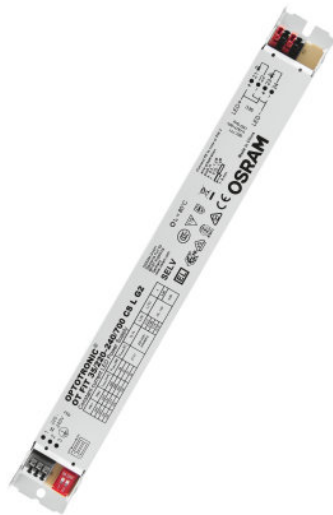


OPTOTRONIC FIT CS L G2

Linear / Area Constant Current – Non dimmable



Product family features

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 75 W
- Supply voltage: 220...240 V
- Available with output current range: up to 1,400 mA
- SELV system

Product family benefits

- Flexible current setting (DIPswitch – 4 currents)
- Lifetime: up to 100,000 h (temperature at $T_c = 65\text{ }^\circ\text{C}$, max. 10 % failure rate)
- High efficiency
- High quality of light thanks to low output ripple current
- Fulfill safety requirement due to overload, overtemperature, Hot Plug protection

Areas of application

- Linear lighting for office, education, industry, storage areas and retail
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for luminaires of protection class I



Product family datasheet

Technical data

Product description	Electrical data		Dimensions & weight		
	Efficiency in full-load	Maximum output power	Mounting hole spacing, length	Product weight	Cable cross-section, input side
OT FIT 35/220...240/700 CS L G2	85 % ¹⁾	35.7 W	270.0 mm	205.00 g	0.5...1.5 mm ²
OT FIT 55/220...240/1A0 CS L G2			270.0 mm	217.00 g	0.5...1.5 mm ²
OT FIT 75/220...240/1A4 CS L G2	87 % ¹⁾	71.4 W	350.0 mm	288.00 g	0.5...1.5 mm ²

Product description	Cable cross-section, output side	Wire preparation length, input side	Wire preparation length, output side	Height	Width
OT FIT 35/220...240/700 CS L G2	0.5...1.5 mm ²	8.5...9.5 mm	8.5...9.5 mm	21.0 mm	30.0 mm
OT FIT 55/220...240/1A0 CS L G2	0.5...1.5 mm ²	8.5...9.5 mm	8.5...9.5 mm	21.0 mm	30.0 mm
OT FIT 75/220...240/1A4 CS L G2	0.5...1.5 mm ²	8.5...9.5 mm	8.5...9.5 mm	21.0 mm	30.0 mm

Product description	Length	Colors & materials	Temperatures & operating conditions		
		Casing material	Ambient temperature range	Maximum temperature at tc test point	Max.housing temperature in case of fault
OT FIT 35/220...240/700 CS L G2	280.0 mm	Metal	-25...+50 °C	80 °C	110 °C
OT FIT 55/220...240/1A0 CS L G2	280.0 mm	Metal	-25...+50 °C	80 °C	110 °C
OT FIT 75/220...240/1A4 CS L G2	360.0 mm	Metal	-25...+50 °C	80 °C	110 °C

Product description	Temperature range at storage	Permitted rel. humidity during operation	Lifespan	Capabilities
			ECG lifetime	Intended for no-load operation
OT FIT 35/220...240/700 CS L G2	-25...85 °C	5...85 % ²⁾	50000 / 100000 h ³⁾	No
OT FIT 55/220...240/1A0 CS L G2	-25...85 °C	5...85 % ²⁾	50000 / 100000 h ³⁾	No
OT FIT 75/220...240/1A4 CS L G2	-25...85 °C	5...85 % ²⁾	50000 / 100000 h ³⁾	No

Product description	Programming	Certificates & standards		
	Programming device	Approval marks – approval	Standards	Protection class
OT FIT 35/220...240/700 CS L G2	DIPswitch	CE / EL / ENEC 05 / EAC / CCC / RCM / BIS	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547	I

Product family datasheet

Product description	Programming	Certificates & standards		
	Programming device	Approval marks – approval	Standards	Protection class
OT FIT 55/220...240/1A0 CS L G2	DIPswitch	CE / EL / ENEC 05 / EAC / CCC / RCM / BIS	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547	I
OT FIT 75/220...240/1A4 CS L G2	DIPswitch	CE / EL / ENEC 05 / EAC / CCC / RCM / BIS	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547	I

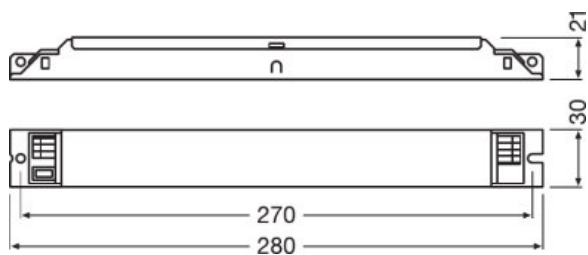
Product description	Type of protection	Logistical data
		Commodity code
OT FIT 35/220...240/700 CS L G2	IP20	850440829000
OT FIT 55/220...240/1A0 CS L G2	IP20	850440829000
OT FIT 75/220...240/1A4 CS L G2	IP20	850440829000

1) at 230 V, 50 Hz

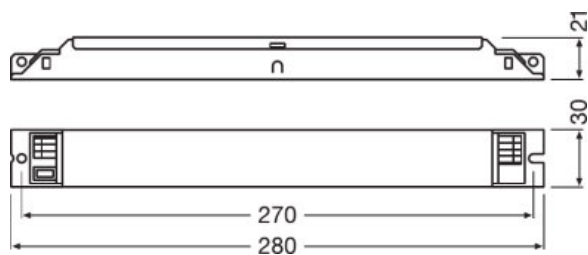
2) Maximum 56 days/year at 85 %

3) At maximum $T_c = 75^\circ\text{C}$ / 10% failure rate

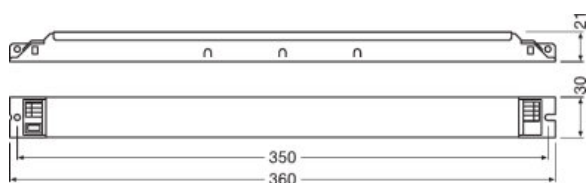
Product family datasheet



AM043510055 OT FIT 35220-240700 CS L G2 VS20
OSRAM



OT FIT 55220-2401A0 CS L G2 UNV1 OSRAM



AM043530055 OT FIT 75220-2401A4 CS L G2 VS20
OSRAM


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 OT FIT 35 55 75 220-240 CS L G2

Product family datasheet

	Certificates INOTEC Certificate OT FIT 35700 CS L G2
	Certificates INOTEC Certificate OT FIT 35700 CS L G2 appendix
	Certificates OT EMC 40038482 220421
	Certificates VDE ENEC Certificate 40046756
	Declarations of conformity OT FIT CS L G2 UK DoC 4281119 080321
	Declarations of conformity OT FIT CS L G2 CE 3666934 180821
	Declarations of conformity 711957_Declaration of Conformity OT FIT CS L
	Certificates INOTEC Certificate OT FIT 551A0 CS L G2
	Certificates INOTEC Certificate OT FIT 551A0 CS L G2 appendix
	Certificates INOTEC Certificate OT FIT 751A4 CS L G2
	Certificates INOTEC Certificate OT FIT 751A4 CS L G2 appendix

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
4052899522534	OT FIT 35/220...240/700 CS L G2	Shipping carton box 20	303 mm x 159 mm x 101 mm	4.87 dm ³	4419.00 g
4052899522558	OT FIT 55/220...240/1A0 CS L G2	Shipping carton box 20	303 mm x 159 mm x 101 mm	4.87 dm ³	4659.00 g

Product family datasheet

Logistical Data

4052899522572	OT FIT 75/220...240/1A4 CS L G2	Shipping carton box 20	385 mm x 160 mm x 100 mm	6.16 dm ³	5931.00 g
---------------	------------------------------------	---------------------------	--------------------------	----------------------	-----------

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.

Disclaimer

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