



T8

14T8/COR/48-850/IF22/G/DIM/BAA 25/1

Philips is proud to offer BAA (Buy American Act) compliant InstantFit (UL Type A/ Ballast compatible) T8 LED lamps. This product is proudly manufactured in the USA and is BAA (Buy American Act) compliant. This product can replace either T8 or T12 lamps in fixtures containing shunted or non-shunted G13 (medium bi-pin) lamp holders. The 4ft lamps are available in two lumen packages and three CCT options.

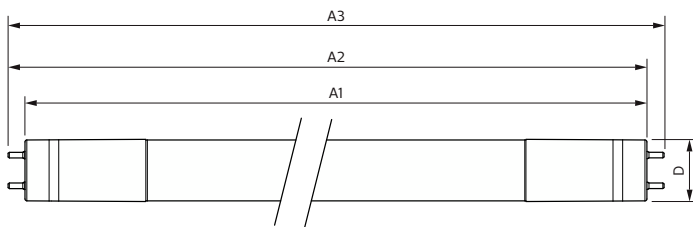
Product data

General information		Wattage Equivalent	
Base	G13 [Medium Bi-Pin Fluorescent]	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	50000 h	UL Type	TLED_Type A; UL listed HF
Switching Cycle	50000	Power Factor (Nom)	0.9
Light technical		Voltage (Nom)	120-277, 347 V
Color Code	850 [CCT of 5000K]	Temperature	
Beam Angle (Nom)	240 °	T-Ambient (Max)	113 °F
Initial lumen (Nom)	2200 lm	T-Ambient (Min)	-4 °F
Color Designation	Daylight	T-Storage (Max)	149 °F
Correlated Color Temperature (Nom)	5000 K	T-Storage (Min)	-40 °F
Luminous Efficacy (rated) (Nom)	157.00 lm/W	T-Case Maximum (Nom)	122 °F
Color Consistency	<5	Controls and dimming	
Color Rendering Index (Nom)	80	Dimmable	Only with specific dimmers
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and housing	
Operating and electrical		Bulb Finish	Frosted
Input Frequency	20K to 120K Hz	Bulb Material	Glass
Power (Rated) (Nom)	14 W	Product Length	48 in
Lamp Current (Max)	400 mA		
Lamp Current (Min)	100 mA		

Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Product data	
Order product name	14T8/COR/48-850/IF22/G/DIM/BAA 25/1

EAN/UPC - Product	046677576820
Order code	576827
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003145004
Net Weight (Piece)	0.454 lb
Model Number	9290031450

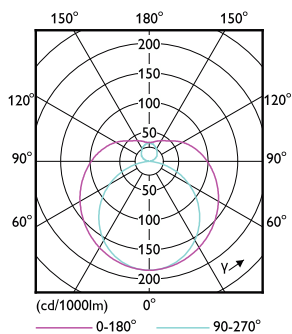
Dimensional drawing



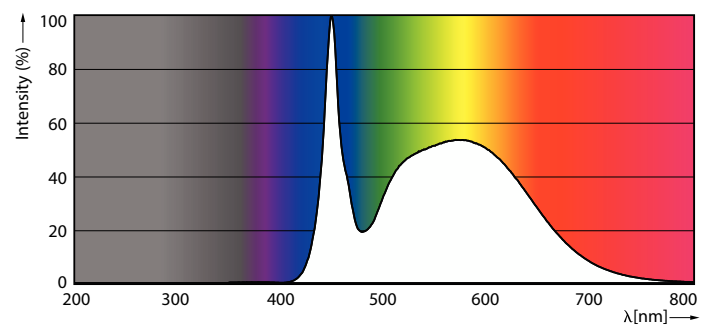
Product	D1	D2	A1	A2	A3
14T8/COR/48-850/IF22/G/DIM/BAA 25/1	1-1/16 in	1-1/16 in	47-3/16 in	47-1/2 in	47-3/4 in

14T8/COR/48-850/IF22/G/DIM/BAA 25/1

Photometric data

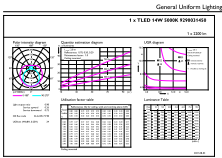


LEDtube COR NAM 14W G13 2100lm-LDD



LEDtube COR NAM 10,5W G13 1650lm 850-POC

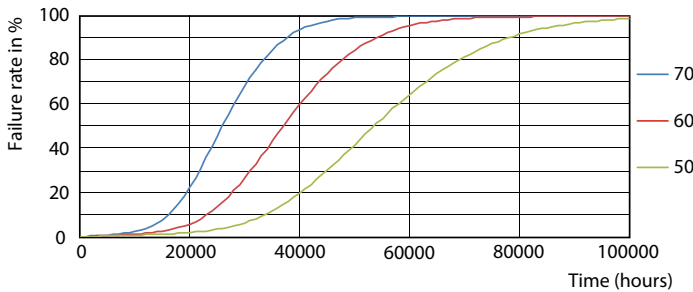
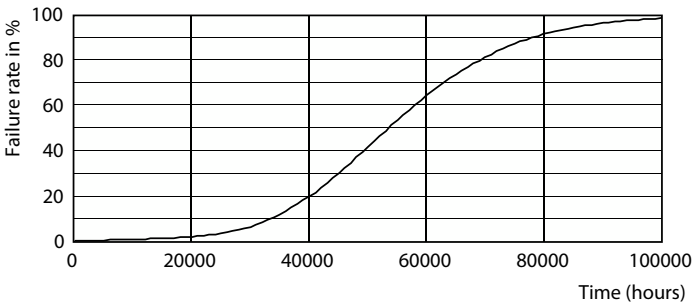
Photometric data



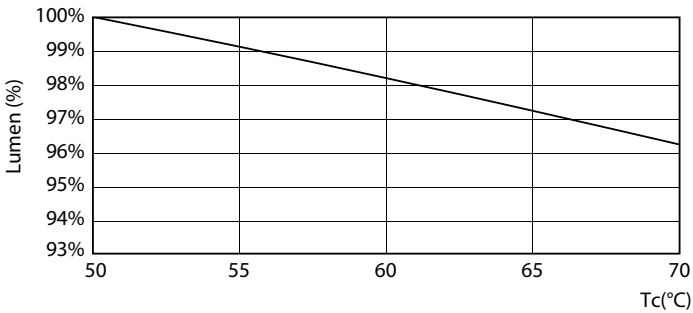
General Uniform Lighting
1 x T8 LED TUBE (2000lm)

LEDtube COR NAM 14W G13 2200lm 850-GUL

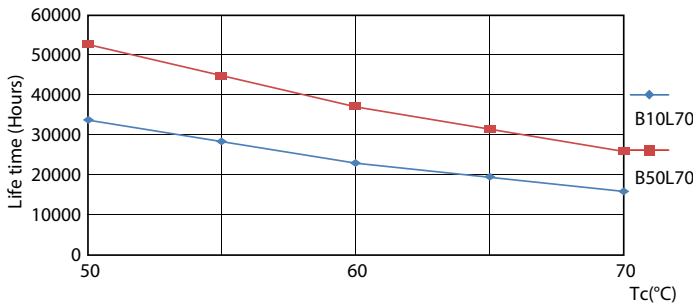
Lifetime



Life Expectancy Diagram



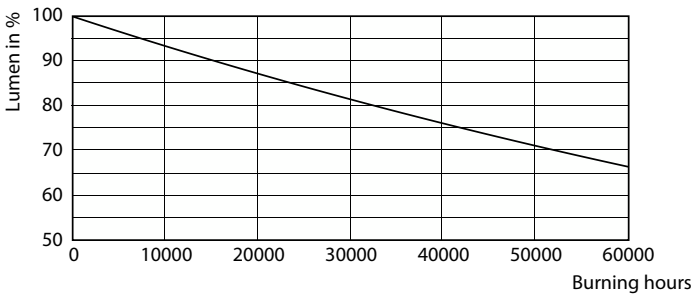
FailureRate



LEDtube COR NAM 14W 50K LumenVsTc-LMP

LifetimeVsTc

Lifetime



Lumen Maintenance Diagram

