

# Machine Light



## Nomenclature

SG - LED - ML - 146  
 ①                      ②

① **Product name**  
Machine Light

② **Product size (Length/mm)**  
146 mm / 280 mm /  
414 mm / 548 mm



SG-LED-ML-146



## Feature

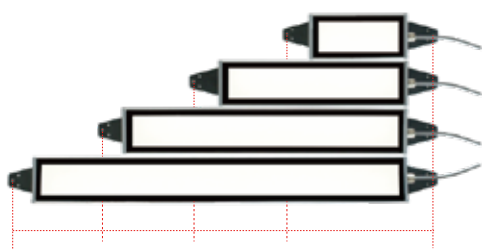
Acquired CE certification  
 To prevent glare on the operator, the glass is frosted.  
 The irradiation angle can be adjusted to the desired angle using the bracket provided.

## Electrical Specifications

Input voltage : AC110V / 220V (50/60Hz) / DC24V

## 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



## Product Specifications

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

## Safety Specifications



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 ~ 60°C
- Input voltage : AC 220V (50/60 Hz)



## 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 : AC110V, AC220V (50/60Hz), DC24V  
 Power Code length : 100mm  
 Operating temperature : -10 ~ 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 ~ 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 ~ 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