



# T5 Standard

## F14T5/841/ALTO 40PK

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

### Product data

General Information		LLMF 6000 h Rated		94 %	
Cap-Base	G5 [ G5]	LLMF 8000 h Rated	93 %		
Life to 50% Failures Preheat (Nom)	24000 h	LLMF 12000 h Rated	92 %		
Features	HE Alto® [ High Efficiency Alto]	LLMF 16000 h Rated	91 %		
System Description	High Efficiency	LLMF 20000 h Rated	90 %		
LSF Preheat 2000 h Rated	99 %	<b>Operating and Electrical</b>			
LSF Preheat 4000 h Rated	99 %	Power (Rated) (Nom)	14.0 W		
LSF Preheat 6000 h Rated	99 %	Lamp Current (Nom)	0.165 A		
LSF Preheat 8000 h Rated	99 %	<b>Temperature</b>			
LSF Preheat 16000 h Rated	97 %	Design Temperature (Nom)	35 °C		
LSF Preheat 20000 h Rated	84 %	<b>Controls and Dimming</b>			
<b>Light Technical</b>		Dimmable	Yes		
Color Code	841 [ CCT of 4100K]	<b>Mechanical and Housing</b>			
Initial lumen (Nom)	1350 lm	Cap-Base Information	Green [ Green Cap]		
Luminous Flux (Rated) (Nom)	1200 lm	<b>Approval and Application</b>			
Color Designation	Cool White (CW)	Energy Efficiency Label (EEL)	A		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W	Mercury (Hg) Content (Nom)	1.4 mg		
Correlated Color Temperature (Nom)	4100 K	<b>Product Data</b>			
Luminous Efficacy (rated) (Nom)	86 lm/W	Order product name	14W/841 Min Bipin T5 HE ALTO UNP/40		
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 %				

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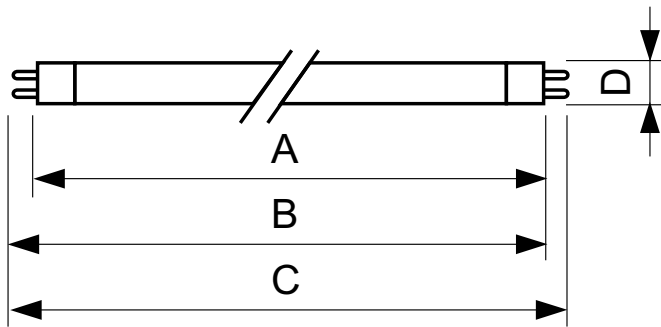
EAN/UPC - Product	046677230807
Order code	230805
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927990484022

Net Weight (Piece)	54.000 g
ILCOS Code	FDH-14/40/1B-L/P-G5-16

### Warnings and Safety

- Lamp contains mercury. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

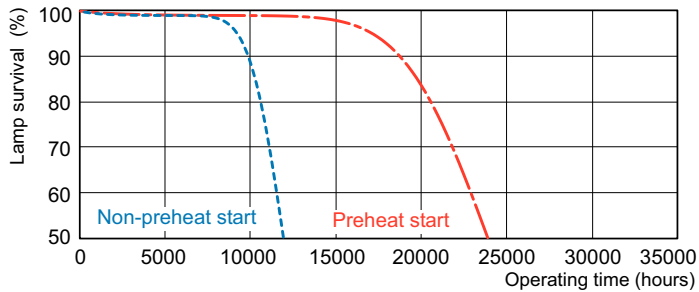
### Dimensional drawing



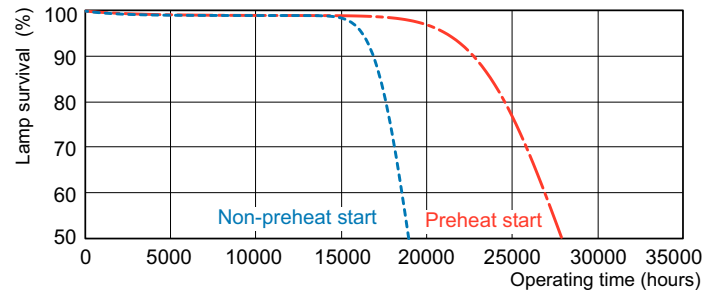
TL5 HE F14T5/841 HE Alto

Product	D (max)	A (max)	B (max)	B (min)	C (max)
14W/841 Min Bipin T5 HE	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
ALTO UNP/40					

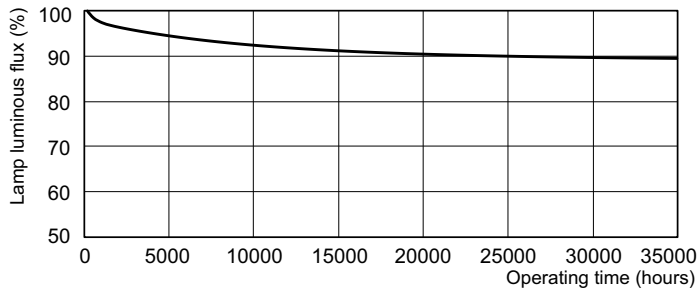
### Lifetime



MASTER TL5 HE Life Expectancy 3 h cycle



MASTER TL5 HE Life Expectancy 12 h cycle



MASTER TL5 HE Lumen Maintenance 3 h + 12 h cycle

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