



T8

10.5T8/COR/48-840/IF16/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.

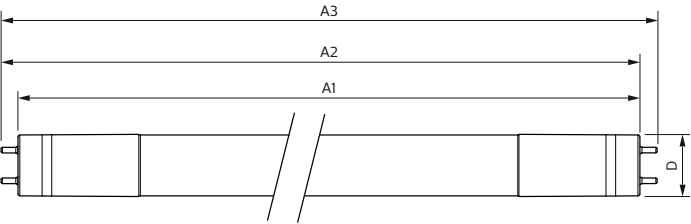
Product data

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	841 [CCT of 4100K (841)]	Temperature	
Beam Angle (Nom)	240 °	T-Ambient (Max)	113 °F
Initial lumen (Nom)	1650 lm	T-Ambient (Min)	-4 °F
Color Designation	Cool White (CW)	T-Storage (Max)	149 °F
Correlated Color Temperature (Nom)	4000 K	T-Storage (Min)	-40 °F
Luminous Efficacy (rated) (Nom)	157.00 lm/W	T-Case Maximum (Nom)	122 °F
Color Consistency	<6	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)	10.5 W	Product Length	48 in
Lamp Current (Max)	350 mA		
Lamp Current (Min)	90 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	10.5T8/COR/48-840/IF16/G/DIM/BAA 25/1

EAN/UPC - Product	046677576783
Order code	576785
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003144604
Net Weight (Piece)	0.454 lb
Model Number	9290031446

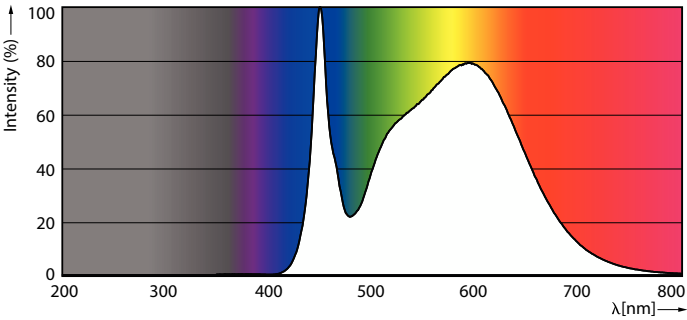
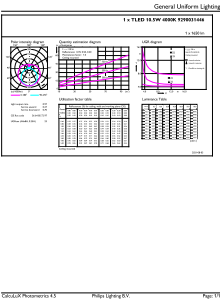
Dimensional drawing



Product	D1	D2	A1	A2	A3
10.5T8/COR/48-840/ IF16/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

10.5T8/COR/48-840/IF16/G/DIM/BAA 25/1

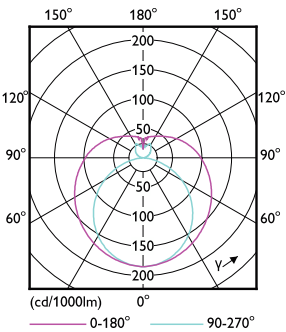
Photometric data



LEDtube COR NAM 10,5W G13 1650lm 840-GUL

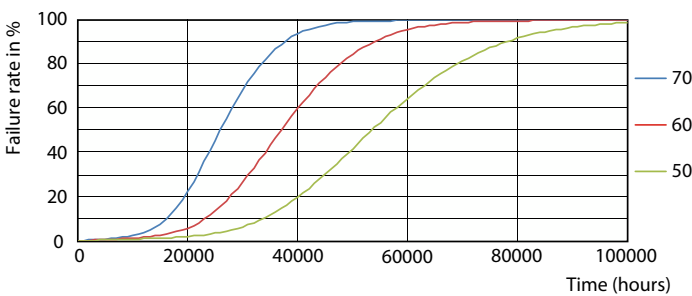
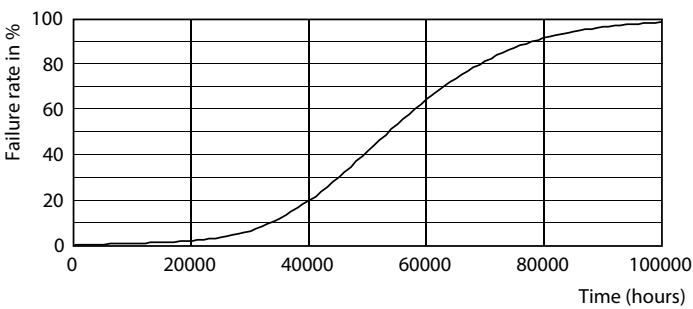
LEDtube COR NAM 10,5W G13 1650lm 840-POC

Photometric data



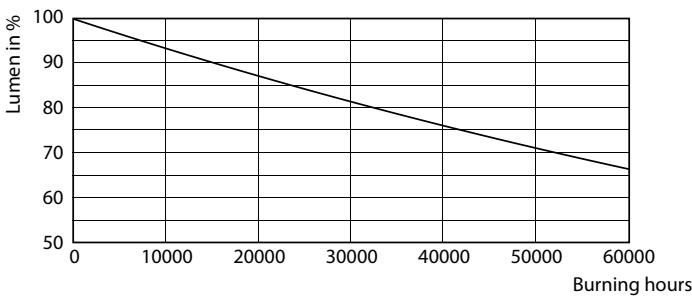
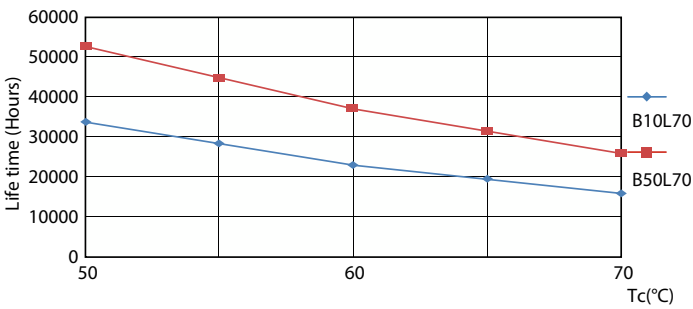
LEDtube COR NAM 10,5W G13 1550lm-LDD

Lifetime



Life Expectancy Diagram

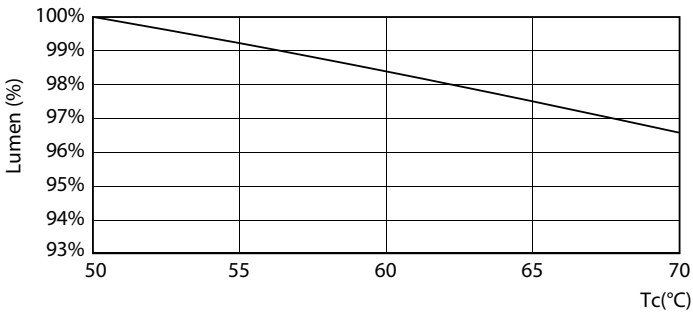
FailureRate



LifetimeVsTc

Lumen Maintenance Diagram

Lifetime



LEDtube COR NAM 10,5W 50K LumenVsTc-LMP

