

## ComfortLine LED Drivers – Dimmable with Selectable Current

**350–700 mA,  
max. 42 W and max. 84 W**

The linear LED constant-current drivers are designed for use in office and retail lighting.

### Electrical characteristics

Secondary side switching of LED modules is not allowed.

Power factor at full load: 0.95

Standby losses: < 0.4 W

### Dimming

Dimming function is realised by hybrid dimming.

Analogue dimming:  $\geq 275$  mA

PWM dimming: < 275 mA

Dimming range: 3 to 100%

If no dimming interface is connected, brightness will stay at 100%.

### Adjustable

The output current can be freely adjusted in 25 mA steps between 350 mA and 700 mA by using a resistor (according to LEDset standard).



### Connection details

Mains voltage: 220–240 V  $\pm 10\%$

Mains frequency: 50–60 Hz

DC operation: 198–264 V DC, 0 Hz

(can be reduced to 176 V with reduced service life time)

Push-in terminals: 0.2–1.5 mm<sup>2</sup>



### Safety features

Electronic short-circuit protection

Overload and overtemperature protection

Protection against "no load" operation

Degree of protection: IP20

Protection class I

Product guarantee: 5 years

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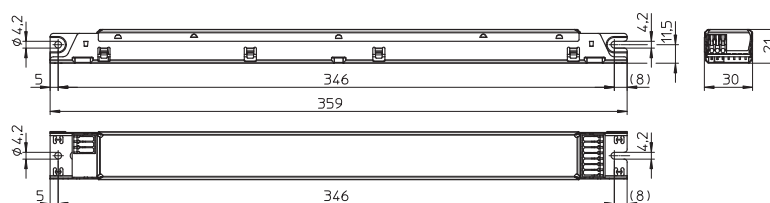
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### Expected service life time

at operation temperatures at  $t_c$  point

Operation current	Ref. No.			
	186565		186564	
all	60 °C	50 °C	70 °C	60 °C
hrs.	50,000	100,000	50,000	100,000

### M10



Max. output	Type	Ref. No.	Mains voltage	Mains current	Current output DC programmable	Voltage output* DC	Max. voltage without load DC	Efficiency at full load % (230 V)	Ambient temperature $t_a$ °C	Casing temperature $t_c$ °C	Weight g
W			V	mA	mA	V	V				

### M10 – Dimensions: 359x30x21 mm

42	ECXd 700.214	<b>186565</b>	220–240	210–190	350–700 $\pm 5\%$	34–120	< 250	> 90	–25 to 50	60	235
77	ECXd 700.213	<b>186564</b>	220–240	410–380	350–700 $\pm 5\%$	60–220	< 250	> 93	–25 to 50	70	265
84											

\* Depends on the adjusted current output