

**JUNO**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

# 4" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 4"  
RECESSED HOUSINGS  
**4RLD G3 09LM**



## PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 4" IC or non-IC recessed housings • Replaces 75W incandescent lamp, producing over 900 lumens • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • LED retrofit module is designed to provide 50,000 hours of life • 5 year warranty

## PRODUCT SPECIFICATIONS

**LED Retrofit Downlight Trim** Cast aluminum trim with white baffle and flange. All-in-one design where LED light engine mounts directly to trim for ease of installation into existing 4" recessed housings with medium base sockets • Provided with push-in friction springs.

**LED Light Engine** LEDs mounted directly to aluminum housing designed to provide superior thermal management and ensure long life • 2700K, 3000K, and 3500K LED color temperature • 90 CRI minimum • Accommodates 120 volts AC at 60Hz • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see [JUNORETROBASICS-DIM](#).

**Electrical Connections** Trim features quick connect plug installed as standard for installation into IC1 LEDT24 and IC1R LEDT24 housings with mating connector • Trim ships as standard with a medium base socket adapter whip for installation into 4" incandescent housings with medium base sockets • Product shipping to California does not include medium base socket adapter (L/SKTWHIP).

**Trim** Cast aluminum baffle trim with white finish • Ships without E26 screw base socket adapter with L/SKTWHIP option • Diffusing lens conceals the LEDs from direct view and provides uniform aperture luminance.

**Life** Rated for 50,000 hours at 70% lumen maintenance.

**Labels** ENERGY STAR® Certified • Certified to the high efficacy requirements of California T24 • UL and cUL classified for use with most standard UL listed 4" recessed incandescent housings and Juno IC1 LEDT24 and IC1R LEDT24; see below for specific compatibility requirements • Damp location • Suitable for wet locations (indoor covered ceilings).

**Testing** All reports are based on published industry procedures; field performance may differ from laboratory performance.

Specifications subject to change without notice.

## INSTALLATION

The LED retrofit baffle trim is provided with push-in friction springs as standard.

### COMPATIBLE HOUSINGS

The 4RLD retrofit baffle trim is compatible with most 4" recessed housings measuring at least 4" high with an inside diameter between 4" and 4-1/2".

**Compatible housings include, but not limited to:**

**Juno housings:** IC1 and TC1 Series

**Juno quick-connect LED housings:** [IC1 LEDT24](#) and [IC1R LEDT24](#)

**VuLite® housings:** V4IC and V4TC Series

**Lithonia® housings:** L3 Series

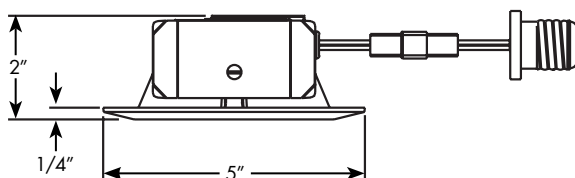
**Halo® housings:** H99 Series

**Thomas® housings:** PS4 Series

**Capri® housings:** P4 and R4 Series



## DIMENSIONS



## PERFORMANCE DATA

|                       | 27K   | 30K   | 35K   |
|-----------------------|---|---|---|
| Input Voltage         | 120V  | 120V  | 120V  |
| Input Power Typical   | 13.5W                                       | 13.5W                                       | 13.5W                                       |
| Frequency             | 60Hz  | 60Hz  | 60Hz  |
| EMI/RFI               | FCC Title 47, Part 15<br>Class B (consumer) | FCC Title 47, Part 15<br>Class B (consumer) | FCC Title 47, Part 15<br>Class B (consumer) |
| Minimum starting temp | -30°C (-22°F)                               | -30°C (-22°F)                               | -30°C (-22°F)                               |
| CRI                   | 90 min.                                     | 90 min.                                     | 90 min.                                     |
| CCT                   | 2700K                                       | 3000K                                       | 3500K                                       |

## ACCESSORIES

Replacement E26 screw base adapter for installation into incandescent housings.

**LEDRETROWHIP** Unit Pack

**LEDRETROWHIP J10** Job pack 10 pcs

**LEDRETROWHIP J25** Job pack 25 pcs

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## 4RLD G3 09LM

### ORDERING INFORMATION

Ordering Example: 4RLD G3 09LM 27K 90CRI 120 FRPC WWH

| Trim Series                                      | Generation             | Lumens                         | Color Temperature  | Color Rendering Index | Voltage         |
|--|------------------------|--------------------------------|--|-----------------------|-----------------|
| <b>4RLD</b> 4" Juno Basics<br>Retrofit Downlight | <b>G3</b> Generation 3 | <b>09LM</b> 900 Nominal Lumens | <b>27K</b> 2700K<br><b>30K</b> 3000K<br><b>35K</b> 3500K | <b>90CRI</b> 90+ CRI  | <b>120</b> 120V |

| Driver                                | Finish                            | Options  |
|---------------------------------------|-----------------------------------|--|
| <b>FRPC</b> Forward/Reverse Phase Cut | <b>WWH</b> White, White Trim Ring | <b>L/SKTWHIP<sup>1</sup></b> Less Socket Whip (California only)<br>E26 screw base adapter not included |

Notes:

1 Required for shipments to California.

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RECESSED HOUSINGS  
**4RLD G3 09LM**

## PHOTOMETRICS

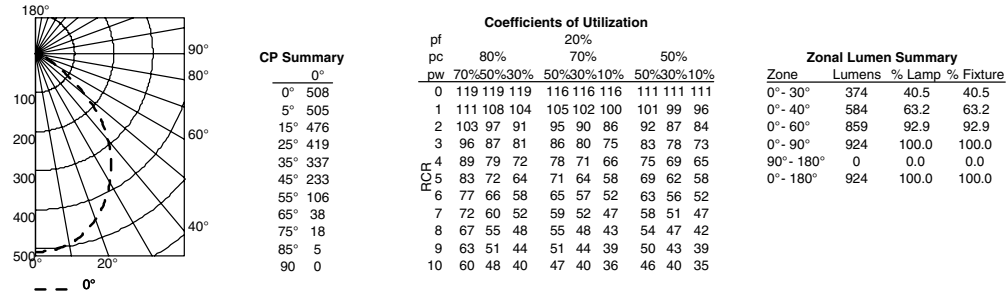
**Distribution Curve**

**Distribution Data**

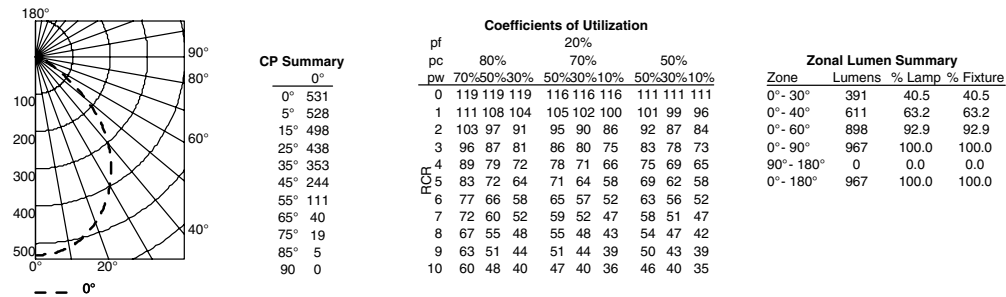
**Coefficient of Utilization**

**Illuminance Data at 30" Above Floor for  
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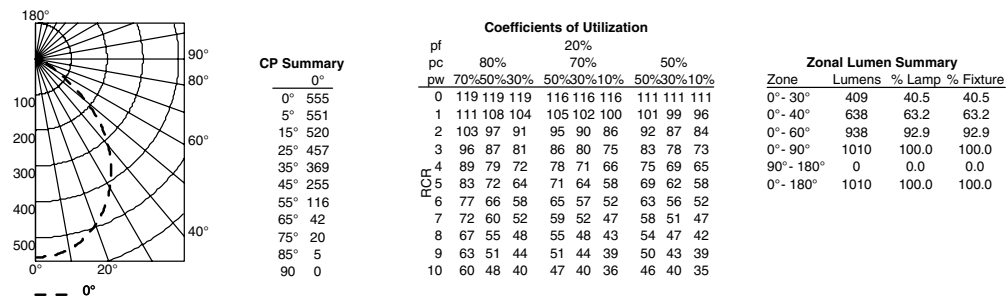
**4RLD G3 09LM 27K**, 2700K LEDs, input watts: 13.5, delivered lumens: 925, LM/W = 69, test no. PT10161302R, tested in accordance to IESNA LM-79.



**4RLD G3 09LM 30K**, 3000K LEDs, input watts: 13.5, delivered lumens: 967, LM/W = 72, test no. PT10161302R, tested in accordance to IESNA LM-79.



**4RLD G3 09LM 35K**, 3500K LEDs, input watts: 13.5, delivered lumens: 1010, LM/W = 75, test no. PT10161302R, tested in accordance to IESNA LM-79.



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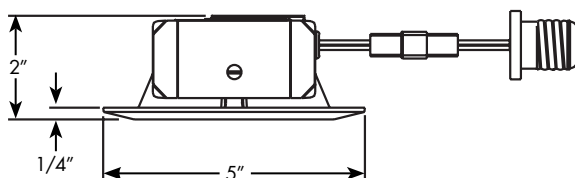
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| Driver                                | Finish                            | Options   |
|---------------------------------------|-----------------------------------|---|
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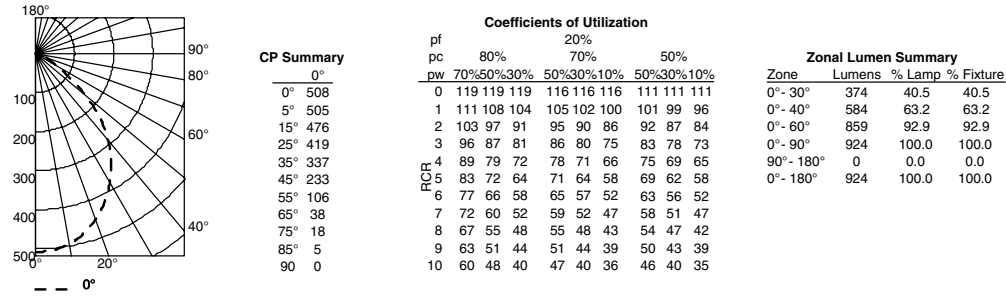
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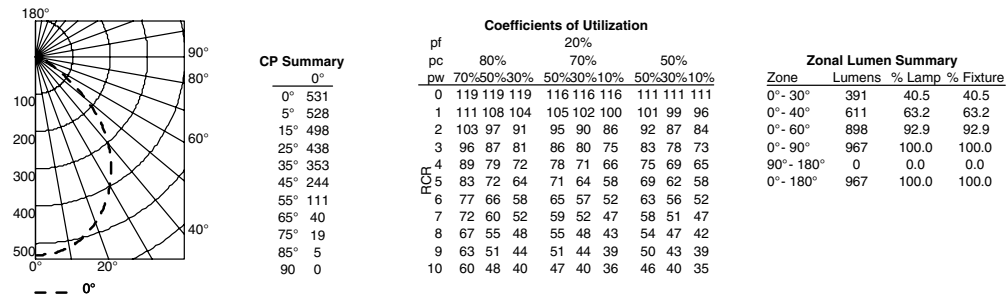
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