

Drawing No.	Rev.	Page
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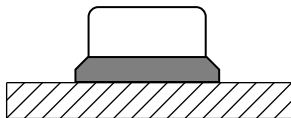
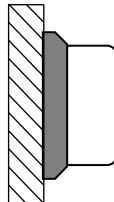
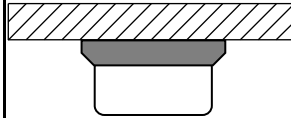
# SPECIFICATIONS

Product Name: Flashing Beacon

Model: GL7-M1N-T

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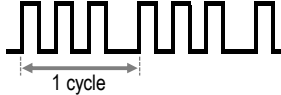
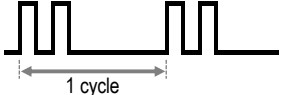
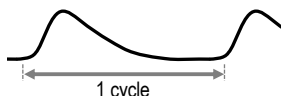
## [1. General Specifications]

Model			GL7-M1N-T		
Rated Voltage			12 - 24V DC		
Operating Voltage Range			10 - 32V DC		
Rated Current Consumption	12V DC	Typ.	0.16A (Red, Triple flash, High speed)		
		Max.	0.36A		
	24V DC	Typ.	0.09A (Red, Triple flash, High speed)		
		Max.	0.19A		
Rated Power Consumption		Max.	4.6W		
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			Upright	Sideways	Inverted
					 Only Indoor
Protection Rating			IP6X, IPX6 (IEC 60529), IPX9K (ISO 20653)		
Environmental Condition			Upright / Sideways		
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%)			0.14kg (Without accessories)		
Outer Dimensions			Refer to "Outer Dimension Drawing"		
Conformity Standards			EN ISO 13766-1 EN IEC 63000 ECE R10.06 KS C 9990 FCC Part15 SubpartB ClassA ICES-003 Class A		
Remarks			<ul style="list-style-type: none"><li>• Conforms to the CE requirements.</li><li>• Conforms to the UKCA requirements.</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>• "Red Luminescence" and "Amber Luminescence" flash patterns meet SAE J845 Class 3.</li></ul>		

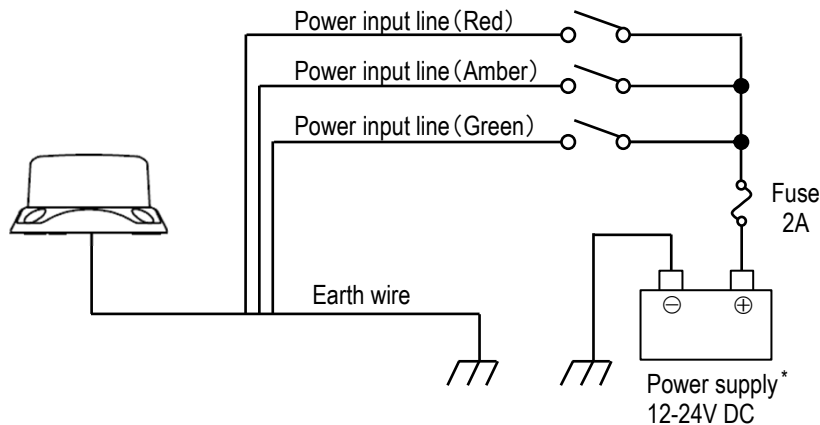
## [2. Model]

# GL7 - M1N - T

## [3. Operating Specifications]

Luminous color	Flash pattern		Number of flashes
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

\* If the battery is not used, connect the power input line to the power supply⊕ and the earth wire to the power supply⊖.

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 Yellow color and Green color Power input lines to the Power supply ⊕ will turn off the light.

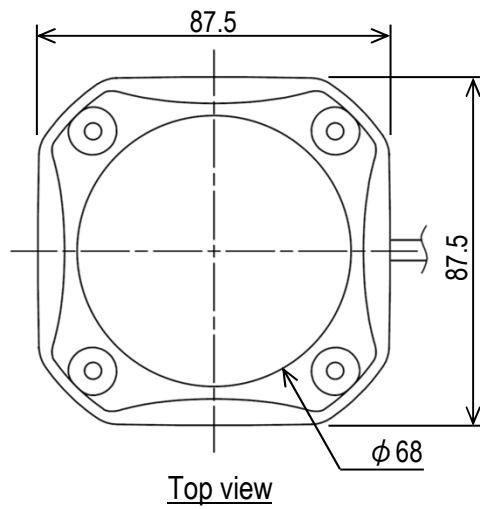
Simultaneous connection of the Red color and Yellow color and Green color Power input lines to the Power supply ⊕ will turn off the light.

Simultaneous connection of the Red color and Green color Power input lines to the Power supply ⊕ will produce a Green color light.

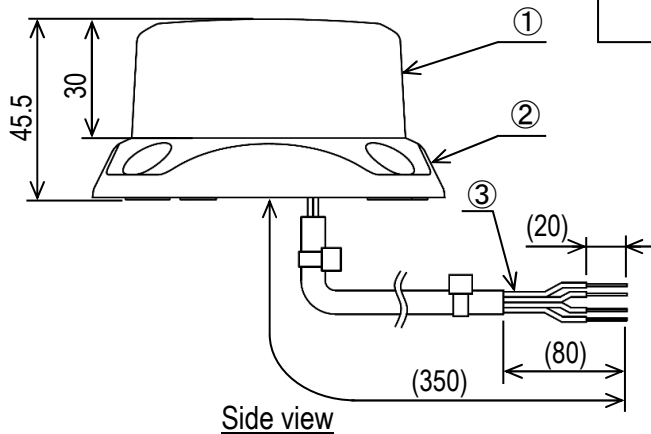
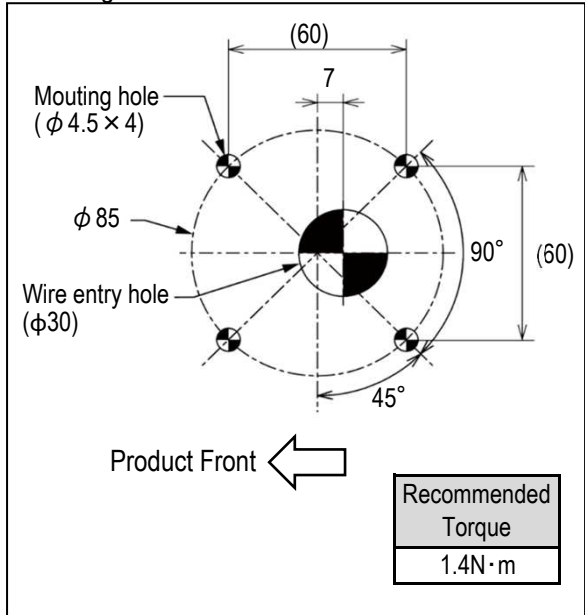
Simultaneous connection of the Red color and Yellow color Power input lines to the Power supply ⊕ will produce a Amber color light.

## [5. Outer Dimension Drawing]

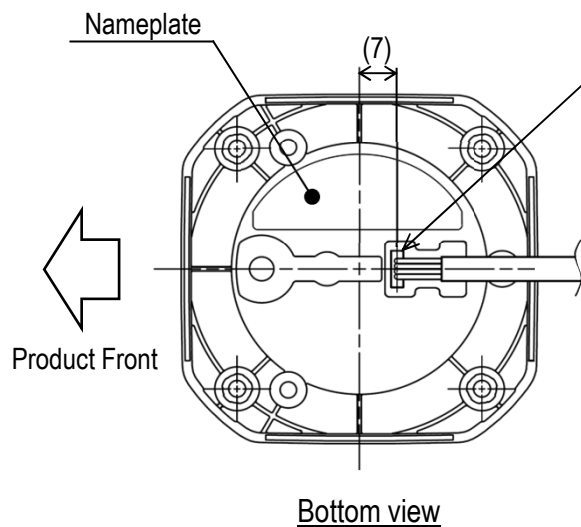
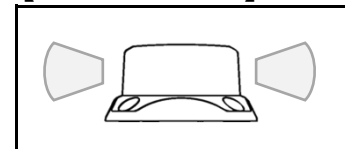
(Unit: mm)



### 【Mounting Dimensions】



### 【Luminous Direction】



No.	Parts name	Material
①	Globe	PC(Clear)
②	Base	PC
③	Lead wire	Conductor Wire Square 0.5mm <sup>2</sup>

Accessories		
Pan head screw Size : M4×25 Matl : Stainless steel  4 pcs.	Flat washer Size : nominal dia. 4 Matl : Stainless steel  8 pcs.	Hexagon nut * Size : M4 Matl : Stainless steel  4 pcs.

\* This nut has alocking function.