



# Industrial LED Lighting



CA0121S0602

## Compact Alpha Series

Designed for use in different work environments. A compact construction combining state-of-the-art LED technology with a sturdy, anodized aluminum casing highly resistant to liquids and machine tool debris. Suitable in any workplace where the space is very limited, but at the same time requires high performance and intense lighting.



TA0221S0403

## TRACKALPHA Series

Designed for universal use. Lighting system for industrial automation, medium and large CNC applications. Lamp with sturdy anodized aluminum structure resistant to shavings, vibrations, front diffusing tempered glass 0.20" (5mm) thick. Suitable in any workplace where there are liquids and oils.



TA0524S0203

## TRACKALPHA-PRO Series

Lighting system suitable for industrial automation, medium and large CNC applications. Lamp with sturdy anodized aluminum structure resistant to shavings, vibrations, clear tempered frosted glass 0.20" (5mm) thick. Suitable in any workplace where there are liquids and oils.

## Accessories



CAF02



TAF03



HNF07



HNF02



TACLIP



# Industrial LED Lighting

## VEGA Series



**VE0221S01**

The VEGA Series recessed LED light bar is an ideal solution for use in small spaces inside medium and large CNC machines, and allows mounting outside the machine's work area. The aluminum body with 0.16 in (4mm) thick printed glass comes with an IP67/IP69 protection rating and offers a high level of resistance to dust and liquids.

## Herionova Recessed Series



**HN0221S0303**

Used in large CNC machines or when brighter illumination in wet industrial environments is required. Also suitable for industrial applications such as automation processes and medium CNC machines. State-of-the art Light Emitting Diode (LED) technology inside a robust, anodized aluminum casing, resistant to vibrations and machining debris, front tempered frosted glass 0.16 in (4mm) thick. Particularly suitable in workplaces where oils and other liquids are in use.

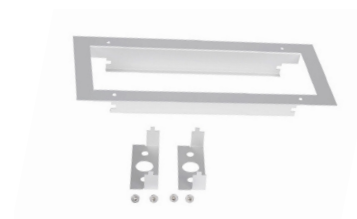
## Herionova Cable Series



**HN0221S0307**

Used for application in diverse working environments. Suitable for industrial applications, automation processes, medium and large CNC machines. State-of-the art Light Emitting Diode (LED) technology inside a robust, anodized aluminum casing, resistant to vibrations and machining debris, front tempered frosted glass 0.16 in (4mm) thick. Particularly suitable in workplaces where oils and other liquids are in use.

## Accessories



**HNFX03**



**HNFX04**



**HNFX05**



**HNFX06**



# LED Light Bars - Compact Alpha Series

## Features

- Housing made entirely of anodized aluminum
- Outer diameter 1.57 in (40mm) to be integrated into confined workspaces
- 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: (L70) > 60,000h
- Light color 5,000K CRI 80
- Power supply 24VDC
- 9.8 ft (3m) power cord
- Attach with included CAFX02 side-mounting brackets
- 4-year warranty



**CA0121S0602**



| LED Light Bars - Compact Alpha Series |          |                |                   |                           |                   |                      |                     |                            |
|---------------------------------------|----------|----------------|-------------------|---------------------------|-------------------|----------------------|---------------------|----------------------------|
| Part Number                           | Price    | Light Color    | Operating Voltage | Power Consumption (Watts) | Body Material     | Light Length in [mm] | Cable Length ft [m] | Drawing Link               |
| <a href="#"><u>CA0121S0602</u></a>    | \$109.00 | Daylight white | 24VDC             | 6                         | Anodized aluminum | 8.03 [204]           | 9.8 [3]             | <a href="#"><u>PDF</u></a> |
| <a href="#"><u>CA0221S0602</u></a>    | \$145.00 |                |                   | 12                        |                   | 13.94 [354]          |                     | <a href="#"><u>PDF</u></a> |
| <a href="#"><u>CA0321S0602</u></a>    | \$185.00 |                |                   | 18                        |                   | 19.84 [504]          |                     | <a href="#"><u>PDF</u></a> |
| <a href="#"><u>CA0421S0602</u></a>    | \$207.00 |                |                   | 24                        |                   | 25.74 [654]          |                     | <a href="#"><u>PDF</u></a> |

Mounting bracket included with each light bar.

| Replacement Bracket - Compact Alpha Series |         |                                                                                                         |                            |
|--------------------------------------------|---------|---------------------------------------------------------------------------------------------------------|----------------------------|
| Part Number                                | Price   | Description                                                                                             | Drawing Link               |
| <a href="#"><u>CAFX02</u></a>              | \$21.00 | CCEA side bracket, replacement, stainless steel. For use with CCEA Compact Alpha series LED light bars. | <a href="#"><u>PDF</u></a> |



**CAFX02**



# LED Light Bars - Compact Alpha Series Specifications

## Specifications

| LED Light Bars - Compact Alpha Series Technical Specifications |                                                                                       |                    |                    |                    |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|
| Part Number                                                    | <u>CA0121S0602</u>                                                                    | <u>CA0221S0602</u> | <u>CA0321S0602</u> | <u>CA0421S0602</u> |
| Luminous Color                                                 | Daylight white                                                                        |                    |                    |                    |
| Color Temperature                                              | 5000K                                                                                 |                    |                    |                    |
| Luminous Flux (lm)                                             | 600                                                                                   | 1,200              | 1,800              | 2,400              |
| Rated Voltage                                                  | 24VDC                                                                                 |                    |                    |                    |
| Operating Voltage Range                                        | 18-48 VDC                                                                             |                    |                    |                    |
| Rated Current Consumption                                      | 0.25 A @ 24VDC                                                                        | 0.50 A @ 24VDC     | 0.75 A @ 24VDC     | 1A @ 24VDC         |
| Rated Power Consumption (Watts)                                | 6                                                                                     | 12                 | 18                 | 24                 |
| Operating Ambient Temperature                                  | -20 to 45°C [-4 to 113°F]                                                             |                    |                    |                    |
| Operating Ambient Humidity                                     | Less than 90% (no condensation)                                                       |                    |                    |                    |
| Mounting Location                                              | Indoors                                                                               |                    |                    |                    |
| Mounting Direction                                             | All directions                                                                        |                    |                    |                    |
| Protection Rating                                              | IP67                                                                                  |                    |                    |                    |
| Insulation Resistance                                          | More than 5MΩ at 500VDC between the terminals and the chassis                         |                    |                    |                    |
| Withstanding Voltage                                           | 500VAC applied for 1 minute between terminals and chassis without breaking insulation |                    |                    |                    |
| Vibration Resistance                                           | 19.6 m/s <sup>2</sup> (30Hz, back and forth: 2h, right to left: 2h, up and down: 2h)  |                    |                    |                    |
| Weight (lb (kg))                                               | 1.15 (0.52)                                                                           | 1.65 (0.75)        | 2.10 (0.95)        | 2.70 (1.23)        |
| Agency Approvals *                                             | cURus in compliance with UL2108<br>CE                                                 |                    |                    |                    |

\*To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.