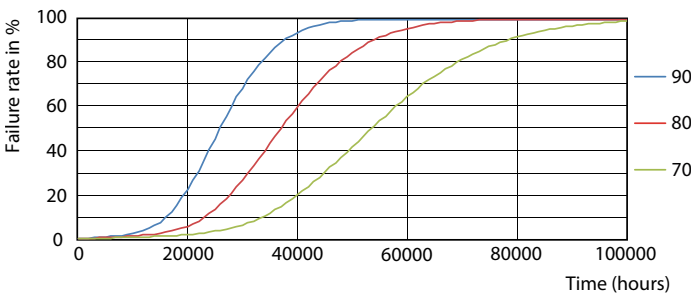
Lifetime



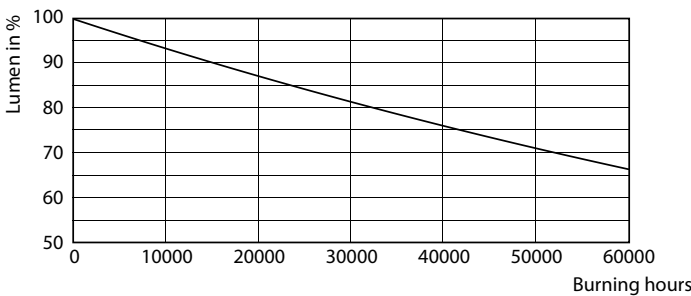
LEDtube 8-14W G5 830-850 200D DIM IF10-21



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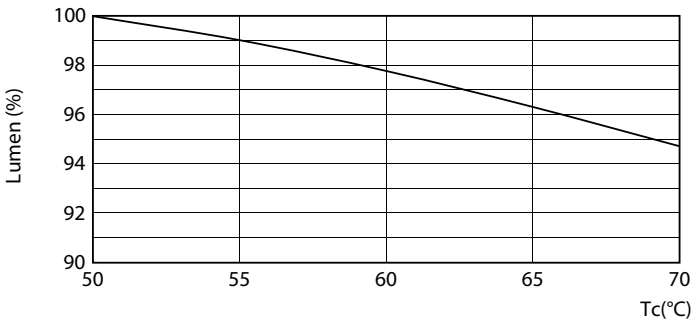


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Lifetime



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