



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



CAFEX02



TAFX03



HNFEX07



HNFEX02



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



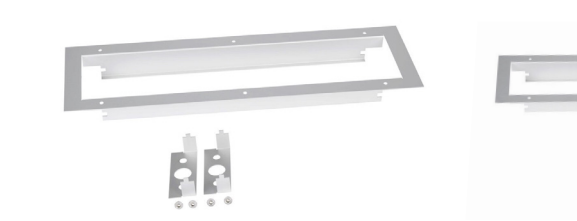
HN0221S0307

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 VEGA Series

Features

- Extra slim housing made of anodized aluminum
- Recessed mount light
- 3 lengths available from 13.62 in (346mm) to 27.80 in (706mm)
- Operating temperature -20 to 45°C [-4 to 113°F]
- Light beam angle 120°
- LED lifespan: (L 70) > 60,000h
- Light color 5,000K CRI 80
- Power supply 24VDC
- 9.8 ft (3m) power cord or M12 quick-disconnect models
- 4-year warranty



VE0221S01

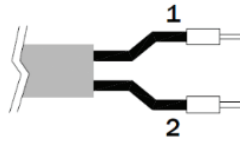
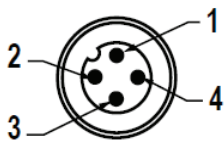


LED Light Bars VEGA Series Selection Chart

Part Number	Price	Light Color	Operating Voltage	Power Consumption (Watts)	Body Material	Light Length in [mm]	Cable Length	Drawing Link
VE0221S01	\$174.00	Daylight white	24 VDC	13	Anodized aluminum	13.62 [346]	9.8 ft [3m] Pigtail PVC A-coded	PDF
VE0321S01	\$209.00			19.5		18.34 [466]		PDF
VE0521S01	\$277.00			32.5		27.80 [706]		PDF
VE0221S02	\$180.00			13		13.62 [346]	4-pin M12 quick-disconnect *	PDF
VE0321S02	\$217.00			19.5		18.34 [466]		PDF
VE0521S02	\$287.00			32.5		27.80 [706]		PDF

* 4-pin female M12 cable is required, purchase separately.

Wiring Diagrams



4-PIN M12 Pin Out

PIN	Connection
1	DC + (24VDC)
2	Not connected
3	DC - (0VDC)
4	Not Connected

M12 Pin Out

Conductor	Connection
1 Black	DC + 24VDC
2 Black	DC - 0VDC

Note: Wire size 2 x 0.17 in² [0.75mm²]



LED Light Bars

VEGA Series Specifications

Specifications

LED Light Bars VEGA Series Technical Specifications						
Part Number	VE0221S01	VE0321S01	VE0521S01	VE0221S02	VE0321S02	VE0521S02
Luminous Color	Daylight white					
Color Temperature	5000K					
Luminous Flux (lm)	1300	1300	2000	2000	3300	3300
Rated Voltage	24 VDC					
Operating Voltage Range	21-36 VDC					
Rated Current Consumption	0.56 A @ 24VDC	0.85 A @ 24VDC	1.35 A @ 24VDC	0.56 A @ 24VDC	0.85 A @ 24VDC	1.35 A @ 24VDC
Device Power Protection	Full protection against reverse polarity					
Insulation Class	Class III (Selv)					
Efficiency Class	A/A+/A++/A+++ (Integrated LED module) compliant with UE Law No. 874/2012					
Operating Ambient Temperature	-20 to 45°C [4 to 113°F]					
Operating Ambient Humidity	Less than 90% (no condensation)					
Mounting Location	Indoors					
Mounting Direction	Any direction					
Mounting Screw Size	8/32 or M5					
Protection Rating	IP67 / IP69 Compatible NEMA Type 12			IP67 Compatible NEMA Type 12		
Impact Resistance	1.00 N m/s					
Vibration Resistance	19.6 m/s² (30Hz, back and forth: 2h, right to left: 2h, up and down: 2h)					
Weight lb [kg]	2.09 [0.95]	2.54 [1.15]	3.75 [1.70]	1.98 [0.90]	2.43 [1.10]	3.64 [1.65]
Agency Approvals *	cURus in compliance with UL1598, CE					

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