



# T5 Standard

## F21T5/830/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	2,100 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	82
Operating and Electrical	
Power Consumption	21 W
Lamp Current (Nom)	0.165 A
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	T5
Net Weight (Piece)	78.000 g
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	F21T5/830/ALTO 40PK
Full product name	F21T5/830/ALTO 40PK
Order code	230813
Material Nr. (12NC)	927990883022
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677230814
Numerator - Packs per outer box	40
EAN/UPC - Case	50046677230819

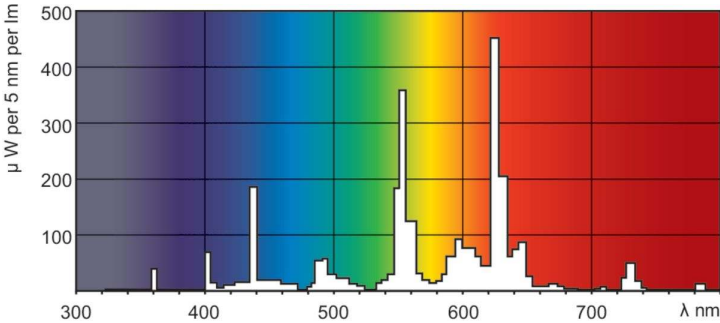
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Dimensional drawing



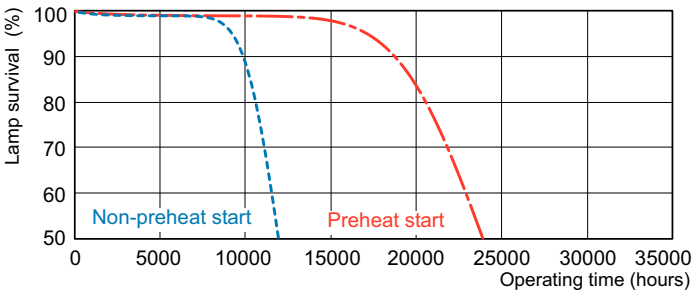
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F21T5/830/ALTO 40PK	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

Photometric data

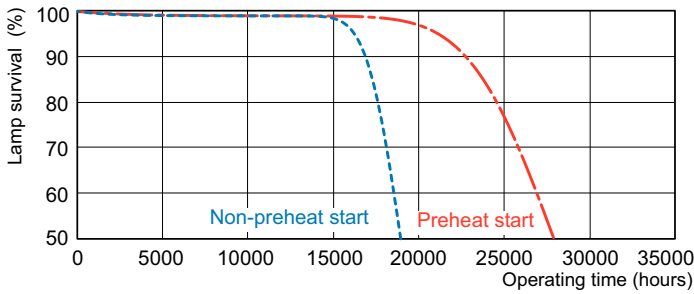


Spectral Power Distribution Colour - F21T5/830/ALTO 40PK

Lifetime



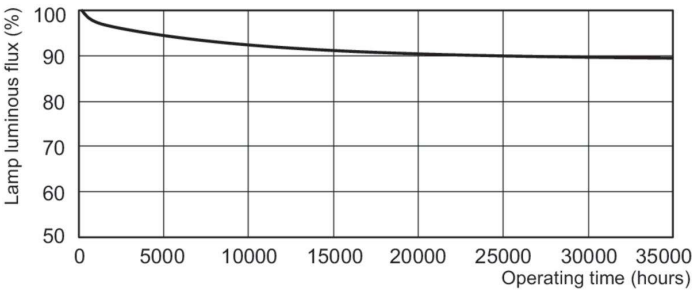
Life expectancy diagram - 3 hour cycle



Life expectancy diagram - 12 hour cycle

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Lifetime



Lumen Maintenance Diagram - F21T5/830/ALTO 40PK

