

## PRODUCT DATASHEET

### LED LINEAR WATERPROOF LIGHT FH-18W/590C/865L IP65

Professional Products Tri-proof Fixtures| LED LINEAR LIGHT



#### AREAS OF APPLICATION

- Garages
- Car parks and underpasses
- Storage facilities
- Workshops

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#### PRODUCT BENEFITS

- Easy and quick installation thanks to mounting brackets
- Instant 100 % light, no warm-up time
- No dark and yellow spots on the diffuser
- Very slim housing

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#### PRODUCT FEATURES

- Surface mounted luminaires with direct light emission
- Type of protection: IP65
- Slim design
- Beam angle: 120°



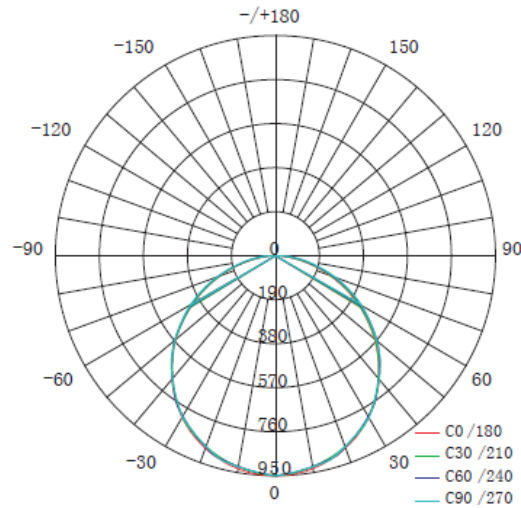
**TECHNICAL DATA**

**Electrical data**

<b>Rated wattage</b>	18.00 W
<b>Nominal wattage</b>	18.00 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 II
<b>Operating mode</b>	Integrated LED driver

**Photometrical data**

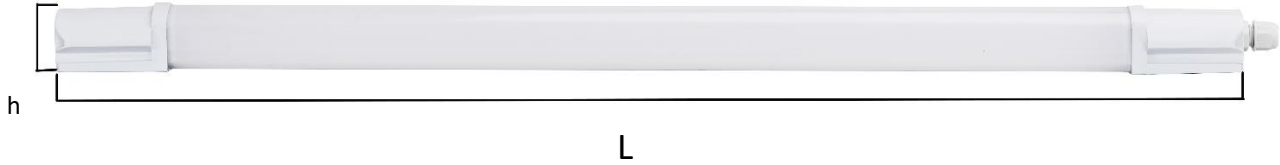
<b>Rated luminous flux</b>	1620 lm
<b>Light color (designation)</b>	Cool White
<b>Color temperature</b>	6500 K
<b>Luminous flux</b>	1620 lm
<b>Color rendering index Ra</b>	$\geq 80$
<b>Standard deviation of color matching</b>	$\leq 4.8$ sdc <sub>m</sub>
<b>Nominal luminous flux</b>	1620 lm
<b>Rated color temperature</b>	6500 K



**Light technical data**

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

Dimensions & weight



<b>Length</b>	590.0 mm
<b>Width</b>	40.0 mm
<b>Height</b>	30.0 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
<b>Protection class IK</b>	IK08
<b>Type of protection</b>	IP65

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

**Additional product data**

<b>Installation method</b>	Suspended/Surface
<b>Low flicker</b>	Yes
<b>Mercury-free</b>	Yes
<b>Design / version</b>	frosted
<b>Body material</b>	PC
<b>Cover material</b>	Polycarbonate (PC)
<b>Light emitting surface material</b>	Polycarbonate (PC)
<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>	FH1764 LED LINEAR WATERPROOF LIGHT FH-18W/590C/865L IP65
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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>
FH1764	Plastic bag 1	610 mm x 40 mm x 30 mm	174.00 g	0.732 dm <sup>3</sup>
FH1764	Shipping carton box 20	630 mm x 185 mm x 185 mm	3480.00 g	0.022 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)

**DISCLAIMER**

Subject to change without notice. Errors and omission excepted.

