



MASTER TL5 High Output Eco

MASTER TL5 HO Eco 20=24W/830 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 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)	30000 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	
Colour Code	830 [CCT of 3000K]
Luminous Flux (Nom)	1950 lm
Luminous Flux (Rated) (Nom)	1650 lm
Colour Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W

Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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)	19.5 W
Lamp Current (Nom)	0.300 A
Temperature	
Design Temperature (Nom)	35 °C

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Controls and Dimming

Dimmable	Yes
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Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	22 kWh

Product Data

Full product code	872790088084700
Order product name	MASTER TL5 HO Eco 20=24W/830 UNP/40

EAN/UPC - Product	8711500881304
Order code	88084700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927989983031
Net Weight (Piece)	52.000 g
ILCOS Code	FDH-20/30/1B-L/P-G5-16/550

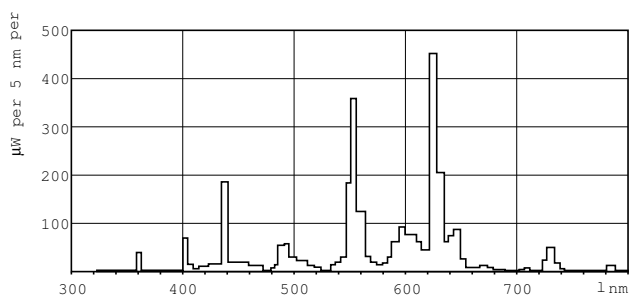
Warnings and Safety

Dimensional drawing

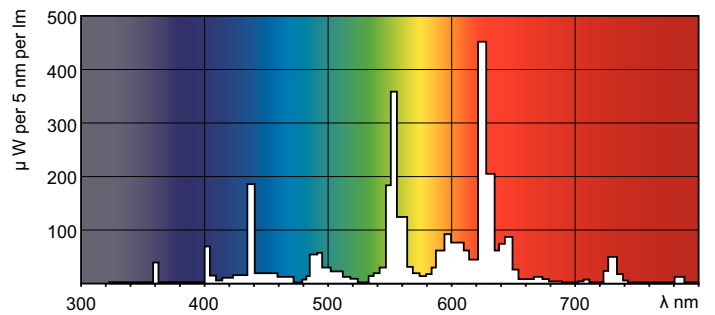
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco 20=24W/830 UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

TL5 HO Eco 20=24W/830

Photometric data



Lightcolour /830



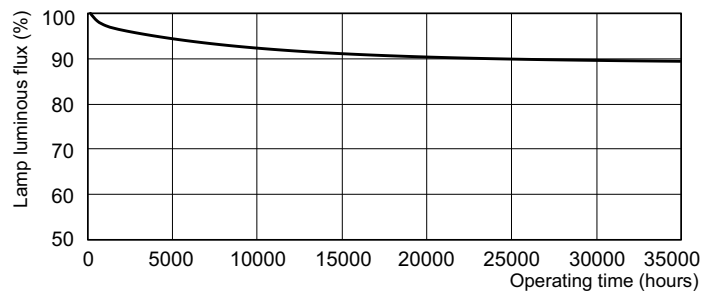
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Lifetime



LDLE_TL5ECO_0001-Life expectancy diagram



LDLM_TL5ECO_0001-Lumen maintenance diagram

