

JUNO

5" LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5" RECESSED HOUSINGS

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

**5RLD**

PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 5" 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 5" 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 IC20-LEDT24 and IC20R-LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 5" 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 5" recessed incandescent housings and Juno IC20-LEDT24 and IC20R-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 5RLD retrofit module is compatible with most 5" recessed housings measuring at least 4" high with an inside diameter between 5" and 5-3/4". 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: IC20, IC25 and TC20 Series

Juno quick-connect LED housings: [IC20-LEDT24](#) and [IC20R-LEDT24](#)

VuLite housings: V5IC and V5TC Series

Halo housings: H5 Series

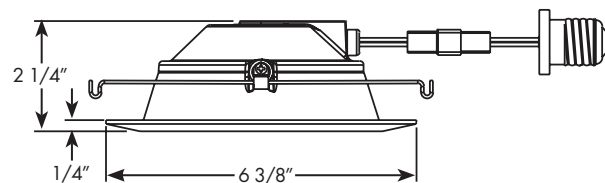
Thomas housings: PS5 and CR5 Series

Capri housings: QL5 Series

Lithonia housings: L5 Series



DIMENSIONS



PRODUCT CODES

Catalog Number	Description
5RLD-927-6-WWH	5" LED retrofit baffle trim, 2700K
5RLD-930-6-WWH	5" 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

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5RLD

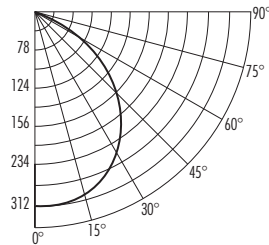
PHOTOMETRIC REPORT

Test Report#: PT05141202R

Catalog No: 5RLD-927-6-WWH

Luminaire Spacing Criteria: 1.18

Luminaire LPW: 55



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	312
5	310
15	295
25	266
35	220
45	161
55	86
65	33
75	15
85	4
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	27
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°	235	N/A	37.4
0-40°	373	N/A	59.3
0-60°	573	N/A	91.2
0-90°	628	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 11.3W, 91.2° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	19.5	8.2
6'	8.7	12.3
8'	4.9	16.3
10'	3.1	20.4

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	19448
55°	12831
65°	6702
75°	5092
85°	3535

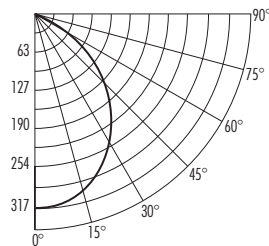
PHOTOMETRIC REPORT

Test Report#: PT05141202R

Catalog No: 5RLD-930-6-WWH

Luminaire Spacing Criteria: 1.26

Luminaire LPW: 56



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	317
5	315
15	300
25	270
35	224
45	163
55	87
65	34
75	16
85	4
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	5	4

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	239	N/A	37.4
0-40°	379	N/A	59.3
0-60°	582	N/A	91.2
0-90°	638	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 11.3W, 91.2° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	19.8	8.2
6'	8.8	12.3
8'	5.0	16.3
10'	3.2	20.4

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	19760
55°	13036
65°	6810
75°	5173
85°	3592