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Industrial LED Lighting

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ccea
technical lighting

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PATLITE® Industrial LED Lighting

Machine lights are fixtures used to illuminate manual machine tools and automated equipment. Industrial LED lighting must meet application-specific requirements such as operating under high temperature or pressure, strong vibration, or all these conditions combined. The lights must be robust and rugged enough to withstand harsh industrial environments.

Patlite industrial LED light bars provide bright lighting for work areas in commercial and industrial environments, with easy installation and long service life. Models are available in AC or DC voltage ranges, some with options for bracket or magnetic mount; IP69K rated models are suitable for food, beverage, or pharmaceutical applications.

CWK and CLK Series Aluminum LED Light Bars

Patlite CWK and CLK series LED lights feature long-life, ultra-bright, water- and oil-resistant LEDs designed exclusively for the machine tooling industry. Available in ratings up to IP69K, their environmentally resistant design and imperviousness to flying scrap metal and oils make them a perfect solution for heavy-duty applications.

- Unique lens design ensures optimal light distribution
- Daylight color, up to 1500lx illuminance (CWK series) and up to 2100x illuminance (CLK series)
- Compact design with high resistance to debris and fluids
- Meets IP66/67 standards and IP69K for CLK series
- 24 VDC power with models up to 25 Watts

- Constructed of tempered glass and aluminum
- Designed to operate in temperatures from -10 to +50°C [+14 to +122°F] (CWK series) and from -40 to +60°C [-40 to +140°F] (CLK series)
- Three lengths available – 200, 300, and 600mm [7.9, 11.8, and 23.6 inches
- CLK series can be daisy-chained using M12 connectors

CCEA Industrial LED Light Bars

CCEA industrial LED light bars provide bright lighting for practically any work areas in commercial and industrial environments, with easy installation and long service life. These light bars offer options for bracket, recessed, or magnetic mount.
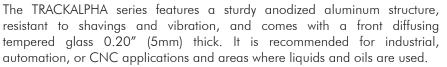
COMPACT ALPHA (CA) Series LED Light Bars

The CA series is designed for use in various work environments where space is very limited but requires high-performance and intense lighting. The compact construction combines state-of-the art LED technology with a sturdy, anodized aluminum casing highly resistant to liquids and machine tool debris.

- Anodized aluminum housing
- Outer diameter 1.57 in (40mm)
- 4 lengths available from 8.03 in (204mm) to 25.74 in (654mm)
- Operating temperature -20 to +45°C [-4 to +113°F]
- Wide light beam- 110°

- LED lifespan: (L 70) > 60,000 h
- Light color 5,000 K CRI 80
- Power supply 24 VDC
- 9.8 ft (3m) power cord
- Mount with included CAFX02 side-mounting brackets

TRACKALPHA (TA) Series LED Light Bars

The TRACKALPHA series features a sturdy anodized aluminum structure, resistant to shavings and vibration, and comes with a front diffusing tempered glass 0.20" (5mm) thick. It is recommended for industrial, automation, or CNC applications and areas where liquids and oils are used.

- Anodized aluminum structure
- Outer diameter 2.76 in (70mm)
- 5 lengths from 12.6 in (321mm) to 50.43 in (1281mm)
- IP67 protection rating
- Operating temperature -20 to +45°C [-4 to +113°F]

- Diffused light beam 120°
- LED lifespan: (L 70) > 60,000 hours
- Light color 5,000 K - CRI 80
- Power supply 24 VDC
- 9.8 ft (3m) power cord
- Attach with included TAFX03 side-mounting brackets

TRACKALPHA-PRO Series LED Light Bars

TRACKALPHA-PRO series LED light bars are state-of-the-art lighting equipment ideal for use with medium to large sized industrial machine tools and include models for wet environments. These LED lights are housed in anodized aluminum and have hardened glass to protect the bulb. Use the optional aluminum TACLIP kit to easily mount the unit by clamping to the rear of the light body.

- 24 VDC models available at up to 65 Watts
- 120 VAC models available at up to 46 Watts
- 3m (10ft) pigtail connection cable
- 5000K CRI 80 high power LED provides intense, uniform illumination
- Hardened front glass for impact resistance
- Up to 6,500 lumen versions (100 lumen/W)

- IP67 protection rating (120 VAC models available with IP69 protection rating)
- Includes bracket mount that allows angled adjustments
- Optional TACLIP mount provides sturdy, flexible and vibration resistant mount with -40° to 40° adjustments (sold separately)

Industrial LED Light Bars

HERIONOVA Cable

HERIONOVA Recessed

HERIONOVA Cable and Recessed (HN) Series LED Light Bars

HERIONOVA (HN) series LED light bars, available in cable and recessed mounting options, feature state-of-the-art LED technology, a vibration and debris-resistant anodized aluminum housing, and 0.16 (4mm) thick front tempered frosted glass. These rugged fixtures provide bright illumination for large CNC machines and other harsh industrial environments where oils and liquids are frequently present.

- Anodized aluminum structure
- Width of 3.94 in (100 mm)
- 4 lengths from 12.95 in (329mm) to 38.34 in (974mm)
- IP67 protection rating
- Operating temperature -20 to +45°C [-4 to +113°F]
- Diffused light beam 120°
- LED lifespan (L 70) > 60,000 h
- Light color 5,000 K - CRI 80

- Power supply 24 VDC
- 9.8 ft (3m) power cord
- Class III IEC
- Herionova Cable series mounts with included HNFX07 side-mounting brackets or optional HNFX02 rear swivel bracket
- Herionova Recessed series allows for a quick and simple installation with the anodized aluminum frame

SIRIO Q Series LED Light Bars

SIRIO Q series LED work light luminaires are rugged, industrial-grade light bars applicable for tractors, trucks, trailers, off-road vehicles, and earth-moving machines. Providing up to 1750 lumen output, they feature an aluminum head on a pan and tilt stainless-steel bracket, allowing precise light adjustment in any direction.

- Rugged anodized aluminum housing
- 12 to 24 VDC or 120 VAC operating voltage
- Available in 40° or 60° beam angles
- 5000 K CRI 80 high power Led provides intense, uniform illumination

- Reinforced front glass provides 1.00 N m/s impact resistance
- 10' cable connection
- IP67/69 protection rating