

# 6" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6"  
RECESSED HOUSINGS  
**6RLD G3 1000L**

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

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

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

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



## PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 6" IC or non-IC recessed housings • Replaces 75W incandescent lamp, producing over 975 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 Downlight Retrofit 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 6" recessed housings with medium base sockets • Provided with torsion springs.

**LED Light Engine** LEDs are mounted directly to cast aluminum housing providing superior thermal management to 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 IC23 LEDT24 and IC23R LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.

**Trim** Cast aluminum baffle trim with white finish • 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 6" recessed incandescent housings and Juno IC23 LEDT24 and IC23R 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 torsion springs as standard. Accessory kit available for use in housings that do not have torsion spring retaining brackets.

### COMPATIBLE HOUSINGS

The 6RLD retrofit module is compatible with most 6" recessed housings measuring at least 4" high with an inside diameter between 5-3/4" and 7". Removal of the housing socket plate or socket mounting bracket may be required in order for the trim to fit properly.

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

**Juno housings:** IC2, IC21, IC22, IC23 and TC2 Series

**Juno quick-connect LED housings:** [IC23 LEDT24](#) and [IC23R LEDT24](#)

**VuLite® housings:** V6IC and V6TC Series

**Lithonia® housings:** L7X and LC6 Series

**Halo® housings:** H7 Series, H25 Series

**Thomas® housings:** PS1 and PS3 Series

**Capri® housings:** CR1, PR1, QL6 Series, P9ASIC Series

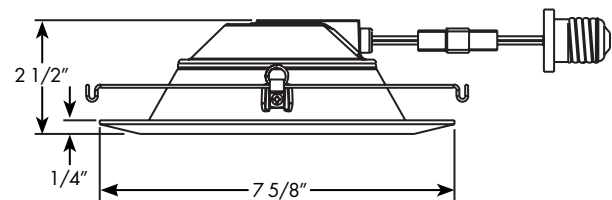
## ORDERING INFORMATION

Ordering Example: 6RLD G3 10LM 27K 90CRI 120 FRPC WWH

Trim Series	Generation	Lumens	Color Temperature	Color Rendering Index	Voltage	Driver	Finish
6RLD 6" Juno Basics Retrofit Downlight	G3 Generation 3	10LM 1000 Nominal Lumens	27K 2700K 30K 3000K 35K 3500K	90CRI 90+ CRI	120 120V	FRPC Forward/Reverse Phase Cut	WWH White, White Trim Ring



## 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 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 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

### V6RLTRB

Torsion receiver bracket kit to install into housings that do not have torsion receiver brackets.

### LEDRETROWHIP

Replacement E26 screw base adapter for installation into incandescent housings.

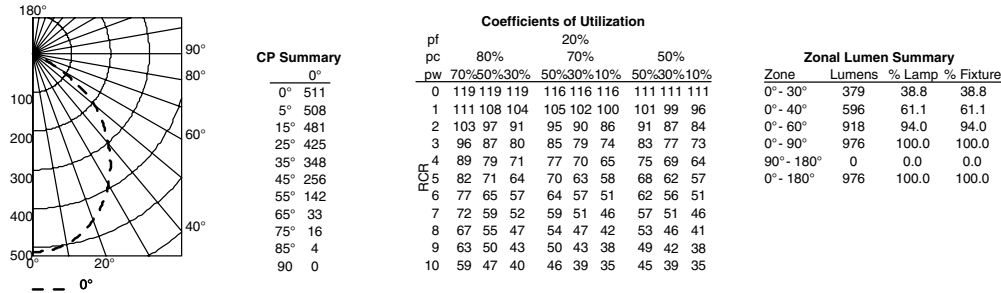
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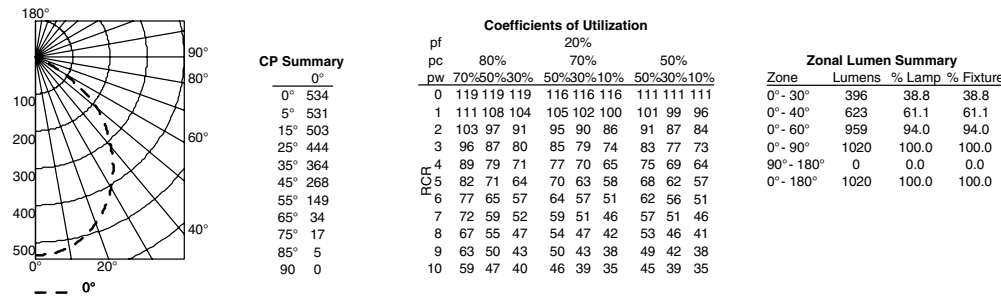
## PHOTOMETRICS

**Distribution Curve      Distribution Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

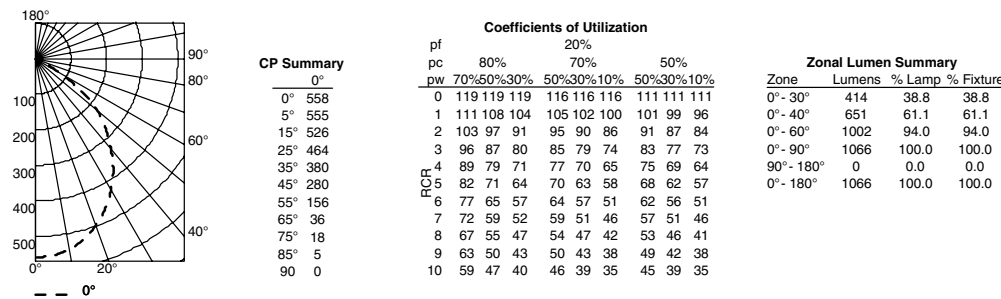
**6RLD G3 10LM 27K**, 2700K LEDs, input watts: 13.5, delivered lumens: 977, LM/W = 72, test no. PT10161404R, tested in accordance to IESNA LM-79.



**6RLD G3 10LM 30K**, 3000K LEDs, input watts: 13.5, delivered lumens: 1021, LM/W = 76, test no. PT10161404R, tested in accordance to IESNA LM-79.



**6RLD G3 10LM 35K**, 3500K LEDs, input watts: 13.5, delivered lumens: 1067, LM/W = 79, test no. PT10161404R, tested in accordance to IESNA LM-79.



For 27K fixtures, use 0.91 multiplier; For 30K fixtures, use 1.02 multiplier; For 35K fixtures, use 1.03 multiplier.

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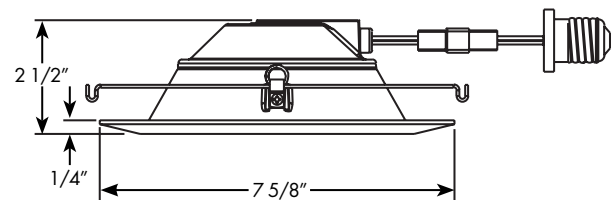
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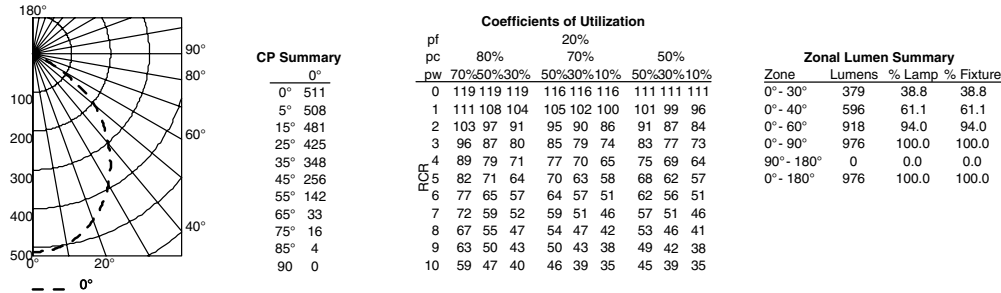
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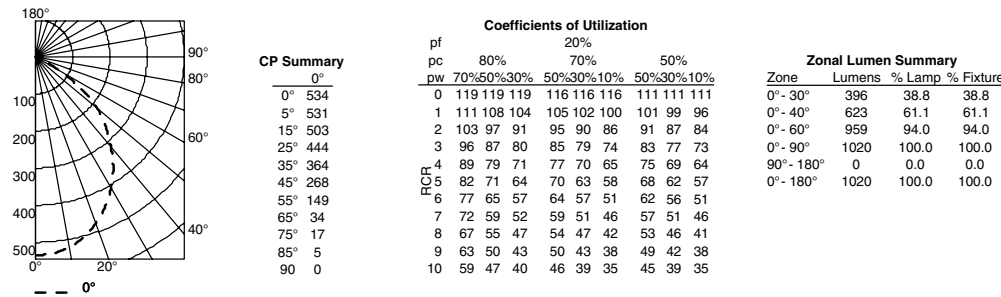
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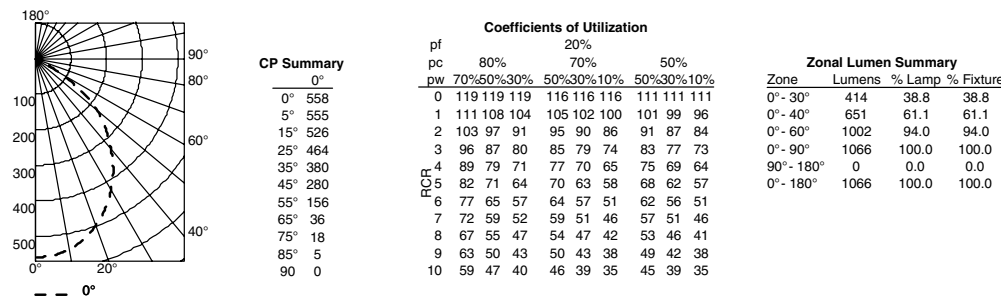
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