



4" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 4"
RECESSED HOUSINGS

4RLD G3 09LM

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



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 last 36,000 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 • 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 IC1 LEDT24 and IC1R LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 4" 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 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

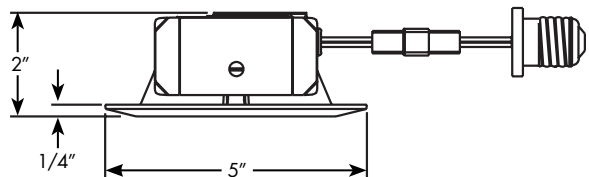
Halo® housings: H99 Series

Thomas® housings: PS4 Series

Capri® housings: P4 and R4 Series



DIMENSIONS



PERFORMANCE DATA

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

ORDERING INFORMATION

Ordering Example: 4RLD G3 09LM 30K 90CRI 120 FRPC WWH

Trim Series	Generation	Lumens	Color Temperature	Color Rendering Index	Voltage	Driver	Finish
4RLD 4" Juno Basics Retrofit Downlight	G3 Generation 3	09LM 900 Nominal Lumens	30K 3000K	90CRI 90+ CRI	120 120V	FRPC Forward/Reverse Phase Cut	WWH White, White Trim Ring

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PHOTOMETRICS

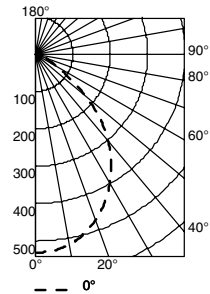
Distribution Curve

Distribution Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

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.



CP Summary

Beam Angle	CP
0°	531
5°	528
15°	498
25°	438
35°	353
45°	244
55°	111
65°	40
75°	19
85°	5
90°	0

Coefficients of Utilization

pw	20%						50%					
	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111	111	111	111
1	111	108	104	105	102	100	101	99	96	96	96	96
2	103	97	91	95	90	86	92	87	84	84	84	84
3	96	87	81	86	80	75	83	78	73	73	73	73
4	89	79	72	78	71	66	75	69	65	65	65	65
5	83	72	64	71	64	58	69	62	58	58	58	58
6	77	66	58	65	57	52	63	56	52	52	52	52
7	72	60	52	59	52	47	58	51	47	47	47	47
8	67	55	48	55	48	43	54	47	42	42	42	42
9	63	51	44	51	44	39	50	43	39	39	39	39
10	60	48	40	47	40	36	46	40	35	35	35	35

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	391	40.5	40.5
0°- 40°	611	63.2	63.2
0°- 60°	898	92.9	92.9
0°- 90°	967	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	967	100.0	100.0