



4" LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 4" RECESSED HOUSINGS

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



4RLD

PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 4" IC or non-IC recessed housings • Replaces 50W incandescent lamp, producing 575 lumens at 11.5W • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 35,000 hours of life • 5 year warranty

PRODUCT SPECIFICATIONS

LED Retrofit Downlight 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 4" recessed housings with medium base sockets • Provided with push-in friction springs.

LED Light Engine LEDs mounted directly to aluminum housing designed to provide superior thermal management and 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 [JUNOBASICS-DIM](#).

Electrical Connections Trim features quick connect plug installed as standard for installation into IC1-LEDT24 and IC1R-LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 4" 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 35,000 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 4" recessed incandescent housings and Juno IC1-LEDT24 and IC1R-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 push-in friction springs as standard.

COMPATIBLE HOUSINGS

The 4RLD retrofit baffle trim is compatible with most 4" recessed housings measuring at least 4" high with an inside diameter between 4" and 4-1/2".

Compatible housings include, but not limited to:

Juno housings: IC1 and TC1 Series

Juno quick-connect LED housings: [IC1-LEDT24](#) and [IC1R-LEDT24](#)

Vulite housings: V4IC and V4TC Series

Halo housings: H99 Series

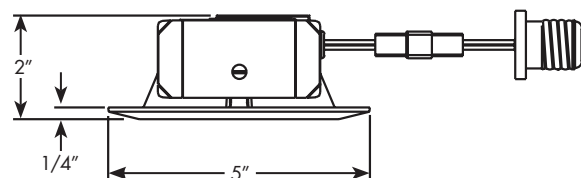
Thomas housings: PS4 Series

Capri housings: P4 and R4 Series

Lithonia housings: L3 Series



DIMENSIONS



PRODUCT CODES

Catalog Number	Description
4RLD-927-6-WWH	4" LED retrofit baffle trim, 2700K
4RLD-930-6-WWH	4" 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	575 Typical	590 Typical
CRI	90 min.	90 min.
CCT	2700K	3000K
LPW	50	51

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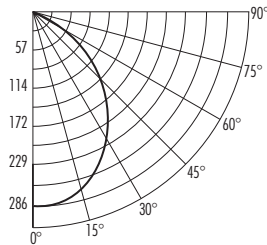
PHOTOMETRIC REPORT

Test Report#: PT05141201R

Catalog No: 4RLD-927-6-WWH

Luminaire Spacing Criteria: 1.24

Luminaire LPW: 51



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	286
5	285
15	272
25	246
35	203
45	142
55	77
65	33
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'	38	31	25
5'	25	20	16
6'	17	14	11
7'	14	11	9
8'	11	9	7
9'	8	7	5
10'	6	5	4

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	217	N/A	37.9
0-40°	343	N/A	59.9
0-60°	522	N/A	91.1
0-90°	573	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 11.3W, 89.6° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	17.9	7.9
6'	7.9	11.9
8'	4.5	15.9
10'	2.9	19.9

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	30616
55°	20373
65°	11700
75°	7630
85°	4771

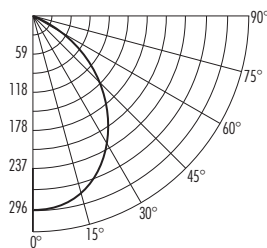
PHOTOMETRIC REPORT

Test Report#: PT05141201R

Catalog No: 4RLD-930-6-WWH

Luminaire Spacing Criteria: 1.24

Luminaire LPW: 52



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	296
5	295
15	281
25	255
35	210
45	147
55	79
65	34
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'	40	32	26
5'	25	20	17
6'	18	14	12
7'	14	11	9
8'	11	9	7
9'	9	7	6
10'	6	5	4

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	224	N/A	37.9
0-40°	355	N/A	59.9
0-60°	539	N/A	91.1
0-90°	592	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 11.3W, 89.6° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	18.5	7.9
6'	8.2	11.9
8'	4.6	15.9
10'	3.0	19.9

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	31651
55°	21062
65°	12095
75°	7888
85°	4931