



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

6" SLOPE CEILING LED - 900 LUMENS IC NEW CONSTRUCTION HOUSING



PRODUCT DESCRIPTION

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine • IC rated construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with 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 26W compact fluorescent while consuming less than 16W*



PRODUCT SPECIFICATIONS

LED Light Engine Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED • Replaceable light engine mounts directly to slider plate 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 • 80 minimum CRI typical.

Optical System Computer-optimized internal reflector with specular finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance • Adjustable slider plate to position LEDs/reflector perpendicular to floor • Plate includes 1/4" adjustment indicators for consistent alignment.

Aesthetic Trim Selections Compatible with a selection of existing Juno trims • 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 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 dimmers • For a list of compatible dimmers, see **JUNOLEDG3-DIM** • Mounted inside housing on a removable J-box cover for ease of maintenance.

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

Labels ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select baffle and cone trims • Certified to high efficiency requirements of California T24-2008 with select trims • UL listed for U.S. and Canada through-branch wiring, damp locations • Union made • UL and cUL listed.

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

Product specifications subject to change without notice.

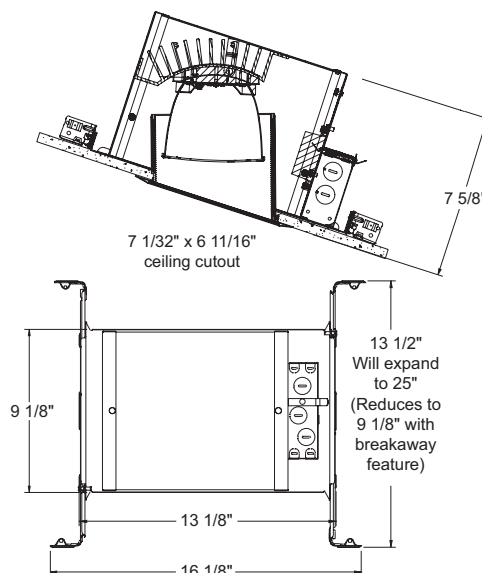
HOUSING FEATURES

Housing Designed for use in IC (insulated ceiling) or non-IC construction • .032" aluminum housing sealed for Air-Loc compliance • Access door for junction box accessibility • Inner skirt is vertically adjustable to accommodate up to a 1" ceiling thickness.

STANDARD SLOPE:
2/12 to 6/12 PITCH (9° to 27°)

IC926LED9G3 OPEN TRIMS

DIMENSIONS



Junction Box Pre-wired junction box provided with (5) 1/2" and (1) 3/4" knockouts, (4) non-metallic sheathed cable connectors and ground wire, UL and cUL listed for through-branch wiring, maximum 8 No. 12 AWG 90° C branch circuit conductors (4 in, 4 out) • Junction box provided with removable access plates • Knockouts equipped with pryout slots • Push-in electrical connectors supplied as standard for fast, secure installation.

Mounting Frame 22-gauge die-formed galvanized steel mounting frame • Rough-in section (junction box, mounting frame, housing and bar hangers) fully assembled for ease of installation.

Real Nail® 3 Bar Hangers Telescoping Real Nail® 3 system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction • Integral T-bar mounting feature for suspended ceilings • Design covered under patents US5,505,419 and D552,969.

ELECTRICAL DATA DEDICATED 120 VOLT ONLY DRIVER OPTION

	120V
Input Power	15.4W (+/-5%)
Input Current - Max	0.15A
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	16.5W (+/-5%)	16.9W (+/-5%)
Input Current - Max	0.155A	0.072A
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.

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STANDARD SLOPE: 2/12 to 6/12 PITCH (9° to 27°)



IC926LED9G3 OPEN TRIMS

ORDERING INFORMATION: Housing and trim each ordered separately.

Example: **IC926LED9G3-27K-1**

Housing	Color Temperature	Voltage
IC926LED9G3	27K 2700K 3K 3000K 35K 3500K 41K 4100K	1 Dedicated 120V only (forward phase and ELV dimming) U Universal Voltage 120-277V (0-10V dimming)

Example: **614W-WH**

Trim/Description		
	614B-WH¹ 614B-SC¹ 614B-ABZ¹ 614B-BL¹ 614W-WH	Black Baffle Black Baffle Black Baffle Black Baffle White Baffle
	620C-WH 620B-WH¹ 620HZ-WH 620HZ-SC 620W-WH 620WHZ-WH 620WHZ-ABZ	Cone - Clear Alzak® Cone - Black Alzak® Cone - Haze Cone - Haze Cone - White Cone - Wheat Haze Cone - Wheat Haze

Trim Size: 614 and 620 - 7 $\frac{3}{8}$ " x 7 $\frac{3}{4}$ " 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.

¹Universal voltage: T24 @ 3K, 35K and 41K only.

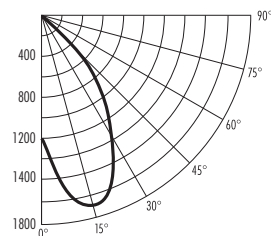
PHOTOMETRIC REPORT

Test Report #: PT06120501R

Catalog No: IC926LED9G3-35K-1
with 614W-WH Trim

Luminaire Spacing Criterion: 1.46

Luminaire LPW: 63



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1092
5	1361
10	1558
15	1709
20	1708
25	1545
30	1347
35	1115
40	764
45	424
50	226
55	110
60	58
65	33
70	17
75	8
80	5
85	2
90	0

AVERAGE INITIAL FOOTCANDLES

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

Ceiling 80% Wall 50% Floor 20%

Spacing	RCR1	RCR3	RCR5
4.0'	67	56	49
5.0'	43	36	31
6.0'	30	25	22
7.0'	24	20	17
8.0'	19	16	14
9.0'	15	12	11
10.0'	11	9	8

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	602	N/A	62.0
0-40°	806	N/A	83.0
0-60°	939	N/A	96.7
0-90°	971	N/A	100.0

INITIAL FOOTCANDLES (One Unit, 15.5W, 43.3° Beam)

Distance to Footcandles Illuminated Plane (Ft.)	Beam Center	Beam Diameter
6	30.3	4.8'
8	17.1	6.4'
10	10.9	7.9'
12	7.6	9.5'
14	5.6	11.1'
16	4.3	12.7'
18	3.4	14.3'
20	2.7	15.9'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	39148
55	12563
65	5064
75	1930
85	1637