



MASTER TL5 High Output Eco

MASTER TL5 HO Eco 45=49W/840 UNP/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HO Eco lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and colour rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

General Information		Color rendering index (max.)	
Cap base	G5 [G5]		85
Life to 50% failures preheat (nom.)	30000 h	Color rendering index (min.)	80
Features	na [Not Applicable]	Color rendering index (nom.)	82
LSF Preheat 2000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 4000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 6000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 8000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 16000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 20000 h Rated	94 %	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour code	840 [CCT of 4,000 K]	Power (Rated) (Nom)	44.6 W
Luminous flux (nom.)	4900 lm	Lamp current (nom.)	0.260 A
Luminous flux (rated) (nom.)	4100 lm		
Colour designation	Cool White (CW)	Temperature	
Luminous efficacy (@ max. lumen, rated) (nom.)	108 lm/W	Design temperature (nom.)	35 °C
Correlated Colour Temperature (Nom)	4000 K		
Luminous efficacy (rated) (nom.)	92 lm/W		

MASTER TL5 High Output Eco

Controls and Dimming

Dimmable	yes
----------	-----

Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	50 kWh

Product Data

Full product code	872790082595400
Order product name	MASTER TL5 HO Eco 45=49W/840 UNP/40

EAN/UPC – product	8711500880079
Order code	82595400
Local Code	45840TL5ECO
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927991784031
Net weight (piece)	127.400 g
ILCOS Code	FDH-45/40/1B-L/P-G5-16/1450

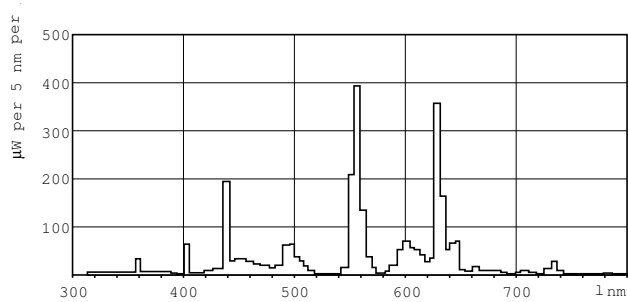
Warnings and Safety

Dimensional drawing

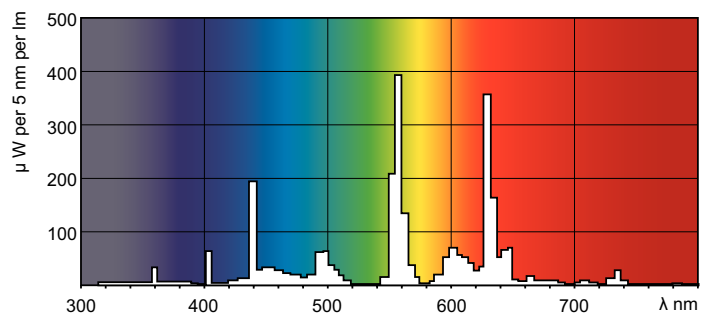
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco 45=49W/840 UNP/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 HO Eco 45=49W/840

Photometric data



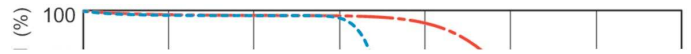
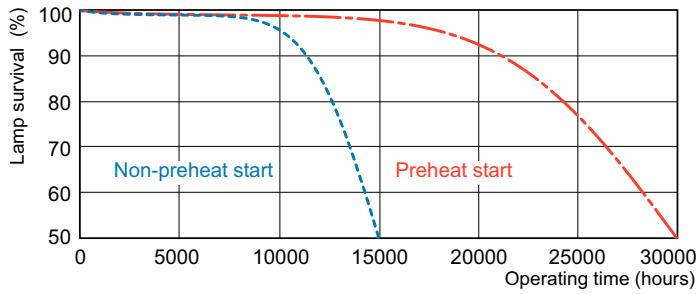
Lightcolour /840



Lightcolour /840

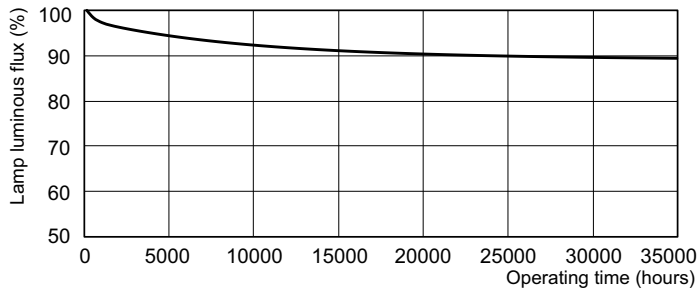
MASTER TL5 High Output Eco

Lifetime



LDLE_TL5ECO_0001-Life expectancy diagram

LDLE_TL5ECO_0002-Life expectancy diagram



LDLM_TL5ECO_0001-Lumen maintenance diagram

