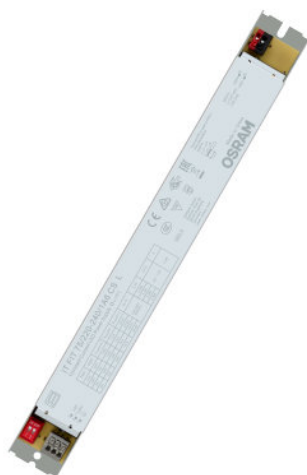


IT FIT 75/220...240/1A6 CS L

ICUTRONIC IT FIT CS L (SELV) | Linear / Area Constant Current – Non dimmable



Product family features

- Output current: 200/250/300/350 mA
- Low THD <15% @ full load
- Output power: 4.6 W – 18.9 W
- 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 84%
- Fixed output (no dimming)
- 5 years guarantee*

Product family benefits

- Flexible with 1 driver offers 4 output currents
- High quality light with very low ripple
- Very high efficiency up to 84%
- Enable slim fixture design with flat 21 mm height metal housing
- Long lasting and high reliability
- SELV driver

Areas of application

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



Technical data

Electrical data

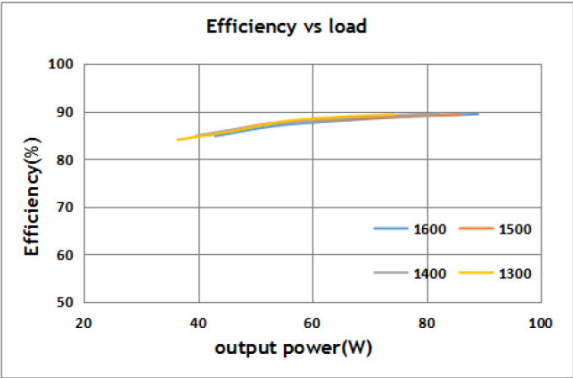
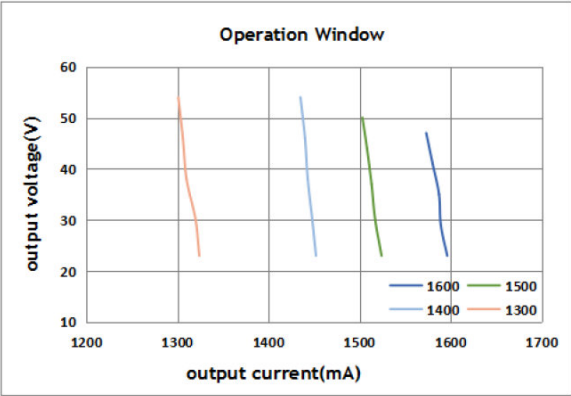
Nominal input voltage	220...240 V
Mains frequency	50/60 Hz
Input voltage AC	198...264 V
Current set	DipSwitch
Power factor λ	≥ 0.98
ECG efficiency	up to 87 % ¹⁾
Device power loss	8.35 W ²⁾
Inrush current	13.6 A ³⁾
Max. ECG no. on circuit breaker 10 A (B)	13
Max. ECG no. on circuit breaker 10 A (C)	21
Max. ECG no. on circuit breaker 16 A (B)	21
Max. ECG no. on circuit breaker 16 A (C)	33
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Nominal output voltage	23...54 V
Nominal output current	1300 / 1400 / 1500 / 1600 mA ⁴⁾
Output ripple current (100 Hz)	< 5 %
Output PSTLM	≤ 1
Output SVM	≤ 0.4
Nominal output power	29.9...75.2 W

¹⁾ Full load, 220 – 240 V, 50 Hz

²⁾ At 230 V, Input power 47 W max

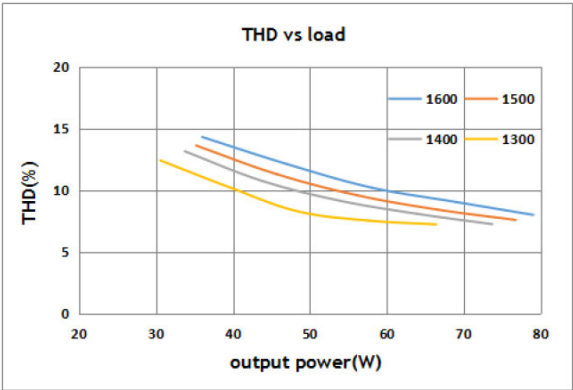
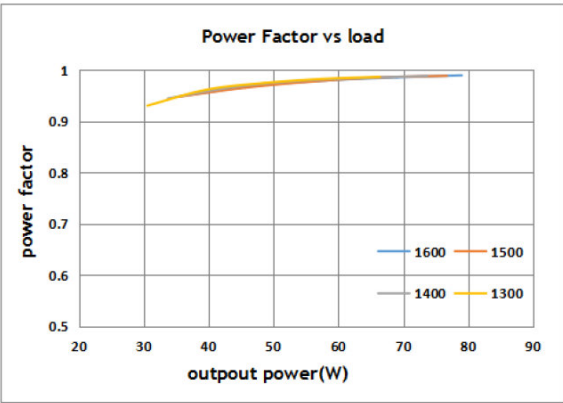
³⁾ $t_{\text{width}} = 220 \mu\text{s}$ (measured at 50 % I_{peak})

⁴⁾ $\pm 7.5\%$



IT FIT 75 CS L Operating Window

IT FIT 75 CS L Typical Efficiency vs. Load



IT FIT 75 CS L Typical Power Factor vs. Load

IT FIT 75 CS L Typical THD Vs Load

Dimensions & weight



Mounting hole spacing, length	270.0 mm
Product weight	192.50 g
Cable cross-section, input side	0.5...1.5 / 0.75...1.5 mm ^{2 1)}
Cable cross-section, output side	0.5...1.5 / 0.75...1.5 mm ^{2 1)}
Wire preparation length, input side	8.5...9.5 mm
Length	280.0 mm
Width	30.0 mm
Height	21.0 mm

¹⁾ Solid/ Flexible Leads

Temperatures & operating conditions

Ambient temperature range	-25...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-25...80 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Non-condensing

Lifespan

ECG lifetime	50000 / 100000 h ¹⁾
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¹⁾ T_c = 75°C, with max. 10% failure rate

Additional product data

Encapsulated	No
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Capabilities

Dimmable	No
Overheating protection	Automatic reversible

Product datasheet

Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	2.0 m
Suitable for fixtures with prot. class	I / II
Number of channels	1

Certificates & standards

Approval marks – approval	CE / ENEC 05 / EAC / CCC / BIS / RCM ¹⁾
Standards	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
Type of protection	IP20

¹⁾ In preparation

Logistical data

Commodity code	850440829000
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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 020321
	Declarations of conformity IT FIT CS L UK DoC 4281081 020321

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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

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.