

**SENKEN**

Security & Signal Equipment Engineer

**New!**

**EMC REG10  
AND ECE REG65  
APPROVED**



**LL109H** *Extra*

**SUPER BRIGHTNESS LED WARNING LIGHTS**

# LL109H Extra

SUPER BRIGHTNESS SURFACE MOUNTING LED WARNING LIGHT

**SENKEN**

Security&Signal Equipment Engineer

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LL109H Gen3 LED warning light is specially designed with moisture and vibration resistant. Perfect for mounting in the grille, on the side mirrors and the side doors, bumpers and any other positions where warning signal is required. Suitably fitting on the police car, motorcycle, farm vehicle, lift truck, ambulance and so on.



## Features:

- Extra powerful Gen3 LEDs as light source and specially designed optical fresnel lens to deliver high brightness at wide angles.
- Epoxy potted circuit board with high anti-impact and water-proof performance.
- Sync technology used to allow four lights to flash simultaneously or alternately.
- Total 12 flash patterns could be applied.
- Certified by EMC Reg10 and ECE Reg65.

## Technical Specifications:

Color temperature:	6300
Power dissipation:	8.5W
Operation voltage range:	10Vdc-30Vdc
Dual voltage:	12Vdc-24Vdc
Current Consumption:	12Vdc/ 500 Amps 24Vdc/ 280 amps
# of LEDs:	8 Gen3 LEDs
Light sync technology:	YES
Operation temperature:	-40 °C to +65 °C
Dimensions (Length ×width ×height):	4.53 ×3.0 ×1.18(unit=inch)



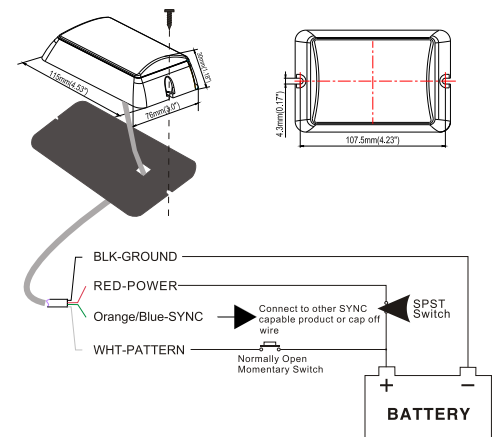
## Colour Options

- R=Red
- B=Blue
- W=White
- A=Amber
- RB=Red-Blue
- BW=Blue -White

## Flash Pattern: 12

1. Quad flash (75 f/m)
2. Single flash(75 f/m)
3. Double flash(75 f/m)
4. Three consecutive flash(75 f/m)
5. Quad flash (125 f/m)
6. Double flash(125 f/m)
7. Single flash(125 f/m)
8. Double flash and Single flash (125 f/m)
9. Single flash 1 and Single flash 2(75 f/m)
10. Quad flash and Single flash (75 f/m)
11. Slow Double flash(125 f/m)
12. Three consecutive flash(125 f/m)

## Wiring & Mounting Schematic



**This light utilizes High-intensity LED Lamps. DO NOT stare directly into the light while it is on. As momentary blindness and/or permanent eye damage may result. Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death.**