

**Driver LC 32W 800mA fixC R ADV**

advanced round series

**Product description**

- \_ Fixed output built-in LED Driver
- \_ Constant current LED Driver
- \_ For luminaires of protection class II
- \_ Output current 800 mA
- \_ For ambient temperatures up to 60 °C
- \_ Nominal life-time up to 50,000 h (at ta 50 °C)
- \_ 5-year guarantee

**Housing properties**

- \_ Casing: polycarbonate, white
- \_ Type of protection IP20

**Functions**

- \_ Over voltage protection
- \_ Short-circuit protection
- \_ No-load protection

**Typical applications**

- \_ For track light, wall light and other pendent application

**Website**

<http://www.tridonic.com/28002407>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

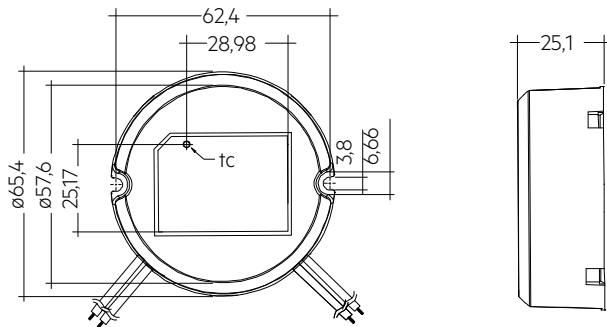


High bay

## Driver LC 32W 800mA fixC R ADV

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



## Ordering data

Type	Article number	Packaging, carton	Packaging, low volume	Weight per pc.
LC 32/800/40 fixC R ADV	28002407	100 pc(s).	1,800 pc(s).	0.125 kg

## Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Mains frequency	50 / 60 Hz
Typ. input current (at 230 V, 0 Hz, full load)	0.165 A
THD (at 230 V, 50 Hz, full load)	< 9 %
Output current tolerance <sup>①</sup>	± 5 %
Typical output LF current ripple at full load <sup>②</sup>	± 5 %
Starting time (at 230 V, 50 Hz, full load)	≤ 0.5 s
Turn off time (at 230 V, 50 Hz, full load)	≤ 0.5 s
Ambient temperature <i>t</i> <sub>a</sub>	-20 ... +60 °C
Ambient temperature <i>t</i> <sub>a</sub> (at life-time 50,000 h)	50 °C
Storage temperature <i>t</i> <sub>s</sub>	-20 ... +70 °C
Mains surge capability (between L - N)	1 kV
Life-time	up to 50,000 h
Dimensions Ø x H	Ø 65 x 25 mm

## Approval marks



## Standards

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

## Specific technical data

Type	Output current <sup>①</sup>	Max. input current	Typ. power consumption <i>n</i> (at 230 V, 50 Hz, full load)	Max. input power	Output power range	$\lambda$ at full load <sup>③</sup>	Efficiency at full load <sup>④</sup>	$\lambda$ at min. load <sup>④</sup>	Efficiency at min. load <sup>④</sup>	Min. forward voltage	Max. forward voltage	Max. output voltage (U-OUT)	Max. peak output current at full load <sup>④</sup>	Max. casing temperature <i>t</i> <sub>c</sub>
LC 32/800/40 fixC R ADV	800 mA	0.3 A	37 W	39 W	17 – 32 W	0.97	87 %	0.9C	82 %	21 V	40 V	52 V	880 mA	100 °C

① Output current is mean value.

② Typical value at full load, depend on load's V-I character.

③ Test result at 230 V, 50 Hz.

④ The trend between min. and full load is linear and depend on load's V-I character.