

Drawing No.	Rev.	Page
GL10-M1N-A18	A	1/4

# SPECIFICATIONS

Product Name: Flashing Beacon

Model: GL10-M1N-T

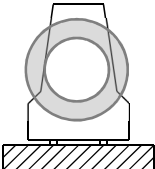
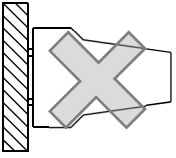
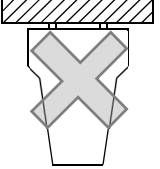
Drawn	K. Koizumi 11. Oct. '24
Checked	T. Aono 11. Oct. '24
Approved	T. Umemoto 11. Oct. '24



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Drawing No.	Rev.	Page
GL10-M1N-A18	A	2/4

## [1. General Specifications]

Model		GL10-M1N-T		
Rated Voltage		12 - 24V DC		
Operating Voltage Range		10 - 32V DC		
Rated Current Consumption	12V DC	Typ.	0.32A (Red, Triple flash, High speed)	
		Max.	1.0A	
	24V DC	Typ.	0.17A (Red, Triple flash, High speed)	
		Max.	0.5A	
Rated Power Consumption		Max.	12.0W	
Operating Ambient Temperature		-40°C to +85°C		
Operating Ambient Humidity		90% RH or less (No condensation)		
Storage Ambient Temperature		-40°C to +85°C		
Storage Ambient Humidity		90% RH or less (No condensation)		
Mounting Location		Indoor/Outdoor (Construction equipment allowed)		
Mounting Direction		 <p>Upright</p>	 <p>Sideways</p>	 <p>Inverted</p>
Protection Rating		IP6X, IPX6 (IEC 60529), IPX9K (ISO 20653)		
Environmental Condition		Upright*		
Vibration Resistance		110m/s <sup>2</sup> (JIS D 1601:1995)		
Impact Resistance		1,000m/s <sup>2</sup> , 11ms (IEC60068-2-27:2008)		
Mass (Tolerance ±10%)		840g		
Outer Dimensions		Refer to "Outer Dimension Drawing"		
Conformity Standards		EN ISO 13766-1 EN IEC 63000		
Remarks		<ul style="list-style-type: none"> <li>• Conforms to the CE requirements.</li> <li>• Conforms to the UKCA requirements.</li> <li>• Complies with ISO 16750.</li> <li>• The EMC level is in conformity with a requirements of ECE Regulation No.10.06 standards.</li> <li>• Due to the characteristics of the LED elements, there may be a slight variation in color tone and brightness between products.</li> <li>• When the inside of the main unit becomes hot, the light is selfresponsively dimmed to protect the main unit, even within the ambient temperature of use.</li> </ul> <p>* When mounting holes and wire entry holes machined in accordance with the mounting dimensions diagram are used. (Refer to "5. Outer Dimension Drawing")</p>		

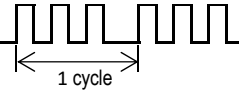
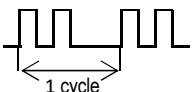
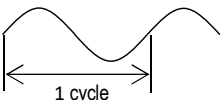
[2. Model]

# G L 1 0 - M 1 N - T

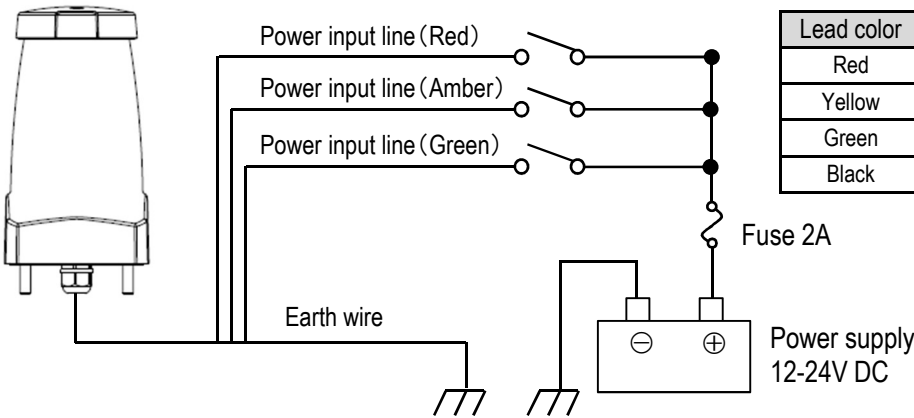
Control Specification

Blank : Voltage application control

[3. Operating Specifications]

Luminous color	Luminous pattern	Flash rate
Red	Triple flash 	125 flashes per minute (High speed)
Amber	Double flash 	63 flashes per minute (Medium speed)
Green	Slow flash 	31 flashies per minute (Low speed)

[4. Wiring Example]



Lead color	Function
Red	Power input line (Red)
Yellow	Power input line (Amber)
Green	Power input line (Green)
Black	Earth wire

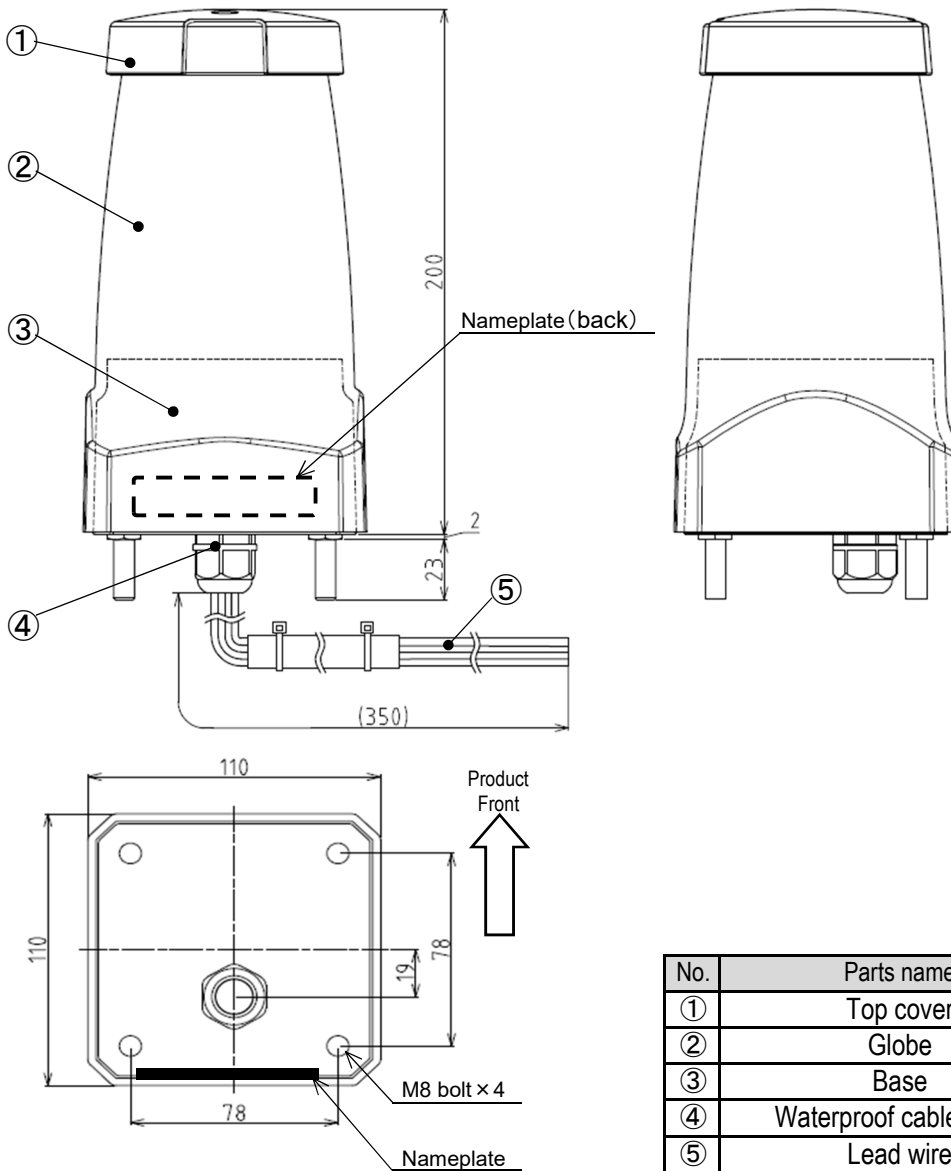
Luminous color	Lead color			
	Red	Yellow	Green	Black
Red	Power supply ⊕	Unconnected	Unconnected	Earth ⊖
Amber	Unconnected	Power supply ⊕	Unconnected	Earth ⊖
Green	Unconnected	Unconnected	Power supply ⊕	Earth ⊖

**MEMO**

Simultaneous connection of the Red color and Yellow color Power input lines to the Power supply ⊕ will produce a Amber color light.  
 Simultaneous connection of the Red color and Green color Power input lines to the Power supply ⊕ will produce a Green color light.  
 However simultaneous connection of the Yellow color and Green color Power input lines to the Power supply ⊕ will turn off the light.

**[5. Outer Dimension Drawing]**



**[Mounting Dimensions]**

