

# PRODUCT DATASHEET

## LED TUBE FB-18W/T8G/830L

Professional Products LED Tube | Two-side power input



### AREAS OF APPLICATION

- Industry
- Warehouses
- Supermarkets and department stores
- Corridors, stairways, parking garages
- General illumination
- Domestic applications

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### PRODUCT BENEFITS

- Low energy consumption
- Easy replacement
- Instant 100 % light, no warm-up time
- No bending thanks to glass technology
- Built-in constant current driver better stability of usage

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### PRODUCT FEATURES

- LED alternative to conventional lamps
- Mercury-free lamps
- Tube made of glass
- Uniform illumination



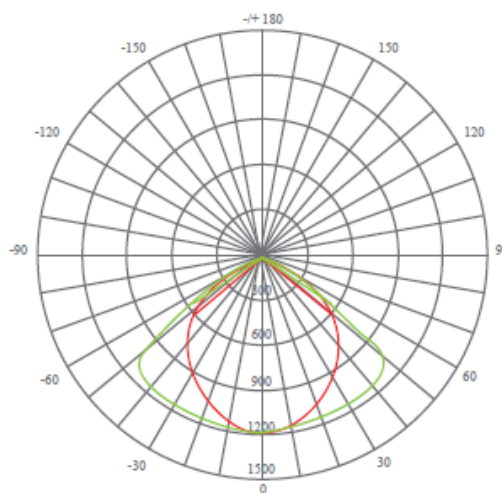
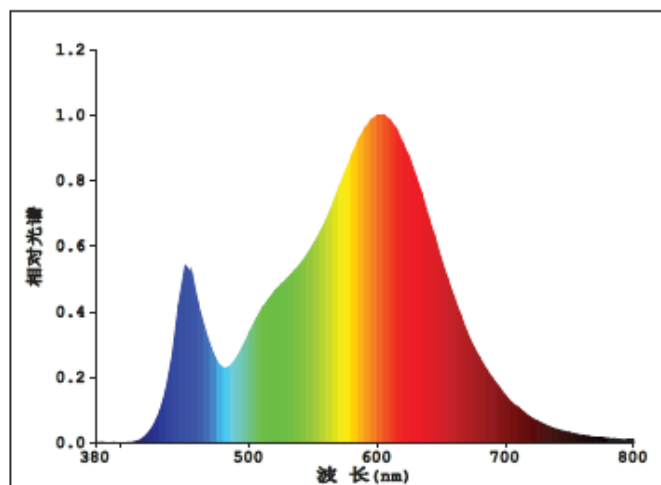
## TECHNICAL DATA

### Electrical data

Rated wattage	18.00 W
Nominal wattage	18.00 W
Nominal voltage	185-240VAC
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.50
Claimed equiv. conventional lamp power	36 W

### Photometrical data

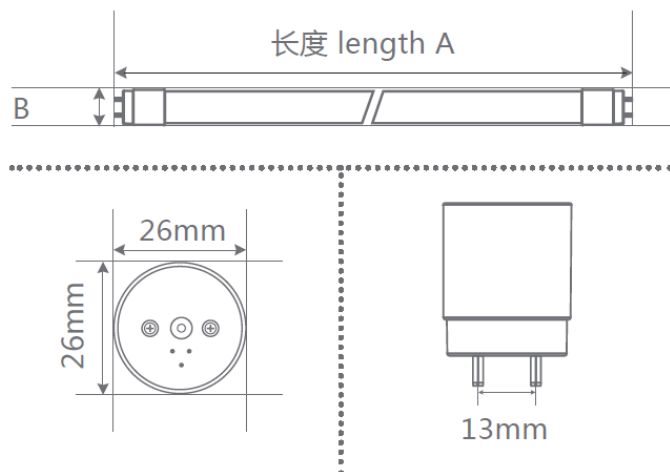
Rated luminous flux	1800 lm
Light color (designation)	Warm White
Color temperature	3000 K
Luminous flux	1800 lm
Lumen main.fact.at end of nom. life time	0.70
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc m
Nominal luminous flux	1800 lm
Luminous efficacy	100 lm/W
Rated color temperature	3000 K
Color rendering index Ra	$\geq 80$



### Light technical data

Starting time	< 0.5 s
Warm-up time (60 %)	< 0.50 s
Rated beam angle (half peak value)	310,00 °

## Dimensions &amp; weight



Overall length	1212.0 mm
Diameter	26.0 mm
Product weight	202.00 g

## Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	15000

## Capabilities

Dimmable	No
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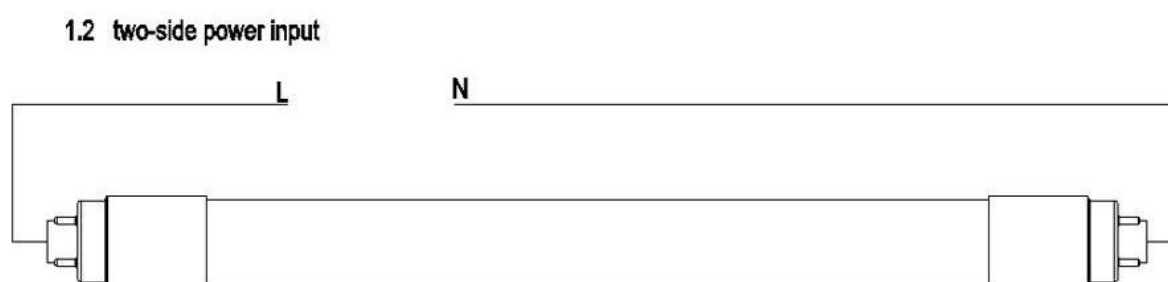
## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	65 °C

## Additional product data

Base (standard designation)	G13
Mercury-free	Yes
Design / version	frosted
Product remark	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
Mercury content	0.0 mg

## Connection scheme



## Order code/Name

Order code/Name	FB2961 LED TUBE FB-18W/T8G/830L
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
FB2961	Foam package 1	28 mm x 1212 mm	202.00 g	0.95 dm <sup>3</sup>
FB2961	Shipping carton box 30	1245 mm x 205 mm x 175 mm	7000.00 g	0.040 m <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping

## REFERENCES / LINKS

For further products and actual information concerning LED lamps see [www.fucida.eu](http://www.fucida.eu)

For Guarantee see [www.fucida.eu](http://www.fucida.eu)

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