



MASTER TL5 High Efficiency Eco

MASTER TL5 HE Eco 25=28W/840 1SL/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HE Eco lamp offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

General Information	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	25000 h
Features	na [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]
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
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	90 %

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
----------	-----

MASTER TL5 High Efficiency Eco

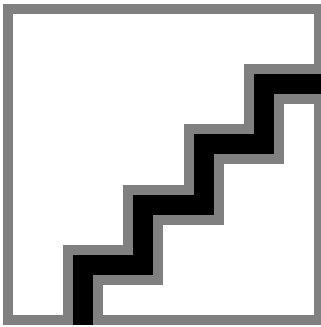
Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	28 kWh
Product Data	
Full product code	872790090820601
Order product name	MASTER TL5 HE Eco 25=28W/840 1SL/40

EAN/UPC - Product	8727900908206
Order code	927990984033
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927990984033
Net Weight (Piece)	96.600 g
ILCOS Code	FDH-25/40/1B-L/P-G5-16/1150

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.
- 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.

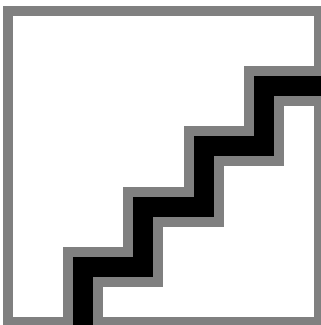
Dimensional drawing



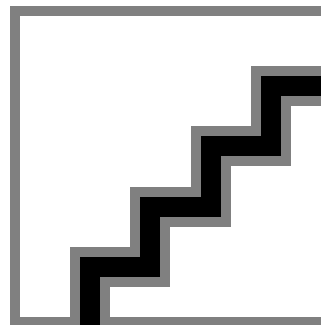
TL5 HE Eco 25=28W/840

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco 25=28W/840 1SL/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



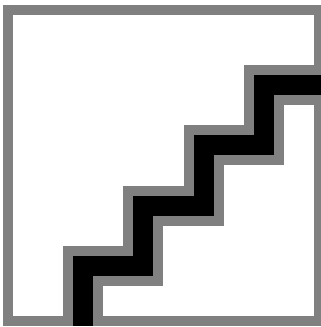
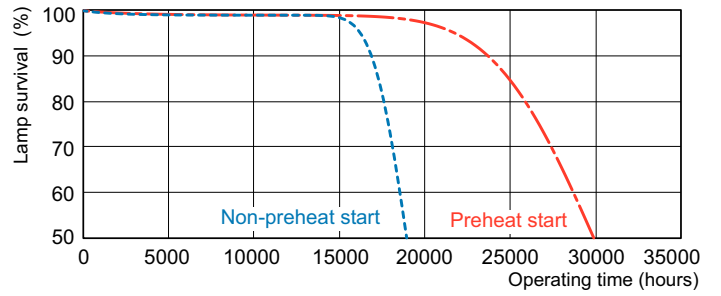
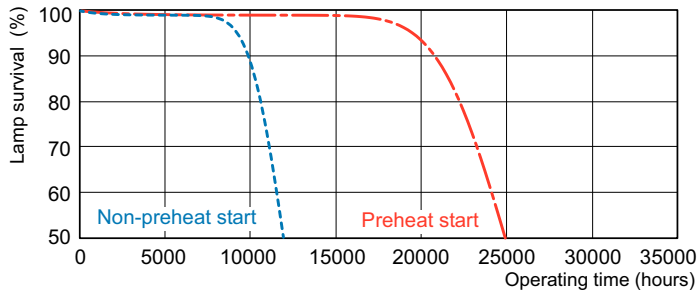
LDPB_TL5HEECO_840-Spectral power distribution B/W



LDPO_TL5HEECO_840-Spectral power distribution Colour

MASTER TL5 High Efficiency Eco

Lifetime



LDLM_TL5HEECO_0001-Lumen maintenance diagram

