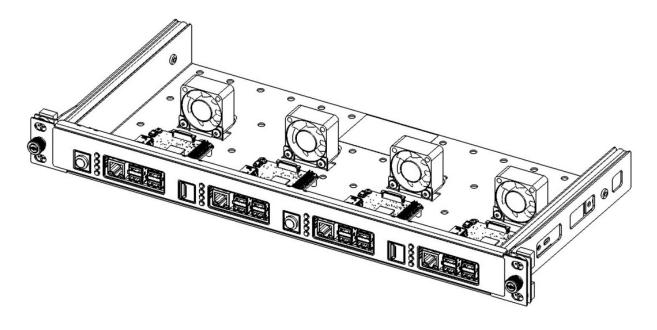
Assembly instructions
zr-led-g (green)
zr-led-r (red)
zr-led-y (yellow)



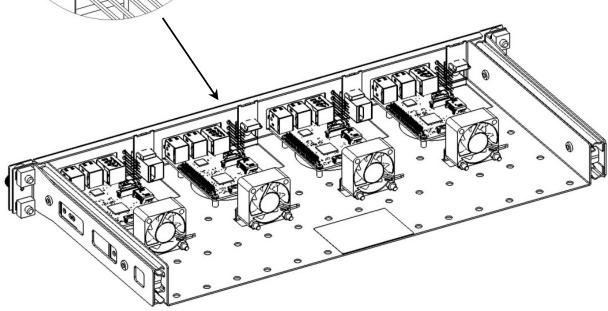
The smart difference.





Insert LED

Insert the LED from the back of the Rack Mount Kit into the holes provided and fix them with the appropriate mounting adhesive (not included in the scope of supply).



The smart difference. Page 1/1



Kingbright

T-1 (3mm) LOW CURRENT LED LAMPS

L-934LI HIGH EFFICIENCY RED

L-934LY YELLOW

L-934LG GREEN

L-934LSR SUPER BRIGHT RED

Features

- •MINIMUM LUMINOUS INTENSITY SPECIFIED AT 2 mA.
- •HIGH LIGHT OUTPUT AT LOW CURRENTS.
- •LOW POWER CONSUMPTION.
- •LOW CURRENT REQUIREMENTS.
- •WIDE VIEWING ANGLE.
- •I.C. COMPATIBLE.
- •RELIABLE AND RUGGED.

Description

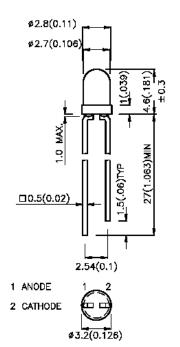
The Green source color devices are made with Gallium Phosphide Green Light Emitting Diode.

The High Efficiency Red source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Orange Light Emitting Diode.

The Yellow source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Yellow Light Emitting Diode.

The Super Bright Red source color devices are made with Gallium Aluminum Arsenide Red Light Emitting Diode.

Package Dimensions



- Notes: 1. All dimensions are in millimeters (inches).
- Folerance is ±0.25(0.01") unless otherwise noted.
 Lead spacing is measured where the lead emer
- ge package.

 4. Specifications are subjected to change without notice.

Selection Guide

| Part No. | Dice | Lens Type | lv (mcd) @ 2 mA | | Viewing Angle |
|-----------|---------------------------------|-----------------|--------------------|------|------------------|
| | | | Min. | Max. | 201/2 |
| L-934LID | HIGH EFFICIENCY RED (GaAsP/GaP) | RED DIFFUSED | 0.8 | 5 | 60° |
| L-934LGD | GREEN (GaP) | GREEN DIFFUSED | 8.0 | 3.2 | 60° |
| L-934LYD | YELLOW (GaAsP/GaP) | YELLOW DIFFUSED | 8.0 | 3.2 | 60° |
| L-934LSRD | SUPER BRIGHT RED (GaAlAs) | RED DIFFUSED | 8 | 20 | 60" |

1. 01/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

The smart difference.

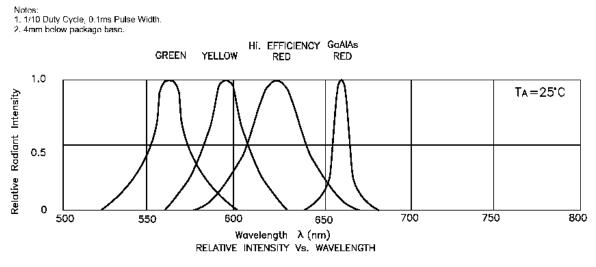


Electrical / Optical Characteristics at TA=25°C

| Symbol | Parameter | Device | Тур. | Max. | Units | Test Conditions |
|--------|----------------------------|--|---------------------------|---------------------------|-------|-----------------|
| λpeak | Peak Wavelength | High Efficiency Red Green Yellow Super Bright Red | 625 565 590 660 | | nm | IF=2mA |
| Δλ1/2 | Spectral Line Halfwidth | High Efficiency Red Green Yellow Super Bright Red | 45 30 35 20 | | nm | IF=2mA |
| С | Capacitance | High Efficiency Red Green Yellow Super Bright Red | 12 45 10 95 | | pF | VF=0V;f=1MHz |
| VF | Forward Voltage | High Efficiency Red Green Yellow Super Bright Red | 1.7 1.9 1.8 1.65 | 2.0 2.2 2.1 1.95 | v | IF=2mA |
| IR | Reverse Current | All | 10 | | μА | VR = 5V |

Absolute Maximum Ratings at TA=25°C

| Parameter | High Efficiency Red | Green | Yellow | Super Bright Red | Units | | |
|--------------------------------|------------------------|-------|--------|---------------------|-------|--|--|
| Power dissipation | 105 | 105 | 105 | 100 | m₩ | | |
| DC Forward Current | 30 | 25 | 30 | 30 | mA | | |
| Peak Forward Current [1] | 1 50 | 150 | 150 | 150 | mA | | |
| Reverse Voltage | 5 | 5 | 5 | 5 | V | | |
| Operating/Storage Temperature | -40°C To +85°C | | | | | | |
| Lead Soldering Temperature [2] | 260 ° C For 5 Seconds | | | | | | |



The smart difference.



