



# LED outdoor applications

## Philips Xitanium LED driver Gen-2 30 W designed for a wide variety of outdoor lighting applications

Philips LED outdoor 30 W driver is designed for the market's wide variety of outdoor lighting applications, such as spot light, wall application, lantern type, recessed spot...

LED driver outdoor 30 W is a dedicated driver to deliver power to 6 ~ 12 white Rebel LEDs from Philips Lumileds, suitable for nominal 220 V to 240 V, 50 Hz and 60 Hz mains supply.

### Application

The driver is to be mounted inside luminaires for outdoor use and class II applications. The output can be connected to 6 ~ 12 white LEDs. The converter converts AC mains to constant current output by an AC/DC transition. Users can connect a trailing edge dimmer at input side to dim LEDs' light output.

### Safety

The output side is SELV (safety extra low voltage).

### Driver characteristics

- High humidity (95%) resistant.
- High power factor, low THD.
- Short circuit and open circuit protection.
- Wide operation temperature performance (-20 °C to +50 °C).

### Design highlight

Compact and thin design of the driver meets the fixture design of LED applications, so that the final fixture shape can be very unique from others.

- 28mm only on the height as an outdoor 30W driver High humidity resistant.
- Can work in high humidity (up to 95%) environment.

### Compliance and approvals

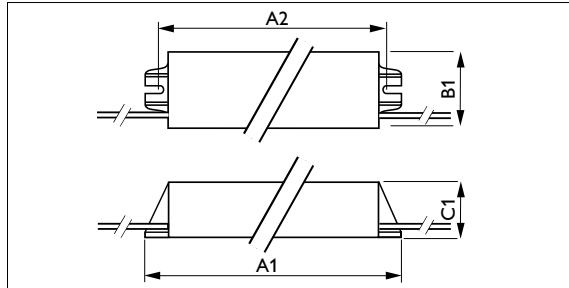
- RoHs (EU directive 2002/95/EC).
- Safety & EMC compliant (fulfilled all lighting standards).
- Suitable for class II applications.

# PHILIPS

sense and simplicity

## Product Specifications

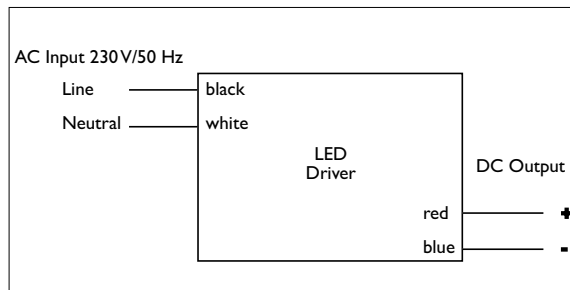
Description of LED driver	Input			Output			Case Temp
	Rated Voltage [V] ( $\pm 10\%$ )	Max Current [A]	Max Power [W]	Max Power [W]	Rated Current [mA]	Max Voltage [V]	Max
LD 30W 700mA(O)	220-240	0.17	40	30	700	18-42	80 °C



Dimensions Philips LED Xitanium driver 30 W.

## Dimensions in mm

A1	A2	B1	C1
150.0	138.5	41.5	28.0



Wiring diagram of the 30 W Xitanium LED driver.

## Ordering info

Type	Carton packaging	Remark	12NC Order number	European Order Code (EOC)
LD 30W 700mA(O)	20	English	913713220562	8710163 064185 30



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