



LED Drivers Standard Range

All products comply with
EN61347-1 and EN61347-2-13

Applications

- Lighting

Characteristics

- Voltage and current regulation within single design
- Compact design: 21 x 30 mm (LT 10 – LT 60), 24 x 30 mm (LT 100)
- Active PFC \geq LT 40
- Continuously short circuit proof
- Overload protection
- Overtemperature protection
- Fastening by screws, rivets, cable straps or clips...
- LED dimmable with DALI, 1-10V or Push-Dim via connectable DIMMbox
- IP rating: IP20, IP67 (LT-UP, LT 40 WP)

Technical data

Input voltage

100 to 120 V AC
220 to 240 V AC

Input current

150 mA (LT 10 UP), 200 mA (LT 20 UP),
90 mA (LT 10), 200 mA (LT 20), 180 mA (LT 40)

Frequency

50 to 60 Hz

Efficiency

up to 91% typ. at full load

EMC

Conforms to
EN 55012, EN 61000-3-2, EN 62384, EN 61547

Output voltage tolerance

$\pm 2\%$

Environmental specification

Operating temperature

-20 to +45°C at maximum load

Storage temperature

-40 to +70°C

Humidity

5% to 90% non condensing

Input transient susceptibility

Complies with IEC 61000 requirements

Safety specification

Standards

Fulfills class II, SELV according to
following standards:
EN/IEC 61437-1, EN/IEC 61347-2-13

Reliability specification

MTBF calculation

typ. 200,000 hours at maximum load
and an ambient temperature of 25° C
(in accordance with MIL-HDBK-217)

Mechanical specification

Weight approx.

90 g (LT 10 UP), 125 g (LT 20 UP), 50 g (LT 10),
82 g (LT 20), 106 g (LT 40)

Plug connector

connecting bracket 0.5..1.5 mm²

LT Accessories



LT SQ Cap

Order No. 1840704
for LT 40 SQ, LT 60 SQ

LT Cap

Order No. 1839772
for LT 10, LT 20, LT 40, LT 60,
LT 100 and DIMMbox

LT Cap slim

Order No. 1844170
for LT 10, LT 20, LT 40, LT 60,
LT 100 and DIMMbox

LT UP FW7804



10 / 20 Watts



LT 10 LT 10



10 Watts



LT 20 LT 20



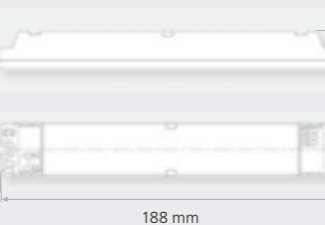
20 Watts



LT 40 LT 40



40 Watts



Model	Order No.	Output voltage*	Output current*
LT10-12 UP ¹	1896539	8-12 VDC	0-1000 mA
LT10-24 UP ¹	1896408	8-24 VDC	0-500 mA
LT10-36 UP ¹	1895582	8-37 VDC	0-350 mA
LT10-36/300 UP ¹	1897066	8-37 VDC	0-300 mA
LT20-24 UP ¹	1896409	12-24 VDC	0-850 mA
LT20-31 UP ¹	1895583	15-31 VDC	0-700 mA
LT20-36/600 UP ¹	1897067	15-37 VDC	0-600 mA

¹without DIMMbox connection

Model	Order No.	Output voltage*	Output current*
LT10-12 ¹	1895611	1-12 VDC	3-700 mA
LT10-16 ¹	1895089	1-16 VDC	3-700 mA
LT10-24 ¹	1896009	1-24 VDC	3-550 mA
LT10-32 ¹	1895008	2-32 VDC	3-350 mA
LT10-32 DB	1895541	8-32 VDC	3-350 mA
LT10-36/300 ¹	1897064	8-37 VDC	0-300 mA

¹without DIMMbox connection

Model	Order No.	Output voltage*	Output current*
LT20-24	1894910	15-24 VDC	0-833 mA
LT20-28	1894611	5-28 VDC	350-700 mA
LT20-28/700 1-10V	1897012	5-28 VDC	350-700 mA
LT20-36/600	1897065	15-37 VDC	0-600 mA
LT20-40	1895718	15-40 VDC	0-450 mA
LT20-40	1894612	10-40 VDC	200-500 mA
LT20-40/500 1-10V	1897014	10-40 VDC	200-500 mA
LT20-48	1895720	15-48 VDC	0-200 mA
LT20-48	1894613	15-48 VDC	100-350 mA
LT20-48	1895013	15-48 VDC	0-417 mA
LT20-48/350 1-10V	1897015	15-48 VDC	100-350 mA

Model	Order No.	Output voltage*	Output current*
LT40-24	1894614	10-24 VDC	700-1.400 mA
LT40-24	1894973	10-24 VDC	700-1.460 mA
LT40-24/1400 1-10V	1897016	10-24 VDC	700-1400 mA
LT40-27	1895641	17-27 VDC	0-1.150 mA
LT40-36	1894615	15-36 VDC	500-1.050 mA
LT40-36/900	1897068	15-37 VDC	0-900 mA
LT40-36/1050 1-10V	1897017	15-36 VDC	500-1050 mA
LT40-48	1894616	22-48 VDC	350-700 mA
LT40-48 1-10 V	1896700	22-47 VDC	0-700 mA

* Standard units will be delivered with highest voltage and current output.