

JUNO

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

**5" BASICS SERIES™
LED RETROFIT BAFFLE TRIM**DOWNLIGHT RETROFIT FOR STANDARD 5"
RECESSED HOUSINGS**5RLD (G2 09LM)****PRODUCT DESCRIPTION**

Energy efficient LED retrofit module fits into standard 5" IC or non-IC recessed housings • Replaces 75W incandescent lamp, producing over 950 lumens • Dimmable with most standard incandescent, magnetic low voltage 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, 3000K, and 3500K 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® Certified • 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 • Damp location • Suitable for wet locations (indoor covered ceilings).

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

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](#)

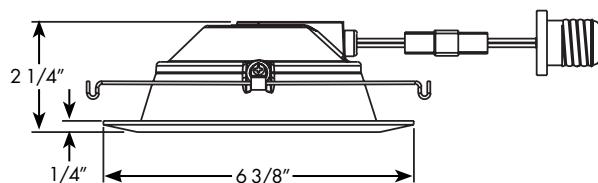
VuLite® housings: V51C and V5TC Series

Lithonia® housings: L5 Series

Halo® housings: H5 Series

Thomas® housings: PS5 and CR5 Series

Capri® housings: QL5 Series

**DIMENSIONS****PERFORMANCE DATA**

	27K	30K	35K
Input Voltage	120V	120V	120V
Input Power Typical	13.5W	13.5W	13.5W
Frequency	60Hz	60Hz	60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	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)	-30°C (-22°F)
CRI	90 min.	90 min.	90 min.
CCT	2700K	3000K	3500K

PRODUCT CODES

Catalog Number	Description
5RLD G2 09LM 27K 90CRI 120 FRPC WWH	5" LED Retrofit Trim, GEN 2, 900lm, 2700K, 90 CRI, 120V, Forward/Reverse Phase Cut, White, White Trim Ring
5RLD G2 09LM 30K 90CRI 120 FRPC WWH	5" LED Retrofit Trim, GEN 2, 900lm, 3000K, 90 CRI, 120V, Forward/Reverse Phase Cut, White, White Trim Ring
5RLD G2 09LM 35K 90CRI 120 FRPC WWH	5" LED Retrofit Trim, GEN 2, 900lm, 3500K, 90 CRI, 120V, Forward/Reverse Phase Cut, White, White Trim Ring

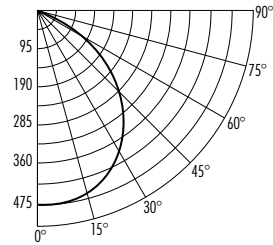


5" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5"
RECESSED HOUSINGS
5RLD (G2 09LM)

PHOTOMETRIC REPORT

Test Report#: PTO2161821R
Catalog No: 5RLD G2 09LM 27K 90CRI WWH
Luminaire Spacing Criteria: 1.18
Luminaire LPW: 68



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	471
5	468
15	446
25	403
35	331
45	234
55	111
65	45
75	22
85	6
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	61	49	41
5'	39	32	26
6'	27	22	18
7'	22	18	15
8'	17	14	12
9'	13	11	9
10'	10	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	355	N/A	38.7
0-40°	561	N/A	61.2
0-60°	842	N/A	91.8
0-90°	918	N/A	100.0

INITIAL FOOTCANDLES

(One Unit: 13.5W, 89.5° Beam)

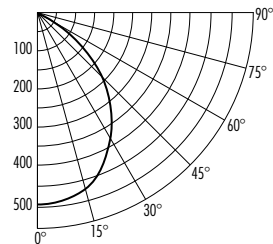
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	29.4	7.9
6'	13.1	11.9
8'	7.4	15.9
10'	4.7	19.8

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	28324
55°	16606
65°	9095
75°	7230
85°	5609

PHOTOMETRIC REPORT

Test Report#: PTO2161822R
Catalog No: 5RLD G2 09LM 30K 90CRI WWH
Luminaire Spacing Criteria: 1.18
Luminaire LPW: 71



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	493
5	490
15	467
25	422
35	347
45	245
55	117
65	47
75	23
85	6
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	64	52	43
5'	41	33	27
6'	29	23	19
7'	23	19	15
8'	18	15	12
9'	14	11	9
10'	10	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	372	N/A	38.7
0-40°	588	N/A	61.1
0-60°	882	N/A	91.7
0-90°	962	N/A	100.0

INITIAL FOOTCANDLES

(One Unit: 13.5W, 89.6° Beam)

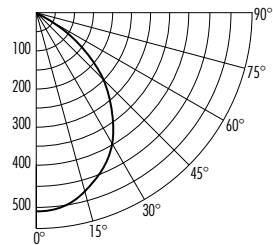
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	30.8	7.9
6'	13.7	11.9
8'	7.7	15.9
10'	4.9	19.9

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	29707
55°	17429
65°	9574
75°	7621
85°	5900

PHOTOMETRIC REPORT

Test Report#: PTO2161822R
Catalog No: 5RLD G2 09LM 35K 90CRI WWH
Luminaire Spacing Criteria: 1.18
Luminaire LPW: 74



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	509
5	506
15	483
25	436
35	358
45	253
55	121
65	49
75	24
85	6
90	0

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	66	53	44
5'	43	34	28
6'	30	24	20
7'	24	19	16
8'	19	15	13
9'	14	12	10
10'	11	9	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	384	N/A	38.7
0-40°	607	N/A	61.1
0-60°	911	N/A	91.7
0-90°	993	N/A	100.0

INITIAL FOOTCANDLES

(One Unit: 13.5W, 89.6° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	31.8	7.9
6'	14.1	11.9
8'	8.0	15.9
10'	5.1	19.9

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	30672
55°	17996
65°	9885
75°	7869
85°	6092