

RLR

LED Revolving Warning Light



LED



Ø162

IP66



Ideal for forklift, material handling equipment and a great variety of applications.

FEATURES

- Has the CE mark and conforms to the requirements (for 12V, 24V, 48V type) for the EC directive.
- Colors available are Red, Amber, Green, and Blue.
- RLR complies with the RoHS Directive.

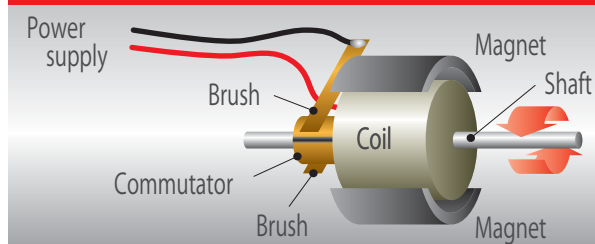
LED + Brushless Motor + Bearing Mechanism



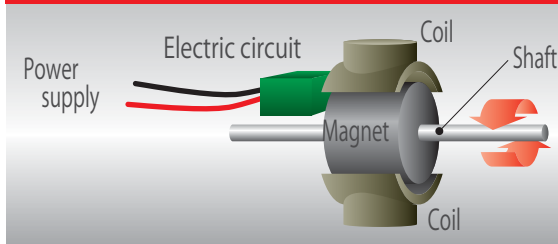
Long Life

The RLR has many advantages in comparison to a rotating beacon using incandescent bulbs and the conventional motor. The LED will last approximately 20 to 40 times longer than an incandescent bulb, and in combination with a brushless motor with bearings, allows the RLR to operate from 8,000 hrs to 10,000 hrs, compared to 5,000 hrs for other rotating beacons.

Conventional Motor Construction



Brushless Motor Construction





Vibration
Resistance*



High
Visibility



High
Protection

IP66 TEST PROCEDURE

IPX6= Water is sprayed for at least 3 minutes at a flow rate of 100 L/min from a distance between 2.5m to 3.0m, and from all 360° directions using a 12.5mm diameter jet hose nozzle.

IP6X= The target unit is tested under-pressure in a dust chamber for 8 hours.

How to Order

Model Code

Rated Voltage
04 : DC 48V
M1 : DC 12-24V
M2 : AC 90~250V

RLR-04-P-R

Color

R : Red
Y : Amber
G : Green
B : Blue

Mounting Dimensions

Blank: $\phi 140$
P: $\phi 120$

Typical Vibration Values

2G (19.6m/s²)



Passenger Car

4.5G (44.1m/s²)



Construction Machinery

7G (68.6m/s²)



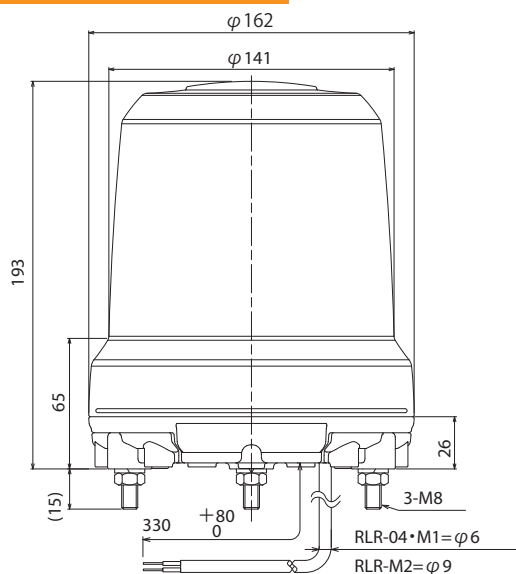
Emergency Vehicle

11G (107.8m/s²)

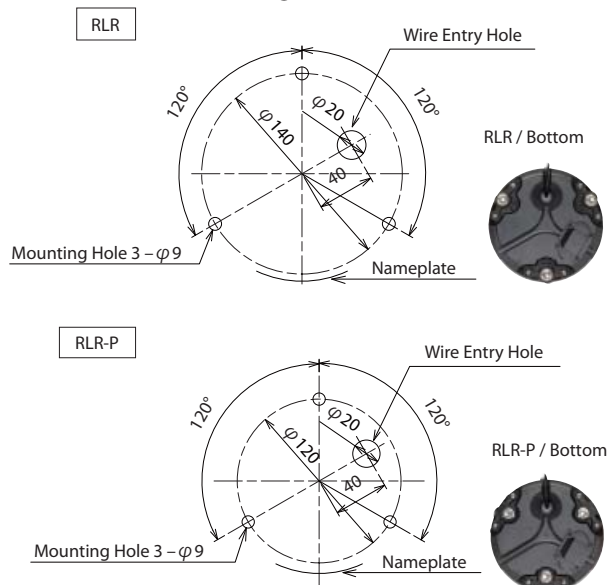


Dump Trucks

Dimensions



Mounting Dimensions



(Unit: mm)

Specifications

Model	Rated Voltage	Operating Voltage Range	Vibration Resistance	Operating Temperature Range	Dome	Mass
RLR-M1	DC 12-24V	DC 9.5V - 15V	110m/s ² (11G)	-30 C - +70 C	-R (Red)	1.0kg
RLR-04	DC 48V	DC 20V - 30V			-Y (Amber)	
RLR-M2	AC 90-250V	AC 90V - 250V	45m/s ² (4.5G)	-10 C - +50 C	-G (Green)	1.06kg
					-B (Blue)	