PRODUCT DATASHEET
OT FIT 120/220…240/750 D LT2 L

OPTOTRONIC® FIT D LT2 L | Linear / Area Constant Current – Non dimmable



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 installation in emergency lighting systems according to EN 60598-2-22
- Suitable for luminaires of protection class I

Product benefits

- Flexible current setting (LEDset2)
- Lifetime: up to 100,000 h (temperature at T_C = 65 °C, max. 10 % failure rate)
- High quality of light thanks to low output ripple current
- Very high efficiency
- Fulfill safety requirement due to overload, overtemperature, Hot Plug protection

Product features

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 120 W
- Supply voltage: 220…240 V
- Available with output current range: up to 750 mA
- Non-isolated drivers

© 2026, products of OSRAM GmbH, distributed by LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

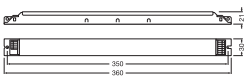
Nominal wattage	120.00 W
Nominal output power	13.5…120 W
Nominal voltage	220…240 V
Nominal output voltage	54…216 V
Input voltage AC	198…264 V
Input voltage DC	176…276 V
U-OUT (working voltage)	< 250 V
Nominal output current	250…700 mA [1)]
Inrush current	70 A
Output current tolerance	5 %
Output ripple current (100 Hz)	< 1 %
Mains frequency	0/50/60 Hz
Maximum total harmonic distortion	< 5 %
Power factor λ	> 0.99
ECG efficiency	93 %
Device power loss	12 W
Max. ECG no. on circuit breaker 10 A (B)	8
Max. ECG no. on circuit breaker 16 A (B)	13
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Galvanic isolation	Non isolated
Flickering metric (Pst LM)	≤1

1) ±5%

Photometrical data

Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

Dimensions & Weight



Length	360.00 mm

© 2026, products of OSRAM GmbH, distributed by LEDVANCE GmbH. All rights reserved.

Mounting hole spacing, length	350,0 mm
Width	30.00 mm
Height	21.00 mm
Cable cross-section, input side	0.5…1.5 mm^2
Cable cross-section, output side	0.5…1.5 mm^2
Wire preparation length, input side	8.5…9.5 mm
Wire preparation length, output side	8.5…9.5 mm
Product weight	290.00 g

Colors & materials

Casing material	Metal
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-25…+60 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5…85 % 1)

1) Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h / 100000 h 1)

1) At maximum Tc = 75°C / 10% failure rate / At Tc = 65 °C / 10 % failure rate

Additional product data

Encapsulated	No

Capabilities

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
No-load proof	Yes
Short-circuit protection	Automatic reversible
Max. cable length to lamp/LED module	2,0 m
Suitable for fixtures with prot. class	I
Suitable for emergency lighting	Yes
Type of connection, output side	Push terminal

Certificates & Standards

Approval marks – approval	CE / EL / VDE-EMC / ENEC 10 / CCC / RCM

© 2026, products of OSRAM GmbH, distributed by LEDVANCE GmbH. All rights reserved.

Standards	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
Protection class	1
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	OPTOTRONIC LED Power Supply
PDF	Declarations of conformity	INOTEC- Conformity declaration AM05489_OT_FIT_120_220-240_750_D_LT2_L
PDF	Declarations of conformity	EU Declaration of Conformity 3461268 (EN)
PDF	Certificates	VDE ENEC Certificate 40038085
PDF	Certificates	730563_VDE Certificate
PDF	Certificates	INOTEC Certificate OT FIT 120/750 D LT2 L
PDF	Certificates	INOTEC Certificate OT FIT 120/750 D LT2 L appendix
PDF	Certificates	OTI DALI OT FIT D LT2 L CB DE1 58970 040320

	CAD/BIM files	Document name
STEP	CAD STEP 3D	OT FIT 120 D LT2 L STEP 270220

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899497900	Unpacked 1		290.00 g	
4052899497917	Shipping box 20	385 mm x 160 mm x 100 mm	5971.00 g	6.16 dm^3

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.

© 2026, products of OSRAM GmbH, distributed by LEDVANCE GmbH. All rights reserved.