Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

WALCD-4X24LED-UV365

Battery-powered UV LED Paint Curing Cart - (4) 365nm UV Lights, 250aH AGM Battery - Adj. Arms

Product ID: 68945

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

WALCD-4X24LED-UV365 Ultraviolet LED Light Cart

Lamp Technology: UV LED
Lamp Qty: (4)
Dimensions: 56"-H 25"-W 19"-D
Weight: -
System Voltage: 12V DC
Total Watts: 480W
Single-lamp Watts: 120W
Intensity (Spot): 300 mW/cm² @12" per light
Intensity (Flood): 35 mW/cm² @ 12" per light
Luminous Efficacy: -
Lamp Life: 50,000+ Hours
UV Wavelength: 365 nm
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 35° Flood or 10° Spot
Lighting Configuration: Flood or Spot Pattern

Ratings/Approvals

RoHS Compliant
LEDs Driven At 80%
LED Chip Op Temp -40C to +125C
Lights IP68 Rated Waterproof to 3M

Optics Efficiency: 90%
Power Factor: -
Master Switch: On/Off per Light
Amps: -
Ambient Operating Temp Range: -40° C to +80°C
Housing Material: Aluminum
Housing Finish: Powder Coated Blue
Lens Material: Polycarbonate
Mounting: Cart w/ (4) 3' to 5' Adjustable Arms
Adjustable Arm/Light Adjustment Range: Vertical, Swivel and Rotate
Battery Charger: 120V AC
Battery Type: 250aH 12V 8D AGM

Special Orders - Special Requirements
Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA

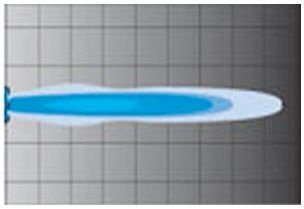
The WALCD-4X24LED-UV365 Battery-powered UV Paint Curing LED Cart from Larson Electronics facilitates and support paint curing in industrial sites. Equipped with four 120-watt UV LED lights on adjustable arms, this paint curing cart produces UV light in the 365nm range. The powder coated blue unit is powered by a 250aH AGM battery. All UV LED lights are IP67 rated for protection from water, dust and debris.

The WALCD-4X24LED-UV365 is an ultraviolet LED light cart for paint curing applications. This battery-powered unit consists of four 120-watt UV LED lights secured on adjustable arms. During use, each LED light produces a 365nm UV beam with a 300 mW/cm² intensity. Each LED lamp has twenty-four, 5-watt ultraviolet emitters arranged in rows and paired with high purity 35-degree optics to produce a wide beam spread for targeting large areas nearer the fixture. We also offer a 10-degree beam configuration to produce a tightly focused spot beam with limited spread or light spillage for more intense beam control. Operators may access on/off master switches for individual light control at the back of the cart.
Durability: The LEDLB-E series of LED light bars from Larson Electronics offer IP68 rated construction that is designed to withstand extremes of environmental and operating conditions. The LED lights with the 'E' part number designation are designed for extreme durability and are larger and heavier than the standard LEDLB series lights and are nearly twice as heavy as their standard counterparts. These units can withstand rapid temperature changes of -40 degrees Celsius to 85 degrees Celsius, are waterproof to three meters and resist ingress of dust, dirt and humidity. The housings are formed from thick extruded aluminum and the lenses are unbreakable polycarbonate. The Edixeon® LEDs offer inherent LED resistance to shocks and vibrations contributing to these units 15.6Grms rating of vibration tolerance. We recommend these LED lights for high stress - high vibratory conditions, high humidity climates, very cold areas and rough saltwater conditions. They are also well suited to environments where equipment is used in one temperature extreme and stored in another temperature extreme.

35° Flood Beam (Standard)



10° Spot Beam (Optional)



LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly

cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Battery: The WALCD-4X24LED-UV365 is powered by a 250aH 12V 8D AGM battery. An included 120V AC battery charger is available for recharging the battery using common 120V outlets.

Adjustable Arms: Each LED light can be adjusted independently to provide maximum coverage or maximum intensity. The arms swivel left and right, rotate in up and down positions, as well as can be adjusted vertically (up and down) from 3 feet to 5 feet. The light heads are fitted with trunnion u-bracket mounts, which allow operators to adjust the heads through 270 degrees of tilt.

We offer different arm types and lengths to meet specific project or job requirements (at an additional cost). We can also add more UV lights and batteries for a longer runtime, at an additional cost.

Aluminum Frame Cart: The heavy-duty aluminum cart is durable, lightweight and adjustable to any length between 4.5 feet and 7 feet. This cart has a powder coated blue coating for durability in rugged work environments. Larger and smaller carts are available at an additional cost.

Suggested Applications: Paint curing, industrial, packaging, automotive, warehouses, manufacturing and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

WALCD-4X24LED-UV365

Product ID: 68945

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

WALCD-4X24LED-UV365-Beam Config

Example: WALCD-4X24LED-UV365-F

Beam Config	
FLOOD	-F
SPOT	-S

Links (Click on the below items to view):

- **Military Specification Certificate 1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**