

ArcLed 4312WX

wireless LED color changer



CREATIVE TECHNOLOGY



PROLIGHTS[®]
PROFESSIONAL LIGHTS

ArcLed 4312WX is the first LED luminaire in the Prolights range conceived for completely-wireless operations. It is powered by an internal battery capable of running for over 12 consecutive hours, rechargeable by placing the luminaires in their road-case or by independent single-unit chargers.

ArcLed4312WX can be placed anywhere with quick and easy installation to have it ready for usage. Pre-set color chases are built-in for stand-alone operation with no external control. For a more complete control standard DMX ports are available as well as a pre-installed Wireless Solution W-DMX receiver, avoiding the use of any unsightly cables.



Completely wireless control, built-in W-DMX receiver with 2.4GHz antenna by Wireless Solution Sweden.



Full-featured LED display user interface for control and configuration of DMX address, execution of preset chases, selection of static colors, creation of custom shows, calibration of color presets.



TAKE LIGHT EVERYWHERE.

Need to lighten up the most unreachable spots in seconds? ArcLed 4312WX makes this possible now.

Full-Color LED Technology, battery power-supply and wireless control, no cables attached... It requires your creativity only!

CORPORATE EVENTS • PRODUCTIONS • FASHION SHOWS • TRADE SHOWS • UPSCALE WEDDING PARTIES • BALLROOMS • CONVENTION CENTERS GALAS • TENTED EVENTS • RETAIL • PRESTIGIOUS EVENTS • HIGH-END RESIDENCES • SHOOTING SETS • FACADES • GARDENS • ARCHAEOLOGICAL SITES • CHURCHES • MOTOR SALONS • SWIMMING POOLS • BRIDGES • CORPORATE EVENTS PRODUCTIONS • FASHION SHOWS • TRADE SHOWS UPSCALE WEDDING • PARTIES • BALLROOMS CONVENTION CENTERS • GALAS • TENTED

E Protection grade: IP44 (outdoor temporary usage)H-
END RESIDENCES • SHOOTING SETS • FACADES • GARDENS • ARCHAEOLOGICAL SITES • CHURCHES



Its simple elegant design combined with the sturdy mirror-finish steel helps ArcLed4312WX blending in any environment. A black steel casing is also available. ArcLed4312WX employs energy-saving LEDs, allowing more vivid colors and far less power consumption than traditional lightbulbs. Full-Color mixing system offers unlimited chromatic possibilities as well as absence of color shades on the edges of the projection.



ArcLed4312WX employs 12 x 3W Full-Color & hi-efficiency CREE LEDs. LEDs are arranged on two separate arrays, with independent control over each block, offering a wider chromatic flexibility.

Each array can be precisely angled with simple screw adjustments. As a result a single projector can lighten two different areas in the same or in two different color combinations.

A ratcheting foot hidden in the base can be extended to adjust the orientation up to 10° without compromising stability.

The mirror-finish steel helps blending ArcLed-4312WX also in any fancy and refined environment. An elegant black steel casing is also available (model name: ArcLed4312WXBK).



ArcLed4312WX is powered by an internal battery capable of running up to 20 hours in color-change mode and up to 12 hours in full-white light mode.

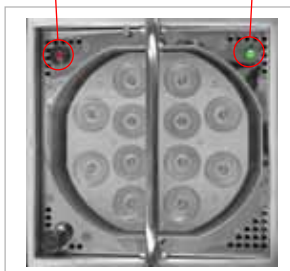
A roadcase, shaped to contain 6 units in foam-padded slots, allows comfortable transportation, safe storage and single recharging operations for 6 projectors at once, by connecting the roadcase to a power outlet through the Powercon socket wired into the case.

An external independent power supply is also available for individual recharging and prolonged usage over max battery running time.

A full recharge cycle is completed in 12 hours max.



Wireless DMX signal transmitter. Based on "Wireless Solution Sweden" technology, transmitting on 2.4GHz frequency. Model name: WT24DMX (optional).



A) LED indicators:
Green light: battery charge > 70%
Yellow light: battery charge > 20%
Red light: low battery charge
B) Stand-by switch



A compact external power supply is available for recharge and prolonged usage. A full recharge cycle is completed in 12 hours max. Model name: ARC4312DC (optional).



Six-at-once recharge is done by just placing the fixtures into the slots of their roadcase. A Powercon socket is wired into the case for connection to a power outlet. Model name: FCL4312E (optional).





Light source and optics

- 12 x 3W high-efficiency CREE Full Color LED
- Lumen: >800. Lux@2m: 333@5m
- Energy-saving LEDs employed, with more vivid colours and lower power consumption than traditional lamps
- Colour synthesis: Tricolor colour mixing (>16 million colours) for a limitless colour range
- White temperature presets: 3200K~10000K
- Installed optics: 16°
- Beam angle: 17°. Field angle: 32°
- LED blocks inclination: Independent screw stepless adjustment of LED blocks
- LEDs average life span: >50'000 h

Electronics and features

- Several DMX configurations selectable (3, 4, 5, 6, 12 channels) for advanced or basic controlling
- 3 channels: RGB
- 3 channels: HSV
- 4 channels: dimmer, RGB
- 5 channels: dimmer, RGB, strobe
- 6 channels: Block1 (RGB), Block2 (RGB)
- 12 channels: dimmer, BLOCK1 (RGB), BLOCK2 (RGB), macro, strobe, auto, auto speed, dimmer curve regulation
- WDMX: Antenna receiver (2.4 Ghz) by Wireless Solution Sweden
- LCD display user interface for auto programs execution, static colour mode, creation of custom shows
- 5 different dimming curves available
- Master/Slave mode for stand-alone operations
- Linear and "stepless" transition between DMX values
- Flicker free operations (400Hz)
- Silent operations, due to natural cooling of the peculiar chassis and to absence of fans

Structure and Power supply

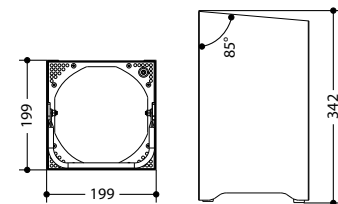
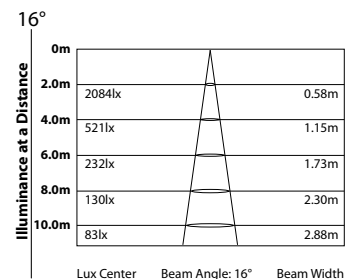
- Protection: IP44 (indoor/outdoor use)
- Frontal tempered glass panel
- Internal Protection: IP44 (indoor/outdoor)
- Battery: 12V, 24Ah lead-acid battery
- Battery autonomy: 20 hours (color change mode), 12 hours (permanent white light)
- Recharge operations: 6-units Road case with integrated battery charger or through external power supply
- Recharge time: max 12 hours.
- LED battery status indicator
- Load/Storage battery switch
- Dmx connections: XLR 3p Input/Output
- Ergonomic carrying handle
- Adjustable foot support for tilt regulation (max 10°)
- Power unit: 100-240V 50/60Hz
- Working temperature: -40/+45°
- Weight: 13,5 kg
- Dimensions (WxHxD): 199x342x199 mm

Models

- ARCLED4312WX** : steel body with mirror finish
- ARCLED4312WXBK**: steel body with black finish

ACCESSORIES (optional)

- FCL4312E** Roadcase for 6pcs ARCLED4312WX, with internal battery charger, Dim.770x565x485mm
- ARC4312DC** External battery charger for ARCLED4312WX
- WT24DMX** DMX Wireless transceiver, 2.4 GHz protocol "Wireless Solution Sweden".



Wireless



E³

Energy Efficiency Ecology

PROLIGHTS®
PROFESSIONAL LIGHTS

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