

PRODUCT DATASHEET

LED LINEAR LIGHT FH-18W/590B/840L 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)



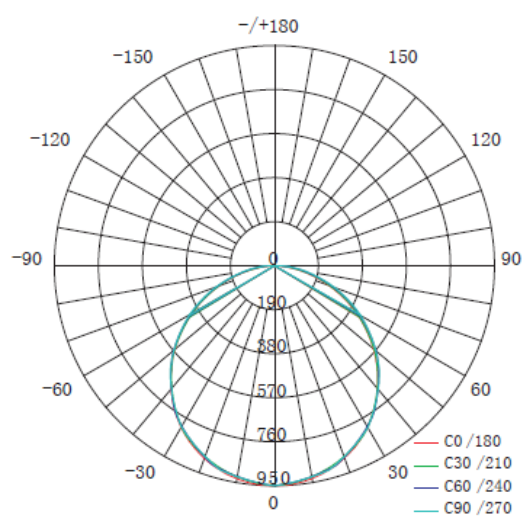
TECHNICAL DATA

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

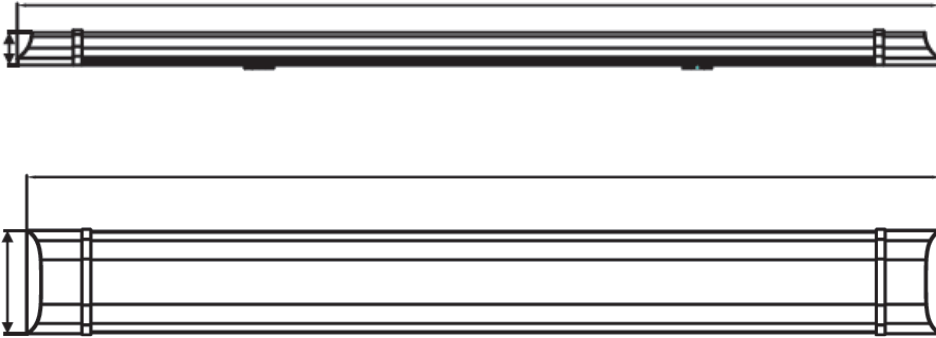
| | |
|--------------------------------------|-----------------------------|
| Rated luminous flux | 1620 lm |
| Light color (designation) | Natural White |
| Color temperature | 4000 K |
| Luminous flux | 1620 lm |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 4.8 sdc _m |
| Nominal luminous flux | 1620 lm |
| Rated color temperature | 4000 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 | FH1733 LED LINEAR LIGHT FH-18W/590B/840L IP20 |
|------------------------|---|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------------|-------------------------------------|---|---------------------|----------------------|
| FH1733 | Carton box 1 | 600 mm x 76 mm x 28 mm | 255.00 g | 1.27 dm ³ |
| FH1733 | Shipping carton box 20 | 610 mm x 290 mm x 170 mm | 5190.00 g | 0.03 m ³ |

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.

