



# **T5 Standard**

# F14T5/830/ALTO 40PK

Philips T5 Fluorescent Lamps featuring ALTO® Lamp Technology offer increased energy savings and low toxicity in a slim profile.

#### **Warnings and Safety**

 $\cdot \ Lamp\ contains\ mercury.\ Manage\ in\ Accord\ with\ Disposal\ Laws.\ See:\ www.lamprecycle.org\ or\ 1-800-555-0050$ 

#### **Product data**

General Information	
Base	G5 [ G5]
Life to 50% Failures Preheat (Nom)	24000 h
Features	HE Alto® [ High Efficiency Alto]
System Description	High Efficiency
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %
Light Technical	
Color Code	830 [ CCT of 3000K]
Initial lumen (Nom)	1350 lm
Luminous Flux (Rated) (Nom)	1200 lm
Color Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated)	99 lm/W
(Nom)	
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Rendering Index (Max)	85

Color Rendering Index (Min)	80
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Rated) (Nom)	14.0 W
Lamp Current (Nom)	0.165 A
Temperature	
Design Temperature (Nom)	35 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green [ Green Cap]
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Datasheet, 2021, July 30 data subject to change

## **T5 Standard**

Bulb Shape	T5 [ 16 mm (T5)]
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	14W/830 Min Bipin T5 HE ALTO
	UNP/40
EAN/UPC - Product	046677230777
Order code	230771

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927990483022
Net Weight (Piece)	54.000 g
ILCOS Code	FDH-14/30/1B-L/P-G5-16



### Dimensional drawing

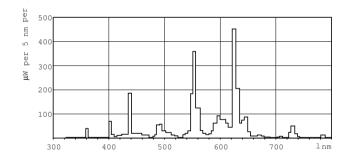
 Product
 D (max)
 A (max)
 B (max)
 B (min)
 C (max)

 14W/830 Min Bipin T5 HE
 17 mm
 549.0 mm
 556.1 mm
 553.7 mm
 563.2 mm

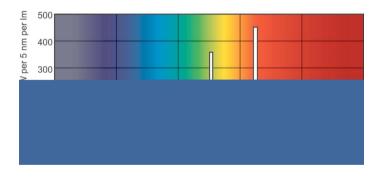
ALTO UNP/40

### TL5 HE F14T5/830 HE Alto

### Photometric data



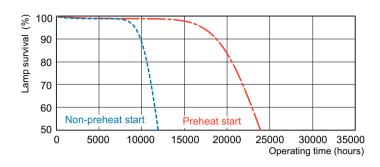
LDPB\_TL5-HE8\_830-Spectral power distribution B/W

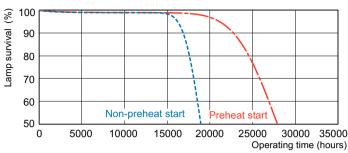


LDPO\_TL5-HE8\_830-Spectral power distribution Colour

### **T5 Standard**

#### Lifetime





LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram



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