# **PHILIPS** Lighting

# MASTER TL5 High Output

# MASTER TL5 HO 24W/830 SLV/40

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO 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]
System Description	High Output
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	97 %
LSF Preheat 20000 h Rated	84 %

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 (Nom)	22.5 W
Lamp Current (Nom)	0.295 A
Temperature	
Design Temperature (Nom)	35 ℃

#### Light Technical

Color Code	830 [ CCT of 3000K]
Luminous Flux (Nom)	1950 lm
Luminous Flux (Rated) (Nom)	1700 lm
Color Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	87 lm/W
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	76 lm/W

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Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Cap-Base Information	Green Plate	
Approval and Application		
Energy Efficiency Label (EEL)	А	
Mercury (Hg) Content (Nom)	1.4 mg	
Energy Consumption kWh/1000 h	25 kWh	
Product Data		
Full product code	871150063958555	

Order product name	MASTER TL5 HO 24W/830 SLV/40
EAN/UPC - Product	8711500639585
Order code	927928083055
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927928083055
Net Weight (Piece)	52.000 g
ILCOS Code	FDH-24/30/1B-L/P-G5-16/550

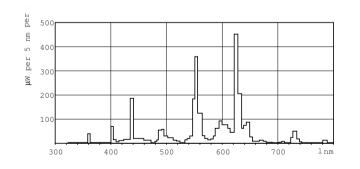
#### Warnings and Safety

#### Dimensional drawing

В	
С	

#### TL5 HO 24W/830

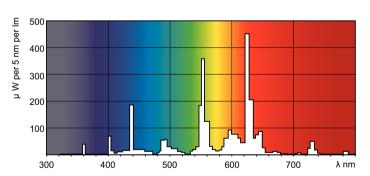
#### Photometric data



LDPB\_TL5-HO8\_830-Spectral power distribution B/W

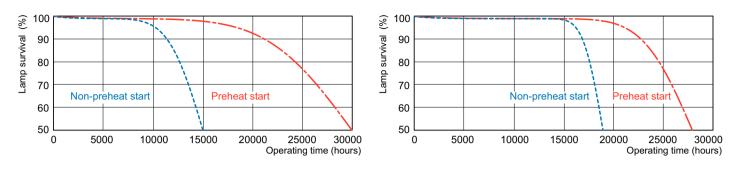
#### Product

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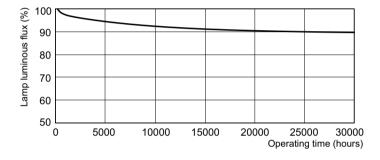


### **MASTER TL5 High Output**

#### Lifetime



LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram



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