

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	
Base	G5 [G5]
RoHS mark	RoHS mark
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	1050 lm
Luminous Flux (Rated) (Nom)	1050 lm
Rated Beam Angle	200 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	40000-110000 Hz
Power (Rated) (Nom)	8 W

Lamp Current (Max)	400 mA
Lamp Current (Min)	60 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	40-60 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)	70 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Product Length	600 mm

Approval and Application

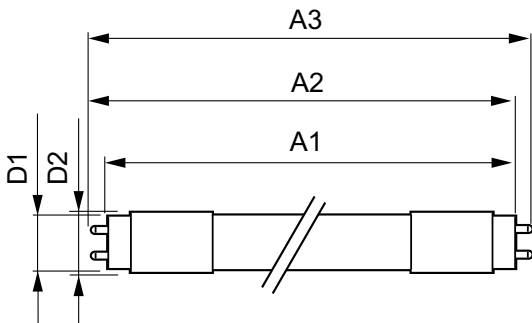
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance

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)	0.080 kg
Model Number	9290018233

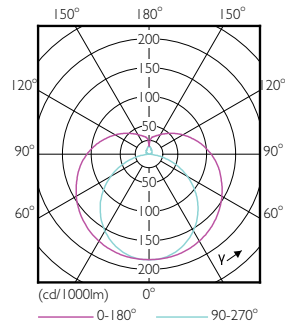
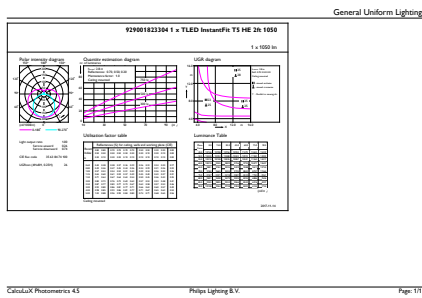
Dimensional drawing



TLED 600mm HFV8.5-14W 1050lm 4000K ND

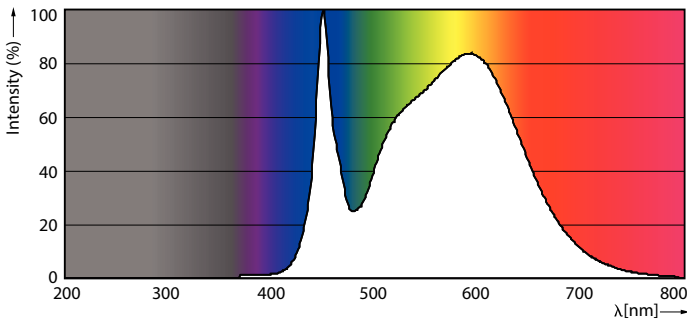
Product	D1	D2	A1	A2	A3
8T5HE/22-840/IF10/G/DIM 10/1	15.3 mm	18.4 mm	547.8 mm	554.9 mm	562 mm

Photometric data



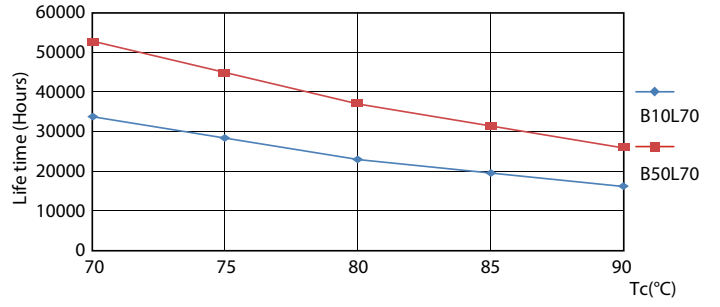
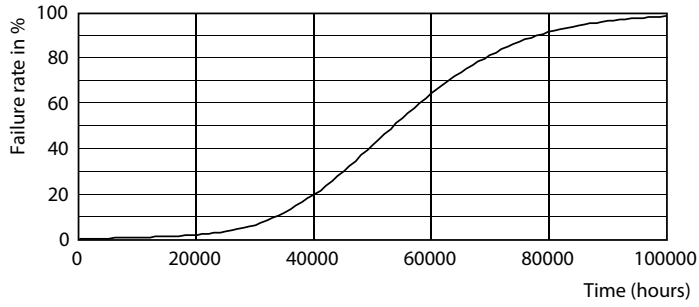
LEDtube 8W G5 840 200D DIM IF10

LEDtube 8W G5 830 200D DIM IF10



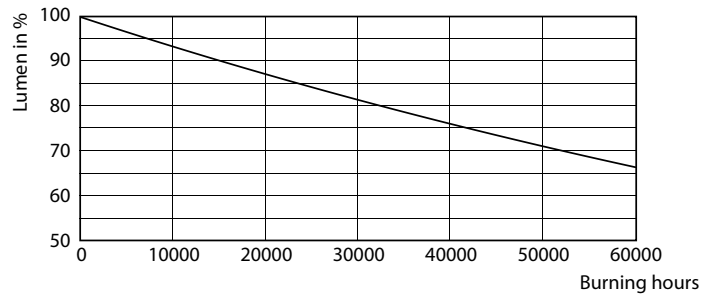
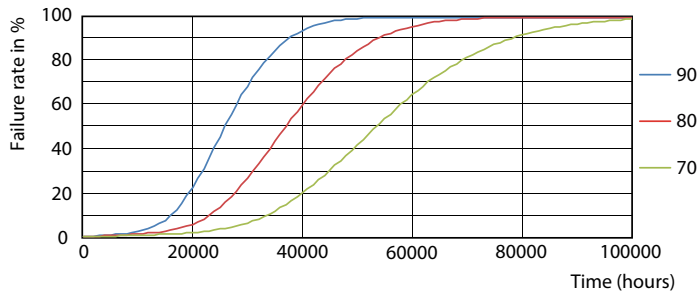
LEDtube 8W G5 840 200D DIM IF10

Lifetime



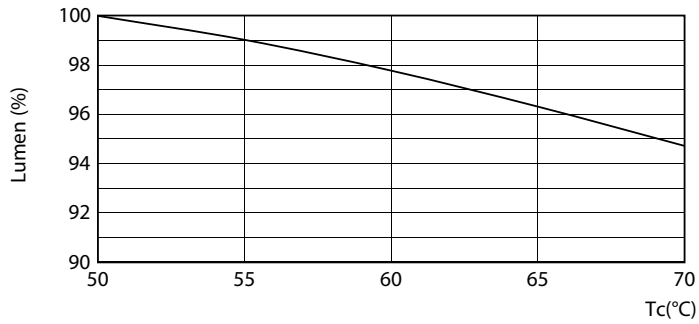
LEDtube 8-14W G5 830-850 200D DIM IF10-21

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