

JUNO

5" IC 900 LUMEN WARMDIM® LED DOWNLIGHT REMODEL

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

IC20RLED (WD G4 09LM), RECESSED HOUSING

**OPEN TRIMS**

PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® remodel housing with integral 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 • 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 Proprietary patented micro processor controlled light engine emulates dimming performance of incandescent light source • Replaceable light engine integrated to thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LEDs • 3000K color temperature at full lumen output • 90 CRI minimum throughout dimming range • Design covered under Patent US 8,710,754.

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 900 lumens with select trims • Wide flood (>70°) 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 [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 ENERGY STAR® Certified when used with select trims • UL listed for U.S. and Canada through-branch wiring, damp locations • Union made • UL and cUL.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

Specifications subject to change without notice.

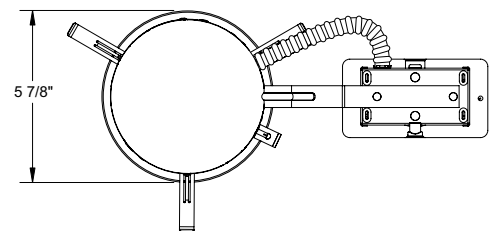
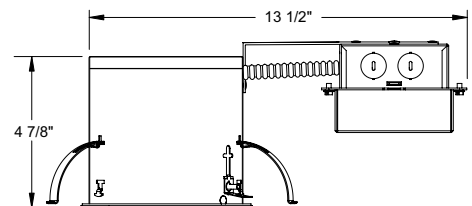
HOUSING FEATURES

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

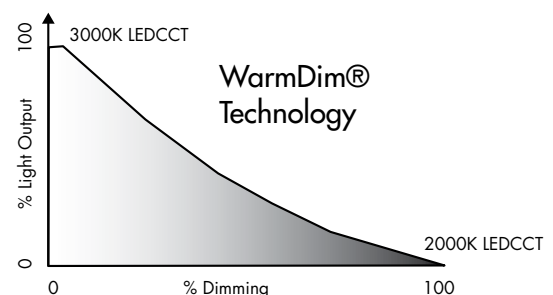


5 1/2" CEILING CUTOUT

ELECTRICAL DATA

Dedicated 120V Only Driver

120V	
Input Power	18.0W (+/-5%)
Input Current	0.15A
Frequency	50/60 Hz
EMI/RFI	FCC Title 47 CFR, Part 15 Class B (residential)
Minimum starting temp	-25°C



**MAINSTREAM
DYNAMIC**
BY ACUITY BRANDS®

5" IC 900 LUMEN WARMDIM® LED DOWNLIGHT REMODEL

IC2ORLED (WD G4 09LM), RECESSED HOUSING
OPEN TRIMS

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

Example: IC2ORLED WD G4 09LM 30K 90CRI 120 FRPC

Series	Dynamic Feature	Generation	Lumens	Color Temperature	CRI	Voltage	Driver	
IC2ORLED	5" LED IC Remodel Downlight	WD Warm Dim	G4 Generation 4	09LM 900 Nominal Lumens	30K 3000K	90CRI 90+ CRI	120 120V	FRPC Forward/ Reverse Phase Cut

Trim/Description



205 BABZ¹ 5" Downlight Baffle Trim - Black Baffle, Classic Aged Bronze Trim Ring ¹ Not ENERGY STAR® Certified

205 BSC¹ 5" Downlight Baffle Trim -Black Baffle, Satin Chrome Trim Ring



205 BWH¹ 5" Downlight Baffle Trim -Black Baffle, White Trim Ring

205 WWH 5" Downlight Baffle Trim -White Baffle, White Trim Ring

204 BWH¹ 5" Downlight Cone Trim -Black Alzak® Cone, White Trim Ring

204 CWH 5" Downlight Cone Trim -Clear Alzak® Cone, White Trim Ring

204 GWH 5" Downlight Cone Trim -Gold Alzak® Cone, White Trim Ring



204 HZWH 5" Downlight Cone Trim -Haze Cone, White Trim Ring



204 PTSC 5" Downlight Cone Trim -Pewter Alzak® Cone, Satin Chrome Trim Ring

204 WHZABZ 5" Downlight Cone Trim -Wheat Haze Cone, Classic Aged Bronze Trim Ring

204 WHZWH 5" Downlight Cone Trim -Wheat Haze Cone, White Trim Ring

204 WWH 5" Downlight Cone Trim -White Cone, White Trim Ring

Trim Size: 6¼" O.D.

Alzak® is a registered trademark of Alcoa Corp.

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

Accessories (ordered separately)

Catalog Number	Description
LEDOPTICG3 MFL	Medium Flood Optic (50°)
TR5 ABZ	5" Trim Ring - Classic Aged Bronze
TR5 BL	5" Trim Ring - Black
TR5 SC	5" Trim Ring - Satin Chrome
TR5 WH	5" Trim Ring - White

To order, specify catalog number.

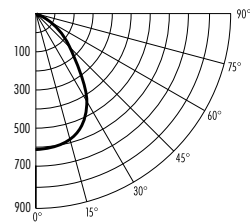
PHOTOMETRIC REPORT

Test Report #: PT02140801

Catalog No: IC2ORLED WD G4 09LM 30K
with 205 WWH Trim
and standard wide flood optic

Luminaire Spacing Criterion: 1.10

Luminaire LPW: 53



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Candelas
Vertical	0°
0	610
5	608
15	585
25	505
35	336
45	156
55	85
65	49
75	30
85	7
90	0

AVERAGE INITIAL FOOTCANDLES

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

Spacing	RCR1	RCR3	RCR5
4.0'	64	52	44
5.0'	41	33	28
6.0'	28	23	19
7.0'	23	19	16
8.0'	18	15	12
9.0'	14	11	10
10.0'	10	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	453	N/A	47.7
0-40°	660	N/A	69.6
0-60°	861	N/A	90.8
0-90°	948	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 18W, 72.8° Beam)

Distance to Illuminated Plane (feet)	Footcandles Beam Center	Beam Diameter
4	38.2	5.9'
6	17.0	8.8'
8	9.5	11.8'
10	6.1	14.7'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	20892
55	13986
65	10927
75	10808
85	7833