



# MASTER TL-D Eco

## MASTER TL-D Eco 16W/830 SLV/25

The MASTER TL-D Eco lamp offers the same light output as a MASTER TL-D Super 80 lamp, while using less energy, thanks to the use of specific phosphors and a special gas filling. Application areas are schools, offices, governmental buildings and healthcare environments.

### Product data

General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
Life To 10% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	15000 h
Life to 50% Failures Preheat (Nom)	20000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	89 %
LSF 16000 h Rated	33 %
LSF 20000 h Rated	2 %
Light Technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Nom)	1300 lm
Luminous Flux (Rated) (Nom)	1175 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Color Rendering Index (Nom)	>80
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 (Nom)	15.7 W
Lamp Current (Nom)	0.380 A

Temperature	
Design Temperature (Nom)	30 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Cap-Base Information	Green Cap

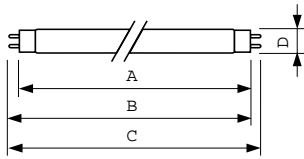
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg

# MASTER TL-D Eco

Energy Consumption kWh/1000 h	19 kWh
<b>Product Data</b>	
Full product code	871150026857040
Order product name	MASTER TL-D Eco 16W/830 SLV/25
EAN/UPC - Product	8711500268570
Order code	927922883015

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927922883015
Net Weight (Piece)	71.000 g
ILCOS Code	FD-16/30/1B-E-G13-26/604

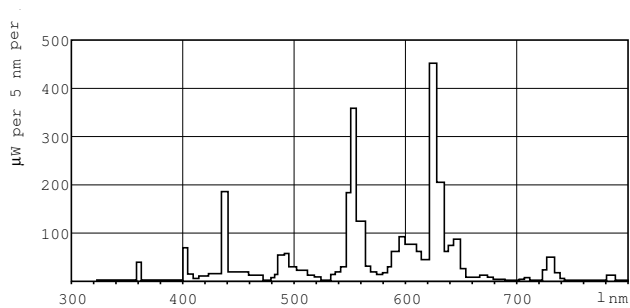
## Dimensional drawing



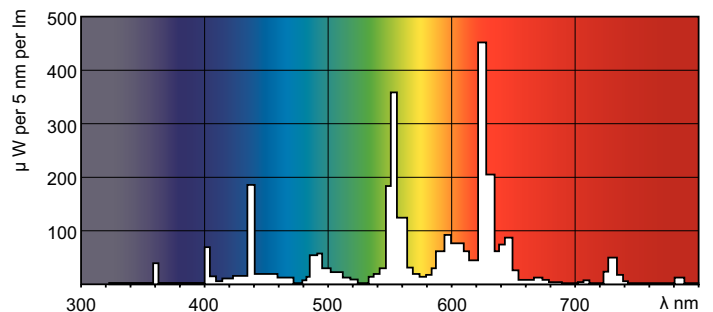
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Eco 16W/830 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

## TL-D Eco 16W/830

## Photometric data



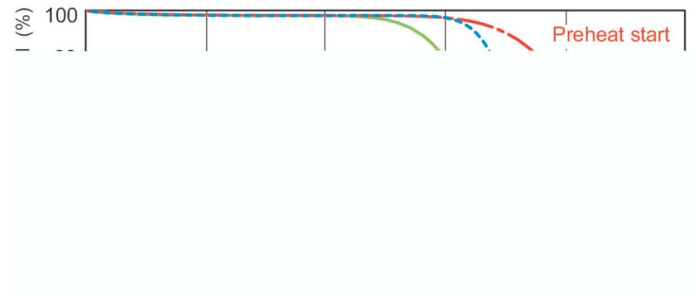
LDPB\_TL-D8ECO\_830-Spectral power distribution B/W



LDPO\_TL-D8ECO\_830-Spectral power distribution Colour

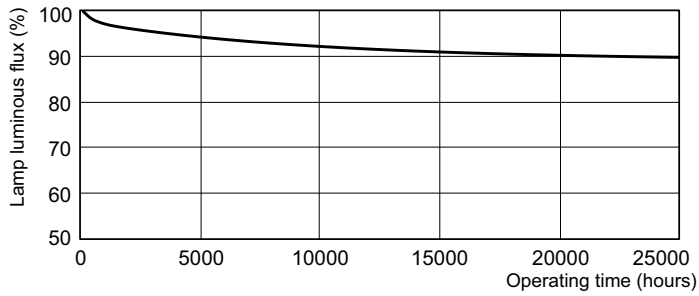
# MASTER TL-D Eco

## Lifetime



LDLE\_TL-D8ECO\_0001-Life expectancy diagram

LDLE\_TL-D8ECO\_0002-Life expectancy diagram



LDLM\_TL-D8ECO\_0001-Lumen maintenance diagram

