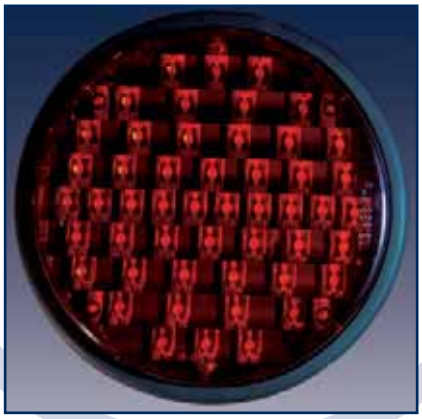
# Dialight

# P46 SERIES

## 5 ½" Round Rail Car LED Marker Lamp



**Certification:**
**Federal Railroad Administration (FRA) - Part 221**

## FEATURES / BENEFITS

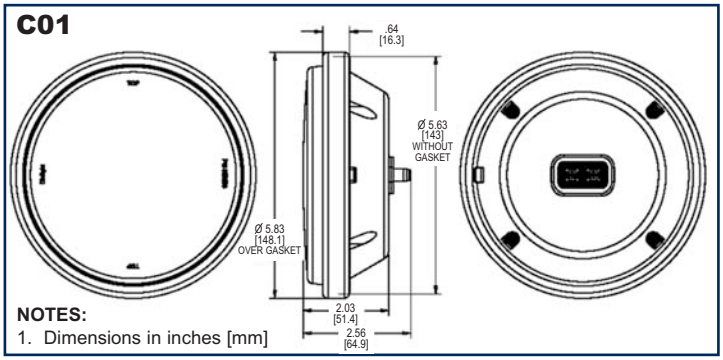
- High vibration resistance
- Longer life-25k hours
- Reduced current draw
- Transient voltage protected
- Durable hard coated polycarbonate lens
- Rugged cast aluminum housing
- 24 to 90 VDC operating range
- CO1 comes with screw terminals on rear of lamp
- CO3 comes with fast-on connections
- Rubber grommet included for enclosure seal
- Compatible with most existing fixtures
- High intensity red LED lamp
- Complies with the FRA lighting requirements as specified in CFR 49 part 221

## APPLICATION

The P46 LED rail car marker lamp is designed to surpass the operational and lifetime characteristics of the current incandescent sealed beam lamps that are currently used on a wide variety of rail car lighting fixtures. The vibration resistant design make these devices ideal for use in rail and rugged industrial applications. The lamp's aluminum housing combined with the hard coated polycarbonate lens provides durability that far exceeds the durability of the existing glass encased lamps. In addition the wide operating voltage range results in a lamp that is less susceptible to large voltage variances.

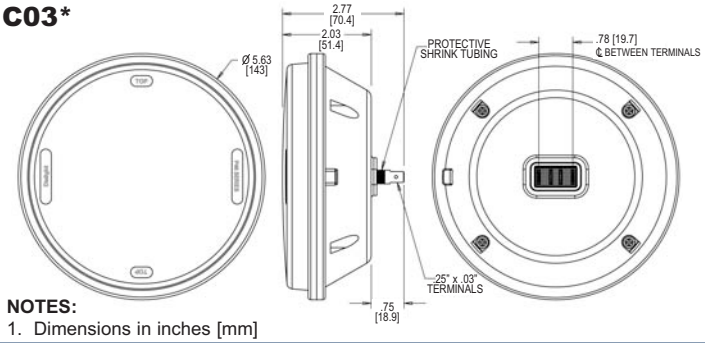
## SPECIFICATIONS

**C01**




NOTES:
1. Dimensions in inches [mm]

**C03***




NOTES:
1. Dimensions in inches [mm]

| Part Number | Description | Typical Current | Color |
|---|---|---|---|
| P46-1R05-C01 | 24 – 90 Volts DC | 500 mAmps@ 36 VDC | RED |
| P46-1R05-C03* | 24 – 90 Volts DC | 500 mAmps@ 36 VDC | RED |

*** fast-on connections**

ENERGY STAR PARTNER

A4703 UL REGISTERED FIRM ISO 9001
Dialight Corporation

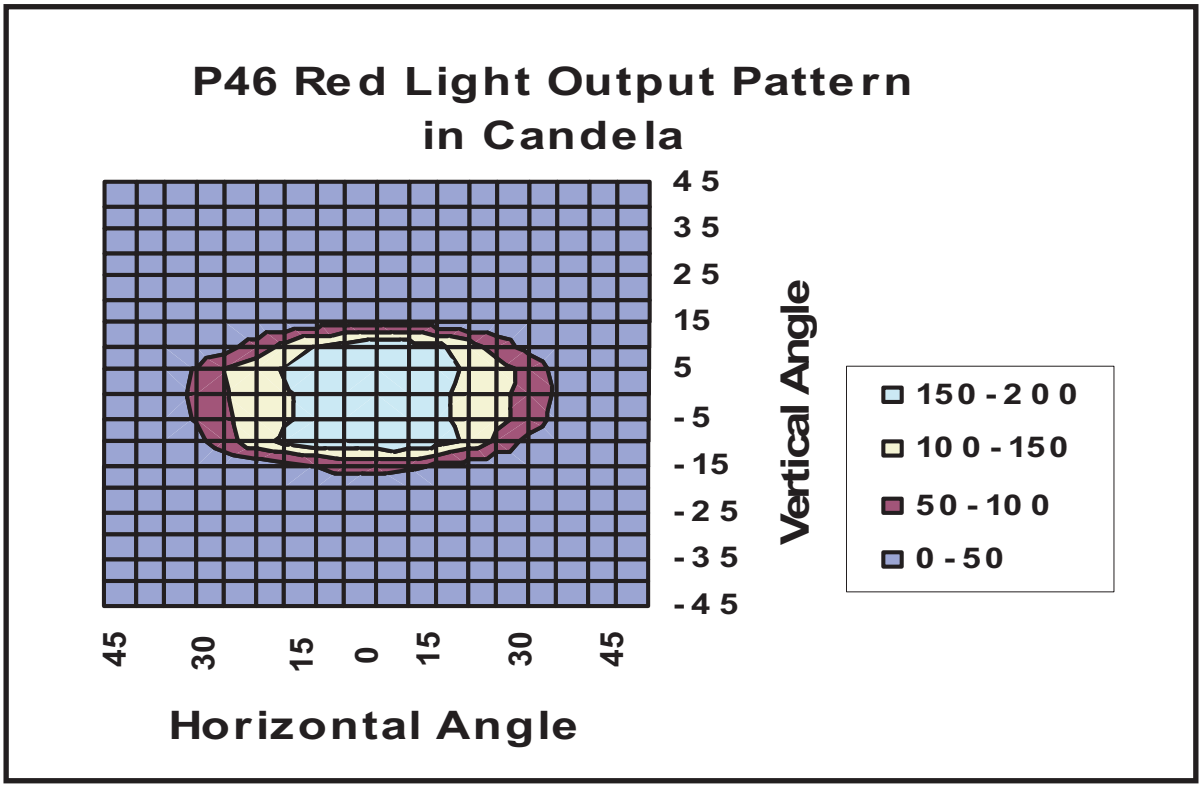
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