

# Lighting

**PHILIPS** 

# MASTER TL5 High Output Eco

# MASTER TL5 HO Eco 34=39W/840 1SL/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	
Color Code	840 [ CCT of 4000K]
Luminous Flux (Nom)	3500 lm
Luminous Flux (Rated) (Nom)	3250 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated)	102 lm/W
(Nom)	
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	94 lm/W

Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	85
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)	34.6 W
Lamp Current (Nom)	0.340 A
Temperature	
Design Temperature (Nom)	35 ℃

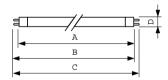
## **MASTER TL5 High Output Eco**

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	38 kWh				
Product Data					
Full product code	872790091808301				
Order product name	MASTER TL5 HO Eco 34=39W/840				
	1SL/40				
	13L/40				

EAN/UPC - Product	8727900918083			
Order code	927992384033			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	40			
Material Nr. (12NC)	927992384033			
Net Weight (Piece)	79.200 g			
ILCOS Code	FDH-34/40/1B-L/P-G5-16/850			

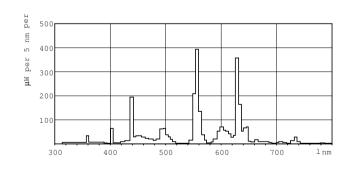
#### Warnings and Safety

#### **Dimensional drawing**



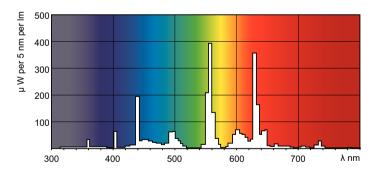
#### TL5 HO Eco 34=39W/840

#### Photometric data



LDPB\_TL5ECO\_840-Spectral power distribution B/W

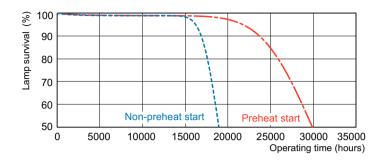
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
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## **MASTER TL5 High Output Eco**

Lifetime



LDLE\_TL5ECO\_0001-Life expectancy diagram

LDLM\_TL5ECO\_0001-Lumen maintenance diagram



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