

Wire Connector

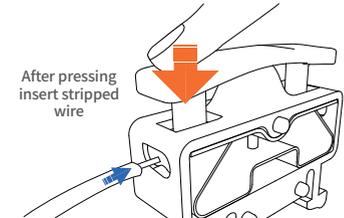
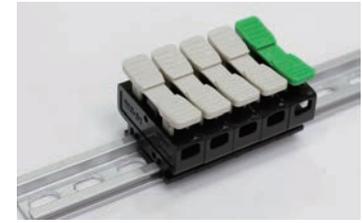
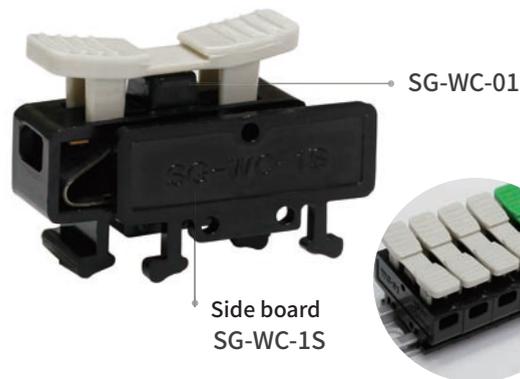
Nomenclature

SG - WC - 01

① ②

① Product name
Wire Connector

② Number of pin
1Pin



Feature

Rail type connector product that is fixed to the channel and used. The main body is made of PC and the PUSH part is made of ABS, giving it excellent heat resistance and strong impact resistance. Side plate can be ordered separately.

Product Specifications

Color: Ivory, Green (Push), Black (Main Body)

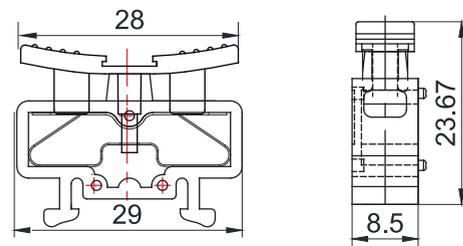
Operating temperature: -20°C ~ +70°C

Material: Polycarbonate (main body) / Incombustible ABS (PUSH)

Electrical Specifications

Service wire size : 1.5mm² (20 ~ 16AWG)

Rated input voltage : 250Volts



Description

Can be used after connecting by inserting stripped wire that meets the standard while pressing the push part. Used exclusively for DIN rail mounting, by inserting a name strip into the groove of the product push.

Plastic Connector Box

Nomenclature

SG - WC - 06

① ②

① Product name
Plastic Connector Box

② Number of connector
6, 10, 15, 20



Description

The plastic connector box can save time and cost by allowing you to use a wire connector instead of a terminal box.

Model	Size(mm)	Weight	Model	Size(mm)	Weight
SG - WC - 6P	65 X 90 X 45	135 g	SG - WC - 15P	100 X 200 X 65	423 g
SG - WC - 10P	90 X 100 X 45	183 g	SG - WC - 20P	150 X 160 X 65	479 g

Machine Light



Nomenclature

SG - LED - ML - 146
 ① ②

① **Product name**
Machine Light

② **Product size(mm)**
Length



SG-LED-ML-146



Feature

Acquired CE certification
 To prevent glare on the operator, the glass is frosted.
 The irradiation angle can be adjusted to the desired angle using the bracket provided.

Product Specifications

Operating temperature : -20°C ~ +85°C
 Protection rating : IP65
 Tolerance : ± 1mm
 Power Code length : 3M
 Material : (Body) Aluminum
 (Lens) PC light diffusion(ML-146) /
 Chemical heat strengthened glass(ML-280,ML-414,ML-548)
 (Side) Aluminum Die casting

Electrical Specifications

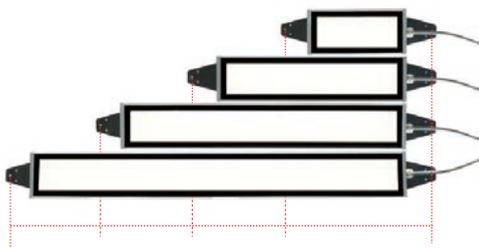
Input voltage : AC100V ~ 240V (50/60Hz) / DC24V

Safety Specifications



Description

The machine lights are made of aluminum profile and die cast, and the glass is a chemically strengthened glass that can withstand heat or shock. Effective heat dissipation is provided by the heat sink structure on the back of the product. Machine lights are used for various purposes, such as on work sites, product assembly/inspection lines, machine tools, and for wide area lighting. As it is waterproof with an IP65 protection rating, it can be used smoothly in places with splashing cutting oil or oily water, and has been launched in 4 types with different sizes.



Mounting with bracket



Model	Size(mm)	Mounting Size with bracket	Illuminance (at 1m)	Power consumption (AC / DC)	Weight(g)
SG-LED-ML-146	65 X 50 X 146mm	260mm	165lux / 650lm	7W / 12W	770g
SG-LED-ML-280	65 X 50 X 280mm	294mm	280lux / 1300lm	14W / 24W	1200g
SG-LED-ML-414	65 X 50 X 414mm	529mm	460lux / 1950lm	21W / 36W	1570g
SG-LED-ML-548	65 X 50 X 548mm	663mm	615lux / 2600lm	28W / 48W	1800g

Working Light



Nomenclature

SG - **WL** - **A220**

①

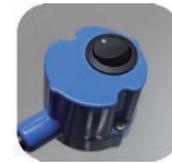
②

① **Product name**
Working Light

② **Product type**
A220 : Basic
C : Rechargeable



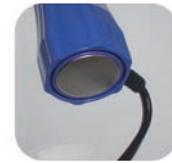
SG-WL- A220



Switch



Headlamp



Magnet



DC jack

Feature

- LED lamp is mounted on the head
- Bellows are connected to the headlamp to allow for flexible movement
- Uses a neodymium magnet with strong magnetic force
- There are two types: the basic wire type and the rechargeable type

Product Specifications

- Color : Blue
- LED color : White
- Illuminance (at 20cm) : 1400 lux
- Operating temperature : -10°C ~ +60°C
- Input voltage : AC100~240V / DC24V



Description

The work light can be used in the field by fixing it to the required position using powerful neodymium magnets and bellows. It can help increase concentration on work on ships, milling, and tapping that require precision work, and can be used for general purposes as a reading lamp. It can be easily turned on and off using the power button attached to the head, and is available as a basic type and a rechargeable type, so you can use it according to the location.

Product type	Basic	Rechargeable
Model	SG-WL-A220	SG-WL-C
Size (mm) (Including bellows)	Head Ø43mm / Length 525mm	Head Ø43mm / Length 525mm
Input voltage	AC220V (50/60Hz)	18650 3.7V 2600Ah
Power Consumption	4W	Below 3.5W
Weight	172g	190g
Charging Time / Continuous Use Time	-	3hours / 5hours

Aluminum Profile LED Light



Nomenclature

SG - LED - 1 S - 000

① ② ③

- ① **Product size(mm)**
1 : 150mm 2 : 298mm
3 : 446mm 4 : 594mm
- ② **Product color**
S : Silver B : Black
- ③ **Option**
000: Basic (bracket)
110: Neodymium magnet (2EA) + switch
011: Bellows with magnet + switch
100: Neodymium magnet (2EA)
010: Switch



Switch Fixed bracket



Neodymium magnet Bellows with magnet

Product Specifications

Product color : Silver / Black
 LED Color : White / Red, Blue (220V Only)
 Illuminance : 63 lux (at 1m) / 190 lux (at 0.5m)
 Rated voltage : AC220V (50/60Hz), AC110V, DC24V
 Power Code length : 100mm
 Operating temperature : -10°C ~ +60°C
 Features : Can be produced in a range of sizes up to 4m, in 148mm increments
 Various options can be selected

※ Power Code length : 1M

Model	Size(mm)
SG-LED-1S(B)	25 X 33 X 150(mm)
SG-LED-2S(B)	25 X 33 X 298(mm)
SG-LED-3S(B)	25 X 33 X 446(mm)
SG-LED-4S(B)	25 X 33 X 594(mm)

Rechargeable LED Light

Nomenclature

SG - LED - 1 C - 01

① ② ③

- ① **Product size(mm)**
1 : 150mm 2 : 298mm
- ② **Product type**
Rechargeable
- ③ **Number of batteries**
1ea / 2ea



Battery specifications

18650A 3.7V 2600mAh
Lithium-ion battery
 Service voltage : 3.7V /
 Maimum 4.2V
 Operating temperature :
 -20°C ~ 60°C
 Charging : Fully charged in
 3 hours
 Service time : 5 hours of
 continuous use

※ Charger is selling separatly

Product Specifications

Product color : Black
 LED Color : White
 Illuminance : 63lux (at 1m) / 190lux (at 0.5m)
 Operating temperature : -10°C ~ +60°C
 Features : 2 neodymium magnets are mounted

Model	Size(mm)	Weight(g)
SG-LED-1C-01	25 X 33 X 150(mm)	Approx. 180g
SG-LED-2C-02	25 X 33 X 298(mm)	Apprix. 302g

Signal Tower

Nomenclature

SG - **70** **ST** **5** - **220A** **OF**

① ② ③ ④ ⑤

- ① **Product size(mm)**
70 X 70mm
- ② **Product name**
Signal Tower
- ③ **LED lamp color**
5 Color (R, Y, G, B, W)
- ④ **Input voltage**
AC100~240V / DC24V
- ⑤ **Indicating operation**
ON : Steady / OF : Flashing



Product Specifications

- Lens color : Transparent
- LED color : Red, Yellow, Green, Blue, White
- Rated voltage : AC100~240V / DC24V
- Power consumption : 16W
- Operating temperature : -20°C ~ +70°C
- Indicating operation : Steady / Flashing
- Signal sound : Buzzer < Volume Max. 90dB at 1m >
- Material : Main body - Aluminum profile / Bracket - ABS incombustible
- Lens - Polycarbonate / Pole - Aluminum



Description

A signal tower is installed on a machine or at a work site to inform workers of the machine status or risks using colored lights and buzzers. Unlike existing tower lamps that send a signal with the lens color for the work environment, it enables users to recognize the signal intuitively and clearly using a system that can change the color of the LED itself.

Size(mm)	W 70mm x L 70mm x H 283mm
Mounting Size (mm)	60.8mm X 60.8mm
Mounting hole	Ø4.5

memo

