



CorePro LEDtube InstantFit T8

14T8 PRO LED/48-5000 IF G 10/1

The CorePro LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using an existing ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

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]
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	20000-120000 Hz
Input Frequency	20000-120000 Hz
Power Consumption	14 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	80 mA

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

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	1,200 mm

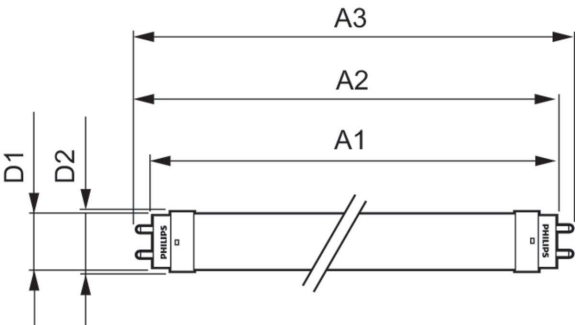
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance

CorePro LEDtube InstantFit T8

Product Data	
Order product name	14T8 PRO LED/48-5000 IF G 10/1
Full product name	14T8 PRO LED/48-5000 IF G 10/1
Order code	929001343304
Material Nr. (12NC)	929001343304
Numerator - Quantity Per Pack	1

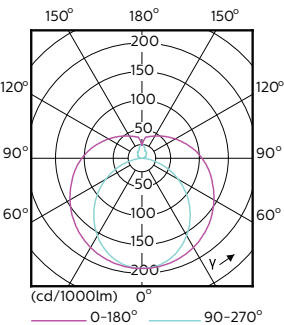
EAN/UPC - Product/Case	046677452483
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677470123

Dimensional drawing

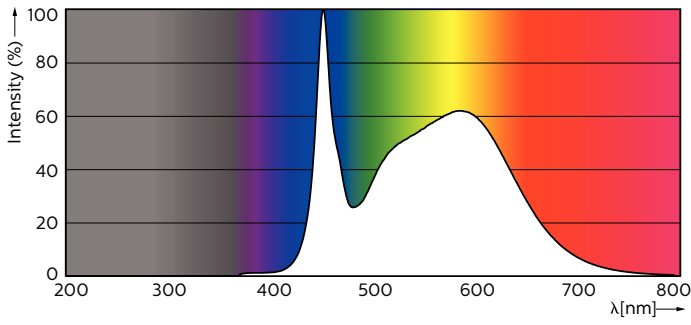


Product	D1	D2	A1	A2	A3
14T8 PRO LED/48-5000 IF G 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

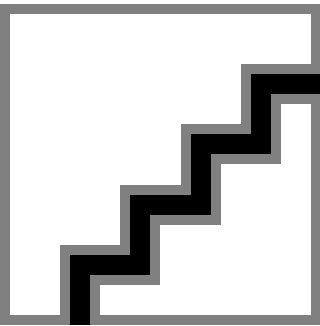
Photometric data



Light Distribution Diagram - 14T8 PRO LED/48-5000 IF G 10/1



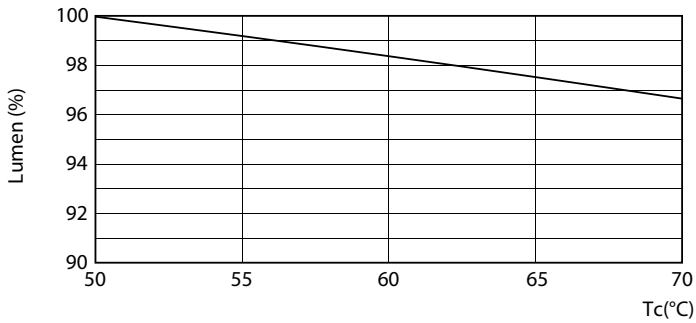
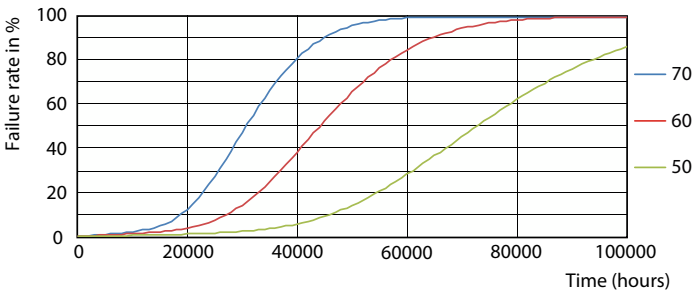
Spectral Power Distribution Colour - 14T8 PRO LED/48-5000 IF G 10/1



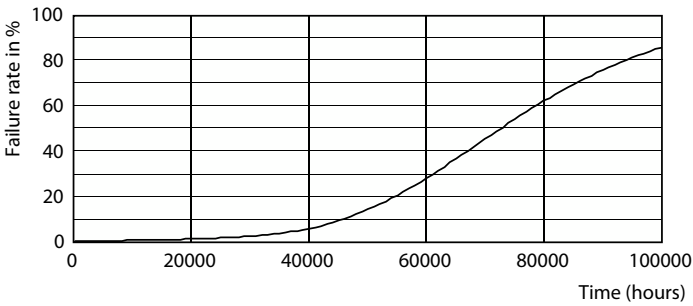
General uniform lighting - 14T8 PRO LED/48-5000 IF G 10/1

CorePro LEDtube InstantFit T8

Lifetime



Life Expectancy Diagram - 14T8 PRO LED/48-5000 IF G 10/1



Lumen Maintenance Diagram - 14T8 PRO LED/48-5000 IF G 10/1

Life Expectancy Diagram - 14T8 PRO LED/48-5000 IF G 10/1

Life Expectancy Diagram - 14T8 PRO LED/48-5000 IF G 10/1

Lumen Maintenance Diagram - 14T8 PRO LED/48-5000 IF G 10/1

CorePro LEDtube InstantFit T8

