



Low mercury, energy savings

PL-T Triple 4-Pin Base Non Amalgam

Philips Non-Amalgam PL-T Compact Fluorescent lamps offer designers, specifiers, and end-users new levels of efficiencies and versatility in sizes, configurations and application possibilities.

Benefits

- More design flexibility
- 25% shorter than PL-C lamps
- Better for the environment
- Only has 1.4mg of mercury with ALTO lamp technology

Features

- Extended relamping cycles
- Reduced maintenance costs
- 16,000 hours rated average life¹ (3 hours per start)
- 20,000 hours rated average life² (12 hours per start)
- Dimmable for application flexibility and energy savings
- PL-T non-amalgam 4-pin lamps may be used with electronic dimming and emergency ballasts.
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Application

- First choice for short switching cycles, emergency lighting and deep dimming applications.
- Performs more optimally under air flow conditions and horizontal burning operation, compared to Philips PL-T amalgam containing lamps.

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Versions



26W, GX24q-3, 4P

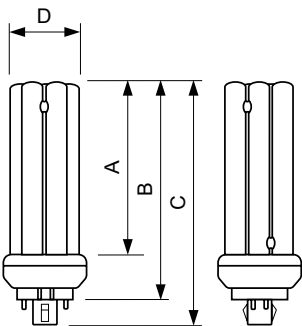
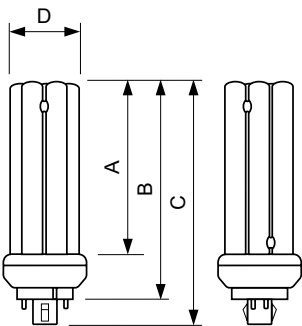


32W, GX24q-3, 4P



42W, GX24q-4, 4P

Dimensional drawing



Product	D (max)	A (max)	B (max)	C (max)
PL-T 32W/830/4P/ALTO	41.0 mm	86.7 mm	123.0 mm	138.7 mm
PL-T 26W/835/4P/ALTO	41.0 mm	86.7 mm	111.0 mm	126.7 mm
PL-T 32W/835/4P/ALTO	41.0 mm	86.7 mm	123.0 mm	138.7 mm
PL-T 26W/841/4P/ALTO	41.0 mm	86.7 mm	111.0 mm	126.7 mm
PL-T 32W/841/4P/ALTO	41.0 mm	86.7 mm	123.0 mm	138.7 mm
PL-T 26W/830/4P/ALTO	41.0 mm	86.7 mm	111.0 mm	126.7 mm

Product	D (max)	A (max)	B (max)	C (max)
PL-T 42W/841/4P/ALTO	41.0 mm	120.7 mm	145.0 mm	160.7 mm
PL-T 42W/830/4P/ALTO	41.0 mm	120.7 mm	145.0 mm	160.7 mm
PL-T 42W/835/4P/ALTO	41.0 mm	120.7 mm	145.0 mm	160.7 mm

PL-T Triple 4-Pin Base Non Amalgam

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Controls and Dimming	
Dimmable	Yes
General Information	
Life To 50% Failures Preheat (Nom)	13000 h
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	98 %
LSF Preheat 6000 h Rated	97 %
LSF Preheat 8000 h Rated	90 %
Light Technical	
LLMF 12000 h Rated	81 %
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	86 %

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
433383	PL-T 26W/830/4P/ALTO	29 kWh
433391	PL-T 26W/835/4P/ALTO	29 kWh
433409	PL-T 26W/841/4P/ALTO	29 kWh
433433	PL-T 32W/830/4P/ALTO	29 kWh
433441	PL-T 32W/835/4P/ALTO	29 kWh
433458	PL-T 32W/841/4P/ALTO	29 kWh
433466	PL-T 42W/830/4P/ALTO	45 kWh
433474	PL-T 42W/835/4P/ALTO	45 kWh
433482	PL-T 42W/841/4P/ALTO	45 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
433383	PL-T 26W/830/4P/ALTO	0.335 A	26 W
433391	PL-T 26W/835/4P/ALTO	0.335 A	26 W
433409	PL-T 26W/841/4P/ALTO	0.335 A	26 W
433433	PL-T 32W/830/4P/ALTO	0.320 A	32 W
433441	PL-T 32W/835/4P/ALTO	0.320 A	32 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
433458	PL-T 32W/841/4P/ALTO	0.320 A	32 W
433466	PL-T 42W/830/4P/ALTO	0.320 A	41.0 W
433474	PL-T 42W/835/4P/ALTO	0.320 A	41.0 W
433482	PL-T 42W/841/4P/ALTO	0.320 A	41.0 W

General Information

Order Code	Full Product Name	Cap-Base
433383	PL-T 26W/830/4P/ALTO	GX24Q-3
433391	PL-T 26W/835/4P/ALTO	GX24Q-3
433409	PL-T 26W/841/4P/ALTO	GX24Q-3
433433	PL-T 32W/830/4P/ALTO	GX24Q-3
433441	PL-T 32W/835/4P/ALTO	GX24Q-3

Order Code	Full Product Name	Cap-Base
433458	PL-T 32W/841/4P/ALTO	GX24Q-3
433466	PL-T 42W/830/4P/ALTO	GX24Q-4
433474	PL-T 42W/835/4P/ALTO	GX24Q-4
433482	PL-T 42W/841/4P/ALTO	GX24Q-4

Light Technical (1/2)

Order	Full Product Name	Chromaticity	Chromaticity	Color	Color Designation
		Coordinate X	Coordinate Y		
Code	Full Product Name	(Nom)	(Nom)	Code	Color Designation
433383	PL-T 26W/830/4P/ ALTO	436	401	830	Warm White (WW)
433391	PL-T 26W/835/4P/ ALTO	412	402	835	White (WH)
433409	PL-T 26W/841/4P/ ALTO	385	388	841	Cool Daylight
433433	PL-T 32W/830/4P/ ALTO	436	401	830	Warm White (WW)
433441	PL-T 32W/835/4P/ ALTO	412	402	835	White (WH)

Order	Full Product Name	Chromaticity	Chromaticity	Color	Color Designation
		Coordinate X	Coordinate Y		
Code	Full Product Name	(Nom)	(Nom)	Code	Color Designation
433458	PL-T 32W/841/4P/ ALTO	382	389	841	Cool White (CW)
433466	PL-T 42W/830/4P/ ALTO	436	401	830	Warm White (WW)
433474	PL-T 42W/835/4P/ ALTO	412	402	835	White (WH)
433482	PL-T 42W/841/4P/ ALTO	382	389	841	Cool White (CW)

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Light Technical (2/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	LLMF 8000 h Rated	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
433383	PL-T 26W/830/4P/ALTO	3000 K	>80	83 %	65.4 lm/W	63.2 lm/W	1700 lm	1675 lm
433391	PL-T 26W/835/4P/ALTO	3500 K	82	83 %	67.3 lm/W	65.1 lm/W	1750 lm	1725 lm
433409	PL-T 26W/841/4P/ALTO	3500 K	80	83 %	67.3 lm/W	65.1 lm/W	1750 lm	1725 lm
433433	PL-T 32W/830/4P/ALTO	3000 K	>80	83 %	69.7 lm/W	69.7 lm/W	2230 lm	2230 lm
433441	PL-T 32W/835/4P/ALTO	3500 K	82	83 %	71.9 lm/W	71.9 lm/W	2300 lm	2300 lm
433458	PL-T 32W/841/4P/ALTO	4000 K	80	83 %	71.9 lm/W	71.9 lm/W	2300 lm	2300 lm
433466	PL-T 42W/830/4P/ALTO	3000 K	>80	84 %	73.2 lm/W	70.7 lm/W	3000 lm	2900 lm
433474	PL-T 42W/835/4P/ALTO	3500 K	83	84 %	75.6 lm/W	73.2 lm/W	3100 lm	3000 lm
433482	PL-T 42W/841/4P/ALTO	4000 K	80	84 %	75.6 lm/W	73.2 lm/W	3100 lm	3000 lm

Temperature

Order Code	Full Product Name	Design Temperature (Nom)
433383	PL-T 26W/830/4P/ALTO	25 °C
433391	PL-T 26W/835/4P/ALTO	25 °C
433409	PL-T 26W/841/4P/ALTO	25 °C
433433	PL-T 32W/830/4P/ALTO	25 °C
433441	PL-T 32W/835/4P/ALTO	25 °C

Order Code	Full Product Name	Design Temperature (Nom)
433458	PL-T 32W/841/4P/ALTO	25 °C
433466	PL-T 42W/830/4P/ALTO	28 °C
433474	PL-T 42W/835/4P/ALTO	28 °C
433482	PL-T 42W/841/4P/ALTO	28 °C

