

JUNO®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

4" IC 900 LUMEN WARMDIM® LED DOWNLIGHT REMODEL

IC 1 RLED (WD G4 09LM) RECESSED HOUSING


WarmDim®
Bringing Warmth to LED Dimming

WALL WASH TRIMS

PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® remodel housing with patented WarmDim® technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • Shallow housing allows for fit in 2 x 6 construction • IC remodel housing for remodel application where back side of ceiling is not accessible • Installs through an opening in the ceiling from below • Secured in place by factory installed remodel springs • Can be completely covered with insulation • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims • 5 year limited warranty on LED components.

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- No harmful ultraviolet or infrared wavelengths
- No lead or mercury, RoHS compliant
- Comparable light output to 75W incandescent while consuming 15W

PRODUCT SPECIFICATIONS

LED Light Engine Proprietary patented (US Patent 8,710,754) micro processor controlled light engine emulates dimming performance of incandescent light source • Replaceable light engine attached to high purity aluminum, thermally conductive inner housing provides superior heat transfer to ensure long life of the LEDs • 3000K color temperature at full lumen output • 90 CRI minimum throughout dimming range.

Optical System Angle-cut aluminum reflector and specular clear kicker reflector directs light toward wall for uniform illumination on vertical surfaces while concealing LED optic assembly and minimizing glare • LEDs are concealed by high transmission diffusing lens.

Aesthetic Trim Selections Recessed lensed wall wash trim • Shadow free, knife edge design blends seamlessly into ceiling • Reflector finishes include clear, haze, wheat haze and white paint.

LED Driver Dedicated 120 volt driver • Power factor > 0.9 • Dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • For a list of compatible dimmers, see [JUNOICLED-DIM](#) • Mounted inside housing for easy access from below ceiling.

Life Rated for 50,000 hours at 70% lumen maintenance.

Labels ENERGY STAR® Certified when used with select trims • Certified to the high efficacy requirements of California T24 JA8-2016 with select trims • UL listed for U.S. and Canada damp locations • Union made • UL and cUL.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

Product specifications subject to change without notice.

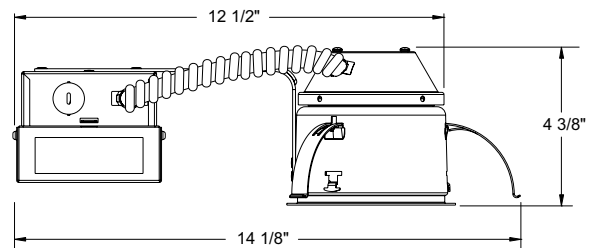
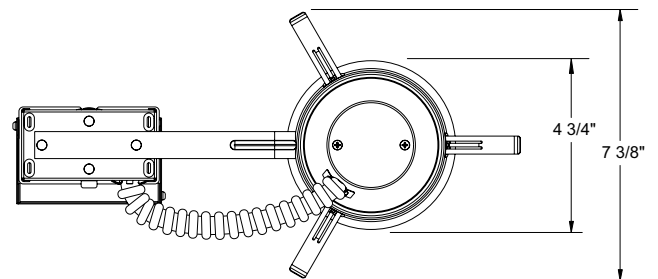
HOUSING FEATURES

Housing Designed for use in IC (insulated ceiling) or non-IC construction • Aluminum housing sealed for Air-Loc® compliance • Remodel springs accommodate up to 1 1/2" ceiling thickness.

Junction Box Pre-wired junction box provided with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire • Knockouts equipped with pryout slots • Quick connect electrical connectors supplied as standard for fast, secure installation.



DIMENSIONS

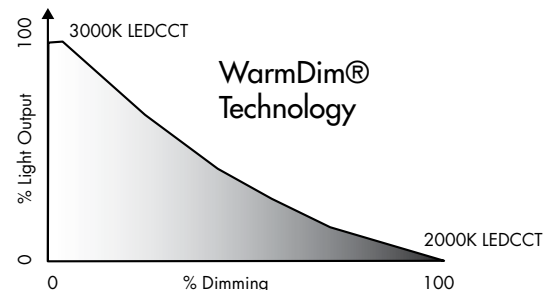


4 3/8" CEILING CUTOUT

ELECTRICAL DATA

Dedicated 120V Only Driver

120V	
Input Power	15.4W (+/-5%)
Input Current	0.13A
Frequency	50/60 Hz
EMI/RFI	FCC Title 47 CFR, Part 15 Class B (residential)
Minimum starting temp	-20°C



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ORDERING INFORMATION Housing and trim can be ordered together or separate, but will always ship separately.

Example: IC1RLED WD G4N 09LM 30K 90CRI 120 FRPC

Series	Dynamic Feature	Generation	Lumens	Color Temperature	CRI	Voltage	Driver
IC1RLED 4" LED IC Remodel Downlight	WD Warm Dim	G4N Generation 4 New	09LM 900 Nominal Lumens	30K 3000K	90CRI 90+ CRI	120 120V	FRPC Forward/Reverse Phase Cut

Trim/Description



39 CWH¹ 4" Lensed Wall Wash Cone Trim - Clear Alzak®, White Trim Ring

39 HZWH¹ 4" Lensed Wall Wash Cone Trim - Haze, White Trim Ring

39 WHZWH¹ 4" Lensed Wall Wash Cone Trim - Wheat Haze, White Trim Ring

39 WWH¹ 4" Lensed Wall Wash Cone Trim - White, White Trim Ring



Trim Size: 5" O.D.

Alzak is a registered trademark of Alcoa Corp.

Note: In Canada when insulation is present, Type IC fixtures must be used.

¹Multi-Volt: ENERGY STAR® and T24 @ 30K, 35K, and 40K

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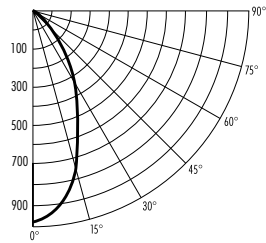
PHOTOMETRICS

PHOTOMETRIC REPORT

Test Report #: PT11141801R
Catalog No: IC1RLED WD G4 09LM 30K
90CRI 120 with 39 CWH Trim

Luminaire Spacing Criterion: 0.76

Luminaire LPW: 52



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	0°
0	974
5	959
15	748
25	478
35	241
45	91
55	40
65	21
75	8
85	0
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	506	N/A	62.6
0-40°	665	N/A	82.3
0-60°	792	N/A	98.0
0-90°	808	N/A	100.0

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	24193
55	13227
65	9445
75	5939
85	0

FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall	2'						3'					
	2'			3'			3'			4'		
Fixture Centers (spacing)	5	5	5	4	4	4	3	3	3	2	2	2
1'	5	5	5	4	4	4	3	3	3	2	2	2
2'	13	13	13	10	8	10	5	5	5	4	4	4
3'	21	20	21	15	13	15	7	7	7	6	6	6
4'	23	23	23	17	16	17	10	10	10	8	7	8
5'	21	21	21	15	15	15	11	11	11	9	9	9
6'	19	19	19	13	13	13	12	12	12	10	9	10
7'	16	16	16	12	12	12	12	12	12	9	9	9
8'	14	14	14	10	10	10	11	11	11	8	9	8
9'	11	11	11	8	9	8	9	10	9	7	7	7

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.