

TALEX LED

# TALEXdriver ADVANCED



Spotlights



Downlights



Linear



Wide Area



Floor | Wall



Free Standing



Decorative



High Bay

### Reliable and straightforward

The TALEXdriver ADVANCED series offers the best compromise between attractive price and professional performance. While focusing on the core functionalities, the TALEXdriver ADVANCED series offers superior quality and performance ensuring a reliable operation of your LED module.

While the TALEXdriver ADVANCED supports most common LED modules, the series fits perfectly to the TALEXmodule SLE series as well as QLE and LLE, guaranteeing an optimal performance and lifetime of your Tridonic LED light engine.

### Positioning in the Tridonic portfolio



### ▼ At a glance: TALEXdriver ADVANCED

- \_\_\_ Constant current and fixed output built-in LED Driver
- \_\_\_ Output current (350–2,450mA)
- \_\_\_ Max. output power (10–150W)
- \_\_\_ Nominal lifetime up to 50,000h
- \_\_\_ For luminaires of protection class I and protection class II
- \_\_\_ Temperature protection as per EN 61347-2-13 C5e
- \_\_\_ Overtemperature-, Overload-, Short-circuit- and No-load protection
- \_\_\_ 5-year guarantee

### Overview of casing types

|                                                                                                                                                                                            |                                                                                                                                                          |                                                                                                                                                   |                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Linear Low Profile</b><br/>for area, linear,<br/>decorative and<br/>free-standing luminaires</p> |  <p><b>Built-in</b><br/>for spotlights,<br/>floor-wall luminaires</p> |  <p><b>Independent</b><br/>for downlights,<br/>spotlights</p> | <div>New Design</div>  <p><b>Stretched Compact</b><br/>for downlights, spotlights,<br/>floor-wall luminaires</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## TALEXdriver ADVANCED | Stretched Compact

NEW



|                                                                                                    | Output current | Output power | Output voltage range | Input voltage           | Efficiency | Size             | Order No. |
|----------------------------------------------------------------------------------------------------|----------------|--------------|----------------------|-------------------------|------------|------------------|-----------|
| LC 15W 350mA fixC SC ADV                                                                           | 350mA          | 15W          | 21.4–44V             | 220~240 V <sub>ac</sub> | 88 %       | 97 x 43 x 22.5mm | 87500448  |
| LC 20W 500mA fixC SC ADV                                                                           | 500mA          | 20W          | 21.4–44V             | 220~240 V <sub>ac</sub> | 88 %       | 97 x 43 x 22.5mm | 87500449  |
| ACU SC 43x22.5mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing) |                |              |                      |                         |            | 30 x 43 x 22.5mm | 28001534  |
| LC 25W 600mA fixC SC ADV                                                                           | 600mA          | 25W          | 21.4–44V             | 220~240 V <sub>ac</sub> | 88 %       | 97 x 43 x 30mm   | 87500341  |
| LC 30W 700mA fixC SC ADV                                                                           | 700mA          | 30W          | 21.4–44V             | 220~240 V <sub>ac</sub> | 88 %       | 97 x 43 x 30mm   | 87500342  |
| LC 35W 700mA fixC SC ADV                                                                           | 700mA          | 35W          | 26–52V               | 220~240 V <sub>ac</sub> | 89 %       | 97 x 43 x 30mm   | 87500450  |
| LC 35W 800mA fixC SC ADV                                                                           | 800mA          | 35W          | 25–45V               | 220~240 V <sub>ac</sub> | 89 %       | 97 x 43 x 30mm   | 87500343  |
| LC 40W 900mA fixC SC ADV                                                                           | 900mA          | 40W          | 25–45V               | 220~240 V <sub>ac</sub> | 89 %       | 97 x 43 x 30mm   | 87500344  |
| LC 47W 1050mA fixC SC ADV                                                                          | 1,050mA        | 47W          | 25–45V               | 220~240 V <sub>ac</sub> | 89 %       | 130 x 43 x 30mm  | 87500451  |
| LC 60W 1050mA fixC SC ADV                                                                          | 1,050mA        | 47W          | 31–57V               | 220~240 V <sub>ac</sub> | 89 %       | 130 x 43 x 30mm  | 87500452  |
| ACU SC 43x30mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing)   |                |              |                      |                         |            | 30 x 43 x 30mm   | 28001168  |
| ACU SC 15x43x30mm CLIP-ON SR (Optional clip-on strain relief set for Stretched Compact housing)    |                |              |                      |                         |            | 15 x 43 x 30mm   | 28001574  |

Further details can be found in datasheet.

## TALEXdriver ADVANCED | Independent

|                       | Output current | Output power | Output voltage range | Input voltage          | Efficiency | Size                | Order No. |
|-----------------------|----------------|--------------|----------------------|------------------------|------------|---------------------|-----------|
| LCI 10W 350mA TEC SR  | 350mA          | 10W          | 13–29V               | 220~240V <sub>ac</sub> | 83 %       | 101.5 x 51 x 29.5mm | 87500240  |
| LCI 10W 500mA TEC SR  | 500mA          | 10W          | 9–20V                | 220~240V <sub>ac</sub> | 82 %       | 101.5 x 51 x 29.5mm | 87500242  |
| LCI 10W 700mA TEC SR  | 700mA          | 10W          | 6.5–14.5V            | 220~240V <sub>ac</sub> | 81 %       | 101.5 x 51 x 29.5mm | 87500244  |
| LCI 20W 350mA TEC SR  | 350mA          | 20W          | 26–57V               | 220~240V <sub>ac</sub> | 86 %       | 101.5 x 51 x 29.5mm | 87500187  |
| LCI 20W 500mA TEC SR  | 500mA          | 20W          | 18–40V               | 220~240V <sub>ac</sub> | 86 %       | 101.5 x 51 x 29.5mm | 87500189  |
| LCI 20W 700mA TEC SR  | 700mA          | 20W          | 13–29V               | 220~240V <sub>ac</sub> | 85 %       | 101.5 x 51 x 29.5mm | 87500191  |
| LCI 35W 350mA TEC SR  | 350mA          | 35W          | 50–100V              | 220~240V <sub>ac</sub> | 90 %       | 159.4 x 82 x 34mm   | 87500193  |
| LCI 35W 500mA TEC SR  | 500mA          | 35W          | 35–70V               | 220~240V <sub>ac</sub> | 90 %       | 159.4 x 82 x 34mm   | 87500195  |
| LCI 35W 700mA TEC SR  | 700mA          | 35W          | 25–50V               | 220~240V <sub>ac</sub> | 89.5 %     | 159.4 x 82 x 34mm   | 87500197  |
| LCI 35W 1050mA TEC SR | 1,050mA        | 35W          | 16.5–33.5V           | 220~240V <sub>ac</sub> | 88 %       | 159.4 x 82 x 34mm   | 87500199  |
| LCI 42W 900mA TEC SR  | 900mA          | 42W          | 23–47V               | 220~240V <sub>ac</sub> | 90 %       | 159.4 x 82 x 34mm   | 87500246  |
| LCI 42W 1050mA TEC SR | 1,050mA        | 42W          | 20–40V               | 220~240V <sub>ac</sub> | 90 %       | 159.4 x 82 x 34mm   | 87500248  |
| LCI 60W 700mA TEC SR  | 700mA          | 60W          | 46.5–85.5V           | 220~240V <sub>ac</sub> | 91.5 %     | 159.4 x 82 x 34mm   | 87500201  |
| LCI 60W 1050mA TEC SR | 1,050mA        | 60W          | 31–57V               | 220~240V <sub>ac</sub> | 90.5 %     | 159.4 x 82 x 34mm   | 87500203  |
| LCI 65W 1400mA TEC SR | 1,400mA        | 65W          | 23–46.5V             | 220~240V <sub>ac</sub> | 90 %       | 159.4 x 82 x 34mm   | 87500205  |
| LCI 65W 1750mA TEC SR | 1,750mA        | 65W          | 18.5–37V             | 220~240V <sub>ac</sub> | 90 %       | 159.4 x 82 x 34mm   | 87500207  |

Further details can be found in datasheet.

## TALEXdriver ADVANCED | Built-in

NEW



|                         | Output current | Output power | Output voltage range | Input voltage           | Efficiency | Size               | Order No. |
|-------------------------|----------------|--------------|----------------------|-------------------------|------------|--------------------|-----------|
| LC 25W 600mA fixC C ADV | 600mA          | 25W          | 21.4–44V             | 220~240 V <sub>ac</sub> | 88 %       | 103 x 67 x 29.7 mm | 87500345  |
| LC 30W 700mA fixC C ADV | 700mA          | 30W          | 21.4–44V             | 220~240 V <sub>ac</sub> | 88 %       | 103 x 67 x 29.7 mm | 87500346  |
| LC 35W 800mA fixC C ADV | 800mA          | 35W          | 25–45V               | 220~240 V <sub>ac</sub> | 89 %       | 103 x 67 x 29.7 mm | 87500347  |
| LC 40W 900mA fixC C ADV | 900mA          | 40W          | 25–45V               | 220~240 V <sub>ac</sub> | 89 %       | 103 x 67 x 29.7 mm | 87500348  |

Further details can be found in datasheet.

## TALEXdriver ADVANCED | Built-in



|                      | Output current | Output power | Output voltage range | Input voltage           | Efficiency | Size               | Order No.                    |
|----------------------|----------------|--------------|----------------------|-------------------------|------------|--------------------|------------------------------|
| LCI 10W 350mA TEC C  | 350mA          | 10W          | 13–29V               | 220~240V <sub>ac</sub>  | 83 %       | 80 x 40 x 21 mm    | 87500239                     |
| LCI 10W 500mA TEC C  | 500mA          | 10W          | 9–20V                | 220~240V <sub>ac</sub>  | 81 %       | 80 x 40 x 21 mm    | 87500241                     |
| LCI 10W 700mA TEC C  | 700mA          | 10W          | 6.5–14.5V            | 220~240V <sub>ac</sub>  | 80 %       | 80 x 40 x 21 mm    | 87500243                     |
| LCI 20W 350mA TEC C  | 350mA          | 20W          | 26–57V               | 220~240V <sub>ac</sub>  | 86 %       | 93 x 58 x 26.2 mm  | 87500079<br>Last Order 04/16 |
| LCI 20W 500mA TEC C  | 500mA          | 20W          | 18–40V               | 220~240V <sub>ac</sub>  | 86 %       | 93 x 58 x 26.2 mm  | 87500188<br>Last Order 04/16 |
| LCI 20W 700mA TEC C  | 700mA          | 20W          | 13–29V               | 220~240V <sub>ac</sub>  | 85 %       | 93 x 58 x 26.2 mm  | 87500190                     |
| LCI 35W 350mA TEC C  | 350mA          | 35W          | 50–100V              | 220~240V <sub>ac</sub>  | 90 %       | 103 x 67 x 29.7 mm | 87500192                     |
| LCI 35W 500mA TEC C  | 500mA          | 35W          | 35–70V               | 220~240V <sub>ac</sub>  | 90 %       | 103 x 67 x 29.7 mm | 87500194                     |
| LCI 35W 700mA TEC C  | 700 mA         | 35 W         | 25–50V               | 220~240 V <sub>ac</sub> | 89.5 %     | 103 x 67 x 29.7 mm | 87500196<br>Last Order 03/16 |
| LCI 35W 1050mA TEC C | 1,050mA        | 35W          | 16.5–33.5V           | 220~240V <sub>ac</sub>  | 88 %       | 103 x 67 x 29.7 mm | 87500198                     |
| LCI 42W 900mA TEC C  | 900mA          | 42W          | 23–47V               | 220~240V <sub>ac</sub>  | 90 %       | 103 x 67 x 29.7 mm | 87500245<br>Last Order 12/15 |
| LCI 42W 1050mA TEC C | 1,050mA        | 42W          | 20–40V               | 220~240V <sub>ac</sub>  | 90 %       | 103 x 67 x 29.7 mm | 87500247<br>Last Order 04/16 |
| LCI 60W 700mA TEC C  | 700mA          | 60W          | 46.5–85.5V           | 220~240V <sub>ac</sub>  | 91.5 %     | 123 x 75 x 29.7 mm | 87500200                     |
| LCI 60W 1050mA TEC C | 1,050mA        | 60W          | 31–57V               | 220~240V <sub>ac</sub>  | 90.5 %     | 123 x 75 x 29.7 mm | 87500202<br>Last Order 04/16 |
| LCI 65W 1400mA TEC C | 1,400mA        | 65W          | 23–46.5V             | 220~240V <sub>ac</sub>  | 90 %       | 123 x 75 x 29.7 mm | 87500204                     |
| LCI 65W 1750mA TEC C | 1,750mA        | 65W          | 18.5–37V             | 220~240V <sub>ac</sub>  | 90 %       | 123 x 75 x 29.7 mm | 87500206                     |

Further details can be found in datasheet.

## TALEXdriver ADVANCED | Built-in robust



|                       | Output current | Output power | Output voltage range | Input voltage          | Efficiency | Size                | Order No. |
|-----------------------|----------------|--------------|----------------------|------------------------|------------|---------------------|-----------|
| LCI 100W 1400mA TEC C | 1,400 mA       | 100W         | 35.5–71.5V           | 220~240V <sub>ac</sub> | 94 %       | 140 x 100 x 28.3 mm | 87500267  |
| LCI 100W 1750mA TEC C | 1,750 mA       | 100W         | 28.5–58V             | 220~240V <sub>ac</sub> | 93.5 %     | 140 x 100 x 28.3 mm | 87500268  |
| LCI 100W 2100mA TEC C | 2,100 mA       | 100W         | 23.5–47.5V           | 220~240V <sub>ac</sub> | 93.5 %     | 140 x 100 x 28.3 mm | 87500269  |
| LCI 150W 1750mA TEC C | 1,750 mA       | 150W         | 43–86V               | 220~240V <sub>ac</sub> | 94.5 %     | 140 x 100 x 28.3 mm | 87500270  |
| LCI 150W 2100mA TEC C | 2,100 mA       | 150W         | 35.5–71.5V           | 220~240V <sub>ac</sub> | 94 %       | 140 x 100 x 28.3 mm | 87500271  |
| LCI 150W 2450mA TEC C | 2,450 mA       | 150W         | 30.5–61V             | 220~240V <sub>ac</sub> | 93.5 %     | 140 x 100 x 28.3 mm | 87500272  |

Further details can be found in datasheet.

## TALEXdriver ADVANCED | Linear Low Profile

|  | Output current | Output power | Output voltage range | Input voltage          | Efficiency | Size             | Order No. |
|-----------------------------------------------------------------------------------|----------------|--------------|----------------------|------------------------|------------|------------------|-----------|
| LCI 10W 350mA TEC Ip                                                              | 350mA          | 10W          | 13–29V               | 220–240V <sub>ac</sub> | 83 %       | 145 x 22 x 21 mm | 87500219  |
| LCI 20W 350mA TEC Ip                                                              | 350mA          | 20W          | 26–57V               | 220–240V <sub>ac</sub> | 88 %       | 230 x 30 x 21 mm | 87500220  |
| LCI 20W 500mA TEC Ip                                                              | 500mA          | 20W          | 18–40V               | 220–240V <sub>ac</sub> | 88 %       | 230 x 30 x 21 mm | 87500221  |
| LCI 20W 700mA TEC Ip                                                              | 700mA          | 20W          | 13–29V               | 220–240V <sub>ac</sub> | 86 %       | 230 x 30 x 21 mm | 87500222  |
| LCI 35W 500mA TEC Ip                                                              | 500mA          | 35W          | 35–70V               | 220–240V <sub>ac</sub> | 90 %       | 280 x 30 x 21 mm | 87500224  |
| LCI 35W 700mA TEC Ip                                                              | 700mA          | 35W          | 25–50V               | 220–240V <sub>ac</sub> | 88.5 %     | 280 x 30 x 21 mm | 87500225  |
| LCI 35W 1050mA TEC Ip                                                             | 1,050mA        | 35W          | 16.5–33.5V           | 220–240V <sub>ac</sub> | 87.5 %     | 280 x 30 x 21 mm | 87500226  |
| LCI 60W 700mA TEC Ip                                                              | 700mA          | 60W          | 46.5–85.5V           | 220–240V <sub>ac</sub> | 91.5 %     | 360 x 30 x 21 mm | 87500227  |
| LCI 60W 1050mA TEC Ip                                                             | 1,050mA        | 60W          | 31–57V               | 220–240V <sub>ac</sub> | 90.5 %     | 360 x 30 x 21 mm | 87500228  |
| LCI 65W 1400mA TEC Ip                                                             | 1,400mA        | 65W          | 23–46.5V             | 220–240V <sub>ac</sub> | 90 %       | 360 x 30 x 21 mm | 87500229  |
| LCI 65W 1750mA TEC Ip                                                             | 1,750mA        | 65W          | 18.5–37V             | 220–240V <sub>ac</sub> | 89.5 %     | 360 x 30 x 21 mm | 87500230  |

Further details can be found in datasheet.

## TALEXdriver ADVANCED LCI TEC | Linear Low Profile

|  | Output current | Output power | Output voltage range | Input voltage           | Efficiency | Size             | Order No. |
|------------------------------------------------------------------------------------|----------------|--------------|----------------------|-------------------------|------------|------------------|-----------|
| LCI 35W 250mA TEC Ip                                                               | 250mA          | 35W          | 47–140V              | 220–240V <sub>ac</sub>  | 90 %       | 280 x 30 x 21 mm | 87500322  |
| LCI 35W 300mA TEC Ip                                                               | 300mA          | 35W          | 47–117V              | 220–240V <sub>ac</sub>  | 89 %       | 280 x 30 x 21 mm | 87500323  |
| LCI 35W 350mA TEC Ip                                                               | 350mA          | 35W          | 45–100V              | 220–240V <sub>ac</sub>  | 89 %       | 280 x 30 x 21 mm | 87500324  |
| LCI 65W 250mA TEC Ip                                                               | 250 mA         | 65W          | 112–250V             | 220–240 V <sub>ac</sub> | 93 %       | 280 x 30 x 21 mm | 87500325  |
| LCI 65W 300mA TEC Ip                                                               | 300 mA         | 65W          | 97–217V              | 220–240 V <sub>ac</sub> | 92 %       | 280 x 30 x 21 mm | 87500326  |
| LCI 65W 350mA TEC Ip                                                               | 350 mA         | 65W          | 83–186V              | 220–240 V <sub>ac</sub> | 92 %       | 280 x 30 x 21 mm | 87500327  |

Further details can be found in datasheet.

## ▼ At a glance: ADVANCED LCI TEC | Linear Low Profile

- \_\_\_ Improved output current tolerance  $\pm 5\%$
- \_\_\_ Low output current ripple  $\pm 15\%$
- \_\_\_ Perfect fit for TALEXmodules LLE G3 and ESSENCE

## Support and advice from a single source

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.



TALEXengine DLE



TALEXengine CLE



TALEXengine CLE Integrated



TALEXengine LLE-FLEX



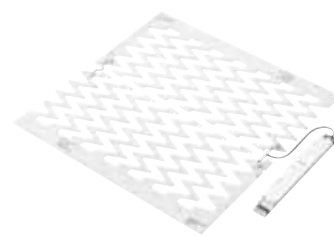
TALEXengine SLE



TALEXengine FLE



TALEXengine LLE



TALEXengine QLE

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



### Headquarters

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Light you want to follow.

