

LED Driver

# Driver **ADVANCED** phase-cut

Economic dimming convenience



# TRIDONIC

# ADVANCED phase-cut

## Economic dimming convenience

### Positioning in the Tridonic portfolio

#### ESSENCE

Cost-effective

#### ADVANCED

Simplicity itself

#### EXCITE

Flexible

#### PREMIUM

Convenient

### Product Portfolio – Overview

#### Constant current LED Driver dimmable via phase-cut



Perfect system solution with LED module SLE and CLE

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#### Constant current LED Driver dimmable via phase-cut and selectable current



Perfect system solution with LED module SLE and CLE

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#### Constant current LED Driver dimmable via phase-cut and 1-10 V



Perfect system solution with LED module SLE and CLE

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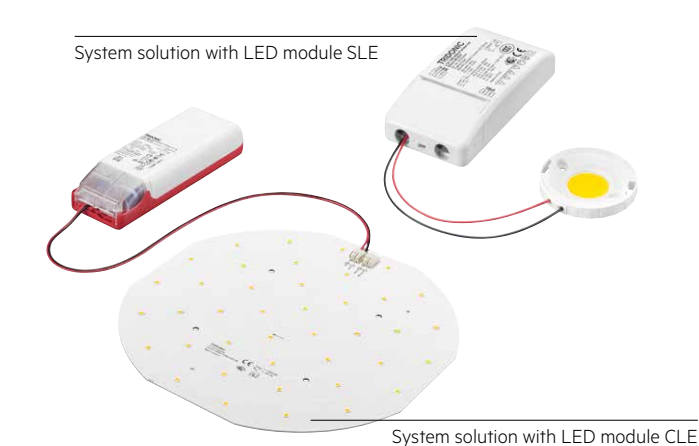
**The LED Driver ADVANCED product series provides dimming convenience for spotlight applications and accent lighting and decorative lighting of offices, retail spaces, hotels and restaurants, exhibition halls or museums.**

The LED Driver series also enables the simple upgrading from inefficient low voltage halogen lamps to modern LED modules and retrofit lamps – with the existing infrastructure as well.

Tridonic offers a matched system with its own SLE and CLE modules, but the LED drivers can also be used with other LED modules. All the LED drivers meet SELV requirements, are available as versions for installation or separate mounting and offer economical dimming.

# ADVANCED phase-cut

## Constant-current LED Driver dimmable via phase-cut



### At a glance: Driver BASIC phase-cut

- Constant current LED Driver
- Dimmable via phase-cut
- Typ. dimming range 5–100% (depending on dimmer)
- Nominal life-time up to 50,000 h
- SELV
- 5 years guarantee

### At a glance: Driver ADVANCED phase-cut

- 22 mm housing height for shallow suspended ceilings and small ceiling cut-out holes
- New improved strain relief
- Low noise in connection with phase-cut

Driver BASIC SR, potted



Driver BASIC Ip, non-potted



Driver ADV SR, non-potted



LED Driver potted	Output current (mA)	Output power (W)	Output voltage range (V)	Input voltage (V)	Size (mm)	Order No.
LCBI 8W 350mA BASIC PHASE-CUT SR ADV	350	8	25	220-240	102 x 51 x 30	87500321
LCBI 15W 350mA BASIC PH-CUT SR ADV	350	15	35	220-240	102 x 51 x 30	87500386
LCBI 15W 500mA BASIC PHASE-CUT SR ADV	500	15	24	220-240	102 x 51 x 30	87500320
LCBI 14W 700mA BASIC PH-CUT SR ADV	700	14	51	220-240	102 x 51 x 30	87500387

LED Driver non-potted	Output current (mA)	Output power (W)	Output voltage range (V)	Input voltage (V)	Size (mm)	Order No.
LCBI 15W 350mA BASIC phase-cut Ip	350	15	21–46	220-240	139 x 30 x 21	89800255
LCBI 15W 500mA BASIC phase-cut Ip	500	15	13.5–30	220-240	139 x 30 x 21	89800256
LCBI 15W 700mA BASIC phase-cut Ip	700	15	10–21.5	220-240	139 x 30 x 21	89800257
LCA 10W 450mA phase-cut 22mm SR ADV	450	10	15–22	220-240	101.5 x 51 x 22	87500406
LCA 18W 450mA phase-cut 22mm SR ADV	450	18	30–39	220-240	101.5 x 51 x 22	87500407
LCBI 25W 700mA BASIC phase-cut SR	700	25	16–35	220-240	145 x 51 x 29.5	89800307

<b>NEW</b> LED Driver non-potted flexC	Output current (mA)	Output power (W)	Output voltage range (V)	Input voltage (V)	Size (mm)	Order No.
LCA 15W 180-350mA flexC PH-C SR ADV	180; 250; 350	7.6–15.0	60	220-240	101.5 x 51 x 29.5	87500627
LCA 21W 300-500mA flexC PH-C SR ADV	300; 450; 500	12.6–21.0	60	220-240	101.5 x 51 x 29.5	87500603
LCA 44W 700-1050mA flexC PH-C SR ADV	700; 1,050	34–50	60	220-240	139 x 68 x 31	87500605

# ADVANCED phase-cut

Constant-current LED Driver dimmable via phase-cut and 1–10 V



### At a glance: Driver ADVANCED phase-cut/1-10 V

- Constant current LED Driver
- Dimmable via phase-cut
- Dimmable via 1..10 V
- Typ. Dimming range 10–100 % (depending on dimmer)
- Nominal life-time up to 50,000 h
- SELV
- 5 years guarantee

Description	Output current (mA)	Output power (W)	Output voltage range (V)	Input voltage (V)	Size (mm)	Order No.
LCBI 10W 180mA phase-cut/1–10 V SR	180	10	21–46	220–240	102 x 51 x 30	87500273
LCBI 10W 350mA phase-cut/1–10 V SR	350	10	13.5–30	220–240	102 x 51 x 30	87500274
LCBI 10W 500mA phase-cut/1–10 V SR	500	15	10–21.5	220–240	102 x 51 x 30	87500275
LCBI 20W 350mA phase-cut/1–10 V SR*	350	20	27–54	220–240	102 x 51 x 30	87500276
LCBI 20W 500mA phase-cut/1–10 V SR*	500	20	19–38	220–240	102 x 51 x 30	87500277

\*no ENEC certification

# Support and advice

## From a single source



Engine DLE



Engine CLE



Engine CLE Integrated



Engine LLE-FLEX



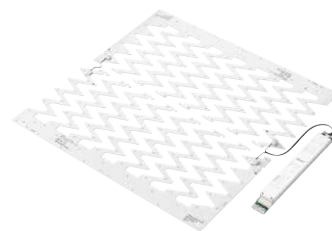
Engine SLE



Engine FLE



Engine LLE



Engine QLE

We will help you to create lighting solutions that are unbeatable in terms of economy and functionality, according to the slogan:  
We devote all our energy to your light.

**As an international company, Tridonic is represented worldwide by 30 branch offices and partners in 73 countries.**



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Light you want to follow.

