

CLK

LED Light Bar



(M12 type is UL Recognized)
(SG/SA type has no UL certifications)

Daylight
Natural White



IP66G/67G/69K

M-12 Daisylink

(Cable not included)

Water, Oil and Chemical Resistant LED Light Bar with an Illuminance of 2,100lx. (Measurement based on CLK6S-24AG-CD)

FEATURE

- Attained the IP69K standard for the meat/food processing, beverages and medicine manufacturing industries which demands the waterproofing performance. It also corresponds to IP66G/67G standards.
- Special design to reduce "Blinding Light" effect, reducing the risk of retinal damage (EN62471-2 for Photobiological Safety of Lamps and Lamp Systems).
- The product lineup includes three sizes (200mm, 300mm, 600mm), two colors (Daylight, Natural White), and different series (Side-exit Cable; M12 Quick-disconnect; Aluminum Alloy and Stainless Steel Body) for various applications.
- The operating temperature range from -40°C to +60°C allows installation in sub-freezing temperatures, such as walk-in freezers.
- Slim Profile
- Corresponds to Europe's RoHS Directive.
- Conforms to CE requirements.
- UL Listed (File No. E306141, M12 type is UL Recognized, SG/SA type is not UL certified).
- Passed IEC 62471

Specifications

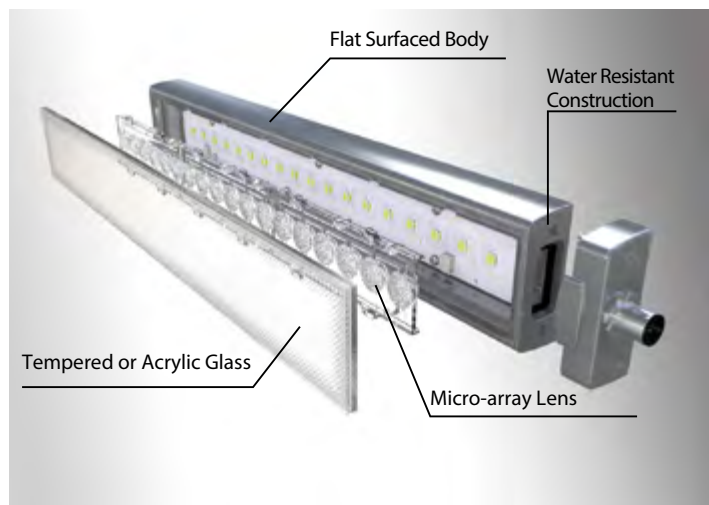
Specifications/Material		Water and Oil Resistance/Aluminum Alloy							Water and Chemical Resistance/ SUS316 Stainless Steel	
Lens Material		Tempered Glass							Specially-treated Lens◇	
Model		2S-AG	3S-AG	6S-AG	3C-AG	3CL-AG	6C-AG	6CL-AG	3C-SG	3C-SA
Lens Size		200mm	300mm	600mm	300mm		600mm		300mm	
LED Color	Daylight: 6,500K: CD	●	●	●	●	●	●	●	●	—
	Natural White: 5,000K: CN	△	●	△	●	●	●	—	—	●
Center Illumination (@1m)		820lx	1,200lx	2,100lx	1,200lx		2,100lx		1,200lx	
Connection Type		Side-exiting Cable, L=0.5m			M12 Quick Disconnect	M12 Daisy Link	M12 Quick Disconnect	M12 Daisy Link	M12 Quick Disconnect	
Power Consumption		8.4W	12.5W	25W	12.5W		25W		12.5W	
Rated Voltage		DC24V (Polarized)								
Operating Temperature Range		-40°C - +60°C (RH 90% or less)								
Protection Rating		IP 66G/67G (IEC 60529)/IP69K (DIN 40050 Part 9)								

△ : Inquire before Ordering

◇: Specially-treated lens has three layers embedded; PMMA, Shatter-proof Film, Tempered Glass

How to Order

Model Code	Illumination Area Size 2: 200mm 3: 300mm 6: 600mm	Model	CLK		-24		LED Color CD: Daylight, CN: Natural White
Wiring Method S: Side-exiting Cable C: M12 Cable CL: M12 Daisy Link							Body Material AG: Aluminum & Glass SG: Stainless Steel & Glass SA: Stainless Steel & Special Lens

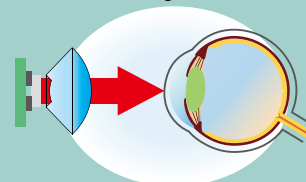


Angled Body and Flat Surface

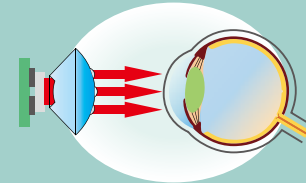
The side body angle was designed to prevent dirt accumulation, and for water and oil to roll off the surface. The LED lens retains a simple flat-surface for lighting and to help when wiping it down.

Reduces the "Blinding Light" Effect

☀ Conventional Magnification Lens



☀ New "Micro-array" Lens



Reduces the "Blinding Light" Effect

This design conforms to the Photobiological Safety of Lamps and Lamp Systems (Compliance :EN62471- 2) in the Exempt Risk Group, which determines that no immediate retina damage is done.



One-touch Installation

Just sliding the body onto the bracket makes attachment easy; and it locks in place with a locking screw (which is hidden from the front). (Aluminum Body Only)

Angle Adjustment Bracket

The Worklight can be freely adjusted up to 60° up and down from the center. (With a scale at 10° step marks and screws to lock it into place.)

Surface-mounting Bracket

A space-saving flush-mount bracket. (Limited board thickness and lead wire specification of 6mm or less; M12 connector specification of 3mm or less) (Models 3 S-AG/3 C-AG Only)

CLK-001



SZ-320KS



SZ-330KP



M12 Quick Disconnect



4-wire M12 Socket Cable, 5m
(No. 1536308)
4-wire M12 SUS Socket Cable, 5m
(No. 1552447)

Manufacturer: Phoenix Contact Corp.

Daisy Link at a maximum of 5 Units



4-wire M12 Link Cable, 0.6m
(No. 1518892)
4-wire M12 SUS Link Cable, 0.6m
(No. 1552638)

Manufacturer: Phoenix Contact Corp.

Product Lineup

Specifications Length	Side-exiting Cable Series (S)	M12 Quick Disconnect Series (C)	M12 Quick Disconnect Daisy Link Series (CL)	Stainless Steel (SUS) Body Series (C-SG/C-SA)
200 mm	2S (-CD) (-CN)	_____	_____	_____
300 mm	3S (-CD) (-CN)	3C (-CD) (-CN)	3CL (-CD) (-CN) *Up to 4 Units	3C (-CD) (-CN)
600 mm	6S (-CD)	6C (-CD) (-CN)	6CL (-CD) (-CN) *Only 1 Unit	_____