



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

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

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

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

# 5" IC 900 LUMEN LED DOWNLIGHT REMODEL

IC920RLEDG4 RECESSED HOUSING  
WALL WASH TRIM

## PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® remodel housing with integral light engine

- 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
- When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and air cooling costs
- 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
- Comparable light output to 75W PAR30 incandescent

## PRODUCT SPECIFICATIONS

**LED Light Engine** LED array integrated to thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED

- Replaceable light engine mounts directly to housing and incorporates the latest generation, high lumen output LED array
- LEDs are binned within a 3-step MacAdam Ellipse exceeding ENERGY STAR® requirements for superior fixture to fixture color uniformity
- 2700K, 3000K, 3500K, or 4100K color temperatures available
- 90 CRI minimum.

**Optical System** Painted white scoop is designed to work with computer-optimized reflector design to direct 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
- Retention bar holds scoop assembly to trim
- White or black baffle available.

**Aesthetic Trim Selections** Low profile scoop wall wash trim

- Shadow free, knife edge design blends seamlessly into ceiling.

**LED Driver** Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120-277 volts AC at 50/60Hz

- Power factor > 0.9 at 120V input
- 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers
- For a list of compatible dimmers, see [JUNOICLED-DIM](#)
- Mounted between the j-box and housing for easy access and cool operation.

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

**Labels** 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

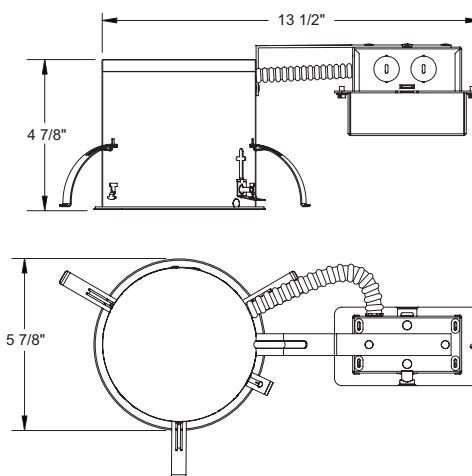
- Aluminum housing sealed for Air-Loc® compliance when used with ALG kit
- Remodel springs accommodate up to 1 1/2" ceiling thickness.

**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



5 1/2" CEILING CUTOUT

## ELECTRICAL DATA

### Dedicated 120V Only Driver Option

120V	
Input Power	15.7W (+/-5%)
Input Current	0.13A
Frequency	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15 Class B (residential)
Minimum starting temp	-25°C

## ELECTRICAL DATA

### Universal Voltage

	120V	277V
Input Power	16.7W (+/-5%)	16.5W (+/-5%)
Input Current	0.14A	0.06A
Frequency	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15 Class A (commercial)	FCC Title 47 CFR, Part 15 Class A (commercial)
Minimum starting temp	-40°C	-40°C

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IC920RLEDG4 RECESSED HOUSING


## WALL WASH TRIM

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

Example: **IC920RLEDG4-3K-1**

Housing	Color Temperature	Input Voltage
<b>IC920RLEDG4</b>	<b>27K</b> 2700K <b>3K</b> 3000K <b>35K</b> 3500K <b>41K</b> 4100K	<b>1</b> Dedicated 120V Only (Forward Phase + ELV dimmable) <b>U</b> Universal Voltage, 120-277V (0-10V dimmable)

Example: **213G3W-WH**

Trim/Description	
	<b>213G3W-WH</b> Scoop Wall Wash with White Baffle
	<b>213G3B-WH</b> Scoop Wall Wash with Black Baffle
Trim Size: 6 1/4" O.D. Trim Finish: WH - White.	

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

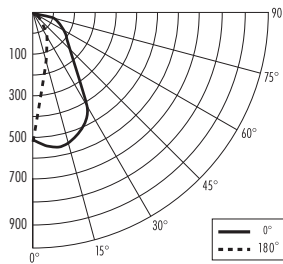
### PHOTOMETRIC REPORT

Test Report #: PT10112405R

Catalog No: IC920LEDG4-35K  
with 213G3W-WH Trim

Luminaire Spacing Criterion @ 90°: 1.00

Luminaire: 5" IC LEDG4 Downlight,  
Scoop Type Wall Wash Trim



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	0°	180°
Vertical	Wall Wash	Downlight
0	509	509
5	559	365
10	572	222
15	565	148
20	535	117
25	486	94
30	412	74
35	310	60
40	211	47
45	159	38
50	128	35
55	110	29
60	97	21
65	86	15
70	76	9
75	56	0
80	35	0
85	20	0
90	0	0

Multiplier: 27K - 0.90, 3K - 0.97, 41K - 1.04


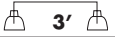


### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0 - 30°	295	N/A	47.6
0 - 40°	415	N/A	66.8
0 - 60°	547	N/A	88.3
0 - 90°	620	N/A	100.0
90 - 180°	0	N/A	0
0 - 180°	620	N/A	100.0

### LUMINANCE (Average cd/m²)

Degrees	Average 180° Downlight Luminance
45	17656
55	15132
65	16036
75	16997
85	17735

### FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall		2'			3'		
Fixture Centers (spacing)							
DISTANCE FROM CEILING	1'	32 29 32	24 16 24	12 10 12	10 7 10		
	2'	32 29 32	23 17 23	14 14 14	12 10 12		
	3'	32 30 32	24 19 24	14 13 14	12 10 12		
	4'	27 27 27	19 19 19	14 13 14	12 10 12		
	5'	22 22 22	14 14 14	14 14 14	12 10 12		
	6'	17 17 17	12 12 12	13 13 13	9 10 9		
	7'	13 13 13	9 9 9	12 12 12	9 9 9		
	8'	10 10 10	7 7 7	9 9 9	7 7 7		
	9'	9 9 9	6 6 6	7 7 7	6 6 6		

\*For 213G3B-WH trim, use 0.84 multiplier.

\*Note: Multipliers are provided for estimating purposes only. Use IES photometric files for precise photometric information.



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