Corepro InstantFit (UL Type-A) T8

14T8/COR/48-840/IF21/G/DIM 10/1

The CorePro InstantFit LED 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 CorePro 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 CorePro InstantFit lamps with no visible flicker and optimized optics. Energy managers will enjoy these lamps too as they can count the savings delivered by our lamps. To enjoy more energy savings, the CorePro InstantFit lamps can be paired with the Advance TLED drivers to create a Type C system.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	25000-105000 Hz
Input Frequency	25000-105000 Hz
Power Consumption	14 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	100 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9

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Voltage (Nom)	120-277, 347 V
UL Type	UL Type A

Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

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

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8

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

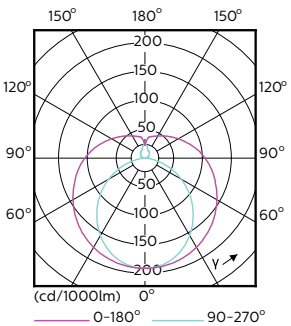
Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	14T8/COR/48-840/IF21/G/DIM 10/1
Full product name	14T8/COR/48-840/IF21/G/DIM 10/1
Order code	470112
Material Nr. (12NC)	929001343234
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677453251
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677470116

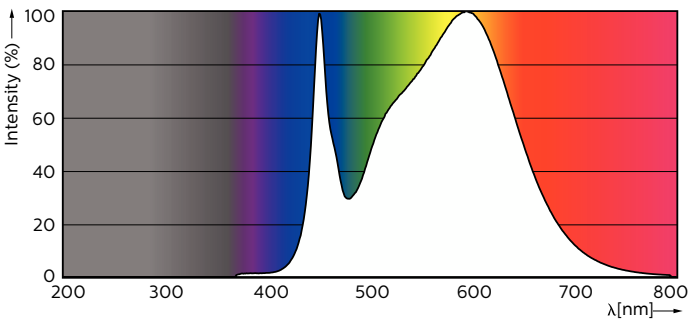
Dimensional drawing

Product	D1	D2	A1	A2	A3
14T8/COR/48-840/IF21/G/DIM 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



Light Distribution Diagram - 14T8/COR/48-840/IF21/G/DIM 10/1



Spectral Power Distribution Colour - 14T8/COR/48-840/IF21/G/DIM 10/1

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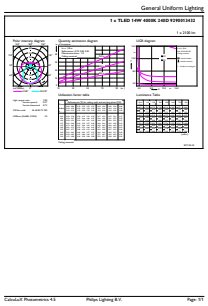
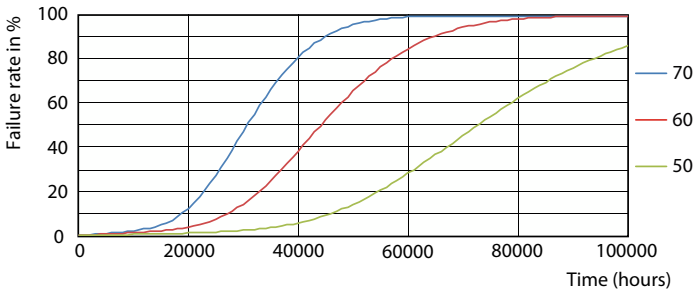
Photometric data

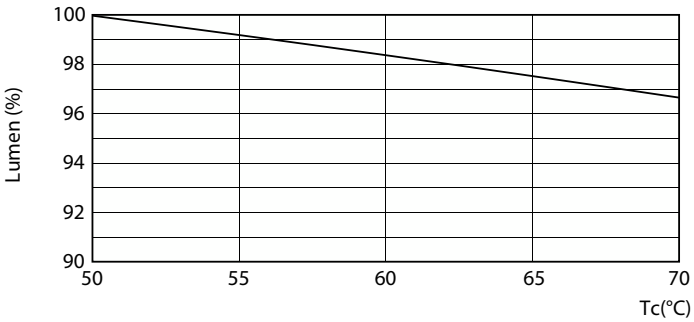


General uniform lighting - 14T8/COR/48-840/IF21/G/DIM 10/1

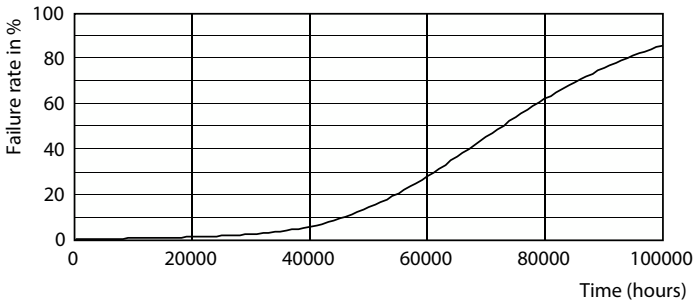
Lifetime



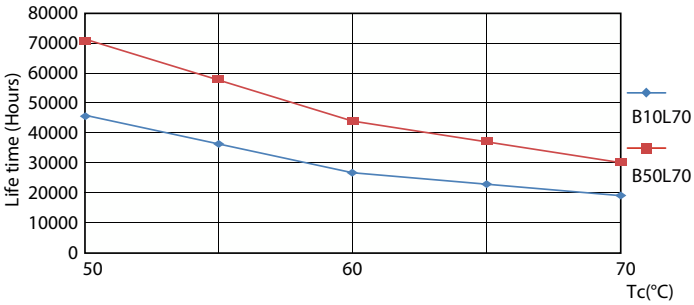
Life Expectancy Diagram - 14T8/COR/48-840/IF21/G/DIM 10/1



Lumen Maintenance Diagram - 14T8/COR/48-840/IF21/G/DIM 10/1



Life Expectancy Diagram - 14T8/COR/48-840/IF21/G/DIM 10/1



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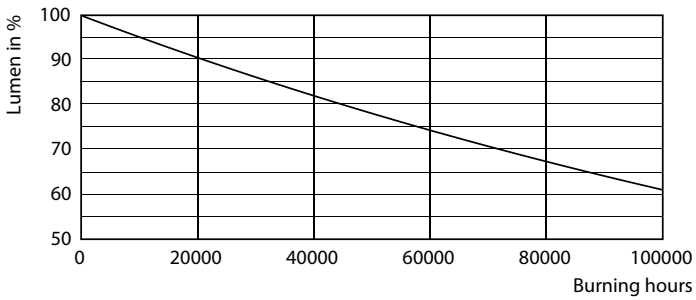
Lifetime



Lumen Maintenance Diagram - 14T8/COR/48-840/IF21/G/DIM 10/1

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