InstantFit (UL Type-A) T5

24T5HO/46-835/IF33/P/DIM 10/1

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.
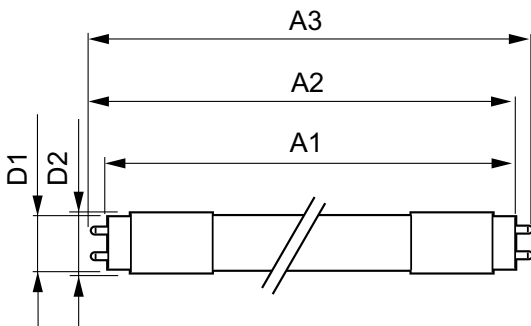
Product data

General Information

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

Light Technical

Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	140 degree(s)
Luminous Flux	3,300 lm
Luminous Efficacy (rated) (Nom)	137.00 lm/W
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Color Consistency	<5
Color rendering index (CRI)	82

LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	40000-80000 Hz
Input Frequency	40000-80000 Hz
Power Consumption	24 W
Lamp Current (Max)	600 mA
Lamp Current (Min)	400 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)	39-64 V
UL Type	UL Type A

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Temperature	
Ambient temperature range	–20 °C to 45 °C
T-Case Maximum (Nom)	45 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T5

Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	– kWh

Energy Certifications	DLC Standard
EU RoHS compliant	Yes

Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	24T5HO/46-835/IF33/P/DIM 10/1
Full product name	24T5HO/46-835/IF33/P/DIM 10/1
Order code	929001283804
Material Nr. (12NC)	929001283804
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.170 kg
EAN/UPC – Product/Case	046677467135
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677467130

Dimensional drawing

Product	D1	D2	A1	A2	A3
24T5HO/46-835/IF33/P/DIM 10/1	15.2 mm	17.8 mm	1,147.8 mm	1,154.9 mm	1,162 mm

Photometric data

Spectral Power Distribution Colour – 24T5HO/46-835/IF33/P/DIM 10/1
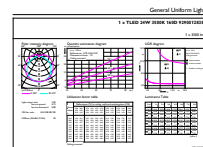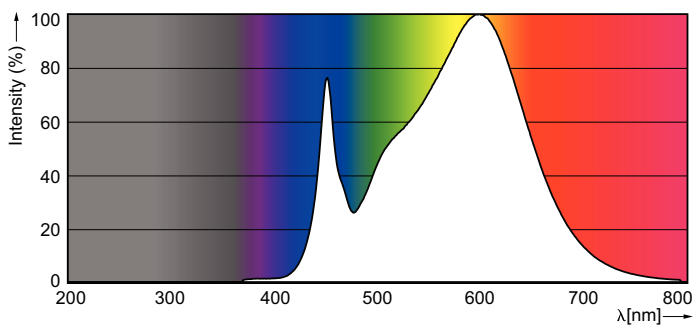
General uniform lighting – 24T5HO/46-835/IF33/P/DIM 10/1

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Photometric data
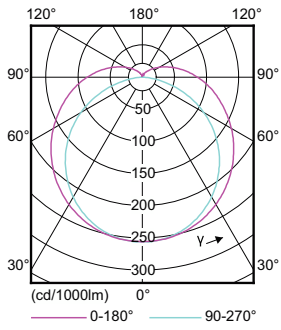
Light Distribution Diagram – 24T5HO/46-835/IF33/P/DIM 10/1

www.lighting.philips.com

2024, July 23 – data subject to change