

Juno®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

4" IC 600 LUMEN LED DOWNLIGHT REMODEL

IC1RLEDG3 RECESSED HOUSING LENSED TRIMS



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
- 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 11W*



PRODUCT SPECIFICATIONS

LED Light Engine LED array attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long life of the LED

- Replaceable light engine mounts directly to housing assembly and incorporates the latest generation, high lumen output LED array
- LEDs are binned to standards that exceed ENERGY STAR® requirements yielding superior fixture to fixture color uniformity
- 2700K, 3000K, 3500K, or 4100K color temperatures available
- 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.

Aesthetic Trim Selections Compatible with wide selection of existing Juno trims

- Shadow free, knife edge design blends seamlessly into ceiling.
- Trims are wet location approved for covered ceiling applications.

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 [JUNOLEDG3-6-DIM](#)
- Mounted on the j-box for easy access and cool operation.

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

Labels ENERGY STAR® qualified to luminaires V1.1 requirements when used with select trims

- Certified to the high efficiency requirements of California T24-2008 with select trims
- UL listed for U.S. and Canada wet locations (covered ceilings)
- 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

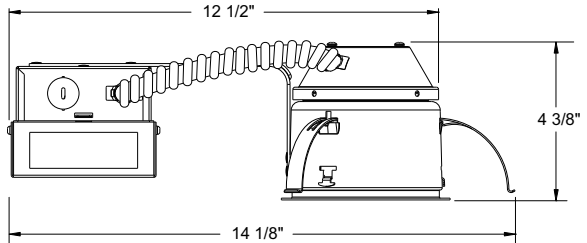
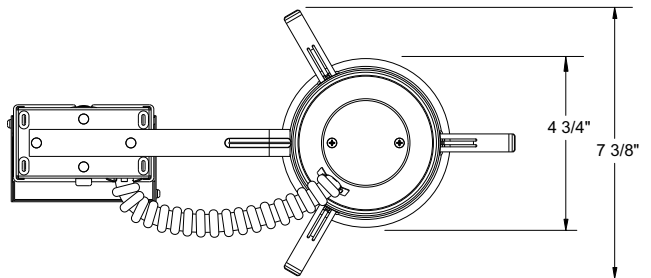
Housing Designed for use in IC (insulated ceiling) or non-IC construction

- Aluminum housing sealed for Air-Loc
- 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 Option

120V

Input Power	10.5W (+/-5%)
Input Current - Max	0.10A
Frequency	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C

ELECTRICAL DATA

Universal Voltage







	120V	277V
Input Power	12W (+/-5%)	12.3W (+/-5%)
Input Current - Max	0.11A	0.055A
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

* Nominal input wattage @ 120-volt operation with dedicated 120-volt driver under stable operating conditions.

4" IC 600 LUMEN LED DOWNLIGHT REMODEL

IC1RLEDG3 RECESSED HOUSING LENSED TRIMS

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

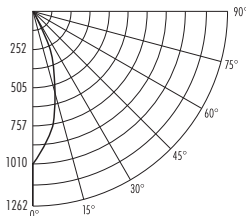
Example: IC1RLEDG3-3K-1			Example: 12W-WH		
Housing	Color Temperature	Input Voltage	Trim/Description		
IC1RLEDG3	27K 2700K 3K 3000K 35K 3500K 41K 4100K	1 Dedicated 120V Only (Forward Phase + ELV dimmable) U Universal Voltage, 120-277V (0-10V dimmable)	 11-WH Drop Opal	 4101-ABZ 4101-SC 4101-WH Beveled Dome - Shower	
			 12W-WH Shower Trim, frosted perimeter lens  12W-SC  12W-ABZ	 4102-ABZ 4102-SC 4102-WH Beveled Shower	

UL Listed for use in wet location.
 Trim Size: 5" O.D.
 Trim Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White
 Note: In Canada when insulation is present, Type IC fixtures must be used.

PHOTOMETRIC REPORT

Test Report #: PT08111601R
 Catalog No: IC1RLEDG3-35K
 with 12W-WH Trim

Luminaire Spacing Criterion: 0.58
 Luminaire LPW: 58



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1010
5	930
15	594
25	298
35	136
45	67
55	38
65	24
75	13
85	2
90	0

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

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)

Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	42	35	30
5.0'	27	22	19
6.0'	19	15	13
7.0'	15	13	11
8.0'	12	10	9
9.0'	9	8	7
10.0'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	389	N/A	64.3
0-40°	477	N/A	78.8
0-60°	566	N/A	93.4
0-90°	606	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 10.5W, 35.5° Beam)

Distance to Illuminated Plane (feet)	Footcandles Beam Center	Beam Diameter
4	63.1	2.6'
6	28.1	3.8'
8	15.8	5.1'
10	10.1	6.4'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	15287
55	10541
65	9104
75	7787
85	4205

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.