

JUNO

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

**4" BASICS SERIES™
LED RETROFIT BAFFLE TRIM**DOWNLIGHT RETROFIT FOR STANDARD 4"
RECESSED HOUSINGS**4RLDG2 900L****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 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 • 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 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® Qualified • 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.

Product 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](#)

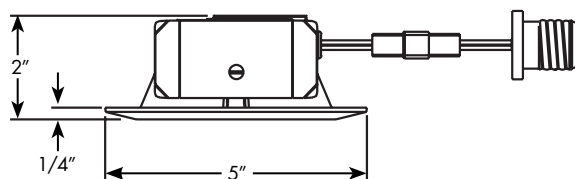
VuLife® housings: V4IC and V4TC Series

Lithonia® housings: L3 Series

Halo® housings: H99 Series

Thomas® housings: PS4 Series

Capri® housings: P4 and R4 Series

**DIMENSIONS****PRODUCT CODES**

Catalog Number	Description
4RLDG2-927-9-WWH	4" LED retrofit baffle trim, 2700K, 900 Lumen
4RLDG2-930-9-WWH	4" LED retrofit baffle trim, 3000K, 900 Lumen
4RLDG2-935-9-WWH	4" LED retrofit baffle trim, 3500K, 900 Lumen

PERFORMANCE DATA

	27K	3K	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

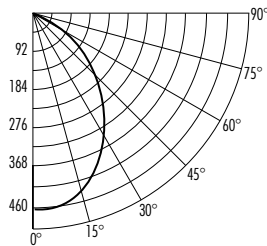
4" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 4"
RECESSED HOUSINGS

4RLDG2 900L

PHOTOMETRIC REPORT

Test Report#: PTO2161102R
Catalog No: 4RLDG2-927-9-WWH
Luminaire Spacing Criteria: 1.20
Luminaire LPW: 66



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	463
5	461
15	441
25	398
35	325
45	216
55	104
65	46
75	21
85	5
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	59	48	39
5'	38	31	25
6'	26	21	18
7'	21	17	14
8'	17	14	11
9'	13	11	9
10'	10	8	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	351	N/A	39.5
0-40°	553	N/A	62.2
0-60°	813	N/A	91.6
0-90°	888	N/A	100.0

INITIAL FOOTCANDLES

(One Unit: 13.5W, 87.3° Beam)

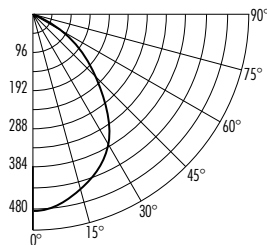
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	28.9	7.6
6'	12.9	11.4
8'	7.2	15.3
10'	4.6	19.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	46494
55°	27491
65°	16413
75°	12325
85°	8977

PHOTOMETRIC REPORT

Test Report#: PTO2161103R
Catalog No: 4RLDG2-930-9-WWH
Luminaire Spacing Criteria: 1.20
Luminaire LPW: 69



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	485
5	482
15	460
25	416
35	340
45	226
55	108
65	48
75	22
85	5
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	62	51	41
5'	40	32	26
6'	28	22	18
7'	22	18	15
8'	18	14	12
9'	14	11	9
10'	10	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	367	N/A	39.5
0-40°	578	N/A	62.2
0-60°	850	N/A	91.5
0-90°	929	N/A	100.0

INITIAL FOOTCANDLES

(One Unit: 13.5W, 87.3° Beam)

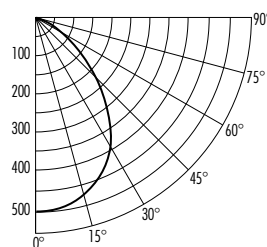
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	30.3	7.6
6'	13.4	11.4
8'	7.6	15.3
10'	4.8	19.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	48594
55°	28774
65°	17214
75°	12893
85°	9485

PHOTOMETRIC REPORT

Test Report#: PTO2161103R
Catalog No: 4RLDG2-935-9-WWH
Luminaire Spacing Criteria: 1.20
Luminaire LPW: 71



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	499
5	496
15	474
25	428
35	350
45	232
55	112
65	49
75	23
85	6
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)
Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	64	52	42
5'	41	33	27
6'	28	23	19
7'	23	19	15
8'	18	15	12
9'	14	11	9
10'	10	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	377	N/A	39.5
0-40°	595	N/A	62.2
0-60°	875	N/A	91.5
0-90°	956	N/A	100.0

INITIAL FOOTCANDLES

(One Unit: 13.5W, 87.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	31.2	7.6
6'	13.9	11.4
8'	7.8	15.3
10'	5.0	19.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	50020
55°	29619
65°	17719
75°	13271
85°	9763

