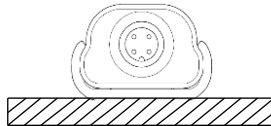
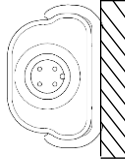
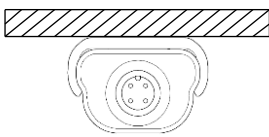


Drawing No.	Rev.	Page
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SPECIFICATIONS

[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℃ to +60℃			
Operating Ambient Humidity		Less than 90 % (No condensation)			
Storage Ambient Temperature		-45 ℃ to +70 ℃			
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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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 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. *CLA□-02JSN-Y is not subject to 'COMMISSION REGULATION (EU) 2019/2020'.			

[2.Model Number Configuration]

C

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A

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2

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S

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C

■ luminous part

1	100mm
2	200mm
3	300mm
6	600mm
9	900mm

■ Rated Voltage

02	24VDC
----	-------

■ Luminous Color

C	Daylight
Y	Amber

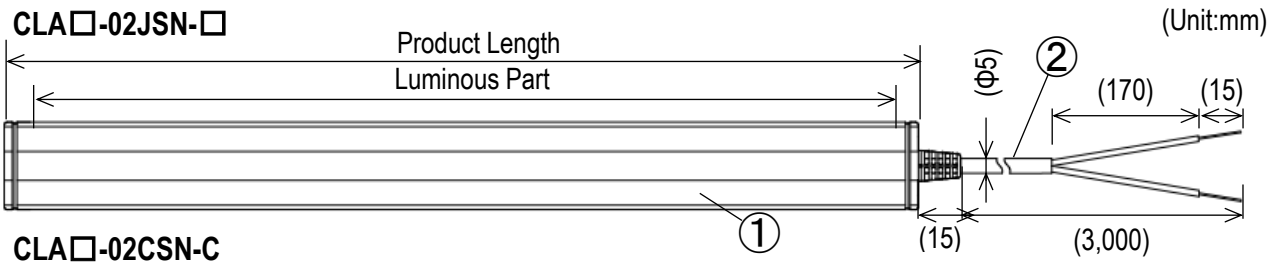
■ Wiring

JS	Cable
CS	M12 Connector
CL	M12 Connector Link

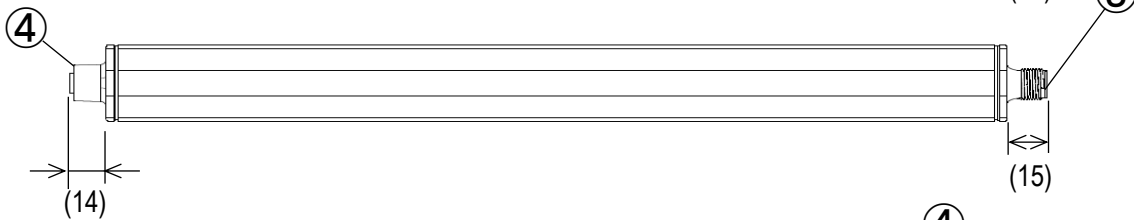
[2.1 Model List]

• Cable	• M12 Connector	• M12 Connector Link
CLA1-02JSN-C	CLA1-02CSN-C	CLA3-02CLN-C
CLA2-02JSN-C	CLA2-02CSN-C	
CLA3-02JSN-C	CLA3-02CSN-C	
CLA3-02JSN-Y	CLA6-02CSN-C	
CLA6-02JSN-C	CLA9-02CSN-C	
CLA6-02JSN-Y		
CLA9-02JSN-C		

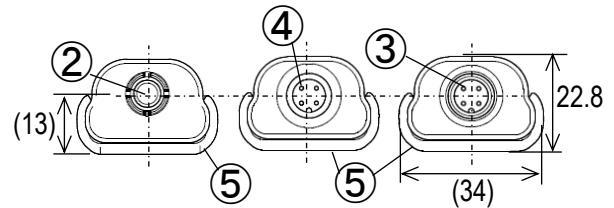
[3.Outer Dimension]



CLA3-02CLN-C



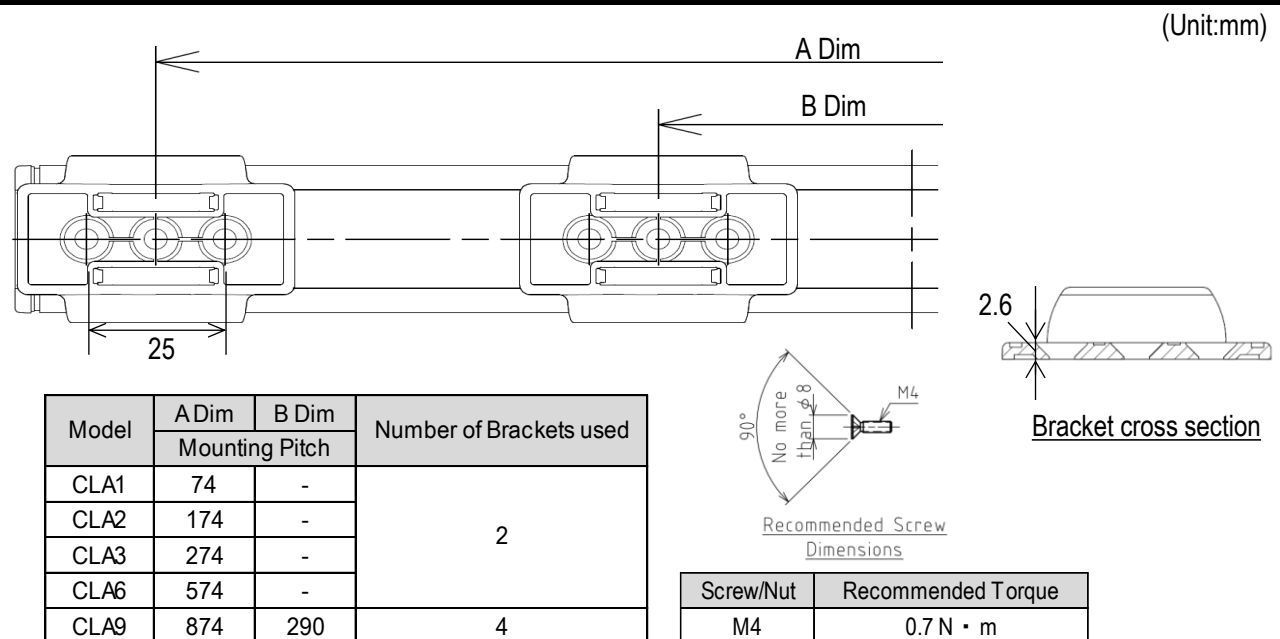
No.	Name	Material
1	Cover	PC
2	Cable(AWG22x2)	PVC
3	M12 Connector (4pin plug)	-
4	M12 Connector (4pin socket)	-
5	Bracket SZW-301	PC



Number of Accessories	
CLA1	2
CLA2	
CLA3	
CLA6	
CLA9	4

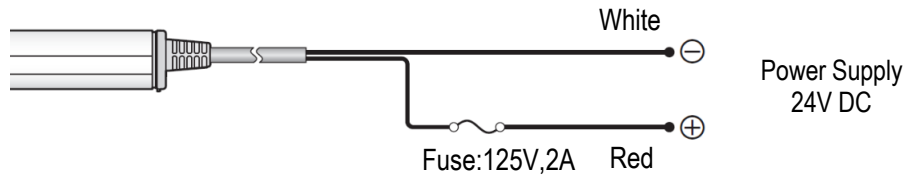
Model	Product Length	Luminous Part
CLA1	125	100
CLA2	225	200
CLA3	325	300
CLA6	625	600
CLA9	925	900

[4.Mounting Dimensional Drawing]

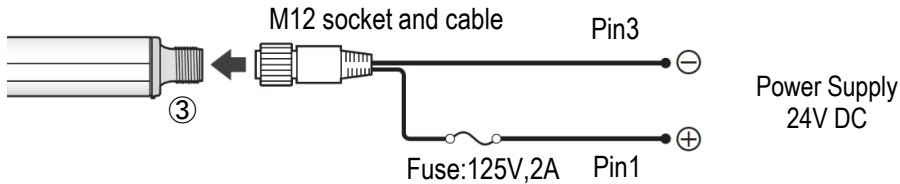


[5. Wiring]

●CLA□-02JSN-□ Cable Model

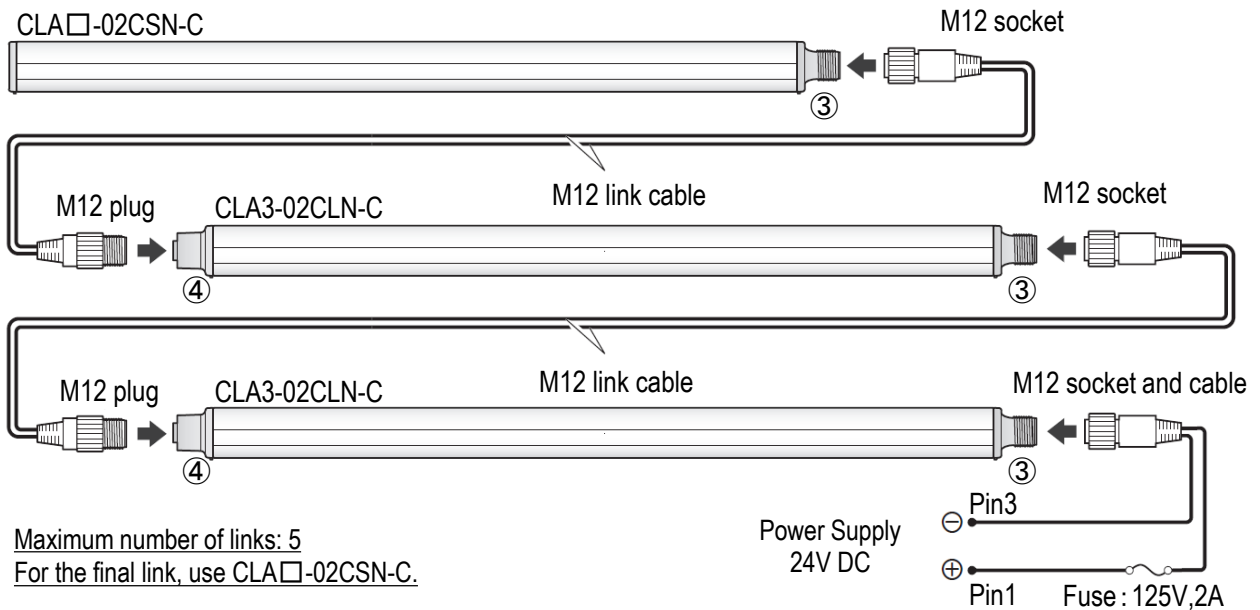


●CLA□-02CSN-C M12 Connector Model



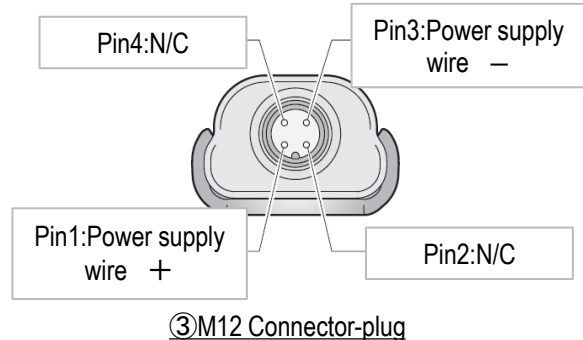
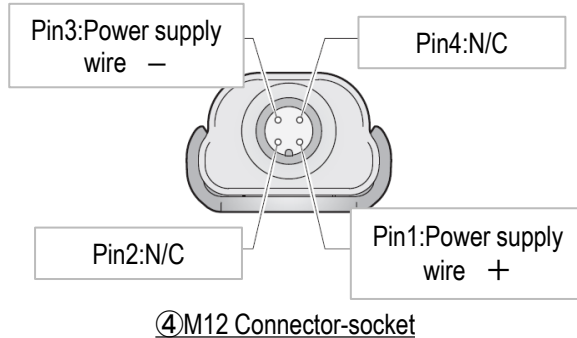
●CLA3-02CLN-C M12 Connector Link Model

<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.