PRODUCT DATASHEET

LED LINEAR LIGHT FH-18W/590B/865L IP20

Professional Products Office Fixtures | LED LINEAR LIGHT

AREAS OF APPLICATION

− Offices, conference rooms, reception areas
− Efficient replacement for traditional T8 and T5 luminaires
− General illumination

PRODUCT BENEFITS

− Low energy consumption and energy saving
− Easy and quick installation
− Instant 100 % light, no warm-up time
− No dark and yellow spots on the diffuser
− Aluminum frame with better heating diffusion
− Low maintenance and low operational costs

PRODUCT FEATURES

− Surface mounted luminaires with direct light emission
− Type of protection: IP20
− Mercury-free lamps
− Lifetime: up to 25,000 h (at 25 °C)

03.01.2021
LED LINEAR LIGHT FH-18W/590B/865L IP20

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 λ	> 0.50
Insulation Class	Class I
Insulation testing	by 1500V 10S

Photometrical data

Rated luminous flux	1620 lm
Light color (designation)	Cool White
Color temperature	6500 K
Luminous flux	1620 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤4.8 sdcm
Nominal luminous flux	1620 lm
Rated color temperature	6500 K
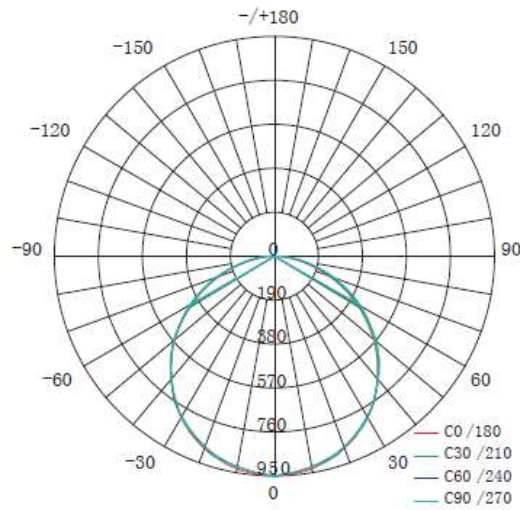
Light technical data

Starting time	< 0.5 s
Beam angle	120 °

Dimensions & weight
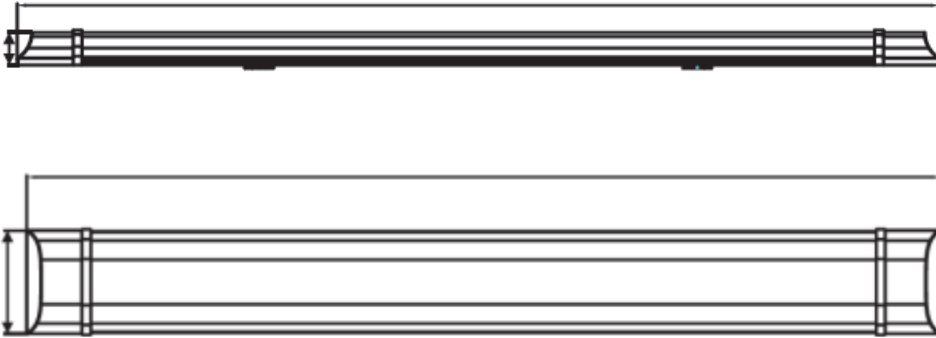
Length	592.0 mm
Width	75.0 mm
Height	26.0 mm

Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	20000
Warranty	2 years

Capabilities

Dimmable	No
LED module replaceable	Not replaceable

Temperatures & operating conditions

Ambient temperature range	-25…+40 °C
Storage temperature	-25…+55 °C
Working temperature on lighting	60°C
Max temperature on lighting	85°C

Additional product data

Installation method	Surface
Low flicker	Yes
Mercury-free	Yes
Design / version	frosted
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate
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
Standards	CE/CCC

Order code/Name

Order code/Name	FH1726 LED LINEAR LIGHT FH-18W/590B/865L IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
FH1726	Carton box 1	600 mm x 76 mm x 28 mm	255.00 g	1.27 dm³
FH1726	Shipping carton box 20	610 mm x 290 mm x 170 mm	5190.00 g	0.03 m³

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 luminaires see www.fucida.eu

For Guarantee see www.fucida.eu

DISCLAIMER

Subject to change without notice. Errors and omission excepted.