



T5 Standard

F21T5/841/ALTO 40PK

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

Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

General information		Color Rendering Index (Max)	
Base	G5 [G5]		85
Life to 50% Failures Preheat (Nom)	24000 h	Color Rendering Index (Min)	80
Features	HE Alto® [High Efficiency Alto]	Color Rendering Index (Nom)	82
System Description	High Efficiency	LLMF 2000 h Rated	96 %
LSF Preheat 2000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 4000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 6000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 8000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 16000 h Rated	97 %	LLMF 16000 h Rated	91 %
LSF Preheat 20000 h Rated	84 %	LLMF 20000 h Rated	90 %
Light technical		Operating and electrical	
Color Code	841 [CCT of 4100K]	Power (Rated) (Nom)	20.6 W
Initial lumen (Nom)	2100 lm	Lamp Current (Nom)	0.165 A
Luminous Flux (Rated) (Nom)	1850 lm		
Color Designation	Cool White (CW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W	Design Temperature (Nom)	35 °C
Correlated Color Temperature (Nom)	4100 K		
Luminous Efficacy (rated) (Nom)	90 lm/W		

T5 Standard

Controls and dimming

Dimmable	Yes
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Mechanical and housing

Cap-Base Information	Green [Green Cap]
Bulb Shape	T5 [16 mm (T5)]

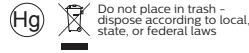
Approval and application

Mercury (Hg) Content (Nom)	1.4 mg
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Product data

Order product name	F21T5/841/ALTO 40PK
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EAN/UPC - Product	046677230838
Order code	230839
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927990884022
Copy Net Weight (Piece)	0.172 lb
ILCOS Code	FDH-21/40/1B-L/P-G5-16



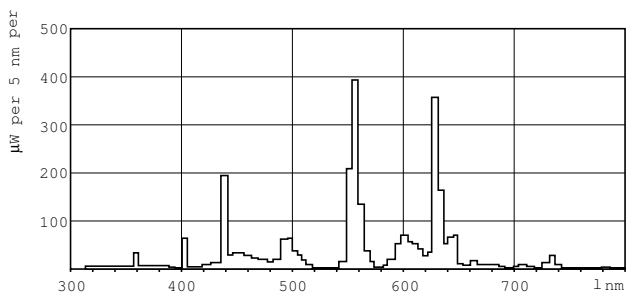
Dimensional drawing



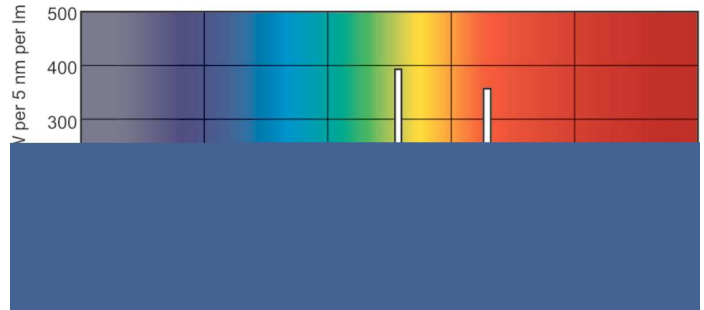
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F21T5/841/ALTO 40PK	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

F21T5/841/ALTO 40PK

Photometric data



LDPB_TL5-HE8_840-Spectral power distribution B/W



LDPO_TL5-HE8_840-Spectral power distribution Colour

T5 Standard

Lifetime



LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram

