

ICUTRONIC IT FIT CS L (SELV)

Linear / Area Constant Current – Non dimmable



Areas of application

- Linear and area lighting
- Office, industrial and shop lighting

Product family benefits

- Flexible with 1 driver offers 4 output currents
- High quality light with very low ripple
- Very high efficiency up to 87%
- Enable slim fixture design with flat 21 mm height metal housing
- Long lasting and high reliability
- SELV driver



Product family datasheet

Product family features

- Output current up to 1600 mA
- Output power up to 75 W
- Low THD <15% @ full load
- Input voltage: 220 – 240 VAC
- Ambient temp range t_a : -25 to +50 °C
- Wide output voltage range
- Low LF-ripple < 5%
- Very high efficiency up to 87%
- Fixed output (no dimming)
- 5 years guarantee*

Product family datasheet

Technical data

Electrical data

Product description	Maximum output power
IT FIT 18/220...240/350 CS L	17.8 W
IT FIT 40/220...240/800 CS L	40.8 W
IT FIT 60/220...240/1A2 CS L	64.8 W
IT FIT 75/220...240/1A6 CS L	75.2 W

Dimensions & weight

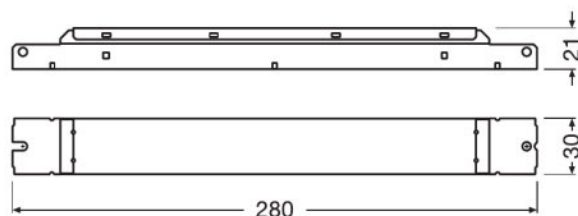
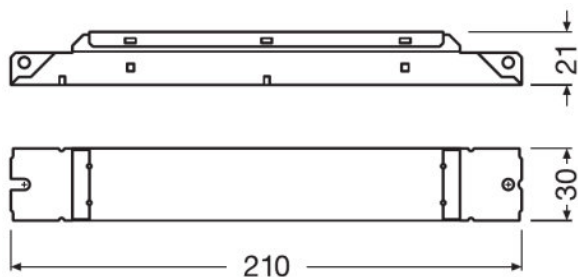
Product description	Mounting hole spacing, length	Product weight	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side
IT FIT 18/220...240/350 CS L	200.0 mm	110.00 g	0.5...1.5 / 0.75...1.5 mm ² 1)	0.5...1.5 / 0.75...1.5 mm ² 1)	8.5...9.5 mm
IT FIT 40/220...240/800 CS L	200.0 mm	122.50 g	0.5...1.5 / 0.75...1.5 mm ² 1)	0.5...1.5 / 0.75...1.5 mm ² 1)	8.5...9.5 mm
IT FIT 60/220...240/1A2 CS L	200.0 mm	139.50 g	0.5...1.5 / 0.75...1.5 mm ² 1)	0.5...1.5 / 0.75...1.5 mm ² 1)	8.5...9.5 mm
IT FIT 75/220...240/1A6 CS L	270.0 mm	192.50 g	0.5...1.5 / 0.75...1.5 mm ² 1)	0.5...1.5 / 0.75...1.5 mm ² 1)	8.5...9.5 mm

Product description	Length	Width	Height
IT FIT 18/220...240/350 CS L	210.0 mm	30.0 mm	21.0 mm
IT FIT 40/220...240/800 CS L	210.0 mm	30.0 mm	21.0 mm
IT FIT 60/220...240/1A2 CS L	210.0 mm	30.0 mm	21.0 mm
IT FIT 75/220...240/1A6 CS L	280.0 mm	30.0 mm	21.0 mm

1) Solid/ Flexible Leads

Product family datasheet

Product line drawing



IT FIT 18/220...240/350 CS L, IT FIT 40/220...240/800 CS L,
IT FIT 60/220...240/1A2 CS L

IT FIT 75/220...240/1A6 CS L

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point	Max.housing temperature in case of fault	Temperature range at storage
IT FIT 18/220...240/350 CS L	-25...+50 °C	70 °C	110 °C	-25...80 °C
IT FIT 40/220...240/800 CS L	-25...+50 °C	70 °C	110 °C	-25...80 °C
IT FIT 60/220...240/1A2 CS L	-25...+50 °C	75 °C	110 °C	-25...80 °C
IT FIT 75/220...240/1A6 CS L	-25...+50 °C	75 °C	110 °C	-25...80 °C

Product description	Permitted rel. humidity during operation
IT FIT 18/220...240/350 CS L	5...85 % ¹⁾
IT FIT 40/220...240/800 CS L	5...85 % ¹⁾
IT FIT 60/220...240/1A2 CS L	5...85 % ¹⁾
IT FIT 75/220...240/1A6 CS L	5...85 % ¹⁾

¹⁾ Non-condensing

Product family datasheet

Lifespan

Product description	ECG lifetime
IT FIT 18/220...240/350 CS L	50000 / 100000 h ¹⁾
IT FIT 40/220...240/800 CS L	50000 / 100000 h ²⁾
IT FIT 60/220...240/1A2 CS L	50000 / 100000 h ²⁾
IT FIT 75/220...240/1A6 CS L	50000 / 100000 h ²⁾

¹⁾ T_c = 70°C, with max. 10% failure rate

²⁾ T_c = 75°C, with max. 10% failure rate

Certificates & standards

Product description	Approval marks – approval	Standards	Type of protection
IT FIT 18/220...240/350 CS L	CE / ENEC 05 / EAC / CCC / BIS / RCM ¹⁾	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	IP20
IT FIT 40/220...240/800 CS L	CE / ENEC 05 / EAC / CCC / BIS / RCM ¹⁾	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	IP20
IT FIT 60/220...240/1A2 CS L	CE / ENEC 05 / EAC / CCC / BIS / RCM ¹⁾	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	IP20
IT FIT 75/220...240/1A6 CS L	CE / ENEC 05 / EAC / CCC / BIS / RCM ¹⁾	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	IP20

¹⁾ In preparation

Logistical data

Product description	Commodity code
IT FIT 18/220...240/350 CS L	850440829000
IT FIT 40/220...240/800 CS L	850440829000
IT FIT 60/220...240/1A2 CS L	850440829000
IT FIT 75/220...240/1A6 CS L	850440829000

Product family datasheet





Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	User instruction ICUTRONIC LED Power Supply
	Certificates IT FIT CS L DEKRA 35 113195 030820
	Declarations of conformity IT FIT CS L CE 4205372 180821
	Declarations of conformity IT FIT CS L UK DoC 4281081 020321

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899617421	IT FIT 18/220...240/350 CS L	Shipping carton box 20	375 mm x 230 mm x 88 mm	7.59 dm ³	2690.00 g
4052899617438	IT FIT 40/220...240/800 CS L	Shipping carton box 20	237 mm x 162 mm x 130 mm	4.99 dm ³	2759.00 g
4052899617445	IT FIT 60/220...240/1A2 CS L	Shipping carton box 20	237 mm x 162 mm x 130 mm	4.99 dm ³	3099.00 g

Product family datasheet

Logistical Data

4052899617452	IT FIT 75/220...240/1A6 CS L	Shipping carton box 20	307 mm x 162 mm x 130 mm	6.47 dm ³	4215.00 g
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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 unit.

References / Links

* For more information on the multi-level guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.