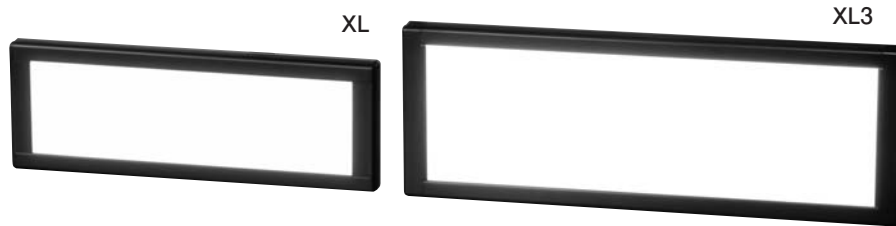


XL·XL3 LED Indicator

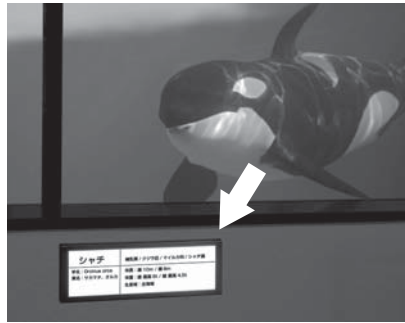
Easy to mount everywhere you like,
with bracket or magnet sheet.



■FEATURES

- AC use available with AC adapter (AC Adapter is not appended.)
- LED Color : Red, Green, Yellow, Blue
- Dual-Color : Red/Green, Red/Blue, Blue/Green
- Thickness : Only 14mm
- Illuminating Size XL : 60×210mm XL3 : 86×278mm

■APPLICATIONS


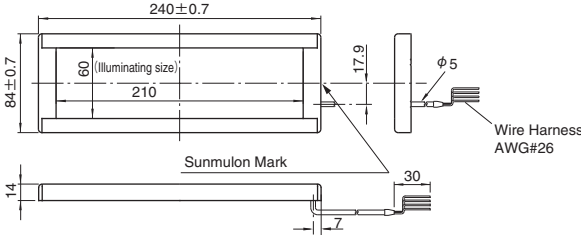
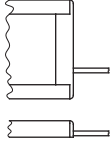

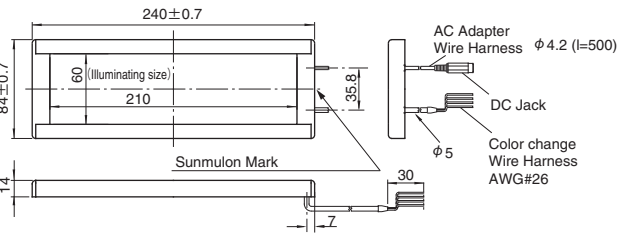
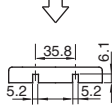


SPECIFICATIONS

| SPECIFICATIONS | |
|-----------------------------|---|
| Insulation Resistance | More than 100MΩ at DC 500V |
| Dielectric Strength | AC1500V RMS between terminals and ground (50/60Hz for 60 sec. at normal ambient and humidity) |
| Reverse Dielectric Strength | 150V |
| Ambient Temperature | -10~40°C |
| Ambient Humidity | 45~85% RH |


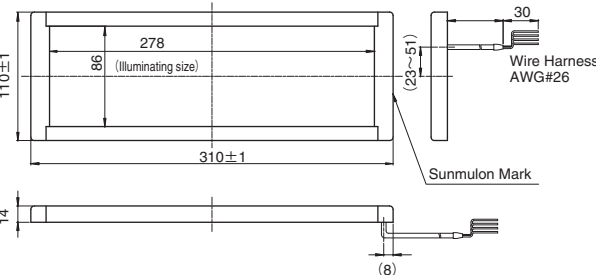
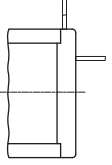

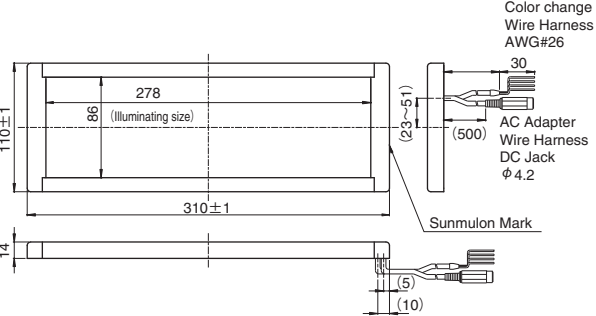
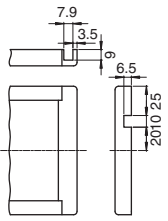
DIMENSIONS

●XL

| | | |
|--|--|--|
| <p>DC12、24V</p>  |  | <p>When using the wire harness from the side, please cut side part as shown below.</p>  |
| <p>AC Adapter type</p>  |  | <p>Cutting position</p> <p>Please cut along the inner groove.</p>  |

Tolerance : ±0.4mm

●XL3

| | | |
|--|--|--|
| <p>DC12、24V</p>  |  | <p>When using the wire harness from the side, please cut side part as shown below.</p>  |
| <p>AC Adapter type</p>  |  | <p>Please cut along the inner groove.</p>  |

Tolerance : ±0.4mm

LED DATA

| DC Supply Voltage | | Current Rating (mA) | | | | | | | | | | | | |
|-------------------|------------------------|--|--------|------|-------|-------|----------------------------------|--------|------|-------|-------|--------------------------------|-------------|--------------|
| | | Mono-Color / Dual-color (Standard) | | | | | Mono-Color / Dual-Color (Dimmer) | | | | | Simultaneous lighting (Dimmer) | | |
| | | Red | Yellow | Blue | White | Green | Red | Yellow | Blue | White | Green | Red · Blue | Red · Green | Blue · Green |
| XL | DC12V (±5%) | 115 | 110 | 100 | 80 | 100 | 70 | 70 | 40 | 50 | 40 | 110 | 110 | 80 |
| | DC24V (±5%) | 40 | 40 | 50 | 40 | 50 | 20 | 20 | 25 | 25 | 25 | 45 | 45 | 50 |
| | AC Adapter type AC100V | 25 | 25 | 25 | 25 | 25 | Not Applicable | | | | | Not Applicable | | |
| XL3 | DC12V (±5%) | 200 | 200 | 200 | 100 | 200 | 120 | 120 | 70 | 60 | 70 | 190 | 190 | 140 |
| | DC24V (±5%) | 60 | 60 | 120 | 50 | 120 | 40 | 40 | 60 | 30 | 60 | 100 | 100 | 120 |
| | AC Adapter type AC100V | 50 | 50 | 50 | 25 | 50 | Not Applicable | | | | | Not Applicable | | |
| Note | | In case of simultaneous lighting with DC12V/24V, please connect (+) with LC-D (Dimmer). Simultaneous lighting / Dimmer function is not available for AC Adapter type. | | | | | | | | | | | | |

INTERNAL CONNECTION ARRANGEMENTS

| | | 12V | 24V | AC Adapter type |
|-----|--------------------|---|---|---|
| XL | Mono Color | <p>(All colors)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(Red · Yellow)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> <p>(Blue · White · Green)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(All colors)</p> <p>(Standard)</p> <p>DC Jack (+12V) D (-) COM</p> <p>φ 2.1x φ 5.5 Center (+)</p> |
| | Dual Color | <p>(All colors)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(Red/Blue · Red/Green)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> <p>(Blue/Green)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(All colors)</p> <p>(Standard)</p> <p>DC Jack (+12V) D (-) COM</p> <p>φ 2.1x φ 5.5 Center (+)</p> |
| XL3 | Mono Color | <p>(All colors except White)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(Red · Yellow)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> <p>(Blue · Green)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(All colors except White)</p> <p>(Standard)</p> <p>DC Jack (+12V) D (-) COM</p> <p>φ 2.1x φ 5.5 Center (+)</p> |
| | Mono Color (White) | <p>(White)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(White)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(White)</p> <p>(Standard)</p> <p>DC Jack (+12V) D (-) COM</p> <p>φ 2.1x φ 5.5 Center (+)</p> |
| | Dual Color | <p>(All colors)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(Red/Blue · Red/Green)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> <p>(Blue/Green)</p> <p>LC-S (Standard) D LC-D (Dimmer) D</p> | <p>(All colors)</p> <p>(Standard)</p> <p>DC Jack (+12V) D (-) COM</p> <p>φ 2.1x φ 5.5 Center (+)</p> |

AC Adapter is not appended. Main Unit is 12V type.

AC Adapter Use DC12V 1A Output, Center (+) φ 2.1 × φ 5.5

Supply the power from the AC adapter and turn on and change the color with the color switching harness.

WIRE HARNESS/WIRING

●DC12、24V

Wire Harness : UL1007 AWG#26

| Wire Color | Brown | Red | Orange | Yellow |
|------------|----------------------|--------------------|--------|--------|
| Function | LC-S (+) Standard | LC-D (+) Dimmer | L1 (-) | L2 (-) |

Dual Color combination

| | | | |
|-----------------------|------|-------|-------|
| LC-S _D -L1 | Red | Red | Green |
| LC-S _D -L2 | Blue | Green | Blue |

●AC Adapter type

Wire Harness : UL1007 AWG#26

| Wire Color | Brown | Red | Orange | Yellow |
|------------|-------|-----|--------|--------|
| Function | — | COM | L1 | L2 |

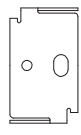
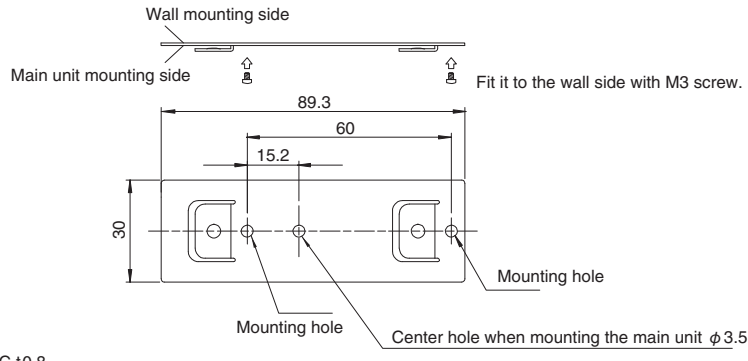
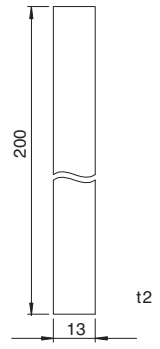
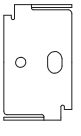
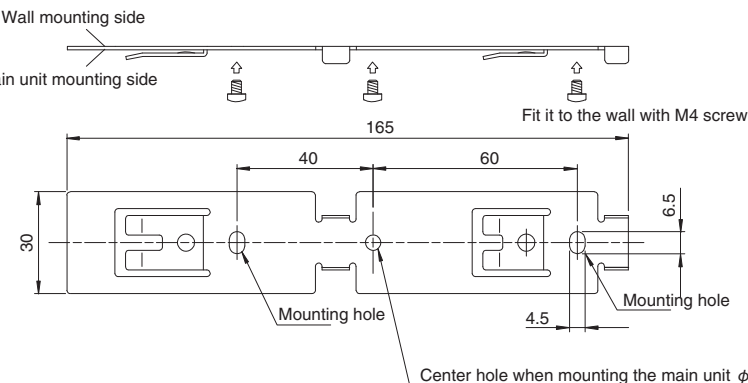
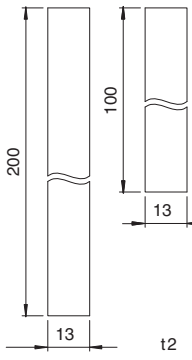
Connect with AC Adapter and make short-circuit COM-L1, L2 accordingly. Simultaneous lighting / Dimmer function is not available for AC adapter type.

Dual Color combination

| | | | |
|--------|------|-------|-------|
| COM-L1 | Red | Red | Green |
| COM-L2 | Blue | Green | Blue |

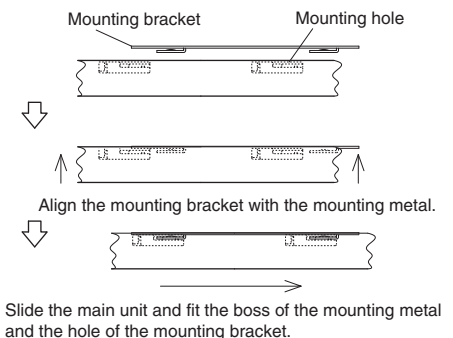
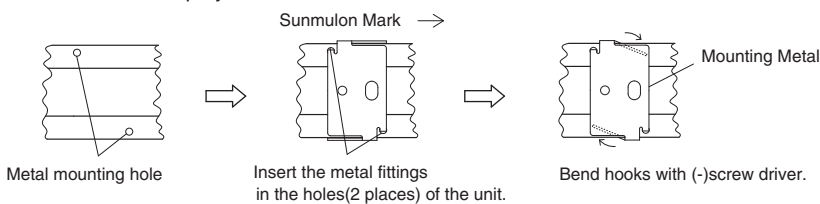
MONTING METHOD

●使用部品

| | Mounting metal | Mounting Parts Mounting Bracket | Magnet Sheet |
|-----|--|--|--|
| XL |  SECC t0.8 |  <p>Fit it to the wall side with M3 screw.</p> <p>Part No. : XL-1301 (Set of mounting metal 2 pcs and mounting bracket 1 sheet)</p> |  <p>Part No. : XL-1302 (2 pcs of Magnet sheet)</p> |
| XL3 |  SECC t0.8 |  <p>Fit it to the wall with M4 screw.</p> <p>Part No. : XL-1455 (Set of mounting metal 2 pcs and mounting bracket 1 sheet)</p> |  <p>Part No. : XL-1454 (2 large and small each 1 set)</p> |

●How to install using mounting parts

1. Mount 2 pcs of metal on the bottom of the unit.
2. Mount bracket on the wall.
3. Set metals and projections of bracket, and slide in.

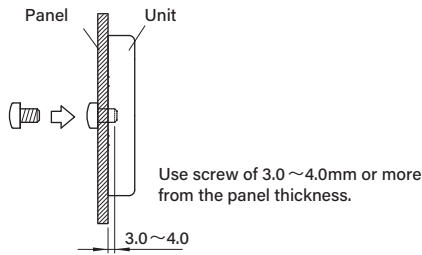


On the other hand, it is possible to mount with adhesive couple-face tape or hang with string etc., provided that you confirm its safety.

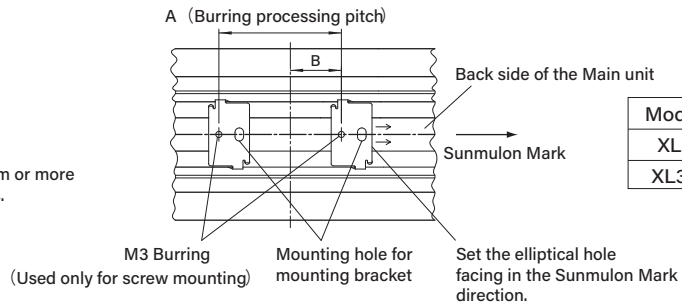
MOUNTING METHOD

● Using mounting metal

1. Mount 2 pcs. of metal on the bottom of the unit.
2. Drill holes in the panel and fix with the M3 screw from the back of the panel to burring part of the mounting metal.



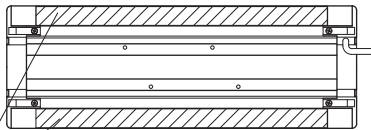
• Mounting metal



| Model | A | B |
|-------|-----|----|
| XL | 60 | 25 |
| XL3 | 100 | 35 |

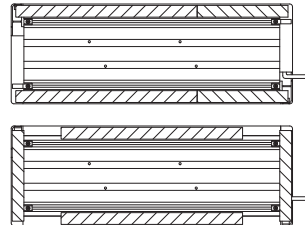
● Using Magnet Sheet (For easy mounting, when mounting securely, use the mounting metal and bracket.)

• XL



Attach a magnet sheet with couple-face tape to the back of the main unit. After pasting, it can be attached to an iron plate etc.

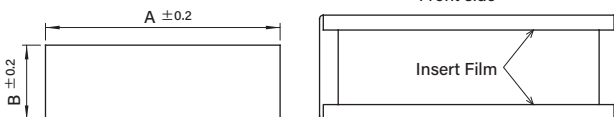
• XL3



2 pcs. of Magnet Sheet with couple-face tape to be appended.

RECOMMENDED SIZE OF INSERTING FILM

● File (PET t=0.1)



| Model | A | B |
|-------|-------|------|
| XL | 209.8 | 75.8 |
| XL3 | 278 | 96.5 |

※ Please write favorite words down with PC and print on film. Then, cut the film accordingly.

※ Please do not disassemble the main unit.

ORDERING CODE

XL -

●SIZE

| | |
|-------|-------------|
| Blank | 240mm×84mm |
| 3 | 310mm×110mm |

●ILLUMINATION

| | |
|----|------------|
| W0 | Mono Color |
| W3 | Dual Color |

●LED COLOR

| | | |
|------------|-------|--------------|
| Mono color | 7 | Red |
| | 9 | Yellow |
| | 14 | Blue |
| | 16 | White |
| Dual Color | 18 | Green |
| | 7 14 | Red · Blue |
| | 7 18 | Red · Green |
| | 14 18 | Blue · Green |

●HOUSING COLOR

| | |
|---|-------|
| K | Black |
| F | Ivory |

●WIRE HARNESS LENGTH

| | |
|----|--------|
| W1 | 500mm |
| W2 | 1000mm |

●MOUNTING ACCESSARY

| | |
|---|----------------|
| 1 | Mounting Metal |
| 2 | Magnet Sheet |
| X | Not needed |

※To be appended

●SUPPLY VOLTAGE

| | |
|---|-----------------|
| 2 | 12V |
| 3 | 24V |
| A | AC Adapter type |

※Selected A, simultaneous lighting of dual-color and dimmer lighting can not be performed.

In addition, two wire harnesses are attached, one for color change and the other for AC adapter connection with DC jack.

Main unit is DC 12V type.

※AC adapter is not sold at our company.

Mono Color : Put color no. into the frame 1.

Dual color : Put color no. into the frame 1, 2 (714, 718, 1418)