

Driver LCBI 15W 350/500/700mA BASIC phase-cut Ip advanced series



Product description

- _ Dimmable via leading edge and trailing edge phase dimmers
- _ Output dimmed analogue (current amplitude)
- _ Dimming range typ. 5 to 100 % (depending on dimmer)
- _ Type of protection IP20
- _ Push-in terminals
- _ Connecting cable, wire cross-section 0.5 – 1.5 mm²
- _ SELV
- _ 350, 500 or 700 mA output current
- _ Output power 15/16 W
- _ Nominal lifetime of 50,000 h (at max ta 50 °C with a failure rate ≤ 0.2 % per 1,000 h)
- _ 5 years guarantee

Properties

- _ Casing: polycarbonate, white
- _ Compact dimensions
- _ Overload protection
- _ Short-circuit protection
- _ No-load protection

Website

<http://www.tridonic.com/89800257>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



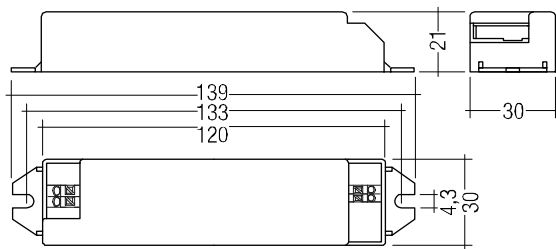
Decorative



High bay

Driver LCBI 15W 350/500/700mA BASIC phase-cut Ip advanced series

The complete data sheet for this product is available in the Downloads section.



Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pc.
LCBI 15W 700mA BASIC Ip	89800257	25 pc(s).	600 pc(s).	0.053 kg

Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Mains frequency	50 / 60 Hz
Typ. rated current (at 230 V, 50 Hz, full load)	0.1 A
λ at full load	0.99
λ at min. load	0.97
Output current tolerance at full load ^{①②③}	± 7.5 %
Typ. current ripple (at 230 V, 50 Hz, full load)	± 30 %
Starting time (at 230 V, 50 Hz, full load)	≤ 0.1 s
Turn off time (at 230 V, 50 Hz, full load)	≤ 0.1 s
Hold on time at power failure (output)	0 s
Ambient temperature t_a	-25 ... +50 °C
Max. casing temperature t_c	85 °C
Storage temperature t_s	-40 ... +85 °C
Lifetime	up to 50,000 h
Guarantee	5 Year(s)
Dimensions L x W x H	139 x 30 x 21 mm

Approval marks

IP20 SELV     RoHS

Standards

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 61547, EN 62384

Specific technical data

Type	Efficiency at full load	Efficiency at min. load ^⑤	Output current ^③	Max. repetitive output peak current at full load ^{④⑥}	Max. repetitive output peak current at min. load ^{④⑥}	Max. non-repetitive output peak current at full load ^{④⑥}	Max. non-repetitive output peak current at min. load ^{④⑥}	Max. forward voltage ^⑤	Min. forward voltage ^⑤	Output voltage range	Max. output voltage (U-OUT) ^⑤	Max. input power	Max. output power
LCBI 15W 700mA BASIC Ip	76 %	74 %	700 mA	1,280 mA	1,640 mA	1,280 mA	1,640 mA	21.5 V	10.0 V	10.0 – 21.5 V	24 V	20 W	15 W

① The trend between min. and full load is linear.

② Output current tolerance at min. load max. 22 %.

③ Output current is mean value.

④ Test result at 230 V, 50 Hz.

⑤ At failure mode.