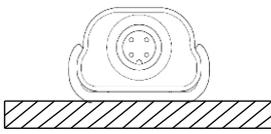
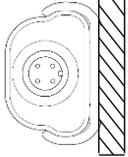
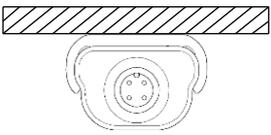


SPECIFICATIONS

[General Specifications]

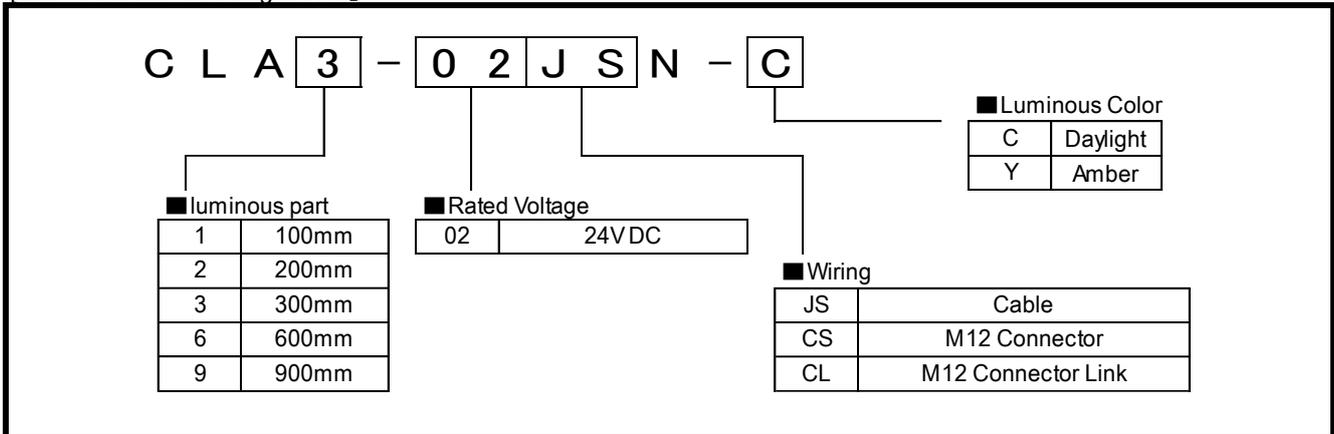
Product Name		LED Work Light			
Model		CLA□-02□-□			
Rated Voltage		24V DC (Polarized)			
Operating Voltage Range		Rated Voltage ±10%			
Rated Power Consumption		CLA1-02□-C	CLA2-02□-C	CLA3-02□-C	CLA3-02JSN-Y
	Typ.	1.9W	3.8W	4.5W	3.8W
	Max.	2.4W	4.8W	5.7W	4.5W
		CLA6-02□-C	CLA6-02JSN-Y	CLA9-02□-C	
	Typ.	9.0W	7.6W	13.5W	
	Max.	11.4W	8.9W	17.2W	
Operating Ambient Temperature		-40°C to +60°C			
Operating Ambient Humidity		Less than 90 % (No condensation)			
Storage Ambient Temperature		-45 °C to +70 °C			
Storage Ambient Humidity		Less than 90 % (No condensation)			
Mounting Location		Indoor			
Mounting Direction		Upright	Sideways	Inverted	
					
Protection Rating*		IP6X,IPX6,IPX7 (IEC 60529) /IPX9K (ISO20653) (Excluding cables)			
Environmental Condition		Upright			
Insulation Resistance		More than 10MΩ at 500VDC between live part and non-current carrying metallic part			
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation			
Luminous Color		CLA□-02□-C	Daylight	CLA□-02□-Y	Amber
Color Temperature (Daylight)		6,500K			
Wavelength (Amber)		590nm			
Illuminance (typ.)	1.0m	CLA1-02□-C	72lx	CLA6-02□-C	350lx
		CLA2-02□-C	145lx	CLA6-02JSN-Y	82lx
		CLA3-02□-C	180lx	CLA9-02□-C	480lx
		CLA3-02JSN-Y	43lx		
Luminous Flux (typ.)		CLA1-02□-C	235lm	CLA6-02□-C	1,190lm
		CLA2-02□-C	480lm	CLA6-02JSN-Y	280lm
		CLA3-02□-C	595lm	CLA9-02□-C	1,785lm
		CLA3-02JSN-Y	140lm		
*Use an M12 cable with IPX9K protection rating for models CLA□-02CSN-C and CLA-02CLN-C.					

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Drawing No.	Rev.	Page
CLA3-02-W18	A	2/4

Mass (Tolerance ±10%)	CLA1-02JSN-C	0.15kg	CLA3-02JSN-Y	0.23kg
	CLA1-02CSN-C	0.06kg	CLA6-02JSN-C	0.34kg
	CLA2-02JSN-C	0.19kg	CLA6-02CSN-C	0.25kg
	CLA2-02CSN-C	0.1kg	CLA6-02JSN-Y	0.34kg
	CLA3-02JSN-C	0.23kg	CLA9-02JSN-C	0.46kg
	CLA3-02CSN-C	0.14kg	CLA9-02CSN-C	0.37kg
	CLA3-02CLN-C	0.14kg		
Outer Dimensions	Refer to 3. Outer Dimensions Drawing			
Conformity Standards	UL 2108, CSA-C22.2 No. 250.2			
	IEC 61000-6-4, EN IEC 61000-6-2, EN IEC63000			
	FCC Part 15 Subpart B Class A			
	ICES-003 Class A			
	KS C 9610-6-4, KS C 9610-6-2			
	COMMISSION REGULATION(EU) 2019/2020 *			
Remarks	<ul style="list-style-type: none"> • UL Recognized Component (File No.E306141) • Conforms to the CE requirements • Conforms to the UKCA requirements • Due to the inherent properties of LED, color variations and brightness differences may occur between individual LEDs or between products. <p>*CLA□-02JSN-Y is not subject to 'COMMISSION REGULATION (EU) 2019/2020'.</p>			

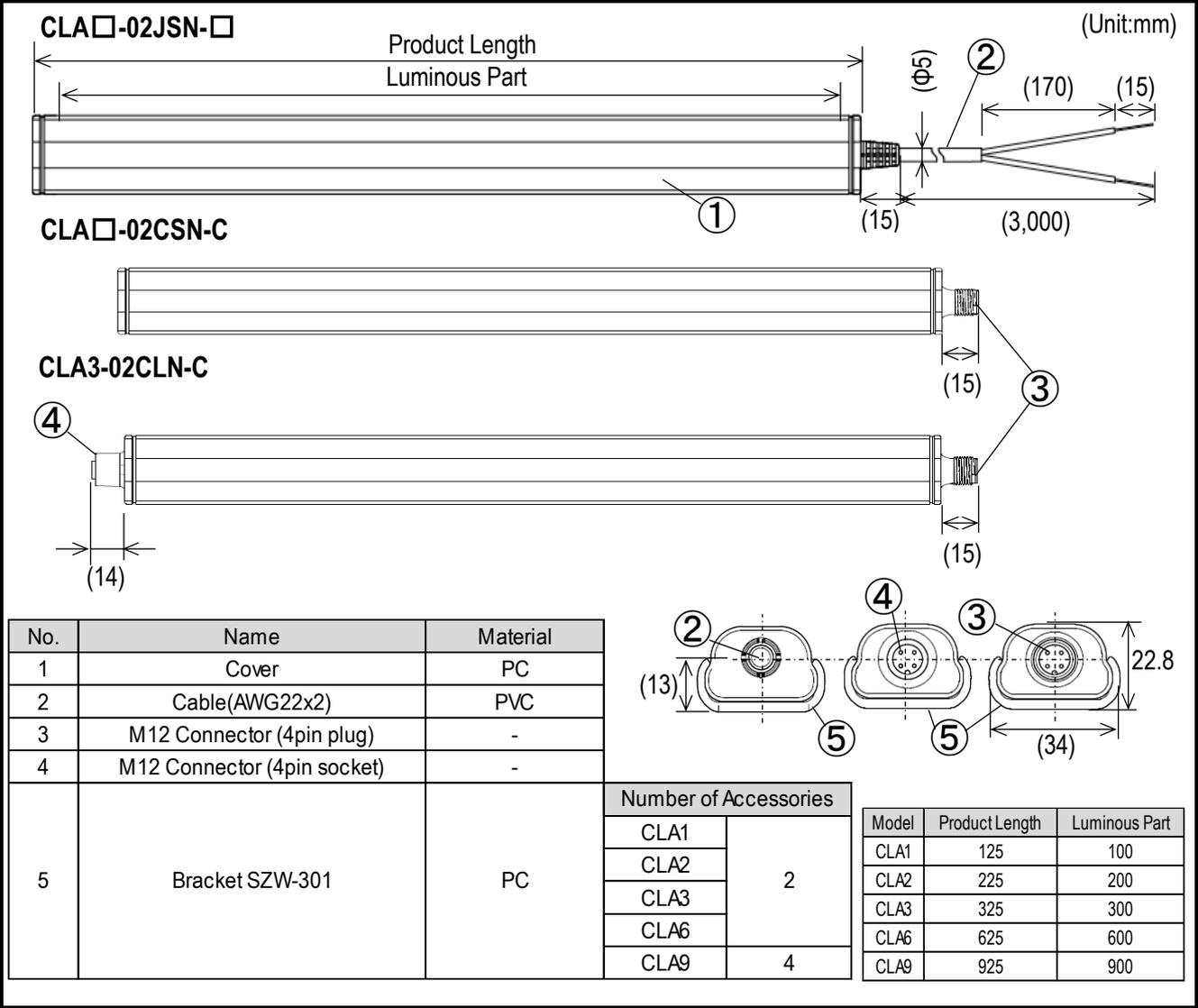
[2.Model Number Configuration]



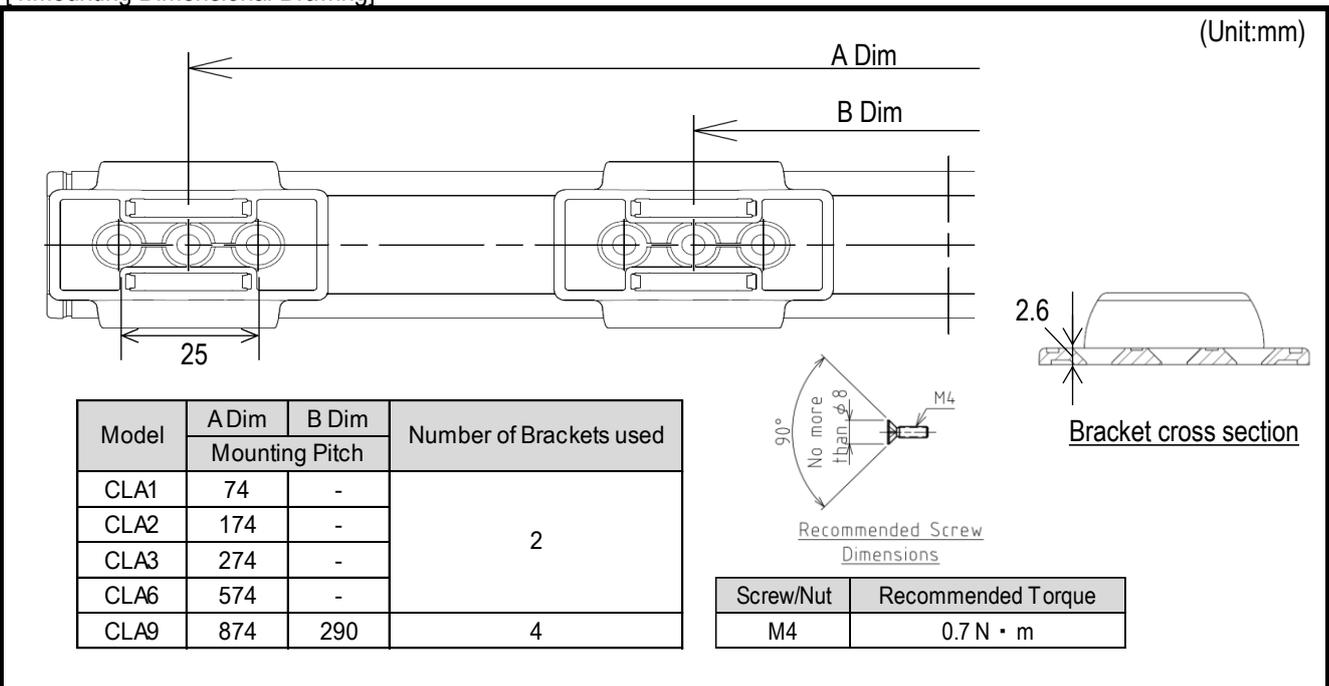
[2.1 Model List]

<ul style="list-style-type: none"> • Cable CLA1-02JSN-C CLA2-02JSN-C CLA3-02JSN-C CLA3-02JSN-Y CLA6-02JSN-C CLA6-02JSN-Y CLA9-02JSN-C 	<ul style="list-style-type: none"> • M12 Connector CLA1-02CSN-C CLA2-02CSN-C CLA3-02CSN-C CLA6-02CSN-C CLA9-02CSN-C 	<ul style="list-style-type: none"> • M12 Connector Link CLA3-02CLN-C
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[3.Outer Dimension]



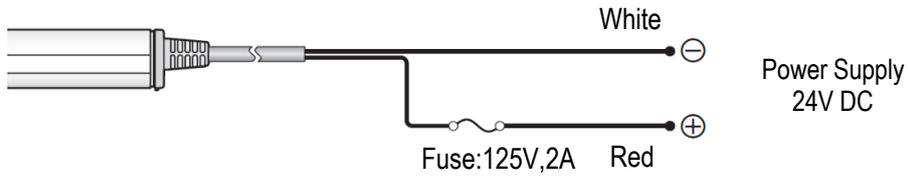
[4.Mounting Dimensional Drawing]



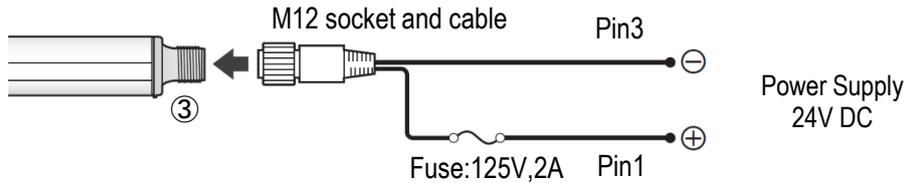
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[5.Wiring]

● CLA□-02JSN-□ Cable Model

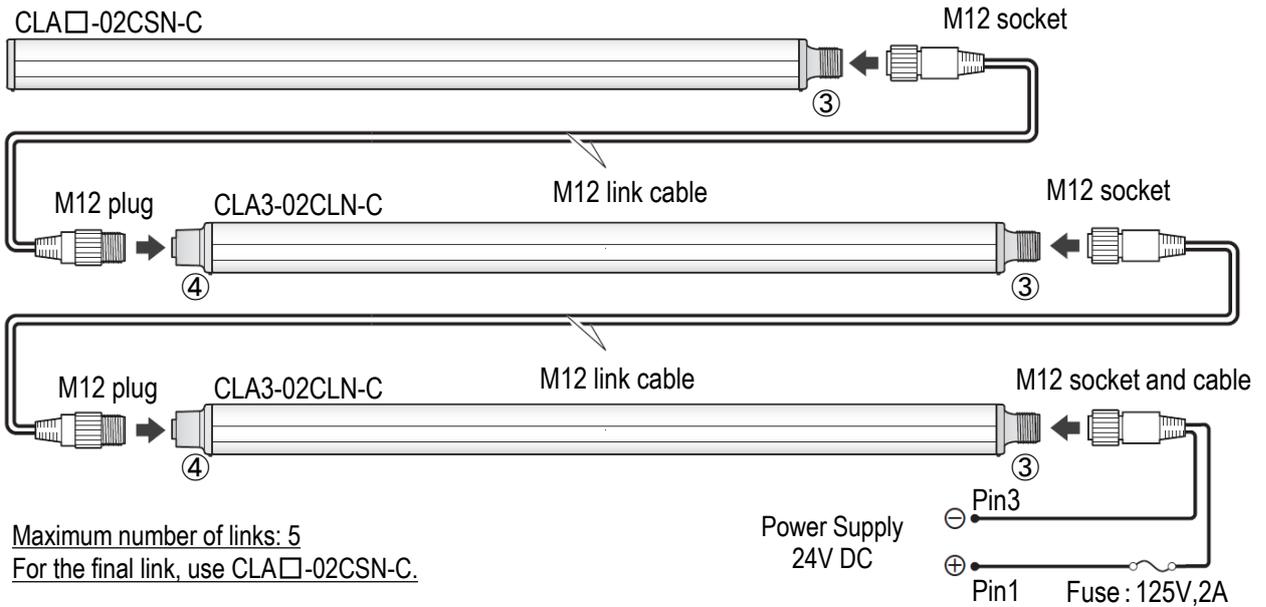


● CLA□-02CSN-C M12 Connector Model



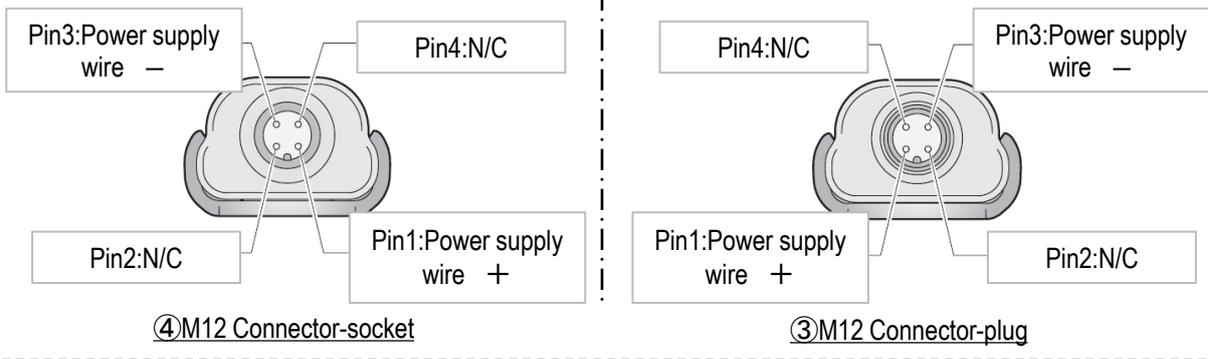
● CLA3-02CLN-C M12 Connector Link Model

<Example of three links>



Maximum number of links: 5
For the final link, use CLA□-02CSN-C.

M12 Connector Pin assign



※ The M12 socket and cable, and the M12 link cable is not included.