

LED Round Lights

KHE-2100S



■ Features

- Highly visible due to a bright and wide distribution of light.
- Long-lasting LED type with low power consumption.
- Closed-structure based upon JISC0920 jet-water proof type (IP65).
- RoHS directive compliant.

■ Model Designation

KHE - 2100S - 7 R

Lighting Color **R**: Red
Rated Voltage **4**: 24V DC
7: 100V AC/DC
Model Name

■ Specifications

Rated Voltage	24V DC $\pm 10\%$	100V AC/DC $\pm 10\%$
Rated Current	100mA	34mA
Insulation Resistance	100M Ω or more between live parts and ground measured by 500V DC megohmmeter	
Withstand Voltage	2000V AC for 1 minute between live parts and ground	
Operating Environment	Temperature: $-15\sim 40^{\circ}\text{C}$, Humidity: 20~95% RH (No freezing or condensation)	
Reverse Voltage	1000V ($I_{\text{RRM}} = 10\mu\text{A}$) 24V DC only	
Panel Thickness	1.0~6.0mm	
Weight	430g	

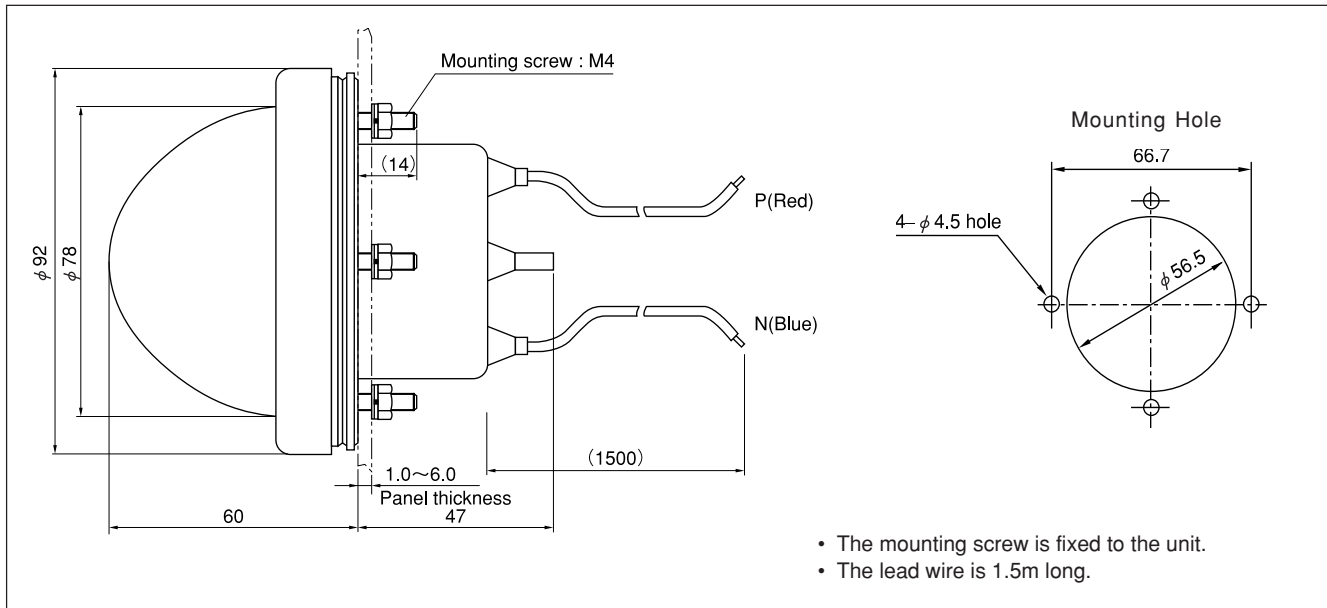
■ Materials

Lens	Glass
Ring	Zinc die-casting (chrome plated)
Attachment panel	Zinc die-casting (nickel plated)
Waterproof Cover	Thermoplastic elastomer
Mounting Screw/Nnt	Stainless steel

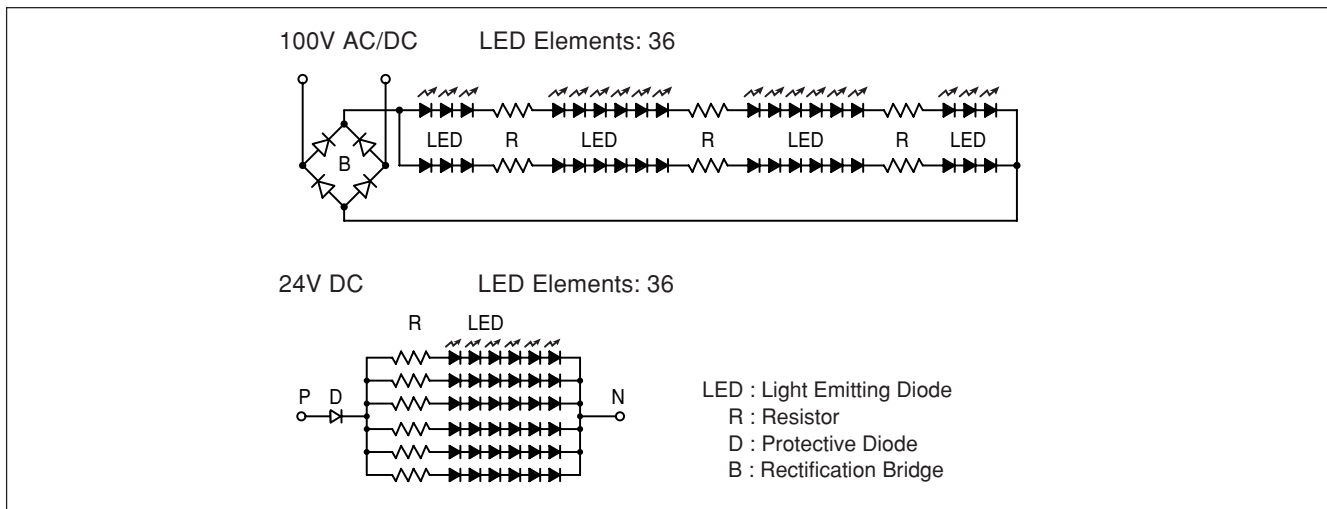


- When used in a circuit with induced or leakage current, the LED may unintentionally light. To prevent this malfunction, insert a resistor parallel to the indicator terminal.
- Unless otherwise mentioned, all dimensions are indicated in "mm" in this book.

■ Dimensions



■ LED Unit Circuit Diagram



■ Mounting

Remove the mounting nut from the unit. Insert the unit from the front surface of the control panel, and tighten from the back using the nut.
 Please bind tight in torque 1.4N·m ~ 1.8N·m with a recommendation bundle.

■ Wiring

Connect using the lead wire (approx. 1.5m). The red wire goes to the P (+) side, and the blue wire goes to the N (-) side.