

JUNO

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

4" IC 900 LUMEN WARMDIM® LED DOWNLIGHT REMODEL

IC91RLWDG4 RECESSED HOUSING



 WarmDim
Bringing Warmth to LED Dimming
**WALL WASH TRIM****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® Qualified when used with select trims • Certified to the high efficacy requirements of California T24 with select trims • UL listed for U.S. and Canada damp locations • Union made • UL and cUL.

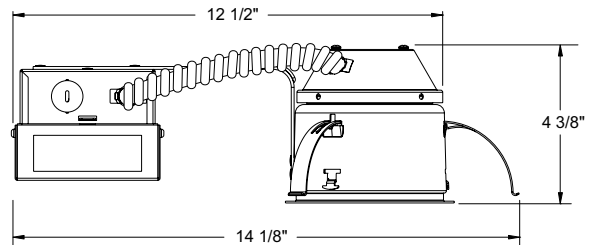
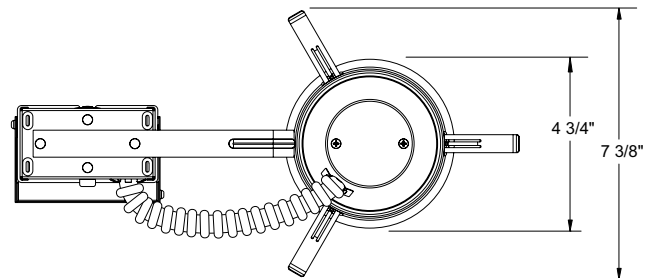
Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

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.

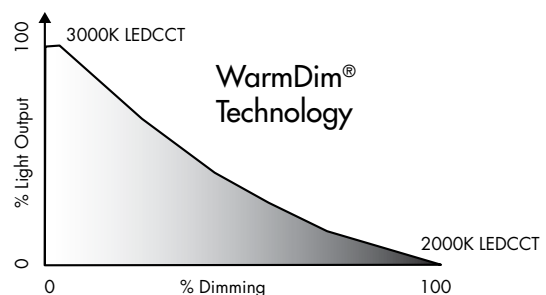
Junction Box Pre-wired junction box provided with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire • Knockouts equipped with pryout slots • Quick connect electrical connectors supplied as standard for fast, secure installation.

**DIMENSIONS**

4 3/8" CEILING CUTOUT

ELECTRICAL DATA**Dedicated 120V Only Driver**


120V	
Input Power	14.9W (+/- 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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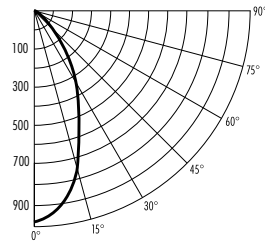
IC91RLWDG4 RECESSED HOUSING WALL WASH TRIM

ORDERING INFORMATION: Housing and trim each ordered separately.

Example: IC91RLWDG4-3K-1			Example: 14W-WH	
Housing	Color Temperature	Input Voltage	Trim/Description	
IC91RLWDG4	3K 3000K	1		
		Dedicated 120V Only (Forward Phase + ELV dimmable)	 39C-WH Lensed Wall Wash - Clear Alzak® 39W-WH Lensed Wall Wash - Gloss White 39HZ-WH Lensed Wall Wash - Haze 39WHZ-WH Lensed Wall Wash - Wheat Haze	
			Trim Size: 5" O.D. Trim Finish: WH - White. Alzak is a registered trademark of Alcoa Corp. Note: In Canada when insulation is present, Type IC fixtures must be used.	

PHOTOMETRIC REPORT

Test Report #: PT11141801R
 Catalog No: IC91RLWDG4-3K-1
 with 39C-WH Trim
 Luminaire Spacing Criterion: 0.76
 Luminaire LPW: 54



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	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'	4'	3'	4'	5'
1'	5	5	5	4	4	4
2'	13	13	13	10	8	10
3'	21	20	21	15	13	15
4'	23	23	23	17	16	17
5'	21	21	21	15	15	15
6'	19	19	19	13	13	13
7'	16	16	16	12	12	12
8'	14	14	14	10	10	10
9'	11	11	11	8	9	8

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.

