

MASTER TL5 High Efficiency Xtra Eco

MASTER TL5 HE Xtra Eco 25=28W/840 1SL

TL5 High Efficiency Xtra Eco lamp (tube diameter 16 mm) provides the ideal combination of extra-long life and extra energy savings via simple lamp-for-lamp replacement of TL5 HE lamps, without any compromise on the high lighting quality.

Product data

• General Information

Cap-Base	G5 [G5]
Life To 50% Failures	45000 h
Preheat (Nom)	
Features	Not Applicable
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	99 %
LSF Preheat 20000 h Rated	94 %

• Light Technical

Color Code	840 [CCT of 4000K (841)]
Luminous Flux (Nom)	2900 lm
Luminous Flux (Rated) (Nom)	2600 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	114 lm/W
Chromaticity Coordinate X (Nom)	380
Chromaticity Coordinate Y (Nom)	380
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	88 %

• Operating and Electrical

Power (Rated) (Nom)	25.2 W
Lamp Current (Nom)	0.170 A

• Temperature

Design Temperature (Nom)	35 °C

• Controls and Dimming

Dimmable	Yes

• Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	3.0 mg

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MASTER TL5 High Efficiency Xtra Eco

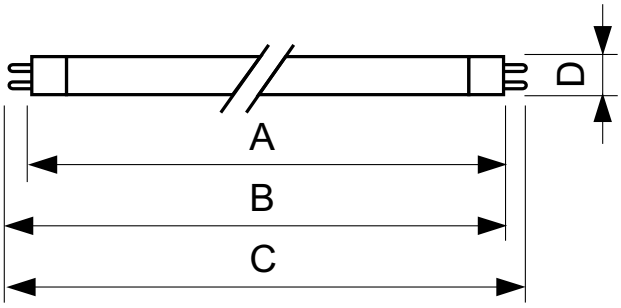
- Product Data

Full product code	871829166946300
Order product name	MASTER TL5 HE Xtra Eco 25=28W/840 1SL
EAN/UPC - Product	8718291669463
Order code	927994384055
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927994384055
Net Weight (Piece)	96.600 g

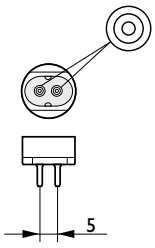
Warnings and Safety

- A reduction in energy consumption is only achieved with current-controlled gear.
- The lamps operate perfectly with power-controlled gear, but in that case the light output can be up to 10% higher.
- To achieve lifetimes as published for 100% operation, dimming below 30% should not be applied.
- 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.

Dimensional drawing



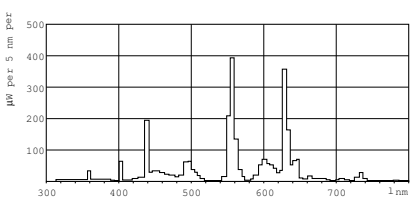
G5, T5

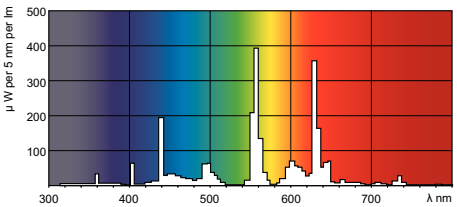


TL5 HE Xtra Eco 25=28W/840

Product	D	A	B	B	C
MASTER TL5 HE Xtra Eco 25=28W/840 1SL	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data





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data subject to change