

# 6" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6"  
RECESSED HOUSINGS  
**6RLD G3 07LM**

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

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

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

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



## PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 6" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 700 lumens • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 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 and 3000K 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 36,000 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

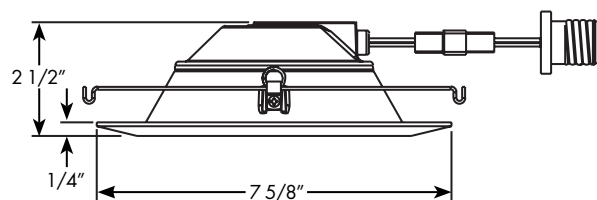
**Halo® housings:** H7 Series, H25 Series

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

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



## DIMENSIONS



## MOUNTING ACCESSORIES

### V6RLTRB

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

## PERFORMANCE DATA

	27K	30K
Input Voltage	120V	120V
Input Power Typical	10W	10W
Frequency	60Hz	60Hz
EMI/RFI	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)
CRI	90 min.	90 min.
CCT	2700K	3000K

## ORDERING INFORMATION

Ordering Example: 6RLD G3 07LM 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	07LM 700 Nominal Lumens	27K 2700K 30K 3000K	90CRI 90+ CRI	120 120V	FRPC Forward/Reverse Phase Cut	WWH White, White Trim Ring

# 6" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6"  
RECESSED HOUSINGS  
**6RLD G3 07LM**

## PHOTOMETRICS

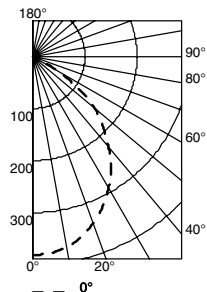
**Distribution Curve**

**Distribution Data**

**Coefficient of Utilization**

**Illuminance Data at 30" Above Floor for  
a Single Luminaire**

**6RLD G3 07LM 27K**, 2700K LEDs, input watts: 10, delivered lumens: 728, LM/W = 73, test no. PT10161403R, tested in accordance to IESNA LM-79.



**CP Summary**

0°
0° 381
5° 379
15° 359
25° 318
35° 260
45° 191
55° 106
65° 24
75° 12
85° 3
90° 0

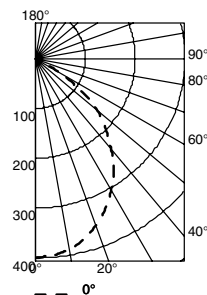
**Coefficients of Utilization**

pf	20%			
	80%	70%	50%	30%
pc	119	119	119	119
pw	70%	50%	30%	10%
	0 119 119 119 116 116 116 111 111 111			
	1 111 108 104 105 102 100 101 99 97			
	2 103 97 91 95 90 86 91 87 84			
	3 96 87 80 86 79 74 83 77 73			
	4 89 79 71 77 70 65 75 69 64			
	5 82 71 64 70 63 58 68 62 57			
	6 77 65 57 64 57 51 62 56 51			
	7 72 60 52 59 51 46 57 51 46			
	8 67 55 47 54 47 42 53 46 41			
9 63 51 43 50 43 38 49 42 38				
10 59 47 40 46 39 35 45 39 35				

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Fixture
0°- 30°	283	38.9	38.9
0°- 40°	445	61.1	61.1
0°- 60°	685	94.1	94.1
0°- 90°	728	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	728	100.0	100.0

**6RLD G3 07LM 30K**, 3000K LEDs, input watts: 10, delivered lumens: 761, LM/W = 76, test no. PT10161403R, tested in accordance to IESNA LM-79.



**CP Summary**

0°
0° 398
5° 396
15° 375
25° 332
35° 272
45° 200
55° 111
65° 25
75° 12
85° 3
90° 0

**Coefficients of Utilization**

pf	20%			
	80%	70%	50%	30%
pc	119	119	119	119
pw	70%	50%	30%	10%
	0 119 119 119 116 116 116 111 111 111			
	1 111 108 104 105 102 100 101 99 97			
	2 103 97 91 95 90 86 91 87 84			
	3 96 87 80 86 79 74 83 77 73			
	4 89 79 71 77 70 65 75 69 64			
	5 82 71 64 70 63 58 68 62 57			
	6 77 65 57 64 57 51 62 56 51			
	7 72 60 52 59 51 46 57 51 46			
	8 67 55 47 54 47 42 53 46 41			
9 63 51 43 50 43 38 49 42 38				
10 59 47 40 46 39 35 45 39 35				

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Fixture
0°- 30°	296	38.9	38.9
0°- 40°	465	61.1	61.1
0°- 60°	716	94.1	94.1
0°- 90°	761	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	761	100.0	100.0