PHILIPS

Lighting

T8

9T8 LED/36-5000 IF 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
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)	180 degree(s)
Luminous Flux	1,200 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	133.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	20000-120000 Hz
Input Frequency	20000-120000 Hz
Power Consumption	9 W
Lamp Current (Max)	180 mA
Lamp Current (Min)	60 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	900 mm
Bulb Shape	Tube, double-ended

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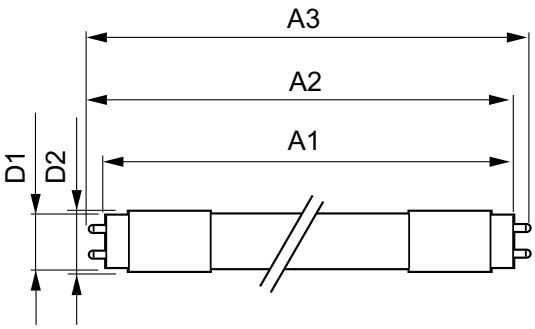
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh

Product Data	
Order product name	9T8 LED/36-5000 IF 10/1
Full product name	9T8 LED/36-5000 IF 10/1

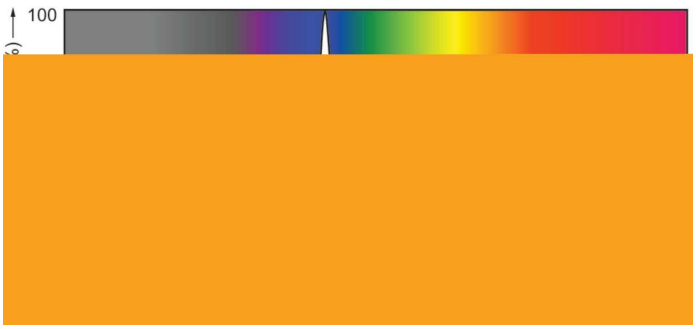
Order code	929001311604
Material Nr. (12NC)	929001311604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677472344
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677469356

Dimensional drawing

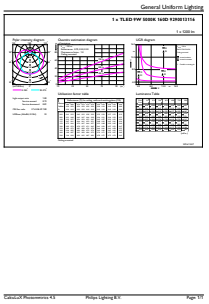


Product	D1	D2	A1	A2	A3
9T8 LED/36-5000 IF 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm

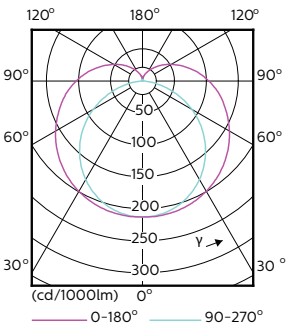
Photometric data



Spectral Power Distribution Colour - 9T8 LED/36-5000 IF 10/1



General uniform lighting - 9T8 LED/36-5000 IF 10/1



Light Distribution Diagram - 9T8 LED/36-5000 IF 10/1

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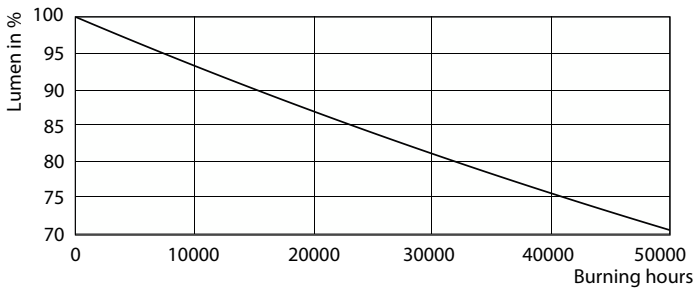
Lifetime



Life Expectancy Diagram - 9T8 LED/36-5000 IF 10/1

Lumen Maintenance Diagram - 9T8 LED/36-5000 IF 10/1

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