



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 lifetime with good lumen maintenance

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.

MASTER PL-T TOP 4 Pin

Versions



18W, GX24q-2, 4P



26W, GX24q-3, 4P



32W, GX24q-3, 4P



42W, GX24q-4, 4P

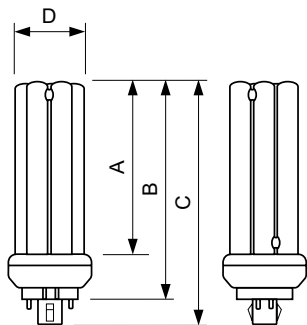


57W, GX24q-5, 4P

Dimensional drawing

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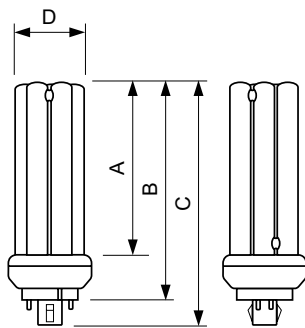
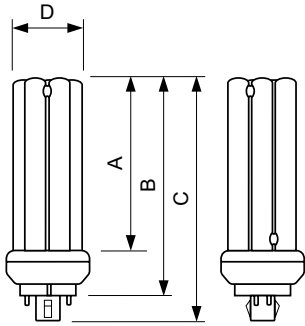
Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T TOP 18W/830/4P 1CT/ 5X10BOX	41 mm	71.7 mm	96.0 mm	111.7 mm
MASTER PL-T TOP 18W/840/4P 1CT/ 5X10BOX	41 mm	71.7 mm	96.0 mm	111.7 mm



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

MASTER PL-T TOP 4 Pin

Dimensional drawing



Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T TOP 57W/830/4P 1CT/ 5X10BOX	41 mm	157.7 mm	182.0 mm	197.7 mm
MASTER PL-T TOP 57W/840/4P 1CT/ 5X10BOX	41 mm	157.7 mm	182.0 mm	197.7 mm

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T TOP 32W/830/4P 1CT/ 5X10BOX	41 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T TOP 32W/840/4P 1CT/ 5X10BOX	41 mm	98.7 mm	123.0 mm	138.7 mm
MASTER PL-T TOP 26W/830/4P 1CT/ 5X10BOX	41 mm	86.7 mm	111.0 mm	126.7 mm

Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg

Controls and Dimming

Dimmable	Yes
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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

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
88908970	MASTER PL-T TOP 18W/830/4P 1CT/5X10CC	21 kWh
88941670	MASTER PL-T TOP 18W/840/4P 1CT/5X10BOX	21 kWh
88944770	MASTER PL-T TOP 26W/830/4P 1CT/5X10CC	30 kWh
56023070	MASTER PL-T TOP 32W/830/4P 1CT/5X10CC	36 kWh
56026170	MASTER PL-T TOP 32W/840/4P 1CT/5X10CC	36 kWh
61004170	MASTER PL-T TOP 42W/830/4P 1CT/5X10CC	42 kWh
61008970	MASTER PL-T TOP 42W/840/4P 1CT/5X10CC	42 kWh
61022570	MASTER PL-T TOP 57W/830/4P 1CT/5X10CC	56 kWh
61034870	MASTER PL-T TOP 57W/840/4P 1CT/5X10CC	56 kWh

Operating and Electrical

MASTER PL-T TOP 4 Pin

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
88908970	MASTER PL-T TOP 18W/830/4P 1CT/5X10CC	0.220 A	18.0 W
88941670	MASTER PL-T TOP 18W/840/4P 1CT/5X10BOX	0.220 A	18.0 W
88944770	MASTER PL-T TOP 26W/830/4P 1CT/5X10CC	0.335 A	26.0 W
56023070	MASTER PL-T TOP 32W/830/4P 1CT/5X10CC	0.320 A	32.0 W
56026170	MASTER PL-T TOP 32W/840/4P 1CT/5X10CC	0.320 A	32.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
61004170	MASTER PL-T TOP 42W/830/4P 1CT/5X10CC	0.320 A	38.0 W
61008970	MASTER PL-T TOP 42W/840/4P 1CT/5X10CC	0.320 A	42 W
61022570	MASTER PL-T TOP 57W/830/4P 1CT/5X10CC	0.320 A	51.0 W
61034870	MASTER PL-T TOP 57W/840/4P 1CT/5X10CC	0.320 A	57 W

General Information

Order Code	Full Product Name	Cap-Base
88908970	MASTER PL-T TOP 18W/830/4P 1CT/5X10CC	GX24Q-2
88941670	MASTER PL-T TOP 18W/840/4P 1CT/5X10BOX	GX24Q-2
88944770	MASTER PL-T TOP 26W/830/4P 1CT/5X10CC	GX24Q-3
56023070	MASTER PL-T TOP 32W/830/4P 1CT/5X10CC	GX24Q-3
56026170	MASTER PL-T TOP 32W/840/4P 1CT/5X10CC	GX24Q-3

Order Code	Full Product Name	Cap-Base
61004170	MASTER PL-T TOP 42W/830/4P 1CT/5X10CC	GX24Q-4
61008970	MASTER PL-T TOP 42W/840/4P 1CT/5X10CC	GX24Q-4
61022570	MASTER PL-T TOP 57W/830/4P 1CT/5X10CC	GX24Q-5
61034870	MASTER PL-T TOP 57W/840/4P 1CT/5X10CC	GX24Q-5

Light Technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
88908970	MASTER PL-T TOP 18W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
88941670	MASTER PL-T TOP 18W/840/4P 1CT/5X10BOX	840	Cool White (CW)	4000 K	82
88944770	MASTER PL-T TOP 26W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
56023070	MASTER PL-T TOP 32W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
56026170	MASTER PL-T TOP 32W/840/4P 1CT/5X10CC	840	Cool White (CW)	4100 K	82

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
61004170	MASTER PL-T TOP 42W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
61008970	MASTER PL-T TOP 42W/840/4P 1CT/5X10CC	840	Cool White (CW)	4100 K	82
61022570	MASTER PL-T TOP 57W/830/4P 1CT/5X10CC	830	Warm White (WW)	3000 K	>80
61034870	MASTER PL-T TOP 57W/840/4P 1CT/5X10CC	840	Cool White (CW)	4000 K	82

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
88908970	MASTER PL-T TOP 18W/830/4P 1CT/5X10CC	67 lm/W	1200 lm	1200 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
88941670	MASTER PL-T TOP 18W/840/4P 1CT/5X10BOX	67 lm/W	1200 lm	1200 lm

MASTER PL-T TOP 4 Pin

Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
88944770	MASTER PL-T TOP 26W/ 830/4P 1CT/5X10CC	66 lm/W	1800 lm	1725 lm
56023070	MASTER PL-T TOP 32W/ 830/4P 1CT/5X10CC	75 lm/W	2400 lm	2400 lm
56026170	MASTER PL-T TOP 32W/ 840/4P 1CT/5X10CC	75 lm/W	2400 lm	2400 lm
61004170	MASTER PL-T TOP 42W/ 830/4P 1CT/5X10CC	80 lm/W	3200 lm	3050 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
61008970	MASTER PL-T TOP 42W/ 840/4P 1CT/5X10CC	80 lm/W	3200 lm	3050 lm
61022570	MASTER PL-T TOP 57W/ 830/4P 1CT/5X10CC	76 lm/W	4300 lm	3900 lm
61034870	MASTER PL-T TOP 57W/ 840/4P 1CT/5X10CC	76 lm/W	4300 lm	3900 lm

