

Lighting

PHILIPS

TL5 Essential HE Super 80

TL5 Essential 28W/827 1SL/40

Philips TL5 Essential Super80 is a new fluorescent lamp which provides home users and professional end-users an aesthetic miniaturized lighting solution with high reliability at low price.

Warnings and Safety

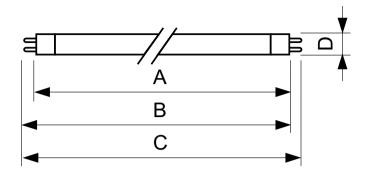
• 20,000 hours lifetime (50% survival point, 3 hour cycle) with preheat ballast which is ENEC compliant. Lifetime performance may differ on non-ENEC compliant ballasts.

Product data

General Information		Mechanical and Housing			
Cap-Base	G5 [G5]	Bulb Shape	T5 [16 mm (T5)]		
Light Technical		Approval and Application			
Color Code	827 [CCT of 2700K]	Mercury (Hg) Content (Nom)	2.0 mg		
Luminous Flux	2,900 lm				
Color Designation	Incandescent White	Product Data	ct Data		
Correlated Color Temperature (Nom)	2700 K	Order product name	TL5 Essential 28W/827 1SL/4		
Luminous Efficacy (rated) (Nom)	94 lm/W	Full product name	TL5 Essential 28W/827 1SL/40		
Color rendering index (CRI)	82	Full product code	872790092135900		
		Order code	927926782758		
Operating and Electrical		Material Nr. (12NC)	927926782758		
Power Consumption	27.8 W	Numerator - Quantity Per Pack	1		
Lamp Current (Nom)	0.170 A	EAN/UPC - Product/Case	8727900921359		
		Numerator - Packs per outer box	40		
Controls and Dimming		EAN/UPC - Case	8727900921366		
Dimmable	No				

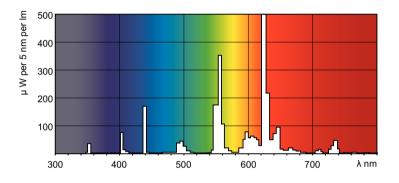
TL5 Essential HE Super 80

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 28W/827 1SL/40	17.0 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

Photometric data



Spectral Power Distribution Colour - TL5 Essential 28W/827 1SL/40



© 2023 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 2023, April 16 - data subject to change