

**JUNO**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

# 4" IC 600 LUMEN WARMDIM® LED DOWNLIGHT REMODEL

IC 1 RLED (WD G4N 06LM) RECESSED HOUSING


**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 65W incandescent while consuming 12W

## 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 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 painted.

**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.

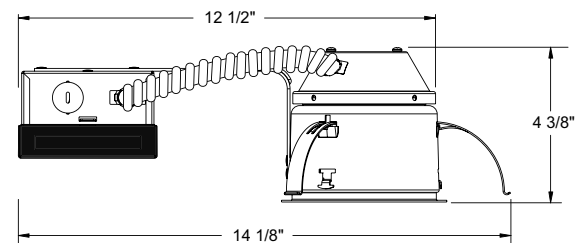
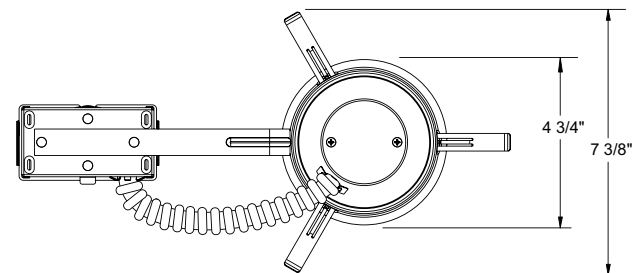
## HOUSING FEATURES

**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

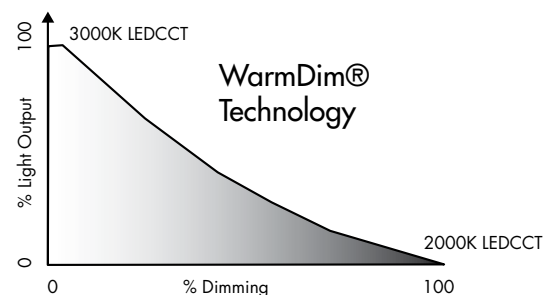


4 3/8" CEILING CUTOUT

## ELECTRICAL DATA

### Dedicated 120V Only Driver

120V	
Input Power	10W (+/- 5%)
Input Current	0.08A
Frequency	50/60 Hz
EMI/RFI	FCC Title 47 CFR, Part 15 Class B (residential)
Minimum starting temp	-20°C



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IC1RLED (WD G4N 06LM) RECESSED HOUSING  
**WALL WASH TRIMS**

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

**Example:** IC1RLED WD G4N 06LM 30K 90CRI 120 FRPC

Series	Dynamic Feature	Generation	Lumens	Color Temperature	CRI	Voltage	Driver
<b>IC1RLED</b> 4" LED IC Remodel Downlight	<b>WD</b> Warm Dim	<b>G4N</b> Generation 4 New	<b>06LM</b> 600 Nominal Lumens	<b>30K</b> 3000K	<b>90CRI</b> 90+ CRI	<b>120</b> 120V	<b>FRPC</b> Forward/Reverse Phase Cut

## Trim/Description



**39 CWH**<sup>1</sup> 4" Lensed Wall Wash Cone Trim - Clear Alzak®, White Trim Ring



**39 HZWH**<sup>1</sup> 4" Lensed Wall Wash Cone Trim - Haze, White Trim Ring

**39 WHZWH**<sup>1</sup> 4" Lensed Wall Wash Cone Trim - Wheat Haze, White Trim Ring

**39 WWH**<sup>1</sup> 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.

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

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WALL WASH TRIMS

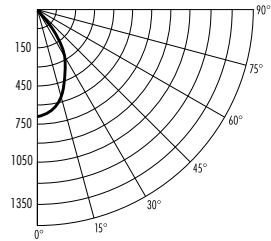
## PHOTOMETRICS

### PHOTOMETRIC REPORT

Test Report #: PT11141801  
Catalog No: IC1RLED WD G4N 06LM 30K  
90CRI 120 with 39 CWH Trim

Luminaire Spacing Criterion: 0.76

Luminaire LPW: 61



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	738	
5	727	
15	566	
25	362	
35	183	
45	69	
55	31	
65	16	
75	6	
85	0	
90	0	

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	383	N/A	62.6
0-40°	504	N/A	82.3
0-60°	600	N/A	98.0
0-90°	612	N/A	100.0

### LUMINANCE (Average cd/m<sup>2</sup>)

Degrees	Average Luminance
45	18328
55	10020
65	7155
75	4499
85	0

## FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall		2'						3'					
Fixture Centers (spacing)		2'			3'			3'			4'		
DISTANCE FROM CEILING		1'	2'	3'	1'	2'	3'	1'	2'	3'	1'	2'	3'
1'	1'	4	4	4	3	3	3	2	2	2	2	2	2
2'	1'	10	10	10	7	6	7	4	4	4	3	3	3
3'	1'	15	15	15	12	10	12	6	6	6	5	4	5
4'	1'	17	18	17	13	12	13	7	7	7	6	6	6
5'	1'	16	16	16	11	11	11	9	9	9	7	7	7
6'	1'	14	14	14	10	10	10	9	9	9	7	7	7
7'	1'	12	12	12	9	9	9	9	9	9	7	7	7
8'	1'	11	11	11	8	8	8	8	8	8	6	7	6
9'	1'	9	9	9	6	6	6	7	7	7	5	6	5

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.