MASTER PL-T TOP 2 Pin

MASTER PL-T TOP 18W/840/2P 1CT

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

Product data

• Product Data

Order code	927910784069
Full product code	927910784069
Full product name	MASTER PL-T TOP 18W/840/2P 1CT
Order product name	MASTER PL-T TOP 18W/840/2P 1CT/5X10BOX
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500890146
Bar code on inter-mediate packing - EAN2	8711500890153
Bar code on outerbox - EAN3	8711500890160
Logistic code(s) - 12NC	927910784069
ILCOS code	FSM-18/40/1B-I-GX24d=2
Net weight per piece	59.000 gr

• General Characteristics

Cap-Base	GX24d-2
Cap-Base Information	2P
Life to 50% failures EM	10000 hr
Life to 10% failures EM	6500 hr
LSF EM 8000h Rated, 3h cycle	80 %
LSF EM 6000h Rated, 3h cycle	91 %
LSF EM 4000h Rated, 3h cycle	95 %
LSF EM 2000h Rated, 3h cycle	98 %

• Electrical Characteristics

Lamp Wattage	18 W
Dimmable	No
Lamp Current EM 25°C	0.220 A
Lamp Wattage EM 25°C, Rated	18.0 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Voltage EM 25°C	100 V

• Environmental Characteristics

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

• Light Technical Characteristics

Color Code	840 [CCT of 4000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Chromaticity Coor-dinate X	380 -
Chromaticity Coor-dinate Y	379 -
Lum Efficacy Rated EM 25°C	67 Lm/W
LLMF EM 8000h Rated	81 %

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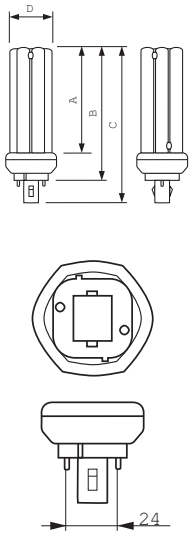
LLMF EM 6000h Rated	84 %
LLMF EM 4000h Rated	87 %
LLMF EM 2000h Rated	92 %
Luminous Flux EM 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm

Design Temperature	28 C

- Product Dimensions

Base Face to Base Face A	71.7 mm
Insertion Length B	96.0 mm
Overall Length C	119.2 mm
Diameter D	41.0 mm

Dimensional drawing



Product	A (Max)	B (Max)	C (Max)	D (Max)
PL-T TOP 18W/840/2P A	71.7	96.0	119.2	41.0

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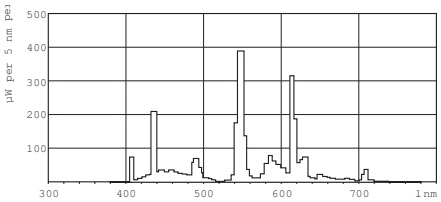
Photometric data



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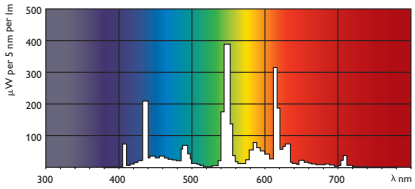

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Lamps being part of this product family comply with Commission Regulation (EC) No 245/2009 – Ecodesign requirements, applicable from 13 April 2010.
1.3 Product information requirements on lamps
a) Nominal and rated lamp wattage;
b) Nominal and rated 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

www.philips.com/lighting

2011, March 14
data subject to change