

JUNO

5" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5"
RECESSED HOUSINGS
5RLD G3 09LM

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 5" IC or non-IC recessed housings • Replaces 75W incandescent lamp, producing over 950 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 5" 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 • 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 IC20 LEDT24 and IC20R LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 5" 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 5" recessed incandescent housings and Juno IC20 LEDT24 and IC20R 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.

COMPATIBLE HOUSINGS

The 5RLD retrofit module is compatible with most 5" recessed housings measuring at least 4" high with an inside diameter between 5" and 5-3/4". 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: IC20, IC25 and TC20 Series

Juno quick-connect LED housings: [IC20 LEDT24](#) and [IC20R LEDT24](#)

VuLife® housings: V5IC and V5TC Series

Lithonia® housings: L5 Series

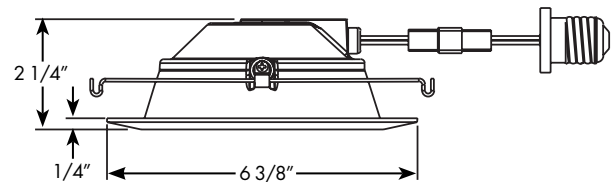
Halo® housings: H5 Series

Thomas® housings: PS5 and CR5 Series

Capri® housings: QL5 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: 5RLD G3 09LM 30K 90CRI 120 FRPC WWH

Trim Series	Generation	Lumens	Color Temperature	Color Rendering Index	Voltage	Driver	Finish
5RLD 5" 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

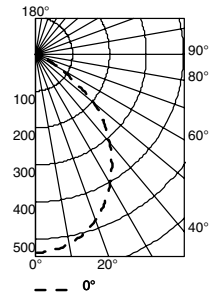
Distribution Curve

Distribution Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

5RLD G3 09LM 30K, 3000K LEDs, input watts: 13.5, delivered lumens: 1005, LM/W = 74, test no. PT10161402R, tested in accordance to IESNA LM-79.



CP Summary

Beam Angle	CP
0°	537
5°	533
15°	503
25°	443
35°	360
45°	262
55°	130
65°	37
75°	20
85°	6
90°	0

Coefficients of Utilization

pc	20%								
	80%		70%		50%		50%		
pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	111	107	104	105	102	99	101	99	96
2	103	97	91	95	90	85	91	87	84
3	96	87	80	85	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	63	56	51
7	72	60	52	59	52	46	57	51	46
8	67	55	47	54	47	42	53	46	42
9	63	51	43	50	43	38	49	43	38
10	59	47	40	47	40	35	46	39	35

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0°- 30°	395	39.4	39.4
0°- 40°	620	61.7	61.7
0°- 60°	937	93.3	93.3
0°- 90°	1005	100.0	100.0
90°- 180°	0	0.0	0.0
0°- 180°	1005	100.0	100.0