

TALEX LED

TALEXdriver PREMIUM



Spotlights



Downlights



Linear



Wide Area



Floor | Wall



Free Standing



Decorative



High Bay

Future-proof and reliable

TALEXdriver PREMIUM is a future-proof generation of LED Drivers characterised by highly advanced functionality and outstanding dimming behaviour. Operating windows optimised for the intended applications ensure efficient operation of a wide range of LED modules, even across generations.

TALEXdriver PREMIUM units are also the first LED Driver generation to feature ready2mains, the pioneering programmable mains interface.

Positioning in the Tridonic portfolio

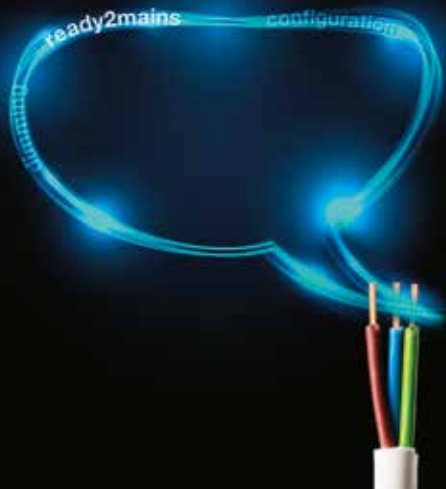


▼ At a glance: TALEXdriver PREMIUM

- ___ Constant-current LED Driver with application-oriented operating windows
- ___ one4all interface supports DALI, DSI, switchDIM and corridorFUNCTION
- ___ Superior dimming performance with stepless amplitude dimming from 100 % to 1 %
- ___ Power range 10–100W
- ___ High efficiency of up to > 93 %
- ___ Unmatched standby losses of < 0.15W
- ___ New ready2mains technology permits configuration and dimming via the mains
- ___ New I-Select 2 interface for setting the current on the primary side
- ___ Large number of designs including the new Stretched Compact housing with attachable cable clamp

Overview of casing types





ready2mains tells the current how to communicate
Simple connection, secure configuration

ready2mains uses the mains cable to transmit information: easily, reliably and professionally.

Luminaires are controlled and dimmed directly via the mains, with no need for any additional wiring. Manufacturers can configure their luminaires with ready2mains, saving time and enhancing flexibility. ready2mains reduces production costs and installation costs and also reduces possible sources of error.

ready2mains



Dimming via the mains

The professional dimming solution via the mains

- ___ Professional way to dim via the mains
- ___ Easy refurbishment of non-dimmable installations
- ___ No rewiring within the ceilings required
- ___ Existing mains wiring is used for communication
- ___ Allows cost-effective solutions



System solution for dimming

ready2mains gateway + TALEXdriver



Configuration via the mains

The smart way to configure your luminaires

- ___ Easy configuration of LED luminaires – even for fixed-output types
- ___ No need for an additional communication interface as the existing mains interface is used
- ___ Reduces the risk of failure by offering user-defined configuration scripts
- ___ Simple integration in existing test setups

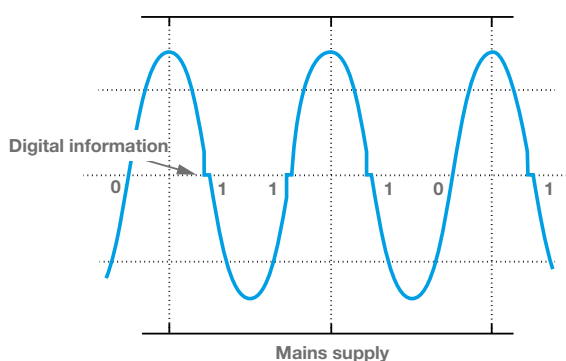


System solution for configuration

ready2mains programmer + TALEXdriver

That's how your current communicates

ready2mains uses phase-cuts to send digital commands via the mains wiring.



For further information please visit:
www.tridonic.com/ready2mains

TALEXdriver PREMIUM | Built-in

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 10W 150-400mA one4all C PRE	150–400	15–40	10	yes	220~240	105 x 70 x 22	28000663
LCA 17W 250-700mA one4all C PRE	250–700	15–50	17	yes	220~240	105 x 70 x 22	28000664
LCA 25W 350-1050mA one4all C PRE	350–1,050	20–50	25	yes	220~240	120 x 70 x 22	28000665
LCA 45W 500-1400mA one4all C PRE	500–1,400	25–50	45	yes	220~240	120 x 70 x 22	28000666

TALEXdriver PREMIUM | Independent

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 10W 150-400mA one4all SR PRE	150–400	15–40	10	yes	220~240	200 x 70 x 31	28000669
LCA 17W 250-700mA one4all SR PRE	250–700	15–50	17	yes	220~240	200 x 70 x 31	28000670
LCA 25W 350-1050mA one4all SR PRE	350–1,050	20–50	25	yes	220~240	200 x 70 x 31	28000671
LCA 45W 500-1400mA one4all SR PRE	500–1,400	25–50	45	yes	220~240	215 x 70 x 31	28000672

TALEXdriver PREMIUM | Stretched Compact

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 10W 150-400mA one4all SC PRE	150–400	15–40	10	yes	220~240	130 x 43 x 30	28000673
LCA 17W 250-700mA one4all SC PRE	250–700	15–50	17	yes	220~240	130 x 43 x 30	28000674
LCA 25W 350-1050mA one4all SC PRE	350–1,050	20–50	25	yes	220~240	130 x 43 x 30	28000675
LCA 45W 500-1400mA one4all SC PRE	500–1,400	25–50	45	yes	220~240	150 x 43 x 30	28000676
ACU SC 43x30mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing)						30 x 43 x 30	28001168
ACU SC 15x43x30mm CLIP-ON SR (Optional clip-on strain relief set for Stretched Compact housing)						15 x 43 x 30	28001574

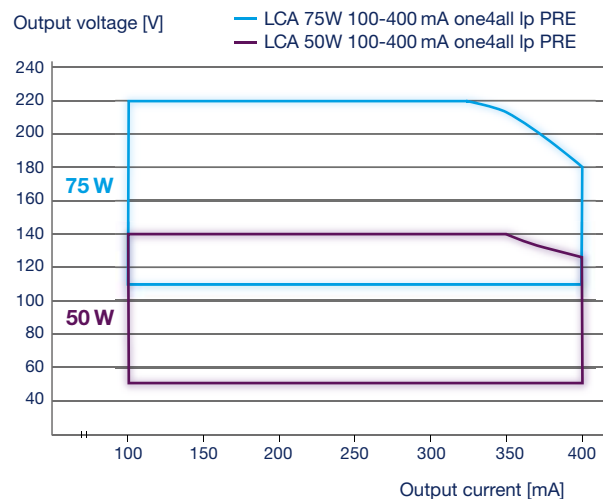
TALEXdriver PREMIUM | Linear Low Profile

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 50W 100-400mA one4all lp PRE	100–400	50–140	50	no	220~240	280 x 30 x 21	28000655
LCA 50W 350-1050mA one4all lp PRE	350–1,050	20–50	50	yes	220~240	360 x 30 x 21	28000656
LCA 75W 100-400mA one4all lp PRE	100–400	110–220	75	no	220~240	280 x 30 x 21	28000657
LCA 75W 250-550mA one4all lp PRE	250–550	80–150	75	no	220~240	280 x 30 x 21	28001250
LCA 75W 350-1050mA one4all lp PRE	350–1,050	40–110	75	no	220~240	360 x 30 x 21	28000659
LCA 75W 900-1800mA one4all lp PRE	900–1,800	20–50	75	yes	220~240	360 x 30 x 21	28000660
LCA 100W 250-700mA one4all lp PRE	250–700	80–220	100	no	220~240	360 x 30 x 21	28000661

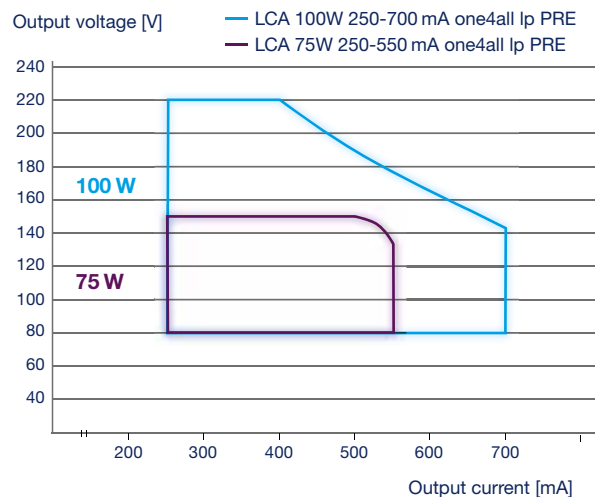
Operating window TALEXdriver PREMIUM

The output current can be adjusted via DALI, ready2mains or an I-Select 2 resistor. The diagrams below show the forward voltage ranges as a function of the output current and are intended as a guide. For detailed values and an explanation of the methods available please refer to the data sheets.

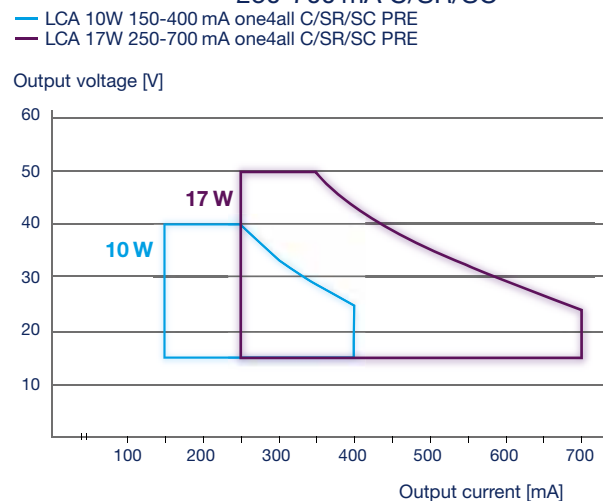
Operating window 100-400 mA Ip



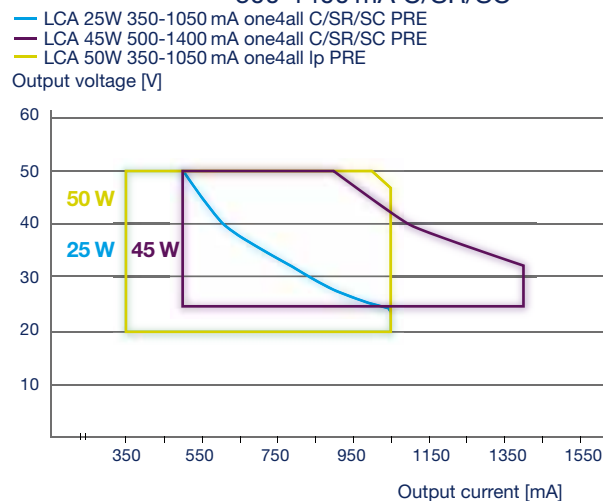
Operating window 250-700 mA Ip



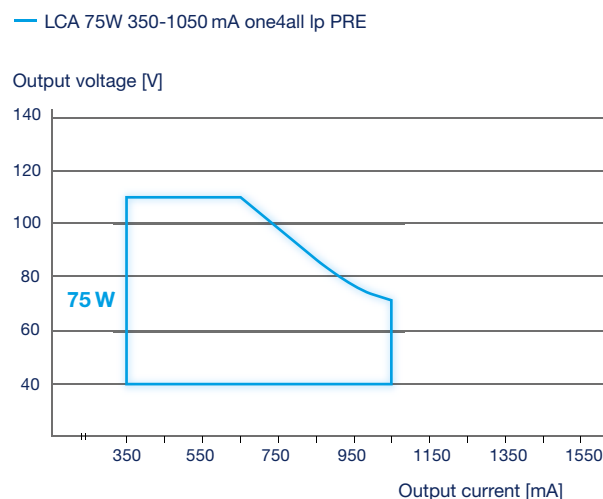
Operating window 150-400 mA C/SR/SC 250-700 mA C/SR/SC



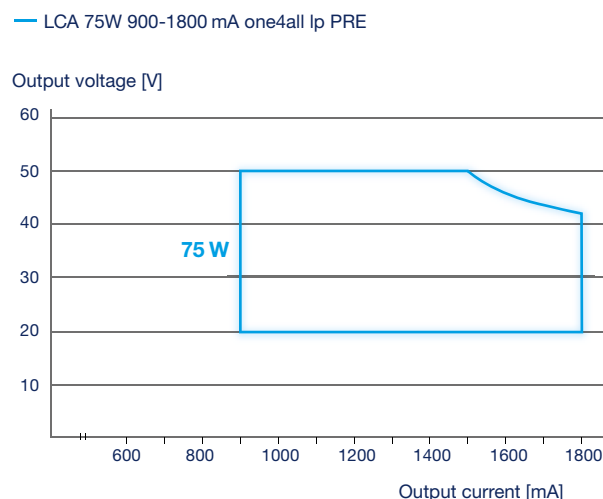
Operating window 350-1050 mA C/SR/SC/Ip 500-1400 mA C/SR/SC



Operating window 350-1050 mA Ip



Operating window 900-1800 mA Ip



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



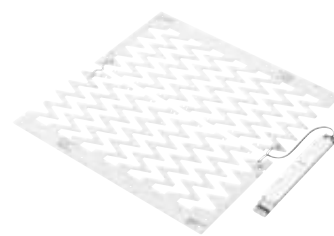
TALEXengine SLE



TALEXengine FLE



TALEXengine LLE



TALEXengine QLE

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



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Light you want to follow.

