

OPTOTRONIC FIT D NFC HC L

Linear / Area Constant Current – Non dimmable



Areas of application

- Linear and area lighting
- Greenhouse lighting
- Industry lighting
- Suitable for luminaires of protection class I

Product family benefits

- Global usage - CE & cURus approval
- Flexible and future-proof current setting via NFC (Near Field Communication)
- Lifetime: up to 100,000 h (temperature at $T_C = 65\text{ °C}$, max. 10 % failure rate)
- Higher quality of light thanks to < 1% output ripple current
- Very high efficiency (up to 97%)
- Protection against 4 kV burst and 2 kV surge voltage (L-N and L-N/PE)

Product family features

- Line frequency: 47.5...60 Hz
- Versatile scope of application due to output power range of up to 380 W
- Supply voltage: 220...240 V / 277 V / 400 V
- Available with output current range: up to 1,400 mA
- Non-isolated drivers



Product family datasheet

Technical data

Electrical data

Product description	Efficiency in full-load	Maximum output power
OT FIT 380/220...400/1A4 D NFC HC L	97 % ¹⁾	380 W

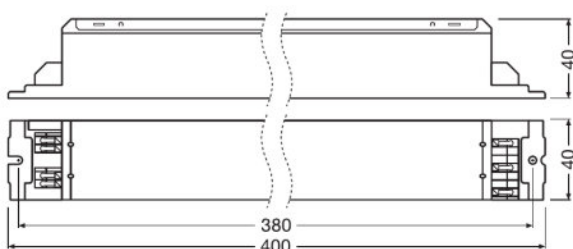
¹⁾ at 400 V, 50 Hz

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
OT FIT 380/220...400/1A4 D NFC HC L	380.0 mm	645.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²	8.0...9.0 mm

Product description	Length	Width	Height
OT FIT 380/220...400/1A4 D NFC HC L	400.0 mm	40.0 mm	40.0 mm

Product line drawing



OT FIT 380/220...400/1A4 D NFC HC L

Product family datasheet

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
OT FIT 380/220...400/1A4 D NFC HC L	-25...+70 °C	85 °C	110 °C	-40...+85 °C

Product description	Permitted rel. humidity during operation
OT FIT 380/220...400/1A4 D NFC HC L	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

Product description	ECG lifetime
OT FIT 380/220...400/1A4 D NFC HC L	100000 / 50000 h

Capabilities

Product description	Intended for no-load operation
OT FIT 380/220...400/1A4 D NFC HC L	No

Programming

Product description	Programming device	Tuner4TRONIC Field App	Box programming
OT FIT 380/220...400/1A4 D NFC HC L	NFC Reader	Yes	Yes

Certificates & standards

Product description	Approval marks – approval	Standards	Type of protection
OT FIT 380/220...400/1A4 D NFC HC L	CE / VDE-ENEC / VDE-EMC / EAC / CCC / BIS / cURus	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/Acc. to CISPR 15/UL-8750/Acc. to FCC 47 part 15 class A	IP20

Product family datasheet

Logistical data

Product description	Commodity code
OT FIT 380/220...400/1A4 D NFC HC L	850440829000

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 OPTOTRONIC LED Power Supply
 User instruction OPTOTRONIC LED Power Supply
 Certificates OT ENEC 40038085 130720
 Certificates OT EMC 40044675 250621
 Declarations of conformity OT FIT D NFC HC L CE 3790189 030921
 CAD data OT FIT 380 D NFC HC L IGS 091019
 CAD data OT FIT 380 D NFC HC L STEP 091019
 CAD data PDF OT FIT 380 D NFC HC L CAD2PDF 091019
 CAD data PDF OT FIT 380 D NFC HC L CAD3PDF 091019

Product family datasheet

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
4062172063586	OT FIT 380/220...400/1A4 D NFC HC L	Shipping carton box 10	423 mm x 208 mm x 100 mm	8.80 dm ³	6639.00 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.