



Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

# 6" IC LED RETROFIT WARMDIM™\* EYEBALL TRIM

600 LUMEN

**J6RLEWDG3**

## PRODUCT DESCRIPTION

All-in-one 6" LED Retrofit eyeball trim with 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 • Adjustable eyeball design allows for 30° vertical adjustment • Field installable optic accessories available to provide different beam spread options • 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 less than 15W



## PRODUCT SPECIFICATIONS

**LED Retrofit Eyeball Trim** Aluminum eyeball trim with white finish

- All-in-one design where LED light engine mounts directly to trim
- Up to 30° vertical adjustment • 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 micro processor controlled light engine emulates dimming performance of incandescent light source • Integrated to one piece high purity aluminum, thermally conductive eyeball housing providing uninterrupted heat transfer to ensure long life of the LEDs • Replaceable light engine mounts directly to eyeball housing • 3000K color temperature at full lumen output • 83 CRI typical.

**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 [JUNOLEDG3-6-WARMDIM](#).

**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 less than 15W • Wide flood distribution shipped as standard with optional optic accessories available and sold separately.

**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** Suitable for damp locations • Union made • UL and cUL classified for use with 6" incandescent medium base 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 J6RLEWDG3 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

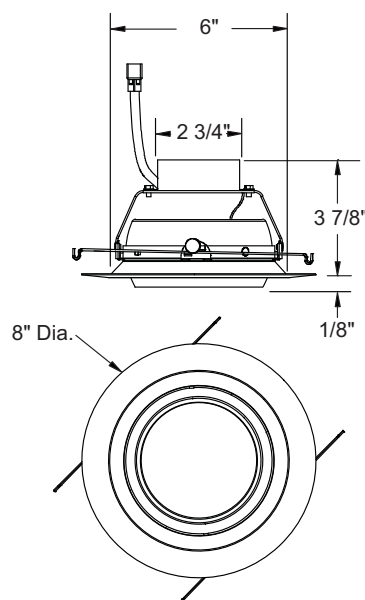
**Thomas housings:** PS1 and PS3 Series

**Capri housings:** QL1 Series

**Lithonia housings:** L7X and LC6 Series

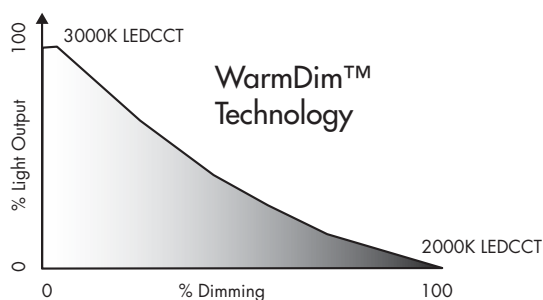
\*Patent Pending

## DIMENSIONS



## ELECTRICAL DATA

120V	
Input Power	14W (+/-5%)
Input Current - Max	0.125A
Frequency	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C



# 6" IC LED RETROFIT WARMDIM™\* EYEBALL TRIM

600 LUMEN

**J6RLEWDG3**
**ORDERING INFORMATION:** Retrofit and accessories each ordered separately.
Example: **J6RLEWDG3-3K-6-WH**

Eyeball Retrofit	Color Temperature	Lumen Package	Finish
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>J6RLEWDG3</b>	<b>3K</b> 3000K	<b>6</b> 600 Lumen	<b>WH</b> White

## ACCESSORIES

Catalog No.	Description
<b>LEDOPTICG3-M</b>	Medium Flood Optic (50°)

To order, specify catalog number.

\*Patent Pending

## PHOTOMETRIC REPORT

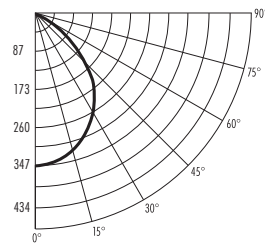
Test Report #: PT09122102R

Catalog No: J6RLEWDG3-3K-6-WH

with standard  
wide beam optic

Luminaire Spacing Criterion: 1.14

Luminaire LPW: 46



## CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	347
5	343
15	324
25	287
35	226
45	146
55	81
65	40
75	16
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'	23	19	15
5.0'	15	12	10
6.0'	10	8	7
7.0'	8	7	6
8.0'	7	5	4
9.0'	5	4	3
10.0'	4	3	2

## ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	255	N/A	39.7
0-40°	396	N/A	61.5
0-60°	583	N/A	90.6
0-90°	643	N/A	100.0

## INITIAL FOOTCANDLES (One Unit, 14.0W, 83.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4	21.7	7.1'
6	9.6	10.7'
8	5.4	14.2'
10	3.5	17.8'

## LUMINANCE (Average cd/m²)

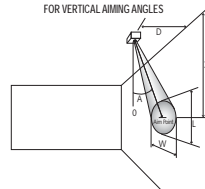
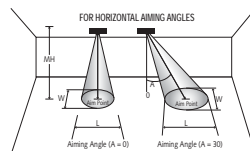
45	22603
55	15346
65	10414
75	6712
85	0

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.

CBCP • Centerbeam candlepower

FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°).



FOR VERTICAL AIMING ANGLES



Vertical Aiming Angles



Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0°					30°					30°				
					MH	FC	L	W		FC	L	W			D	FC	X	L	W
J6RLEWDG3-3K-6-WH with Wide Flood Optic	WFL	83°	50000	347	3	39	2.3	2.3		25	3.2	2.6			1	43	1.7	5.4	1.5
					4	22	3.0	3.0		14	4.3	3.5			2	11	3.5	10.8	3.0
					5	14	3.8	3.8		9	5.3	4.4			3	5	5.2	16.1	4.6
					6	10	4.6	4.6		6	6.4	5.3			4	3	6.9	21.5	6.1
					7	7	5.3	5.3		5	7.5	6.1			5	2	8.7	26.9	7.6
J6RLEWDG3-3K-6-WH with LEDOPTICG3-M Medium Flood Optic	MFL	61°	50000	467	3	52	1.6	1.6		34	2.2	1.9			1	58	1.7	2.8	1.1
					4	29	2.2	2.2		19	3.0	2.5			2	15	3.5	5.7	2.2
					5	19	2.7	2.7		12	3.7	3.2			3	6	5.2	8.5	3.3
					6	13	3.3	3.3		8	4.5	3.8			4	4	6.9	11.3	4.4
					7	10	3.8	3.8		6	5.2	4.4			5	2	8.7	14.1	5.5