



MASTER PL-T 4 Pin

MASTER PL-T 18W/830/4P 1CT

Energy saving compact fluorescent lamp Compact long-arc low-pressure mercury discharge lamp Envelope consists of six parallel narrow fluorescent tubes

Product data

• General Characteristics

Cap-Base	GX24q-2
Cap-Base Information	4P
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	13000 hr
Life to 50% fail Nonpreh EL,3h	7000 hr
Life to 10% fail Nonpreh EL,3h	4500 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% failures EM	6500 hr
LSF HF Preheat 12000h Rated,3h	60 %
LSF HF Preheat 8000h Rated,3h	90 %
LSF HF Preheat 6000h Rated,3h	97 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 2000h Rated,3h	99 %

• Electrical Characteristics

Lamp Wattage	18 W
Lamp Voltage EL 25°C	100 V
Lamp Current EL 25°C	0.225 A
Dimmable	Yes
Lamp Wattage EL 25°C, Rated	16.5 W

Lamp Wattage EL 25°C, Nominal	18 W
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• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	1.4 mg

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Chromaticity Coordinate X	434 -
Chromaticity Coordinate Y	397 -
Lum Efficacy Rated HF 25°C	73 (min) Lm/W
LLMF HF 12000h Rated	81 %
LLMF HF 8000h Rated	84 %
LLMF HF 6000h Rated	86 %
LLMF HF 4000h Rated	88 %
LLMF HF 2000h Rated	92 %
Luminous Flux EL 25°C, Rated	1200 Lm



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MASTER PL-T 4 Pin

Luminous Flux EL 1200 Lm
 25°C, Nominal
 Design Temperature 28 C

Full product code 927914483071
 Full product name MASTER PL-T 18W/830/4P 1CT
 Order product name MASTER PL-T 18W/830/4P 1CT/
 5X10CC
 Pieces per pack 1
 Packing configuration 5X10CC
 Packs per outerbox 50
 Bar code on pack -
 EAN1 8711500610768
 Bar code on inter-
 mediate packing -
 EAN2 8711500610843
 Bar code on
 outerbox - EAN3 8711500610966
 Logistic code(s) -
 12NC 927914483071
 ILCOS code FSM-18/30/1B-E-GX24q=2
 Net weight per piece 58.000 gr

• **Product Dimensions**

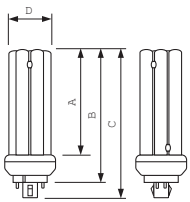
Base Face to Base
 Face A 71.7 (max) mm
 Insertion Length B 96.0 (max) mm
 Overall Length C 111.7 (max) mm
 Diameter D 41.0 (max) mm

• **Measuring Conditions**

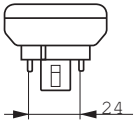
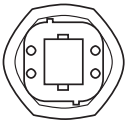
• **Product Data**

Order code 927914483071

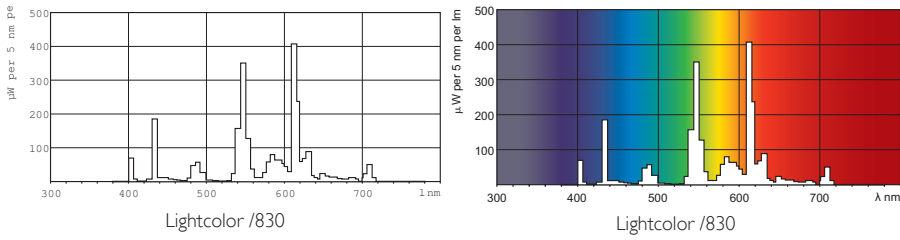
Dimensional drawing



Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T 18W/830/4P M	71.7	96.0	111.7	41.0



Photometric data



Lamps being part of this product family comply with Commission Regulation (EC) No 245/2009 – Ecodesign requirements, applicable from 13 April 2010.

1.3 Product information requirements on lamps

- a) Nominal and rated lamp wattage;
 - b) Nominal and rated lamp luminous flux;
 - c) Rated lamp efficacy at 100 h in standard conditions (25 °C, for T5 lamps at 35 °C). For fluorescent lamps both at 50 Hz (mains frequency) operation (where applicable) and at High Frequency (> 50 Hz) operation (where applicable) for the same rated luminous flux in all cases, indicating for High Frequency operation the calibration current of the test conditions and/or the rated voltage of the HF generator with the resistance. It shall be stated in a conspicuous manner that the power dissipated by auxiliary equipment such as ballasts is not included in the power consumed by the source;
 - d) Rated lamp Lumen Maintenance Factor at 2000 h, 4000 h, 6000 h, 8000 h, 12000 h, 16000 h and 20000 h (up to 8000 h only for new lamps on the market where no data is yet available), indicating which operation mode of the lamp was used for the test if both 50 Hz and High Frequency operation are possible;
 - e) Rated lamp Survival Factor at 2000 h, 4000 h, 6000 h, 8000 h, 12000 h, 16000 h and 20000 h (up to 8000 h only for new lamps on the market where no data is yet available), indicating which operation mode of the lamp was used for the test if both 50 Hz and High Frequency operation are possible;
 - f) Lamp mercury content as X.X mg;
 - g) Colour Rendering Index (Ra) of the lamp;
 - h) Colour temperature of the lamp;
 - i) Ambient temperature inside the luminaire at which the lamp was designed to maximise its luminous flux. If this temperature is equal to or lower than 0 °C or equal to or higher than 50 °C it shall be stated that the lamp is not suitable for indoor use at standard room temperatures;
 - j) For fluorescent lamps without integrated ballast, the energy efficiency index(es) of ballasts as defined in Table 17 with which the lamp can operate.
- See Table 17-EuP245.pdf for Table 17 – Energy efficiency index requirements for non-dimmable ballasts for fluorescent lamps.
For more information see: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:076:0017:0044:EN:PDF>



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data subject to change