



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

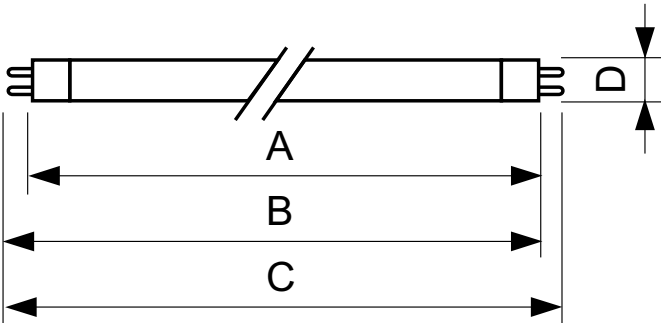
General Information		Color Rendering Index (Nom)	
Cap-Base	G5 [G5]	LLMF 2000 h Rated	82
Life To 50% Failures Preheat (Nom)	24000 h	LLMF 4000 h Rated	96 %
Features	HE Alto® [High Efficiency Alto]	LLMF 6000 h Rated	95 %
System Description	High Efficiency	LLMF 8000 h Rated	94 %
LSF Preheat 2000 h Rated	99 %	LLMF 12000 h Rated	93 %
LSF Preheat 4000 h Rated	99 %	LLMF 16000 h Rated	92 %
LSF Preheat 6000 h Rated	99 %	LLMF 20000 h Rated	91 %
LSF Preheat 8000 h Rated	99 %		90 %
LSF Preheat 16000 h Rated	97 %		
LSF Preheat 20000 h Rated	84 %		
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power (Rated) (Nom)	21 W
Initial lumen (Nom)	2100 lm	Lamp Current (Nom)	0.165 A
Luminous Flux (Rated) (Nom)	1850 lm		
Color Designation	Warm White (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W		
Chromaticity Coordinate X (Nom)	440		
Chromaticity Coordinate Y (Nom)	403		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	90 lm/W		
Color Rendering Index (Max)	85		
Color Rendering Index (Min)	80		
		Temperature	
		Design Temperature (Nom)	35 °C
		Controls and Dimming	
		Dimmable	Yes
		Mechanical and Housing	
		Cap-Base Information	Green [Green Cap]
		Approval and Application	
		Energy Efficiency Label (EEL)	A

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Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	F21T5/830/ALTO 40PK
EAN/UPC - Product	046677230814
Order code	230813
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	40
Material Nr. (12NC)	927990883022
Net Weight (Piece)	78.000 g
ILCOS Code	FDH-21/30/1B-L/P-G5-16

Dimensional drawing



TL5 HE F21T5/830 HE Alto

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

Photometric data

