

OT FIT 30/220...240/700 CS T-W

OPTOTRONIC FIT CS Track | Constant Current Compact – Non dimmable



Areas of application

- Track lights
- Shops and hospitality: retail, hotels, restaurants

Product family benefits

- High quality of light thanks to low output ripple current
- High flexibility due to eight different output currents
- Short housing for minimum distance between spotlights
- SELV system

Product family features

- Supply voltage: 220...240 V
- Line frequency: 50 Hz | 60 Hz
- Line voltage: 198...264 V
- Lifetime: up to 50,000 h (temperature at $T_c = 85^\circ\text{C}$, max. 10 % failure rate)



Technical data

Electrical data

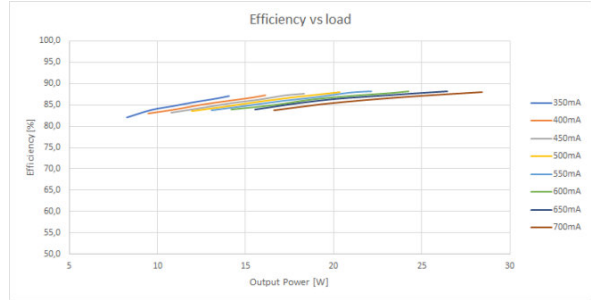
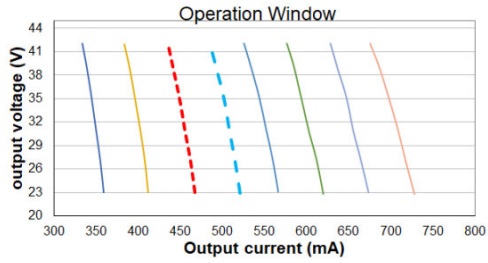
Nominal input voltage	220...240 V
Mains frequency	50/60 Hz
Input voltage AC	198...264 V
Total harmonic distortion	< 15 % ¹⁾
Power factor λ	0.97 ²⁾
ECG efficiency	88 % ³⁾
Device power loss	4.0 W
Protective conductor current	<0.5 mA
Inrush current	< 5 A ⁴⁾
Max. ECG no. on circuit breaker 10 A (B)	30
Max. ECG no. on circuit breaker 16 A (B)	50
Surge capability (L/N-Ground)	4 kV
Surge capability (L-N)	2 kV
Nominal output voltage	23...42 V
U-OUT (working voltage)	60 V
Nominal output current	700 mA
Output current tolerance	± 5 %
Output ripple current (100 Hz)	< 3 %
Nominal output power	30 W
Galvanic isolation	SELV
Current set	DipSwitch

¹⁾ At full load, 230 V

²⁾ Full load at 230 V

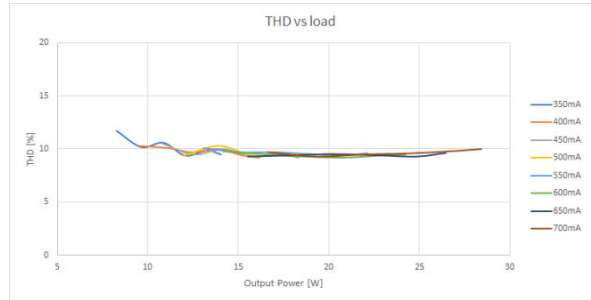
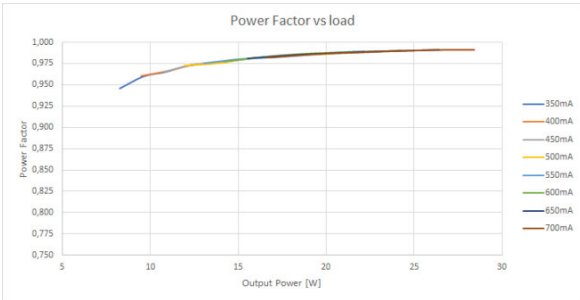
³⁾ At full load and 230 V

⁴⁾ $t_{th}=50 \mu s$



Operating Window

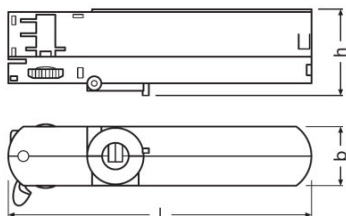
Typical Efficiency v Load 230 V 50 Hz



Typical Power Factor v Load

Typical THD v Load

Dimensions & weight



Product weight	115.00 g
Cable cross-section, output side	0.2...0.75 mm ²
Wire preparation length, output side	7...8 mm
Length	162.0 mm
Width	32.0 mm
Height	46.0 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h
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Additional product data

Encapsulated	No
Compatible track systems	NA Globaltrac pro / Concord / Eutrac 25101 / Hoffmeister / IG STD 677 / Ivela / Stucchi / Unipro T3 / Zumtobel / Nuco

Capabilities

Product datasheet

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	10 m
Suitable for fixtures with prot. class	II
Type of connection, input side	-
Type of connection, output side	Push terminal
Number of channels	1

Programming

Tuner4TRONIC	No
Tuner4TRONIC Field App	No
Programming device	DIPswitch





Certificates & standards

Approval marks – approval	CE / ENEC / VDE-EMC / EAC
Standards	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384
Type of protection	IP20

Logistical data

Commodity code	850440829000
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Download Data

File	
	User instruction OPTOTRONIC LED Power Supply
	Certificates VDE EMC Certificate 40049578
	Certificates ENEC Certificate 81-107672
	Declarations of conformity EU Declaration of Conformity 3758252

Logistical Data

Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172028493	OT FIT 30/220...240/700 CS T-W	Shipping carton box 20	400 mm x 200 mm x 122 mm	9.76 dm ³	2687.00 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.