



# T8

## 34T8/COR/96-840/MF42/G/FA8 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

<b>General Information</b>		<b>Input Frequency</b>	
Cap-Base	FA8 [FA8]	Power Consumption	34 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	290 mA
Switching Cycle	50,000	Lamp Current (Min)	133 mA
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
<b>Light Technical</b>		Power Factor (Fraction)	0.9
Color Code	840 [CCT of 4000K]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	240 degree(s)	UL Type	Type B - bypass the ballast
Luminous Flux	4,200 lm	<b>Temperature</b>	
Color Designation	Cool White (CW)	Ambient temperature range	-20 °C to 45 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	45 °C
Luminous Efficacy (rated) (Nom)	123.00 lm/W	<b>Controls and Dimming</b>	
Color Consistency	<6	Dimmable	No
Color rendering index (CRI)	82	<b>Mechanical and Housing</b>	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
<b>Operating and Electrical</b>		Bulb Material	Glass
Line Frequency	50 to 60 Hz		

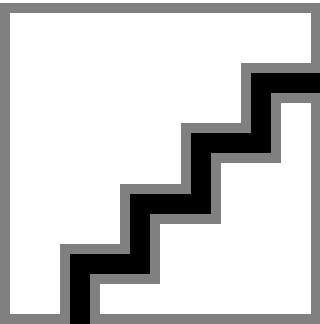
Product Length	2,400 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	34T8/COR/96-840/MF42/G/FA8 10/1

Dimensional drawing

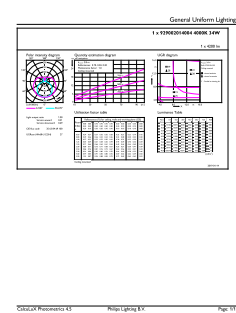
Full product name	34T8/COR/96-840/MF42/G/FA8 10/1
Order code	929002014004
Material Nr. (12NC)	929002014004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677545260
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677545265

Product	D1	D2	A1	A2	A3
34T8/COR/96-840/ MF42/G/FA8 10/1	28 mm	27.9 mm	2,369.8 mm	2,378.7 mm	2,387.8 mm

Photometric data

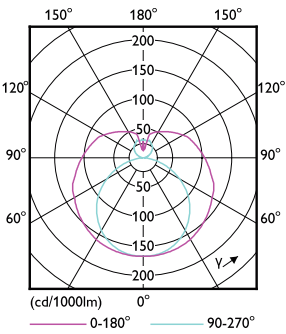


Spectral Power Distribution Colour - 34T8/COR/96-840/MF42/G/FA8 10/1



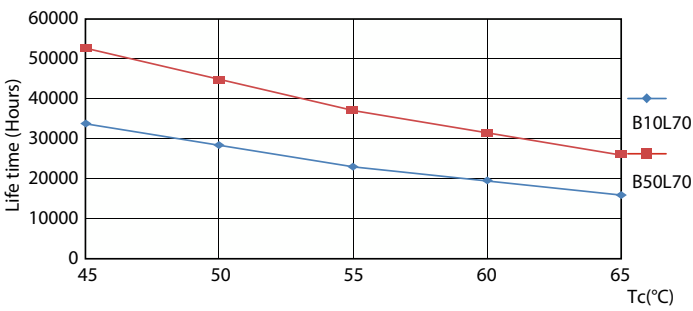
General uniform lighting - 34T8/COR/96-840/MF42/G/FA8 10/1

Photometric data

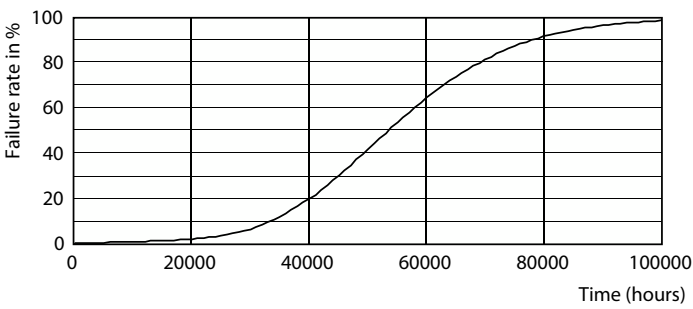


Light Distribution Diagram - 34T8/COR/96-840/MF42/G/FA8 10/1

Lifetime

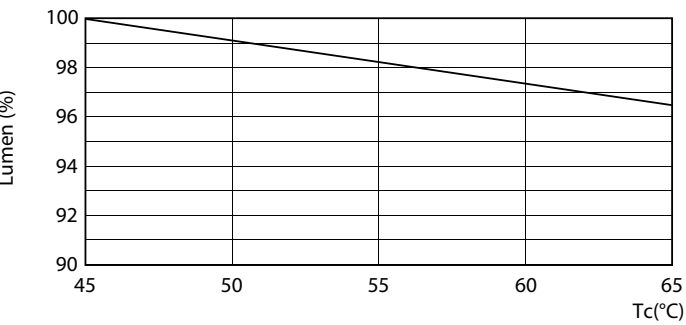


Life Expectancy Diagram - 34T8/COR/96-840/MF42/G/FA8 10/1



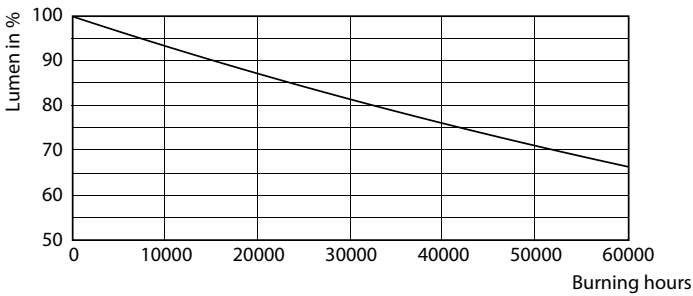
Life Expectancy Diagram - 34T8/COR/96-840/MF42/G/FA8 10/1

Life Expectancy Diagram - 34T8/COR/96-840/MF42/G/FA8 10/1



Lumen Maintenance Diagram - 34T8/COR/96-840/MF42/G/FA8 10/1

Lifetime



Lumen Maintenance Diagram - 34T8/COR/96-840/MF42/G/FA8 10/1

