PHILIPS Lighting

InstantFit (UL Type-A) T5

24T5HO/46-850/IF35/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.
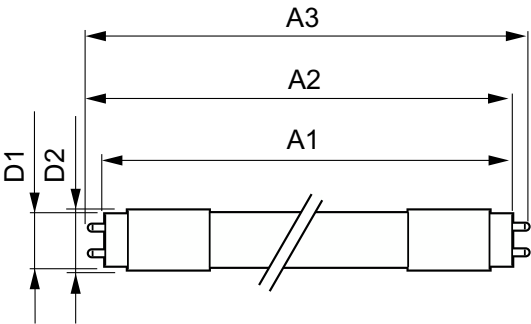
Product data

General Information

Cap-Base	G5 [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)	140 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)	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

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UL Type	UL Type A		**Energy Consumption kWh/1000 h**	– kWh
			Energy Certifications	DLC Standard
Temperature				
Ambient temperature range	–20 °C to 45 °C		**Application Conditions**	
T–Case Maximum (Nom)	45 °C		can it be used in closed luminaires	Yes
Controls and Dimming			**Product Data**	
Dimmable	Yes		Order product name	24T5HO/46–850/IF35/P/DIM 10/1
			Full product name	24T5HO/46–850/IF35/P/DIM 10/1
Mechanical and Housing			Order code	929001284004
Bulb Finish	Frosted		Material Nr. (12NC)	929001284004
Bulb Material	Plastic		Numerator – Quantity Per Pack	1
Product Length	1,200 mm		EAN/UPC – Product/Case	046677467159
Bulb Shape	T5		Numerator – Packs per outer box	10
			EAN/UPC – Case	50046677467154
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	UL certificate RoHS compliance DLC compliance			

Dimensional drawing

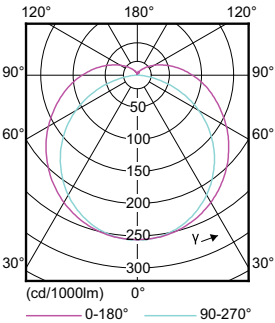| Product	D1	D2	A1	A2	A3
24T5HO/46–850/IF35/P/DIM 10/1	15.2 mm	17.8 mm	1,147.8 mm	1,154.9 mm	1,162 mm

Photometric data
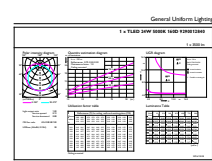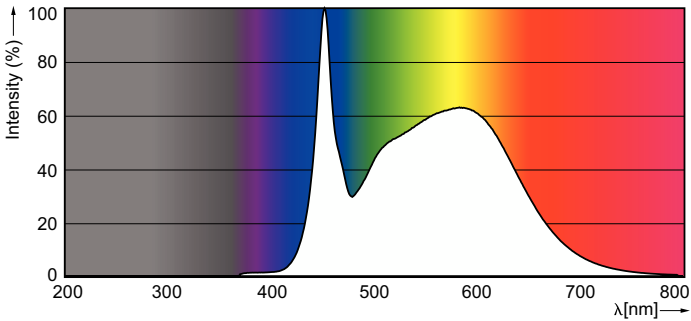
Spectral Power Distribution Colour – 24T5HO/46–850/IF35/P/DIM 10/1

General uniform lighting – 24T5HO/46–850/IF35/P/DIM 10/1

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Photometric data

Light Distribution Diagram – 24T5HO/46-850/IF35/P/DIM 10/1

www.lighting.philips.com

2023, November 30 – data subject to change