



# 4" IC 600 LUMEN WARMDIM™ LED DOWNLIGHT REMODEL

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

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

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

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

IC1RLWDG3 RECESSED HOUSING  
**OPEN TRIMS**



## PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® remodel housing with WarmDim™ technology (patent pending) • 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 less than 15W



## PRODUCT SPECIFICATIONS

**LED Light Engine** Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source • Replaceable light engine attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long life of the LEDs • 3000K color temperature at full lumen output • 83 CRI typical.

**Optical System** Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance • Deep regression of lens produces a low glare, efficient system that can produce over 600 lumens with select trims (see page 2 for details) using less than 15W.

**Aesthetic Trim Selections** Compatible with wide selection of existing Juno trims • Shadow free, knife edge design blends seamlessly into ceiling.

**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 [JUNOLEDG3-6-WARMDIM](#) • Mounted inside housing for easy access from below ceiling.

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

**Labels** Certified to the high efficiency requirements of California T24-2008 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.

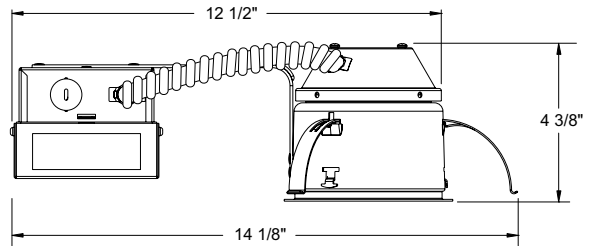
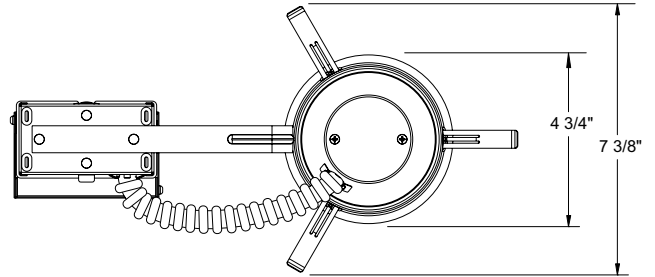
Product specifications subject to change without notice.

## 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

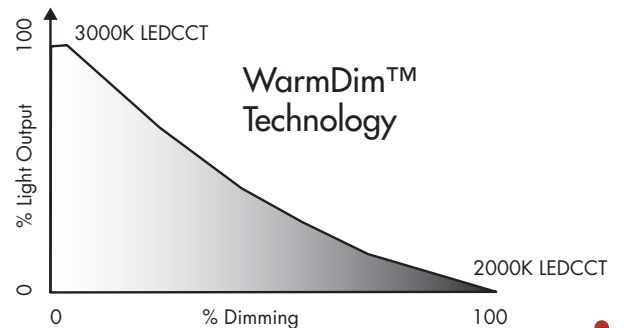


4 3/8" CEILING CUTOUT

## ELECTRICAL DATA

### Dedicated 120V Only Driver









120V	
Input Power	14W (+/-5%)
Input Current - Max	0.125A
Frequency	50/60 Hz
EMI/RFI	FCC Title 47 CFR, Part 18 Class B (consumer)
Minimum starting temp	-20°C



# 4" IC 600 LUMEN WARMDIM™ LED DOWNLIGHT REMODEL

## IC1RLWDG3 RECESSED HOUSING OPEN TRIMS

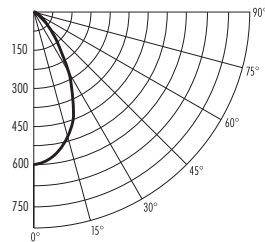
**ORDERING INFORMATION:** Housing, trim and accessories each ordered separately.

Example: IC1RLWDG3-3K-1			Example: 14W-WH	
Housing	Color Temperature	Input Voltage	Trim/Description	
IC1RLWDG3	3K 3000K	1 Dedicated 120V Only (Forward Phase + ELV dimmable)	 <b>13W-WH</b> 2" Pinhole with Integral Shield	 <b>4103FROST-WH</b> Beveled Cylinder <b>4103FROST-SC</b>
			 <b>14B-WH</b> Black Baffle <b>14B-SC</b> Black Baffle <b>14B-ABZ</b> Black Baffle  <b>14B-BL</b> Black Baffle <b>14W-WH</b> White Baffle	 <b>4104HZ-SC</b> Beveled Cone - Haze <b>4104WHZ-ABZ</b> Beveled Cone - Wheat Haze
			 <b>17C-WH</b> Cone - Clear Alzak® <b>17G-WH</b> Cone - Gold Alzak® <b>17B-WH</b> Cone - Black Alzak®  <b>17PT-SC</b> Cone - Pewter Alzak® <b>17W-WH</b> Cone - Gloss White <b>17HZ-WH</b> Cone - Haze <b>17WHZ-WH</b> Cone - Wheat Haze <b>17WHZ-ABZ</b> Cone - Wheat Haze	 <b>4150MESH-SC</b> Cylinder  Trim Size: 5" O.D. Trim Finish: ABZ - Classic Aged Bronze, BL - Black, SC - Satin Chrome, 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 #: LTL27634  
Catalog No: IC1RLWDG3-3K-1  
with 14W-WH Trim

Luminaire Spacing Criterion: 0.85  
Luminaire LPW: 43.1



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	601
5	589
15	500
25	355
35	204
45	82
55	32
65	13
75	8
85	2
90	0

### AVERAGE INITIAL FOOTCANDLES

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

Spacing	RCR1	RCR3	RCR5
4.0'	41	35	30
5.0'	26	22	19
6.0'	18	15	13
7.0'	15	12	11
8.0'	12	10	8
9.0'	9	8	6
10.0'	7	6	5

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	357	N/A	59.2
0-40°	483	N/A	80.2
0-60°	578	N/A	95.9
0-90°	602	N/A	100.0

### INITIAL FOOTCANDLES

(One Unit, 14.0W, 57.1° Beam)

Distance to Illuminated Plane (feet)	Footcandles Beam Center	Beam Diameter
4	37.6	4.4'
6	16.7	6.5'
8	9.4	8.7'
10	6.0	10.9'

### LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	18730
55	8874
65	5032
75	4932
85	4487

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.

