

Bracket for LED Work Light

PATLED's®

User's Manual

[Model : **SZ-320KS**]

Thank you for purchasing the PATLEDs LED Light Bar for your application. Prior to installation, please read through this manual for proper installation and precautionary steps. In addition, please store this manual for future reference when performing maintenance, repairs or inspections. If you have any questions regarding this product, please contact our PATLITE Sales Representative.

Safety Precautions

In order to prevent any damage to the user and other personnel or to assets, note the following:

◆The following symbols classifies the following precautions into two categories and explains the level of harm inflicted when caution is disregarded while using this product.

Warning Displays the warning "Failure to follow warning may lead to death or severe injury".

Caution Displays the warning "Failure to follow caution may lead from light to medium injury or may lead to property loss or injury to others".

◆The following symbols indicate and explains the nature of the information to be observed.

[Prohibited] This symbol indicates "Prohibited", which should not be carried out by all means.

[Enforced] This symbol indicates "Enforced", which should be observed and carried out by all means.

1. For safe application, observe the following

Warning

[Prohibited]

- Do not disassemble or modify this product.
- After installing this product to the machine, etc., do not operate it with the cover removed or use it as a step-ladder when climbing onto the machinery. Failure to comply may result in falling off the machinery or product damage may occur.

[Enforced]

- Be sure to disconnect the power of LED Work Light when wiring, mounting, exchanging, or repairing the product.
- Request the installation and wiring to be accompanied by a professional contractor. Failure to comply may result in electric shock, fire, or falling from high places.
- Verify the installation location is a firm location which can handle the weight of the product and has no adverse vibrations. If installed in a place where vibration is frequent and/or exceeds the specifications, damage to the product may occur.

Caution

[Prohibited]

- This Attachment Bracket is specially made for the CLK-24(A)AG & CWK-24 (Body: Aluminium Alloy, Lens: Tempered Glass) Series, only.

2. Part Names and Dimensions

Dimensions (Unit : mm)

Center Screw
Angle-Locking Screw

Adjustable Angle 120°

Wall-mounting Bracket Hole 2-φ6.3

(Not Used) ※1

Model CLK-24(A)AG (Table 1. Dimensions) mounting hole 2-φ4.3

※1 This hole is not to be used

M4x8 (SUS)

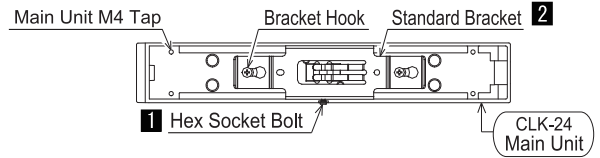
M4 Accessory Screws (4)

Model	Dimension A		Dimension B	
	Full Length	Mounting Pitch	Full Length	Mounting Pitch
CLK2S-24(A)AG-□	306	280	306	280
CLK3□-24(A)AG-□	406	380	406	380
CLK6□-24(A)AG-□	706	680	706	680

Dimension A
Dimension B

3. Installation

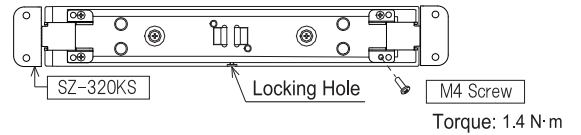
① **Remove the Hex Socket Bolt and Standard Bracket for LED Work Light.** Keep the removed parts nearby. Do not loosen the "Bracket Hook" (Screw).



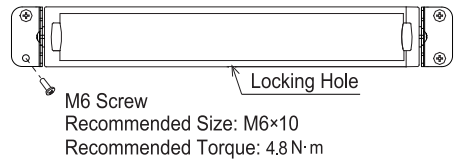
Caution

[Prohibited] Do not loosen or remove the Bracket Hook. Failure to comply will result in a decrease in waterproofing performance.

② **Attach the SZ320-KS to the main unit of LED Work Light.** Attach an M4 screw to the "Model CLK-24(A)AG mounting hole" and "Main Unit M4 tap". Use a mounting torque of 1.4 N·m.

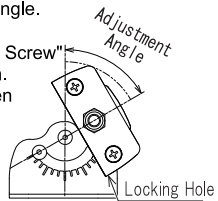


③ **After tapping the mounting holes to a flat and sturdy surface, use four M6 screws for mounting.** Attach an M6 screw in the "Wall-mounting Bracket Hole" and tighten. The recommended torque for the M6 screw is 4.8 N·m.



④ Adjusting the Fixed Angle

The "Angle-locking Screw" is tightened after adjusting the angle. (Adjust both SZ-320KS brackets for the same angle.) Use a 3mm hexagonal wrench to tighten the "Angle-locking Screw" and "Center Screw" with a recommended torque of 2.8 N·m. Install with the "locking hole" in the downward direction when attaching to prevent liquid from accumulating.



4. Specifications

Model	SZ-320KS
Material	Stainless
Mass	110 g (1 set)
Mounting Direction Mounting Location	Any Direction, Unskewed Surface / Indoor Only
Vibration Resistance	19.6 m/s ²
Operating Temperature Range	-40 °C ~ +60 °C (90%RH or less, no condensation)
Corresponding Model	CLK-24(A)AG & CWK-24 (Body: Aluminium Alloy, Lens: Tempered Glass) Series, Exclusive Use
Quantity	2 pcs. per set

Note

● Specifications and dimensions may change without prior notice for improvements, etc.

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