# MASTER TL5 High Efficiency

# MASTER TL5 HE 35W/840 1SL/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

## Warnings and Safety

**PHILIPS** 

Lighting

• A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

## Product data

General information			
Cap base	G5 [ G5]		
Life to 50% failures preheat (nom.)	24000 h		
Features	na [ Not Applicable]		
System description	High Efficiency		
LSF preheat 2,000 hours rated	99 %		
LSF preheat 4,000 hours rated	99 %		
LSF preheat 6,000 hours rated	99 %		
LSF preheat 8,000 hours rated	99 %		
LSF preheat 16,000 hours rated	97 %		
LSF preheat 20,000 hours rated	84 %		
	Sphere		
Light technical			
Colour Code	840 [ CCT of 4,000 K]		
Luminous flux (nom.)	3315 lm		
Luminous flux (rated) (nom.)	3325 lm		
Colour designation	Cool White (CW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W		

Chromaticity coordinate X (nom.)	0.38
Chromaticity coordinate Y (nom.)	0.38
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	94 lm/W
Color rendering index (max.)	85
Colour-rendering index (min.)	80
Colour 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 (Rated) (Nom)	34.9 W
Lamp current (nom.)	0.175 A





# **MASTER TL5 High Efficiency**

Temperature			
Design temperature (nom.)	35 ℃		
Controls and dimming			
Dimmable	Yes		
Mechanical and housing			
Cap-base information	Green Plate		
Bulb shape	T5 [ 16 mm (T5)]		
Approval and application			
Energy Efficiency Class	F		
Mercury (Hg) content (nom.)	1.2 mg		
Energy consumption kWh/1,000 hours	35 kWh		
	423543		

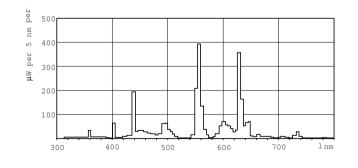
Product data	
Full product code	871150063952355
Order product name	MASTER TL5 HE 35W/840 SLV/40
EAN/UPC – product	8711500639523
Order code	63952355
Local order code	35840
SAP numerator – quantity per pack	1
Local code description	4922784
Numerator – packs per outer box	40
SAP material	927927084055
Net Weight (Piece)	127.400 g
ILCOS code	FDH-35/40/1B-L/P-G5-16/1450

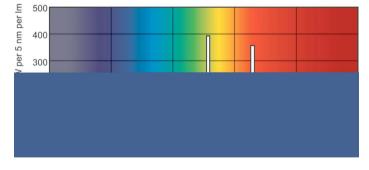
#### Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm
35W/840 SLV/40					

#### MASTER TL5 HE 35W/840 SLV/40

#### Photometric data



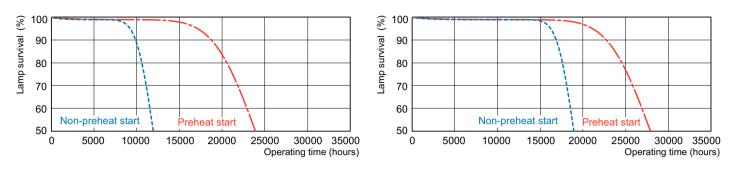


#### Lightcolour /840

Lightcolour /840

# **MASTER TL5 High Efficiency**

#### Lifetime





LDLE\_TL5-HE8\_0002-Life expectancy diagram

LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

LDLE\_TL5-HE8\_0001-Life expectancy diagram



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2022, December 17 - data subject to change