

High Temp./High Pressure Washdown Safe LED Work Light

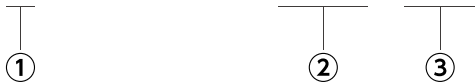
CLA-A

CE **RoHS 10** **UL** **IP66** **IP67** **IP69K** **Indoor Use** **All Mounting Directions**
Daylight Amber **Ambient Temperature -40°C~+60°C**



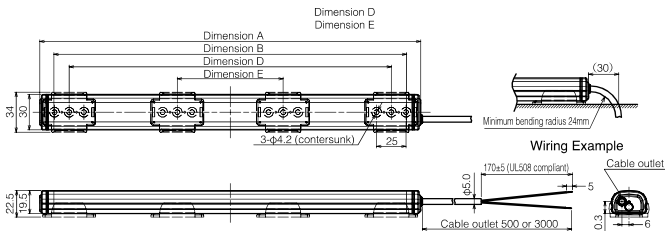
Model Number Configuration

CLA1S-24A-CD-30



① Length 1 = 100 mm 2 = 200 mm 3 = 300 mm 6 = 600 mm 9 = 900 mm 12=1200mm	② Luminous Color CD = Daylight Y = Amber* * 300mm only	③ Cable Length Blank = 0.5m 30 = 3.0m
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Dimensions (mm)



Model	Dimension A	Dimension B	Dimension D	Dimension E	Number of Brackets Included (SZ-310AR)
	Full Length	Length of Illuminated Area	Recommended Mounting Pitch		
CLA1S-	124	100	74	-	2
CLA2S-	224	200	174	-	2
CLA3S-	324	300	274	-	2
CLA6S-	624	600	574	-	2
CLA9S-	924	900	874	290	4
CLA12S-	1224	1200	1174	390	4

Specification

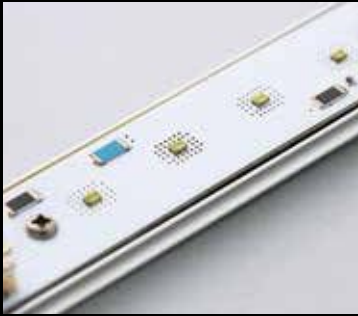
Description	Distance	Length of Illuminated Area						
		100mm	200mm	300mm (CD)	300mm (Y)	600mm	900mm	1200mm
Illuminance (Center, typical)	At 0.3m	-	-	-	-	1,425lx	1,575lx	1,600lx
	At 0.5m	140lx	270lx	400lx	220lx	650lx	810lx	890lx
	At 1.0m	35lx	70lx	105lx	60lx	200lx	280lx	340lx

Product List

Model Number	Length of Illuminated Area	Luminous Color	Rated Voltage	Cable Length	Power Consumption	Mass (0.5m Cable)	Mass (3.0m Cable)
CLA1S-24A-CD(-30)	100mm	Daylight	24V DC	0.5m / 3.0m	2.5W	0.08kg	0.165kg
CLA2S-24A-CD(-30)	200mm	Daylight	24V DC	0.5m / 3.0m	5W	0.13kg	0.215kg
CLA3S-24A-CD(-30)	300mm	Daylight	24V DC	0.5m / 3.0m	5.7W	0.18kg	0.265kg
CLA3S-24A-Y	300mm	Amber	24V DC	0.5m	5.7W	0.18kg	-
CLA6S-24A-CD(-30)	600mm	Daylight	24V DC	0.5m / 3.0m	11.6W	0.34kg	0.425kg
CLA9S-24A-CD(-30)	900mm	Daylight	24V DC	0.5m / 3.0m	17.3W	0.5kg	0.585kg
CLA12S-24A-CD(-30)	1200mm	Daylight	24V DC	0.5m / 3.0m	23W	0.66kg	0.745kg

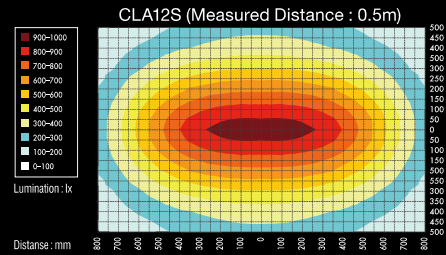
Features

■ Equipped with superior quality LEDs



The lifespan of the LEDs (40,000 hours) is 10 times that of a standard fluorescent light (based on LED brightness of 70%). They are also safe to use because the LEDs do not contain mercury.

■ Bright, uniform light



Illumination Distribution Chart

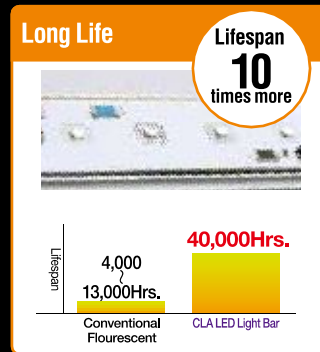
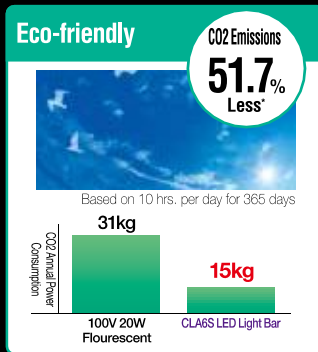
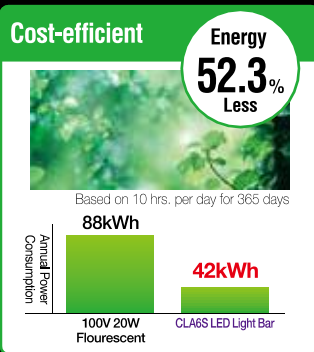
The lights are specially designed so that the beams produce a natural light that does not blind users, while still maintaining high brightness.

■ Highly durable construction

The housing of the CLA-A is constructed with polycarbonate resin, making its body rugged and hard to break, while also enabling it to achieve the IP69K rating. The hard material also reduces the risk of shattering and fragments getting mixed into production areas.



Housing: Polycarbonate Resin



* Based on 2008 data accumulated from the Japanese Electric Company (CO2 Emissions per kWh at 0.355kg)

■ Optimal light distribution



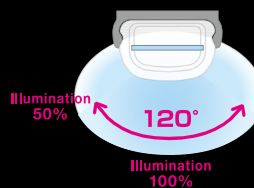
Seamless body surface

By creating a smooth and seamless surface, the body distributes a uniformly bright light. Furthermore, the illumination range reaches a wide 120 degrees.



Backlight illumination (CLA12S-CD)

■ Illumination Range Drawing



■ Lighting Distribution Diagram

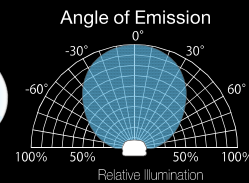


Image of wall reflection

Brackets



SZ-310AR
Rear Attachment Type
(Screw Mount)
Material: Polycarbonate Resin



SZ-310ARM
Rear Attachment Type
(Magnetic Mount)
Material: Polycarbonate Resin



SZ-310AS
Side Attachment Type
(Screw Mount)
Material: Polycarbonate Resin



SZ-310ASB
Side Attachment Type
(Screw Mount)
Material: Polycarbonate Resin



SZ-310EU*
Side Attachment Type
(Screw Mount)
Material: Stainless Steel

* Please contact your local PATLITE representative to confirm if this product is sold in your region.