

**JUNO**

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

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

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

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

# 6" LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6" RECESSED HOUSINGS



**6RLD**

## PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 6" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing 600 lumens at 11.5W • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

## PRODUCT SPECIFICATIONS

**LED Downlight Retrofit Trim** Cast aluminum trim with white baffle and flange • All-in-one design where LED light engine mounts directly to trim for ease of installation into existing 6" recessed housings with medium base sockets • Provided with torsion springs.

**LED Light Engine** LEDs are mounted directly to cast aluminum housing providing superior thermal management to ensure long life • 2700K or 3000K LED color temperature • 90 CRI minimum • Accommodates 120 volts AC at 60Hz • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see [JUNORETROBASICS-DIM](#).

**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.

**Trim** Cast aluminum baffle trim with white finish • Diffusing lens conceals the LEDs from direct view and provides uniform aperture luminance.

**Life** Rated for 36,000 hours at 70% lumen maintenance.

**Labels** ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24 • UL and cUL classified for use with most standard UL listed 6" recessed incandescent housings and Juno IC23-LEDT24 and IC23R-LEDT24; see below for specific compatibility requirements • Suitable for wet locations (indoor covered ceilings).

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

Product specifications subject to change without notice.

## INSTALLATION

The LED retrofit baffle trim is provided with torsion springs as standard.

### COMPATIBLE HOUSINGS

The 6RLD retrofit module is compatible with most 6" recessed housings measuring at least 4" high with an inside diameter between 5-3/4" and 7". Removal of the housing socket plate or socket mounting bracket may be required in order for the trim to fit properly.

**Compatible housings include, but not limited to:**

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

**Juno quick-connect LED housings:** [IC23-LEDT24](#) and [IC23R-LEDT24](#)

**VuLite housings:** V6IC and V6TC Series

**Halo housings:** H7 Series, H25 Series

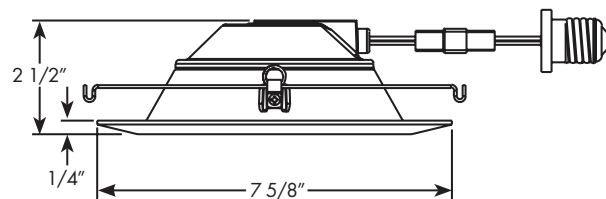
**Thomas housings:** PS1 and PS3 Series

**Capri housings:** CR1, PR1, QL6 Series, P9ASIC Series

**Lithonia housings:** L7X and LC6 Series



## DIMENSIONS



## PRODUCT CODES

Catalog Number	Description
<b>6RLD-927-6-WWH</b>	6" LED retrofit baffle trim, 2700K
<b>6RLD-930-6-WWH</b>	6" LED retrofit baffle trim, 3000K

## PERFORMANCE DATA

	27K	3K
Input Voltage	120V	120V
Input Power	11.5W	11.5W
Frequency	60Hz	60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum starting temp	-30°C (-22°F)	-30°C (-22°F)
Lumens	600 Typical	620 Typical
CRI	90 min.	90 min.
CCT	2700K	3000K

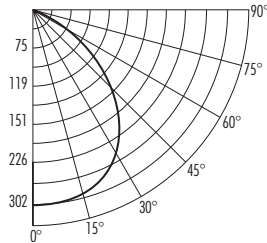
# 6" LED RETROFIT BAFFLE TRIM

## DOWNLIGHT RETROFIT FOR STANDARD 6" RECESSED HOUSINGS

### 6RLD

#### PHOTOMETRIC REPORT

Test Report#: PT05141306R  
 Catalog No: 6RLD-927-6-WWH  
 Luminaire Spacing Criteria: 1.22  
 Luminaire LPW: 56



#### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	302
5	300
15	287
25	261
35	223
45	166
55	94
65	31
75	12
85	3
90	0

#### AVERAGE INITIAL FOOTCANDLES

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

Spacing	RCR1	RCR3	RCR5
4'	42	34	28
5'	27	22	18
6'	19	15	12
7'	15	12	10
8'	12	10	8
9'	9	7	6
10'	7	5	4

#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	229	N/A	36.4
0-40°	368	N/A	58.5
0-60°	579	N/A	92.0
0-90°	630	N/A	100.0

#### INITIAL FOOTCANDLES

(One Unit: 11.3W, 94.7° Beam)

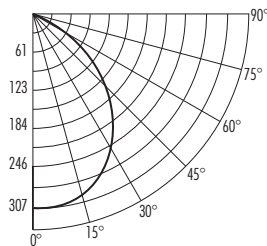
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	18.9	8.7
6'	8.4	13.0
8'	4.7	17.4
10'	3.0	21.7

#### LUMINANCE (Average cd/m<sup>2</sup>)

Angle in Degrees	Average 0-90°
45°	13981
55°	9754
65°	4408
75°	2870
85°	1826

#### PHOTOMETRIC REPORT

Test Report#: PT05141306R  
 Catalog No: 6RLD-930-6-WWH  
 Luminaire Spacing Criteria: 1.28  
 Luminaire LPW: 57



#### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	307
5	305
15	292
25	265
35	227
45	169
55	96
65	32
75	13
85	3
90	0

#### AVERAGE INITIAL FOOTCANDLES

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

Spacing	RCR1	RCR3	RCR5
4'	43	34	28
5'	27	22	18
6'	19	15	12
7'	15	12	10
8'	12	10	8
9'	9	7	6
10'	7	6	4

#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	233	N/A	36.4
0-40°	374	N/A	58.5
0-60°	589	N/A	92.0
0-90°	640	N/A	100.0

#### INITIAL FOOTCANDLES

(One Unit: 11.3W, 94.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	19.2	8.7
6'	8.5	13.0
8'	4.8	17.4
10'	3.1	21.7

#### LUMINANCE (Average cd/m<sup>2</sup>)

Angle in Degrees	Average 0-90°
45°	14221
55°	9921
65°	4483
75°	2919
85°	1857