



# T5 Standard

## F28T5/830 ALTO 40PK

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

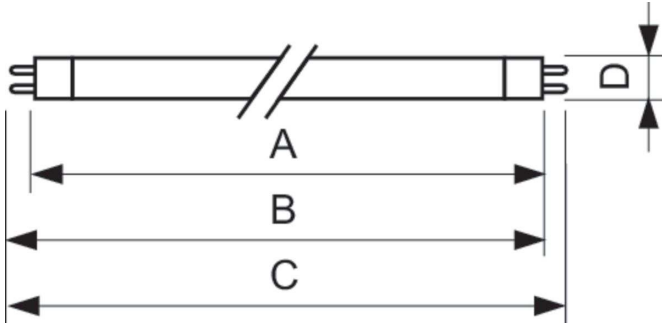
### Product data

General Information	
Cap-Base	G5
Features	HE Alto® [High Efficiency Alto]
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	2,900 lm
Color Designation	Warm White (WW)
Luminous Efficacy (rated) (Nom)	96 lm/W
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	82
Operating and Electrical	
Power Consumption	27.9 W
Lamp Current (Nom)	0.170 A
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	28W/830 Min Bipin T5 HE ALTO UNP/40
Full product name	F28T5/830 ALTO 40PK
Order code	230847
Material Nr. (12NC)	927990683022
Numerator - Quantity Per Pack	1
Net Weight (Piece)	104.500 g
EAN/UPC - Product/Case	046677230845
Numerator - Packs per outer box	40
EAN/UPC - Case	50046677230840

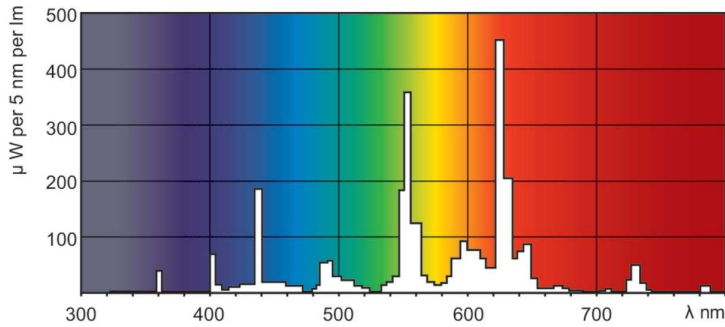
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## Dimensional drawing



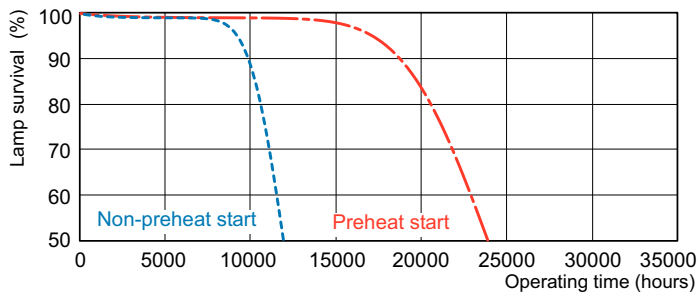
Product	D (max)	A (max)	B (max)	B (min)	C (max)
28W/830 Min Bipin T5 HE	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
ALTO UNP/40					

## Photometric data

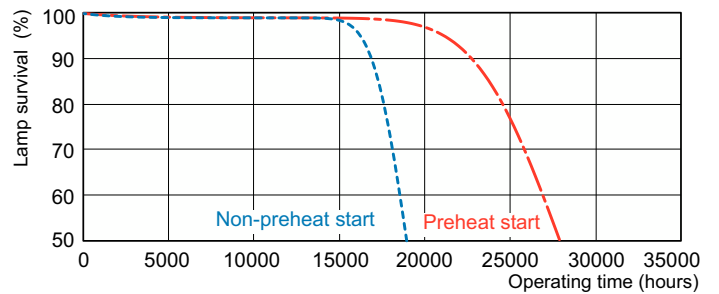


Spectral Power Distribution Colour - 28W/830 Min Bipin T5 HE ALTO UNP/40

## Lifetime



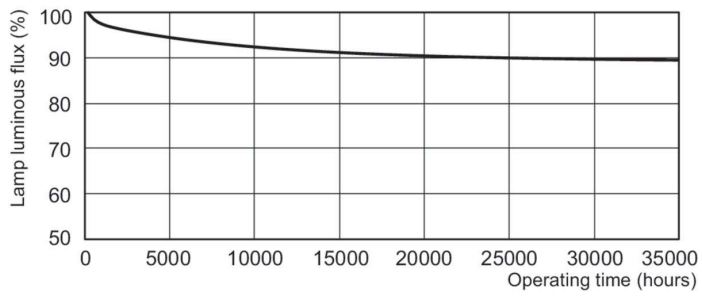
Life expectancy diagram - 3 hour cycle



Life expectancy diagram - 12 hour cycle

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### Lifetime



Lumen Maintenance Diagram - 28W/830 Min Bipin T5 HE ALTO UNP/40

