

Machine Light



Nomenclature

SG - LED - ML - 146

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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 : ± 1 mm
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

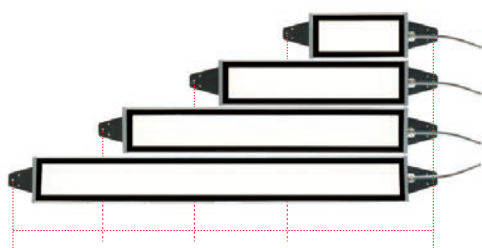
Input voltage : AC100V ~ 240V (50/60Hz) / DC24V

Safety Specifications

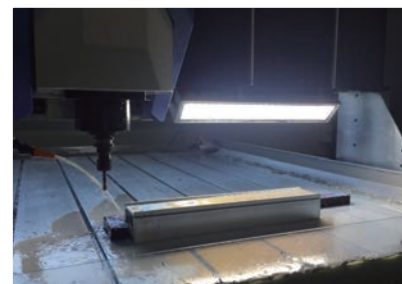


Description

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

SG-LED-1B



SG-LED-1S



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



Neodymium magnet



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

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