

JUNO

6" SLOPE CEILING LED - 1400 LUMENS IC NEW CONSTRUCTION HOUSING

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

STANDARD SLOPE:

2/12 to 6/12 PITCH (9° to 27°)



IC926LED14G4 OPEN TRIMS

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 32W compact fluorescent

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 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 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 [JUNOICLED-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 when used with select baffle and cone trims • Certified to high efficacy requirements of California T24 with select trims • UL listed for U.S. and Canada, through-branch wiring and damp locations • Union made

- UL and cUL listed.

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

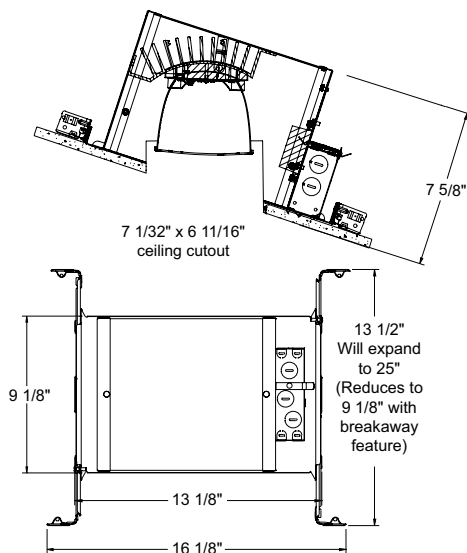
Product specifications subject to change without notice.

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.

DIMENSIONS



Junction Box Pre-wired junction box provided with (6) 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 #12 branch circuit conductors • 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 Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping 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.

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ELECTRICAL DATA DEDICATED 120 VOLT ONLY DRIVER OPTION

120V	
Input Power	20.3W (+/-5%)
Input Current - Max	0.17A
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	20.3W (+/-5%)	20.8W (+/-5%)
Input Current - Max	0.17A	0.08A
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

ORDERING INFORMATION: Housing and trim each ordered separately.

Example: **IC926LED14G4-27K-1**

Housing	Color Temperature	Voltage
IC926LED14G4	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-WH 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 $\frac{3}{8}$ " 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.

ENERGY STAR® qualified and T24 certified @ 3K, 35K and 41K only.

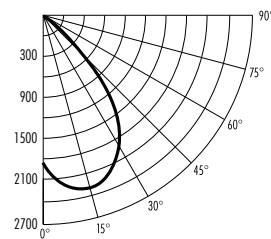
PHOTOMETRIC REPORT

Test Report #: PT10141606R

Catalog No: IC926LED14G4-35K-1
with 614W-WH Trim

Luminaire Spacing Criterion: 1.36

Luminaire LPW: 77



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	1874
5	2145
10	2331
15	2369
20	2280
25	2113
30	1883
35	1580
40	1111
45	571
50	274
55	141
60	80
65	49
70	30
75	15
80	10
85	3
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'	107	92	79
5.0'	69	59	50
6.0'	48	41	35
7.0'	39	33	28
8.0'	30	26	22
9.0'	23	20	17
10.0'	17	15	13

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	1010	N/A	64.8
0-40°	1320	N/A	84.7
0-60°	1507	N/A	96.8
0-90°	1558	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 20.3W, 48.5° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	148.1	3.6'
6	65.8	5.4'
8	37.0	7.2'
10	23.7	9.0'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	47986
55	14655
65	6903
75	3367
85	2269