



Product Description

MASTER PL-T TOP 4 Pin

Energy saving compact fluorescent lamp Compact long-arc low-pressure mercury discharge lamp Envelope consists of 6 parallel narrow fluorescent tubes Amalgam controlled operation

Benefits

- Optimal lighting performance for long periods of continuous operation
- Substantially higher light output (+30%) per light point than conventional solutions
- High temperature independency at higher application temperatures
- Long life and sustainable light output

Features

- 4-pin base without glow switch starter and capacitor
- Hot restrike - moderate light run up after cooling down at low temperatures
- Optimized lighting performance over a broad temperature range due to Philips amalgam technology
- Dimming is possible

Application

- Designed for general or supplementary lighting in professional and semi-professional environments
- Ideal for use in recessed or surface mounted downlighters, wall units
- First choice for long switching cycles and highest light output

Warnings and Safety

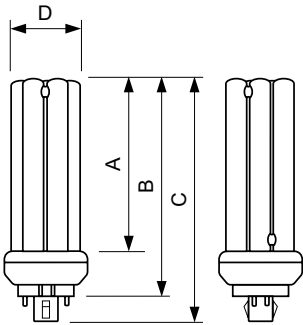
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

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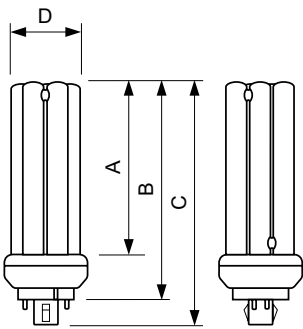
Versions



Dimensional drawing



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T TOP 42W/840/4P 1CT/5X10BOX	41 mm	120.7 mm	145.0 mm	160.7 mm
MASTER PL-T TOP 42W/830/4P 1CT/5X10BOX	41 mm	120.7 mm	145.0 mm	160.7 mm



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T TOP 32W/840/4P 1CT/ 5X10BOX	41 mm	98.7 mm	123.0 mm	138.7 mm

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Approval and Application

Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Lamp Current (Nom)	0.320 A
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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

Colour Rendering Index (Nom)	80
LLMF 12000 h Rated	81 %
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	85 %
LLMF 8000 h Rated	84 %

Temperature

Design Temperature (Nom)	28 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927911984069	MASTER PL-T TOP 32W/840/4P 1CT/5X10BOX	35 kWh
927912283069	MASTER PL-T TOP 42W/830/4P 1CT/5X10BOX	42 kWh
927912284069	MASTER PL-T TOP 42W/840/4P 1CT/5X10BOX	42 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
927911984069	MASTER PL-T TOP 32W/840/4P 1CT/5X10BOX	34.5 W
927912283069	MASTER PL-T TOP 42W/830/4P 1CT/5X10BOX	42 W

Order Code	Full Product Name	Power (Rated) (Nom)
927912284069	MASTER PL-T TOP 42W/840/4P 1CT/5X10BOX	42 W

General Information

Order Code	Full Product Name	Cap-Base
927911984069	MASTER PL-T TOP 32W/840/4P 1CT/5X10BOX	GX24Q-3
927912283069	MASTER PL-T TOP 42W/830/4P 1CT/5X10BOX	GX24Q-4

Order Code	Full Product Name	Cap-Base
927912284069	MASTER PL-T TOP 42W/840/4P 1CT/5X10BOX	GX24Q-4

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927911984069	MASTER PL-T TOP 32W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)
927912283069	MASTER PL-T TOP 42W/830/4P 1CT/5X10BOX	0.44	0.403	830	Warm white (WW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927912284069	MASTER PL-T TOP 42W/840/4P 1CT/5X10BOX	0.38	0.38	840	Cool White (CW)

Light Technical (2/2)

MASTER PL-T TOP 4 Pin

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		(K)	(lm/W)	(lm)	(lm)
927911984069	MASTER PL-T TOP 32W/ 840/4P 1CT/ 5X10BOX	4000 K	75 lm/W	2300 lm	2400 lm
927912283069	MASTER PL-T TOP 42W/	3000 K	80 lm/W	3000 lm	3050 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		(K)	(lm/W)	(lm)	(lm)
	830/4P 1CT/ 5X10BOX				
927912284069	MASTER PL-T TOP 42W/ 840/4P 1CT/ 5X10BOX	4000 K	80 lm/W	3000 lm	3050 lm

