



# T8

## 13T8-6U/MAS/24-840/IF21/P/DIM 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

General information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000
Tier	MasterClass
Light technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	2100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	20K to 120K Hz

Power (Nom)	13 W
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Range)	-40 °C to 65 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and dimming	
Dimmable	Yes

# T8

## Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	600 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
Energy Certifications	DLC Standard

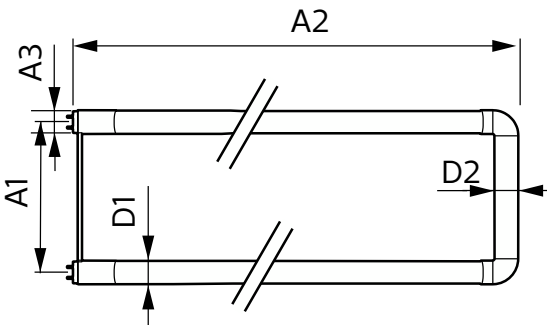
## Application conditions

Ambient temperature range	-20 °C to 45 °C
---------------------------	-----------------

## Product data

Order product name	13T8-6U/MAS/24-840/IF21/P/DIM 10/1
EAN/UPC - Product	046677541873
Order code	929001987604
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001987604
Net Weight (Piece)	0.270 kg

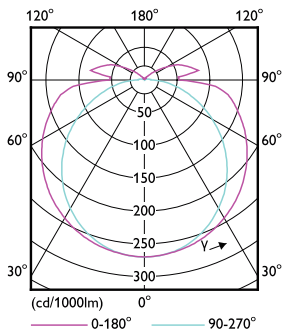
## Dimensional drawing



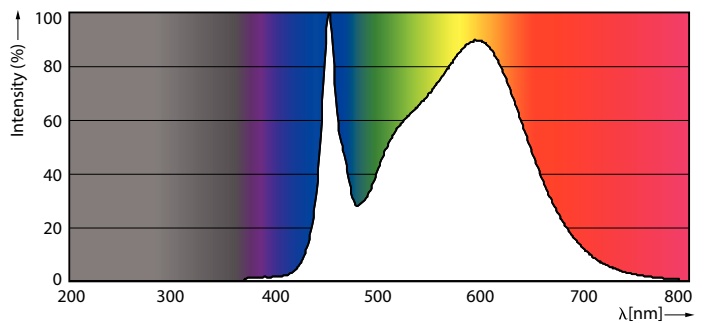
13T8-6U/MAS/24-840/IF21/P/DIM 10/1

Product	D1	D2	A1	A2	A3
13T8-6U/MAS/24-840/ IF21/P/DIM 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm

## Photometric data

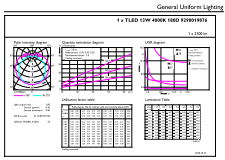


G13 3000K 2000lm



G13 4000K 2100lm

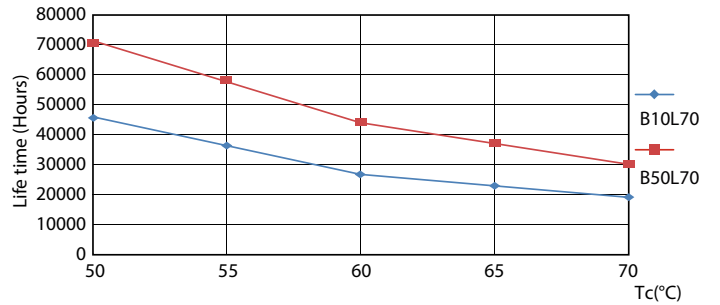
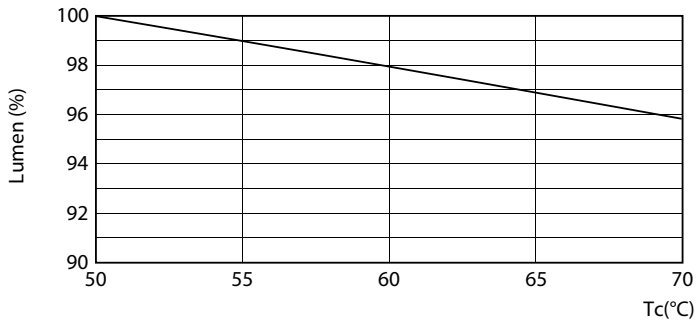
Photometric data



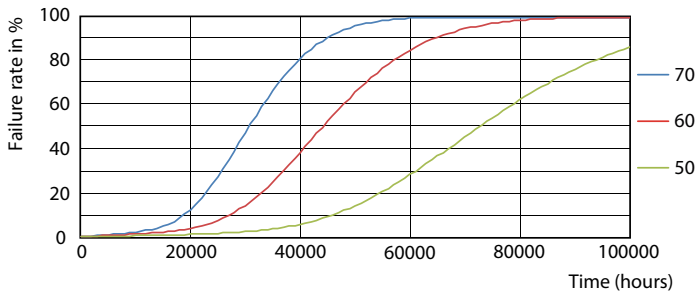
© Philips Lighting B.V. Page 11

G13 4000K 2100lm

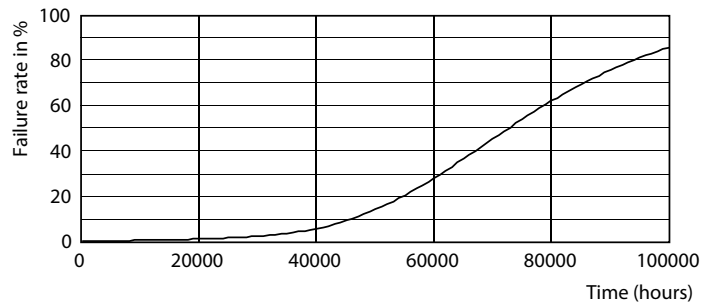
Lifetime



G13 3000K 2000lm



G13 4000K

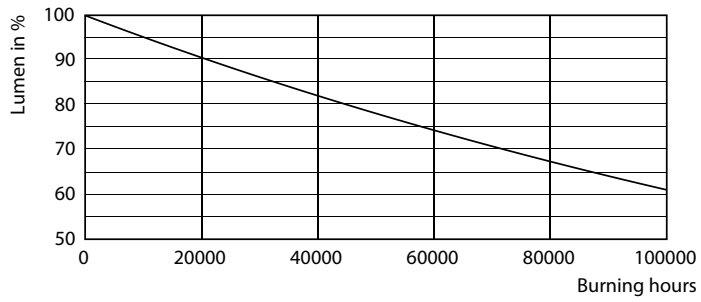


G13 4000K

G13 4000K

# T8

## Lifetime



G13 4000K

