# **PHILIPS** Lighting

## MainsFit (UL Type-B) T5

### 10T5HE/COR/34-835/MF13/G 25/1

The MainsFit (UL Type-B) lamps are designed to be the perfect retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This ballast bypass lamp has everything needed built into the lamp with proven energy savings, long life, surge suppression and industry leading safety features. All lamps in the MainsFit family are double-ended to help simplify the installation. In addition, all lamps meet the Philips standards for light quality so that end users will be in a comfortable environment regardless of the MainsFit lamp type.

#### **Product data**

General Information				
Cap-Base	G5			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
Light Technical				
Color Code	835 [CCT of 3500K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	1,300 lm			
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3500 K			
Luminous Efficacy (rated) (Nom)	130.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom)	70 %			

On supplier and Electrical		
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	10 W	
Lamp Current (Max)	105 mA	
Lamp Current (Min)	40 mA	
Wattage Equivalent	21 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	120-277 V	
UL Type	UL Type B	
Temperature		
T-Case Maximum (Nom)	70 °C	

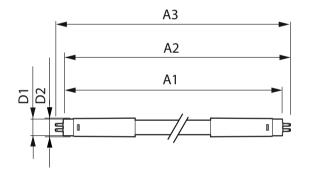
PHILIPS

#### MainsFit (UL Type-B) T5

Controls and Dimming				
Dimmable	Limited			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Glass			
Product Length	900 mm			
Bulb Shape	Т5			
Net Weight (Piece)	0.125 kg			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	RoHS compliance UL certificate			
EU RoHS compliant	Yes			
Ambient temperature range	-20 ℃ to 45 ℃			

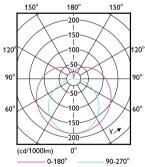
can it be used in closed luminaires	Yes		
Product Data			
Order product name	10T5HE/COR/34-835/MF13/G 25/1		
Full product name	10T5HE/COR/34-835/MF13/G 25/1		
Order code	929003123004		
Material Nr. (12NC)	929003123004		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677576172		
Numerator - Packs per outer box	25		
EAN/UPC - Case	50046677576177		

#### Dimensional drawing

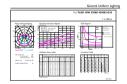


Product	D1	D2	A1	A2	A3
10T5HE/COR/34-835/MF13/G 25/1	15.3 mm	18.2 mm	849 mm	854.9 mm	863.2 mm

#### Photometric data



Light Distribution Diagram - 10T5HE/COR/34-835/MF13/G 25/1



s Lyleng & r

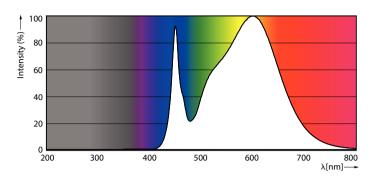
Application Conditions

General uniform lighting - 10T5HE/COR/34-835/MF13/G 25/1

Datasheet, 2025, March 4

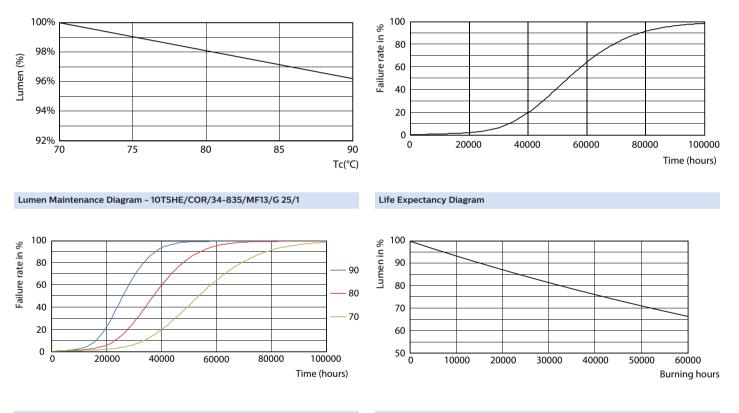
#### MainsFit (UL Type-B) T5

Photometric data



Spectral Power Distribution Colour - 10T5HE/COR/34-835/MF13/G 25/1

#### Lifetime

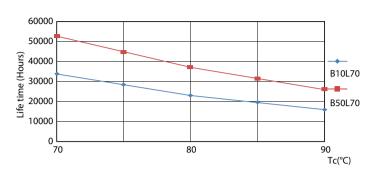


LEDtube 50K 7090 FailureRate-LED

Lumen Maintenance Diagram - 10T5HE/COR/34-835/MF13/G 25/1

#### MainsFit (UL Type-B) T5





LifetimeVsTc



© 2025 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 2025, March 4 - data subject to change