

Juno®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

6" IC LED RETROFIT WARMDIM® DOWNLIGHT TRIM



600 LUMEN

J6RLWDG4N

PRODUCT DESCRIPTION

All-in-one 6" LED Retrofit downlight trim with patented WarmDim® technology installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • May be used in housings completely covered with insulation • Selection of interchangeable baffle and cone trim inserts can be changed in the field to customize the look of the product • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life • 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 12W

PRODUCT SPECIFICATIONS

LED Retrofit Downlight Trim Aluminum housing with white painted flange as standard • All-in-one design where LED light engine mounts directly to trim • Quick release slot allows for field changing of trim inserts • Provided with torsion springs as standard • Accessory kit available for use in housings that do not have torsion spring retaining brackets.

LED Light Engine Proprietary patented micro processor controlled light engine emulates dimming performance of incandescent light source • Integrated to one piece high purity aluminum, thermally conductive housing providing 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.

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](#).

Trim Inserts Choice of baffle or cone inserts in a selection of finishes ship installed in trim • Interchangeable design allows the inserts to be changed in the field • All inserts available to order as an accessory.

Optical System Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs • Efficient system that can produce over 600 lumens while using 12W.

Electrical Connections Trim features quick connect plug installed as standard for installation into IC23-LEDT24 and IC23R-LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.

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

Labels ENERGY STAR® Qualified when used with select trims • Certified to the high efficacy requirements of California T24 • Suitable for wet locations • Union made • UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24.

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

Product specifications subject to change without notice.

COMPATIBLE HOUSINGS

The J6RLWDG4 retrofit module is compatible with most 6" recessed housings measuring at least 5-1/4" high with an inside diameter between 6" and 6-3/4". Removal of the housing socket plate or socket mounting bracket may be required in order for the trim to fit properly. If housing does not have torsion spring brackets, the V6RL-TRB accessory is required. Compatible housings include, but not limited to:

Juno housings: IC2 and TC2 Series, IC22 Series, IC23 Series, IC21 Series

VuLite housings: V6IC and V6TC Series

Halo housings: H7 Series

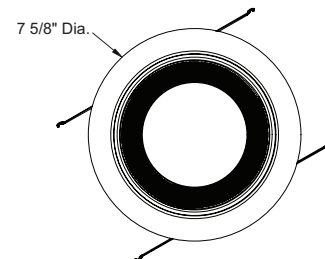
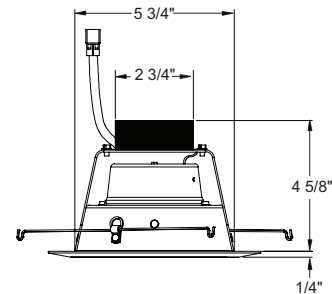
Thomas housings: PS1 and PS3 Series

Capri housings: QL1 Series

Lithonia housings: L7X and LC6 Series

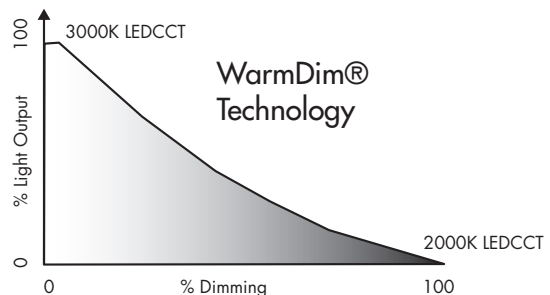


DIMENSIONS



ELECTRICAL DATA

120V	
Input Power	12W (+/- 5%)
Input Current	0.1A
Frequency	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C



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600 LUMEN

J6RLWDG4N

ORDERING INFORMATION: Retrofit and accessories each ordered separately.

Example: **J6RLWDG4N-3K-6-WWH**

Downlight Retrofit	Color Temperature	Lumen Package	Trim
J6RLWDG4N	3K 3000K	6 600 Lumen	

WWH White Baffle
BWH Black Baffle
CLW Clear Cone
WHW White Cone
HZW Haze Cone
WZW Wheat Haze Cone

¹ Not ENERGY STAR® Qualified or T24 certified.

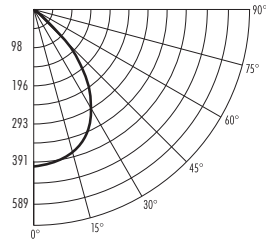
ACCESSORIES

Catalog No.	Description
J6RLTRIM-WWH	White Baffle Trim Insert
J6RLTRIM-BWH	Black Baffle Trim Insert
J6RLTRIM-CLW	Clear Cone Trim Insert
J6RLTRIM-WHW	White Cone Trim Insert
J6RLTRIM-HZW	Haze Cone Trim Insert
J6RLTRIM-WZW	Wheat Haze Cone Trim Insert

To order, specify catalog number.

PHOTOMETRIC REPORT

Test Report #: PT09141107
Catalog No: J6RLWDG4N-3K-6
with White Baffle Trim
Luminaire Spacing Criterion: 1.18
Luminaire LPW: 56



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees	Vertical	0°
0	405	
5	403	
15	386	
25	348	
35	266	
45	128	
55	58	
65	31	
75	14	
85	3	
90	0	

AVERAGE INITIAL FOOTCANDLES

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

Spacing	RCR1	RCR3	RCR5
4.0'	45	37	31
5.0'	29	24	20
6.0'	20	16	14
7.0'	16	13	11
8.0'	13	11	9
9.0'	10	8	7
10.0'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	307	N/A	45.6
0-40°	470	N/A	69.9
0-60°	624	N/A	92.8
0-90°	673	N/A	100.0

INITIAL FOOTCANDLES

(One Unit, 12.1W, 79.2° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	25.3	6.6'
6	11.3	9.9'
8	6.3	13.2'
10	4.1	16.5'

LUMINANCE (Average cd/m²)

Degrees	Average Luminance
45	11704
55	6487
65	4685
75	3450
85	2005

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.

PERFORMANCE DATA¹

Catalog Number	Trim	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
J6RLWDG4N-3K-6-CLW	Clear	12.1W	701	58	50,000
J6RLWDG4N-3K-6-HZW	Haze	12.1W	676	56	50,000
J6RLWDG4N-3K-6-WWH	White Baffle	12.1W	673	56	50,000

¹Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25 °C ambient.



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