# **PHILIPS** Lighting

# MainsFit (UL Type-B) T5

# 10T5HE/COR/34-850/MF14/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			
EU RoHS compliant	Yes			
Light Technical				
Color Code	850 [CCT of 5000K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	1,400 lm			
Color Designation	Daylight			
Correlated Color Temperature (Nom)	5000 K			
Luminous Efficacy (rated) (Nom)	140.00 lm/W			
Color Consistency	<5			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom)	70 %			

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				
Ambient temperature range	-4 °F to 113 °F			
T-Case Maximum (Nom)	158 °F			

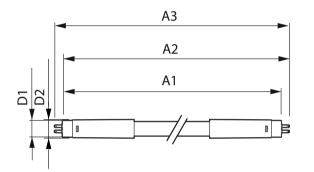
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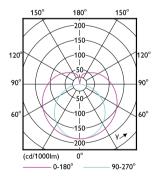
Controls and Dimming					
Dimmable	Limited				
Mechanical and Housing					
Bulb Finish	Frosted				
Bulb Material	Glass				
Product Length	35-7/16 inch				
Bulb Shape	Т5				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	RoHS compliance UL certificate				

Product Data	
Order product name	10T5HE/COR/34-850/MF14/G 25/1
Full product name	10T5HE/COR/34-850/MF14/G 25/1
Order code	576199
Material Nr. (12NC)	929003123204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677576196
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677576191

#### Dimensional drawing



#### Photometric data



Light Distribution Diagram - 10T5HE/COR/34-850/MF14/G 25/1

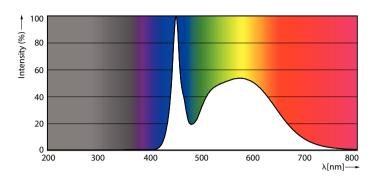
Product	D1	D2	A1	A2	A3
10T5HE/COR/34-850/MF14/G	5/8 inch	3/4 inch	33-7/16 inch	33-11/16 inch	34 inch
25/1					



General uniform lighting - 10T5HE/COR/34-850/MF14/G 25/1

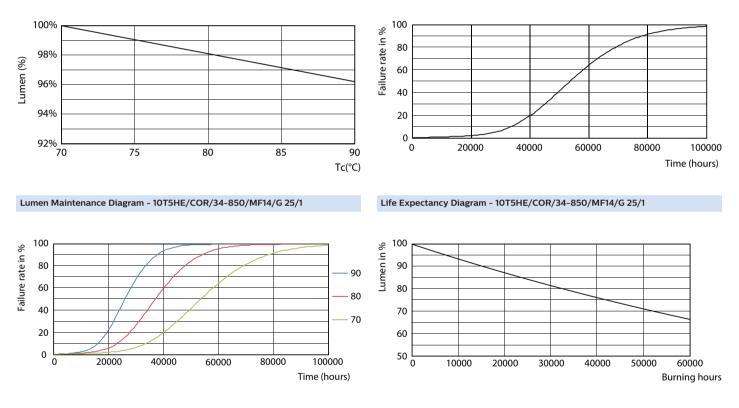
## MainsFit (UL Type-B) T5

Photometric data



Spectral Power Distribution Colour - 10T5HE/COR/34-850/MF14/G 25/1

#### Lifetime

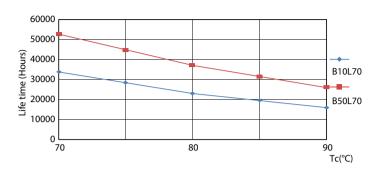


Life Expectancy Diagram - 10T5HE/COR/34-850/MF14/G 25/1

Lumen Maintenance Diagram - 10T5HE/COR/34-850/MF14/G 25/1

# MainsFit (UL Type-B) T5

Lifetime



Life Expectancy Diagram - 10T5HE/COR/34-850/MF14/G 25/1



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