PHILIPS

Lighting

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 [G5]
Bulb Shape	T5 [16 mm (T5)]
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)	2100 lm
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
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)	21 W
Lamp Current (Nom)	0.165 A

Temperature	
Design Temperature (Nom)	35 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Cap-Base Information	Green [Green Cap]

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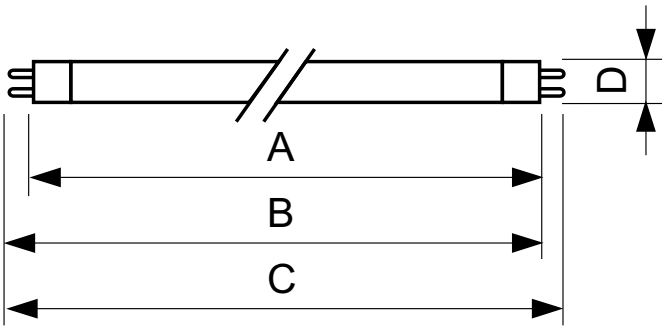
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg

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

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