InstantFit (UL Type-A) T5

24T5HO/COR/46-850/IF35/G/DIM 25/1

The InstantFit TLED lamps provide hassle-free installation with simple lamp-for-lamp replacements. They deliver what we promise, with at least 40% energy savings, flicker-free performance, and the life you would expect .Other lamps claim compatibility but only InstantFit (UL Type-A) has been proven to work with over 200 ballasts and drivers, delivering even light output, with proven energy savings and a long average lifetime. End users will be delighted being under these comfortable and high quality InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy the InstantFit lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

Product data

General Information

Cap-Base	G5
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical

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Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	3,500 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	145.00 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	24 W
Lamp Current (Max)	1,200 mA
Lamp Current (Min)	30 mA
Wattage Equivalent	54 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, 347 V
UL Type	UL Type A

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Temperature

T-Case Maximum (Nom)	158 °F

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T5
Net Weight (Piece)	0.333 lb

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F

Application Conditions

can it be used in closed luminaires	Yes

Product Data

Order product name	24T5HO/COR/46-850/IF35/G/DIM 25/1
Full product name	24T5HO/COR/46-850/IF35/G/DIM 25/1
Order code	576744
Material Nr. (12NC)	929003134204
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677576745
Numerator – Packs per outer box	25
EAN/UPC – Case	50046677576740

Dimensional drawing
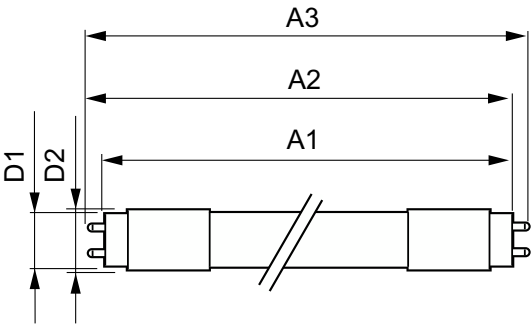
Product	D1	D2	A1	A2	A3
24T5HO/COR/46-850/IF35/G/DIM 25/1	5/8 inch	3/4 inch	45-3/16 inch	45-1/2 inch	45-3/4 inch

Photometric data
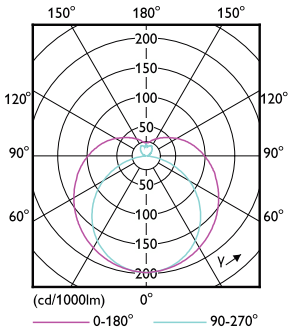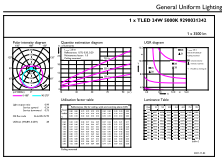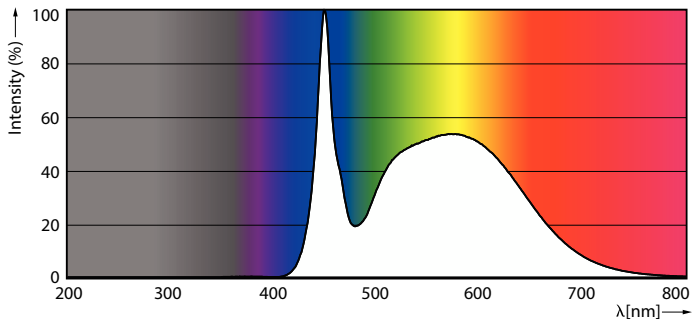

General uniform lighting – 24T5HO/COR/46-850/IF35/G/DIM 25/1

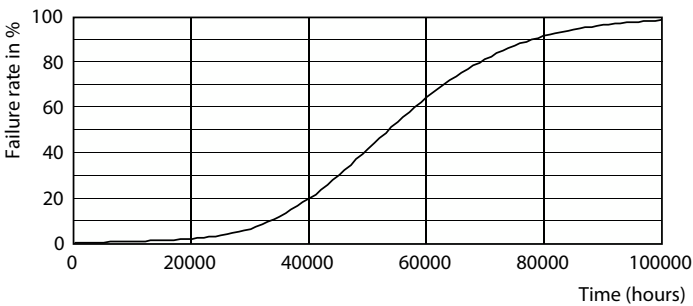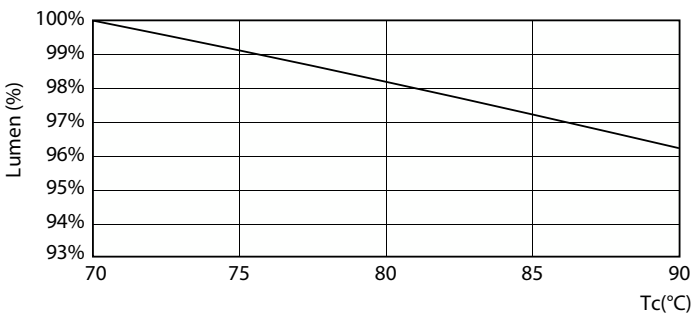Light Distribution Diagram – 24T5HO/COR/46-850/IF35/G/DIM 25/1

Photometric data

Spectral Power Distribution Colour – 24T5HO/COR/46-850/IF35/G/DIM 25/1

Lifetime

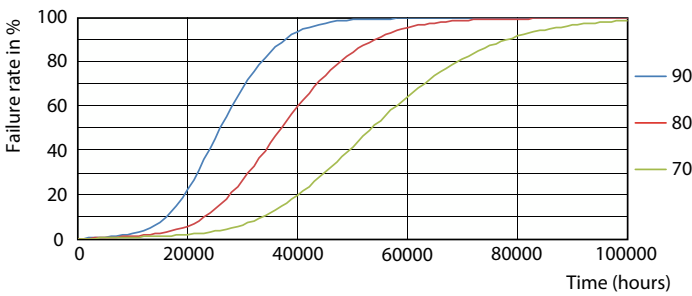
Life Expectancy Diagram

LEDtube 50K 7090 FailureRate-LED

Lumen Maintenance Diagram – 24T5HO/COR/46-850/IF35/G/DIM 25/1

Lumen Maintenance Diagram – 24T5HO/COR/46-850/IF35/G/DIM 25/1

Lifetime

LifetimeVsTc

www.lighting.philips.com

2023, August 16 – data subject to change