

## PRODUCT DATASHEET

### LED LINEAR LIGHT FH-36W/1190B/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



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#### 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

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#### 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)



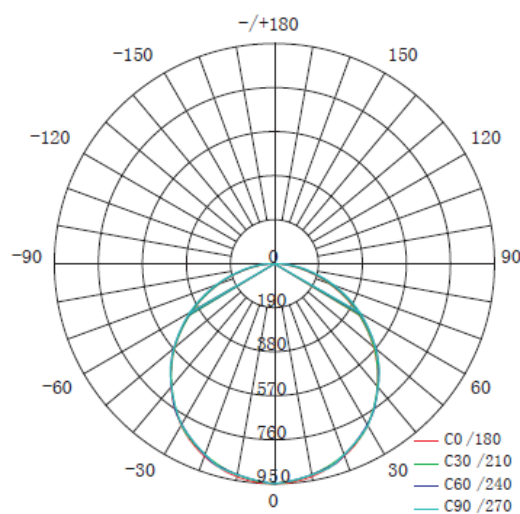
**TECHNICAL DATA**

**Electrical data**

<b>Rated wattage</b>	36.00 W
<b>Nominal wattage</b>	36.00 W
<b>Nominal voltage</b>	185-240VAC
<b>Operating frequency</b>	50...60 Hz
<b>Power factor <math>\lambda</math></b>	> 0.50
<b>Insulation Class</b>	Class I
<b>Insulation testing</b>	by 1500V 10S

**Photometrical data**

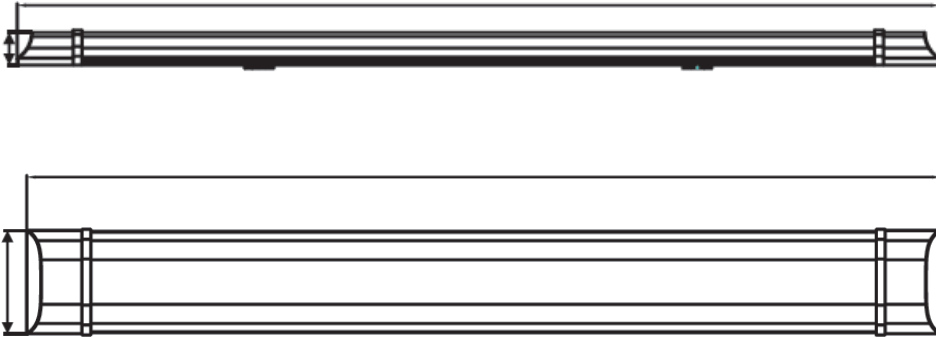
<b>Rated luminous flux</b>	3240 lm
<b>Light color (designation)</b>	Natural White
<b>Color temperature</b>	4000 K
<b>Luminous flux</b>	3240 lm
<b>Color rendering index Ra</b>	$\geq 80$
<b>Standard deviation of color matching</b>	$\leq 4.8$ sdc <sub>m</sub>
<b>Nominal luminous flux</b>	3240 lm
<b>Rated color temperature</b>	4000 K



**Light technical data**

<b>Starting time</b>	< 0.5 s
<b>Beam angle</b>	120 °

Dimensions & weight



<b>Length</b>	1192.0 mm
<b>Width</b>	75.0 mm
<b>Height</b>	26.0 mm

Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	20000
<b>Warranty</b>	2 years

Capabilities

<b>Dimmable</b>	No
<b>LED module replaceable</b>	Not replaceable

Temperatures & operating conditions

<b>Ambient temperature range</b>	-25...+40 °C
<b>Storage temperature</b>	-25...+55 °C
<b>Working temperature on lighting</b>	60°C
<b>Max temperature on lighting</b>	85°C

**Additional product data**

<b>Installation method</b>	Surface
<b>Low flicker</b>	Yes
<b>Mercury-free</b>	Yes
<b>Design / version</b>	frosted
<b>Body material</b>	Aluminum
<b>Cover material</b>	Polycarbonate (PC)
<b>Light emitting surface material</b>	Polycarbonate
<b>Product remark</b>	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
<b>Mercury content</b>	0.0 mg
<b>Standards</b>	CE/CCC

**Order code/Name**

<b>Order code/Name</b>	FH1757 LED LINEAR LIGHT FH-36W/1190B/840L IP20
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**LOGISTICAL DATA**

<b>Product code</b>	<b>Packaging unit (Pieces/Unit)</b>	<b>Dimensions (length x width x height)</b>	<b>Gross weight</b>	<b>Volume</b>
FH1757	Carton box 1	1200 mm x 76 mm x 28 mm	455.00 g	2.55 dm <sup>3</sup>
FH1757	Shipping carton box 20	1210 mm x 290 mm x 170 mm	9290.00 g	0.06 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 luminaires see [www.fucida.eu](http://www.fucida.eu)

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

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