



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

6" IC 600 LUMEN WARMDIM™ LED DOWNLIGHT REMODEL

IC22RLWDG3 RECESSED HOUSING

OPEN TRIMS



PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® remodel housing with integral 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 • 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 65W BR30 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 integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted 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 white 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 • Wide flood distribution shipped as standard with optional optic accessory available and sold separately.

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 [JUNOEDG3-6-WARMDIM](#) • Mounted between the j-box and housing for easy access and cool operation.

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.

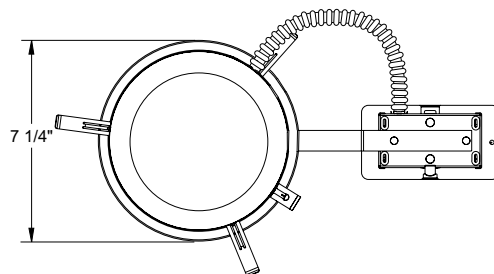
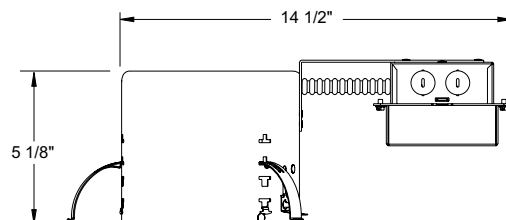
Product specifications subject to change without notice.

HOUSING FEATURES

Housing Designed for use in IC (insulated ceiling) or non-IC construction Aluminum housing sealed for Air-Loc® compliance when used with ALG kit • Remodel springs accommodate up to 1 7/8" 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

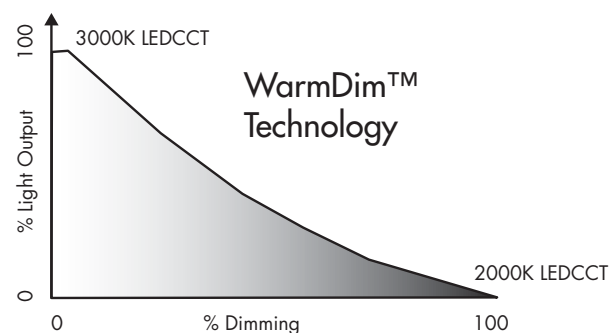


6 3/4" CEILING CUTOUT

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



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

Example: **IC22RLWDG3-3K-1**


















Housing	Color Temperature	Input Voltage
IC22RLWDG3	3K 3000K	1 Dedicated 120V Only (Forward Phase + ELV dimmable)

ACCESSORIES

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

To order, specify catalog number.

Example: **24W-WH**

Trim/Description		
	24W-WH	Conical White Baffle
	24B-WH	Conical Black Baffle
	24B-SC	Conical Black Baffle
	24B-ABZ	Conical Black Baffle
	24B-BL	Conical Black Baffle
	27C-WH	Conical Cone in Clear Alzak®
	27G-WH	Conical Cone in Gold Alzak®
	27B-WH	Conical Cone in Black Alzak®
	27PT-SC	Conical Cone in Pewter Alzak®
	27W-WH	Conical Cone in Gloss White
	27HZ-WH	Conical Cone in Haze
	27WHZ-WH	Conical Cone in Wheat Haze
	27WHZ-ABZ	Conical Cone in Wheat Haze
	9024W-WH	White Octagonal w/ White Baffle
	9324-SC	Luminous Disc (Frosted)
	9524-SC	Chrome Band
	9702	Luminous Collar (Frosted)

Trim Size: 24, 27, 9324, 9524 - 7³/₈" O.D.; 9702 - 7³/₈" O.D.; 9024 - 8" 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

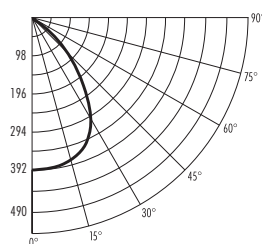
Test Report #: LT127631

Catalog No: IC22LWDG3-3K-1

with 24W-WH Trim
and standard wide flood optic

Luminaire Spacing Criterion: 1.17

Luminaire LPW: 47



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	392
5	390
15	371
25	335
35	260
45	128
55	56
65	27
75	16
85	4
90	0

AVERAGE INITIAL FOOTCANDLES

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

Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	44	36	30
5.0'	28	23	19
6.0'	20	16	13
7.0'	16	13	11
8.0'	13	10	9
9.0'	10	8	7
10.0'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	295	N/A	45.0
0-40°	455	N/A	69.3
0-60°	607	N/A	92.4
0-90°	657	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 14.1W, 79.8° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	24.5	6.7'
6	10.9	10.0'
8	6.1	13.4'
10	3.9	16.7'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	17670
55	9450
65	6306
75	6159
85	4808

PHOTOMETRIC REPORT

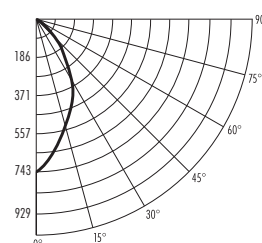
Test Report #: PT01121403R

Catalog No: IC22LWDG3-3K-1

with 27C-WH Trim
and standard wide flood optic

Luminaire Spacing Criterion: 0.76

Luminaire LPW: 50



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	743
5	687
15	518
25	407
35	280
45	119
55	34
65	5
75	0
85	0
90	0

AVERAGE INITIAL FOOTCANDLES

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

Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	48	41	35
5.0'	31	26	22
6.0'	21	18	15
7.0'	17	15	12
8.0'	14	12	10
9.0'	11	9	8
10.0'	8	7	6

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	396	N/A	56.3
0-40°	568	N/A	80.9
0-60°	696	N/A	99.1
0-90°	703	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 14.0W, 56.4° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	46.4	4.3'
6	20.6	6.4'
8	11.6	8.6'
10	7.4	10.7'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	9214
55	3230
65	605
75	0
85	0

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.



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