



Powerful, environmentally- responsible ultra-slim lamps

T5 Standard

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

Benefits

- Philips T5 Warranty period - 36 months.
- Sustainable Lighting Solution - low mercury.
- Ultra slim profile allows for flexibility in design.

Features

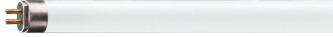
- Less mercury combined with energy efficiency and long life reduces the impact on the environment.
- Our green end-caps mean you are using ALTO® environmentally-responsible lamps.
- Only 1.4mg of mercury per lamp.
- Slim profile lamp and ballast.
- Operates on programmed start electronic ballasts only.
- Available in 14, 21, 28, and 35 Watts with 3000, 3500, 4100 color temperatures.

Application

- Ideal for general, decorative and architectural lighting in offices, retail stores, hotels, schools and hospitals.

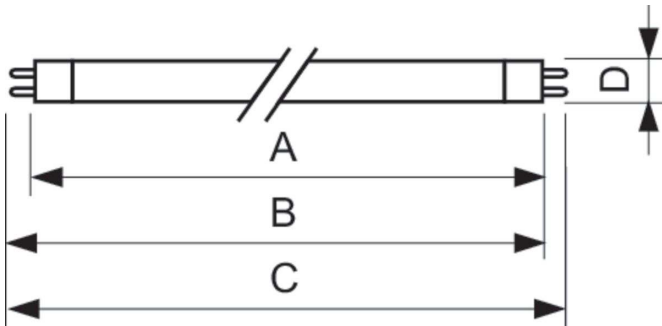
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Versions



LPPR TL5-HE8

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
14W/830 Min Bipin T5 HE ALTO UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
14W/835 Min Bipin T5 HE ALTO UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
14W/841 Min Bipin T5 HE ALTO UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
21W/835 Min Bipin T5 HE ALTO UNP/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
28W/830 Min Bipin T5 HE ALTO UNP/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
28W/835 Min Bipin T5 HE ALTO UNP/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
28W/841 Min Bipin T5 HE ALTO UNP/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
F21T5/830/ALTO 40PK	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
F21T5/841/ALTO 40PK	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
F35T5/830 40PK	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
F35T5/841 40PK	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

General Information

Cap-Base G5

Light Technical

Color rendering index (CRI) 82

Controls and Dimming

Dimmable Yes

Mechanical and Housing

Bulb Shape T5

Approval and Application

Mercury (Hg) Content (Nom) 1.4 mg

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Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color	Luminous Efficacy	Luminous Flux
			Temperature (Nom)	(rated) (Nom)	
927990483022	14W/830 Min Bipin T5 HE ALTO UNP/40	Warm White (WW)	3000 K	86 lm/W	1,350 lm
927990483522	14W/835 Min Bipin T5 HE ALTO UNP/40	White (WH)	3500 K	86 lm/W	1,350 lm
927990484022	14W/841 Min Bipin T5 HE ALTO UNP/40	Cool White (CW)	4100 K	86 lm/W	1,350 lm
927990683022	28W/830 Min Bipin T5 HE ALTO UNP/40	Warm White (WW)	3000 K	96 lm/W	2,900 lm
927990683522	28W/835 Min Bipin T5 HE ALTO UNP/40	White (WH)	3500 K	96 lm/W	2,900 lm

Order Code	Full Product Name	Color Designation	Correlated Color	Luminous Efficacy	Luminous Flux
			Temperature (Nom)	(rated) (Nom)	
927990684022	28W/841 Min Bipin T5 HE ALTO UNP/40	Cool White (CW)	4100 K	96 lm/W	2,900 lm
927990883022	F21T5/830/ALTO 40PK	Warm White (WW)	3000 K	90 lm/W	2,100 lm
927990883522	21W/835 Min Bipin T5 HE ALTO UNP/40	White (WH)	3500 K	90 lm/W	2,100 lm
927990884022	F21T5/841/ALTO 40PK	Cool White (CW)	4100 K	90 lm/W	2,100 lm
927992783022	F35T5/830 40PK	Warm White (WW)	3000 K	94 lm/W	3,650 lm
927992784022	F35T5/841 40PK	Cool White (CW)	4100 K	94 lm/W	3,650 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927990483022	14W/830 Min Bipin T5 HE ALTO UNP/40	0.165 A	14.0 W
927990483522	14W/835 Min Bipin T5 HE ALTO UNP/40	0.165 A	14.0 W
927990484022	14W/841 Min Bipin T5 HE ALTO UNP/40	0.165 A	14.0 W
927990683022	28W/830 Min Bipin T5 HE ALTO UNP/40	0.170 A	27.9 W
927990683522	28W/835 Min Bipin T5 HE ALTO UNP/40	0.170 A	27.9 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927990684022	28W/841 Min Bipin T5 HE ALTO UNP/40	0.170 A	27.9 W
927990883022	F21T5/830/ALTO 40PK	0.165 A	21 W
927990883522	21W/835 Min Bipin T5 HE ALTO UNP/40	0.165 A	20.6 W
927990884022	F21T5/841/ALTO 40PK	0.165 A	20.6 W
927992783022	F35T5/830 40PK	0.175 A	35.5 W
927992784022	F35T5/841 40PK	0.175 A	35.5 W

