Contractor Type A InstantFit T8

16T8/LED/48-840/IF18/G 25/1

The 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 InstantFit (UL Type A) has been proven to work with over 350 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.
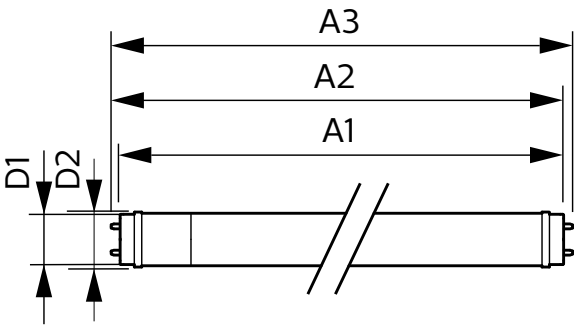
Product data

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	36,000 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	1,800 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<6

Color rendering index (CRI)

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	20K to 120K Hz
Input Frequency	20K to 120K Hz
Power Consumption	16 W
Wattage Equivalent	32 W
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 ℃ to 45 ℃

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T-Case Maximum (Nom)	35 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	Tube, double-ended

Approval and Application

Energy Saving Product	Yes

Approval Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	– kWh

Product Data

Order product name	16T8/LED/48-840/IF18/G 25/1
Order code	929001960604
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	25
Material Nr. (12NC)	929001960604
Full product name	16T8/LED/48-840/IF18/G 25/1
EAN/UPC – Case	50046677542080

Dimensional drawing

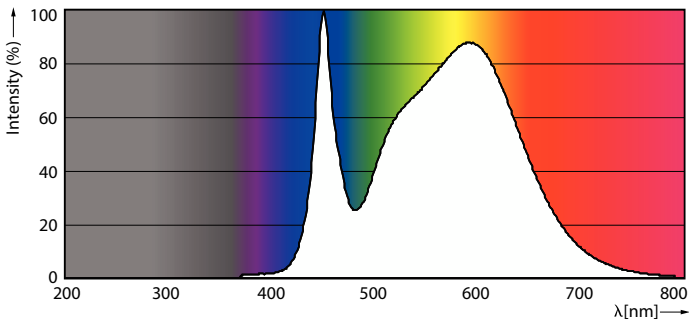| Product	D1	D2	A1	A2	A3
16T8/LED/48-840/IF18/G 25/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data

Accent Lighting Spots – 16T8/LED/48-840/IF18/G 25/1

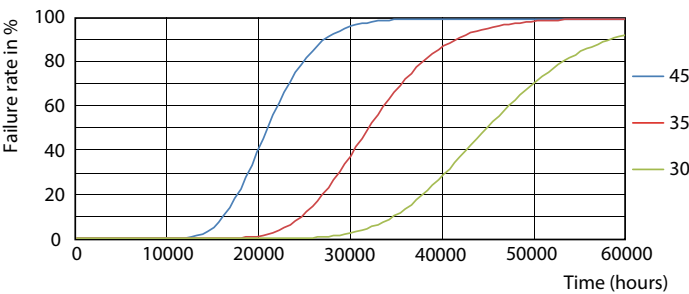**Light Distribution Diagram – 16T8/LED/48-840/IF18/G 25/1**

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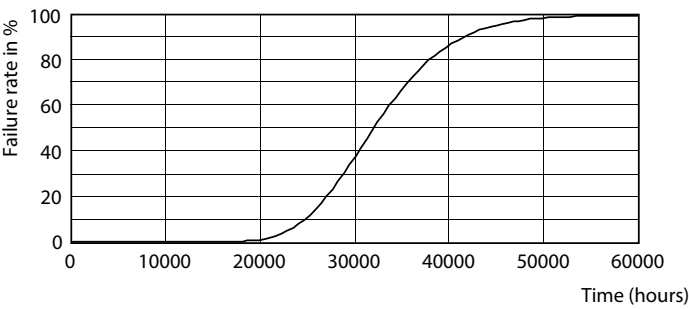
Photometric data

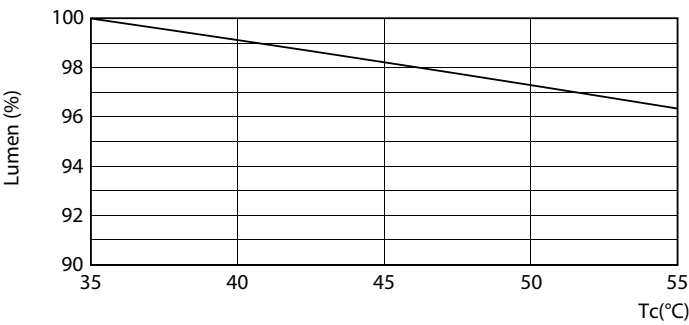Spectral Power Distribution Colour – 16T8/LED/48-840/IF18/G 25/1
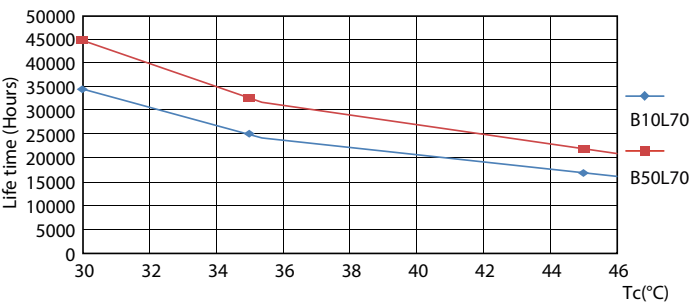
Lifetime

Life Expectancy Diagram – 16T8/LED/48-840/IF18/G 25/1

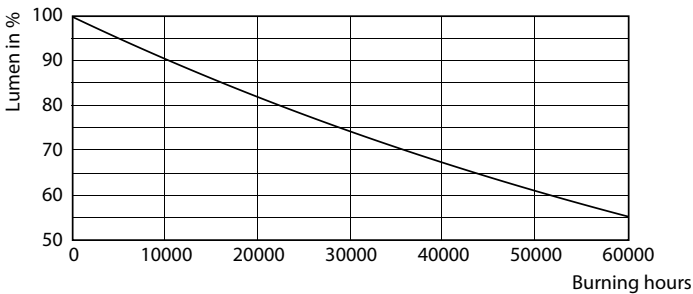Life Expectancy Diagram – 16T8/LED/48-840/IF18/G 25/1

Lumen Maintenance Diagram – 16T8/LED/48-840/IF18/G 25/1

Life Expectancy Diagram – 16T8/LED/48-840/IF18/G 25/1

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Lifetime

Lumen Maintenance Diagram – 16T8/LED/48–840/IF18/G 25/1