

Powerful, environmentallyresponsible 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

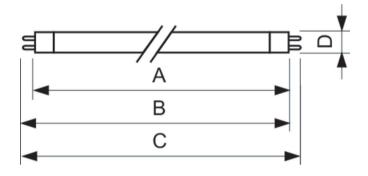
• Ideal for general, decorative and architectural lighting in offices, retail stores, hotels, schools and hospitals.

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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	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
ALTO UNP/40					
14W/835 Min Bipin T5 HE	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
ALTO UNP/40					
14W/841 Min Bipin T5 HE	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
ALTO UNP/40					
21W/835 Min Bipin T5 HE	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
ALTO UNP/40					
28W/830 Min Bipin T5 HE	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
ALTO UNP/40					
28W/835 Min Bipin T5 HE	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
ALTO UNP/40					
28W/841 Min Bipin T5 HE	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
ALTO UNP/40					
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	Т5
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg

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Light Technical

			Correlated	Luminous					Correlated	Luminous	
			Color	Efficacy					Color	Efficacy	
	Full Product	Color	Temperature	(rated)	Luminous		Full Product	Color	Temperature	(rated)	Luminous
Order Code	Name	Designation	(Nom)	(Nom)	Flux	Order Code	Name	Designation	(Nom)	(Nom)	Flux
927990483022	14W/830 Min	Warm White	3000 K	86 lm/W	1,350 lm	927990684022	28W/841 Min	Cool White	4100 K	96 lm/W	2,900 lm
	Bipin T5 HE	(WW)					Bipin T5 HE	(CW)			
	ALTO UNP/40						ALTO UNP/40				
927990483522	14W/835 Min	White (WH)	3500 K	86 lm/W	1,350 lm	927990883022	F21T5/830/	Warm White	3000 K	90 lm/W	2,100 lm
	Bipin T5 HE						ALTO 40PK	(WW)			
	ALTO UNP/40					927990883522	21W/835 Min	White (WH)	3500 K	90 lm/W	2,100 lm
927990484022	14W/841 Min	Cool White	4100 K	86 lm/W	1,350 lm		Bipin T5 HE				
	Bipin T5 HE	(CW)					ALTO UNP/40				
	ALTO UNP/40					927990884022	F21T5/841/	Cool White	4100 K	90 lm/W	2,100 lm
927990683022	28W/830 Min	Warm White	3000 K	96 lm/W	2,900 lm		ALTO 40PK	(CW)			
	Bipin T5 HE	(WW)				927992783022	F35T5/830	Warm White	3000 K	94 lm/W	3,650 lm
	ALTO UNP/40						40PK	(WW)			
927990683522	28W/835 Min	White (WH)	3500 K	96 lm/W	2,900 lm	927992784022	F35T5/841	Cool White	4100 K	94 lm/W	3,650 lm
	Bipin T5 HE						40PK	(CW)			
	ALTO UNP/40										

Operating and Electrical

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

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



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