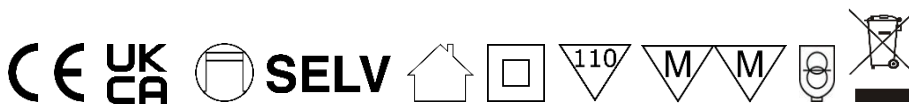


# Datasheet & Operating instructions

## Model: UF-20C500

LED power supply for 500 mA constant current  
20...40 Vdc, 10...20 W, IP20, independent installation, non-dimmable



## Exploded view



## Electrical data

Rated input voltage	200...240 Vac
Range of input voltage	180...264 Vac
Mains Frequency	50/60 Hz
Power factor ( $\lambda$ )	$\geq 0.86$
Input current	0.15 A max.
Inrush current	20 A max.
Output voltage	20...40 Vdc
Output current	500 mA
Output power (nominal)	10...20 W
Efficiency	$\geq 86.5\%$ Full load
Life time	> 50,000 h
Dimmable	No

## Operating condition

Operating temperature range ( $t_a$ )	-20...+45 °C
Max. Surface temperature ( $t_c$ )	85 °C
Permitted rel. humidity	5...85 %
Protection class	II
Type of protection	IP20

## Protection

Short circuit protection	Yes *
Overload protection	Yes *
Overvoltage protection	Yes *

(\*) The output shuts off and will be resumed, after problem is removed and led driver is restarted.

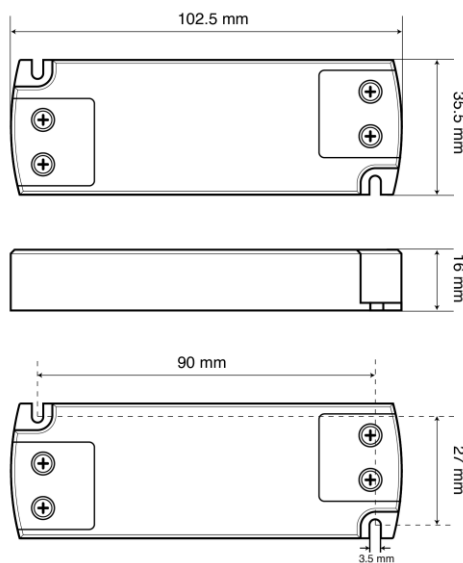
## Standards

<b>Standards</b>	EN 61347-1, EN 61347-2-13 EN 55015, EN 61547 EN 62384, EN 62493 EN 61000-3-2, EN 61000-3-3
<b>Marking</b>	CE, UKCA
<b>RoHS compliant</b>	Yes

## Installation

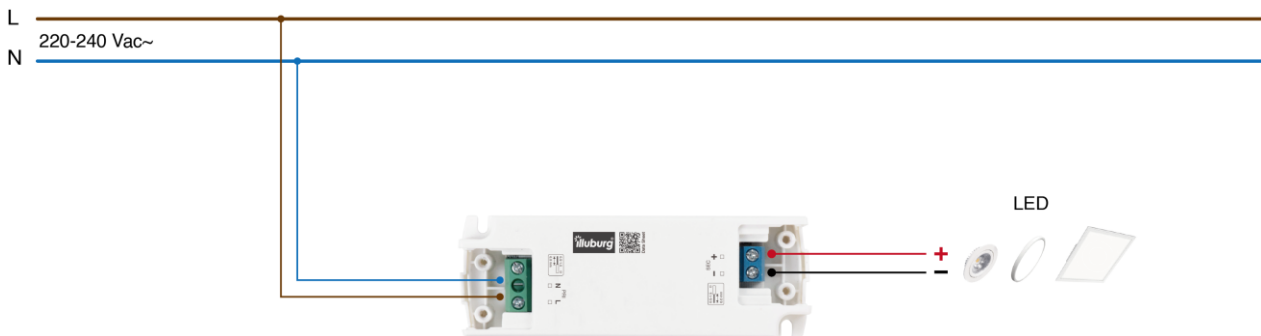
<b>Type of installation</b>	Independent installation	
<b>Type of connection</b>	Screw terminal	
<b>Cable cross-section, input side</b>	0.5...1.5 mm <sup>2</sup>	
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup>	
<b>Cable preparation length, input side</b>	7...8 mm	
<b>Cable preparation length, output side</b>	7...8 mm	
<b>Circuit breaker (230V)</b>	10A Type B: 33 pc. 13A Type B: 43 pc. 16A Type B: 53 pc. 20A Type B: 66 pc.	10A Type C: 26 pc. 13A Type C: 34 pc. 16A Type C: 42 pc. 20A Type C: 53 pc.

## Dimension



Unspecified tolerance: ±2

## Connection



## Important notice

Download the safety instructions at [www.illuburg.de/infocenter](http://www.illuburg.de/infocenter), read them carefully and observe the listed instructions and information for proper use.

## Disclaimer of liability

Subject to changes and errors excepted. Make sure you are using the latest version.

## Manufacturer Information

If you have any further questions, please contact our technical support.

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