



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

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

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

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

## 5" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5"  
RECESSED HOUSINGS



### 5RLD (G2 06LM)

### PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 5" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 675 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:** V5IC and V5TC Series

**Lithonia® housings:** L5 Series

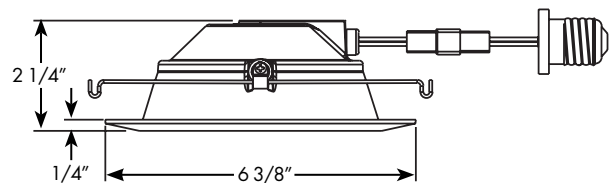
**Halo® housings:** H5 Series

**Thomas® housings:** PS5 and CR5 Series

**Capri® housings:** QL5 Series



### DIMENSIONS



### PERFORMANCE DATA

	27K	30K	35K
Input Voltage	120V	120V	120V
Input Power Typical	10W	10W	10W
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 06LM 27K 90CRI 120 FRPC WWH	5" LED Retrofit Trim, GEN 2, 600lm, 2700K, 90 CRI, 120V, Forward/Reverse Phase Cut, White, White Trim Ring
5RLD G2 06LM 30K 90CRI 120 FRPC WWH	5" LED Retrofit Trim, GEN 2, 600lm, 3000K, 90 CRI, 120V, Forward/Reverse Phase Cut, White, White Trim Ring
5RLD G2 06LM 35K 90CRI 120 FRPC WWH	5" LED Retrofit Trim, GEN 2, 600lm, 3500K, 90 CRI, 120V, Forward/Reverse Phase Cut, White, White Trim Ring

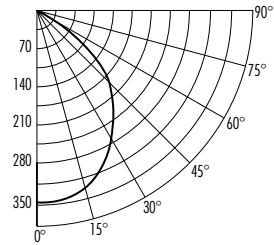


# 5" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5"  
RECESSED HOUSINGS  
**5RLD (G2 06LM)**

## PHOTOMETRIC REPORT

Test Report#: PTO2161611R  
Catalog No: 5RLD G2 06LM 27K 90CRI WWH  
Luminaire Spacing Criteria: 1.18  
Luminaire LPW: 67



## CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	344
5	342
15	326
25	294
35	241
45	171
55	82
65	33
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'	45	36	30
5'	29	23	19
6'	20	16	13
7'	16	13	11
8'	13	10	8
9'	10	8	6
10'	7	6	5

## ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	259	N/A	38.7
0-40°	410	N/A	61.2
0-60°	615	N/A	91.8
0-90°	670	N/A	100.0

## INITIAL FOOTCANDLES

(One Unit: 10W, 89.5° Beam)

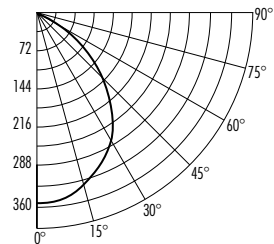
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.5	7.9
6'	9.6	11.9
8'	5.4	15.9
10'	3.4	19.8

## LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	20689
55°	12205
65°	6630
75°	5227
85°	3806

## PHOTOMETRIC REPORT

Test Report#: PTO2161612R  
Catalog No: 5RLD G2 06LM 30K 90CRI WWH  
Luminaire Spacing Criteria: 1.18  
Luminaire LPW: 69



## CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	355
5	353
15	337
25	304
35	250
45	177
55	84
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'	46	37	31
5'	30	24	20
6'	21	17	14
7'	17	13	11
8'	13	11	9
9'	10	8	7
10'	7	6	5

## ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	268	N/A	38.7
0-40°	423	N/A	61.1
0-60°	636	N/A	91.8
0-90°	693	N/A	100.0

## INITIAL FOOTCANDLES

(One Unit: 10W, 89.6° Beam)

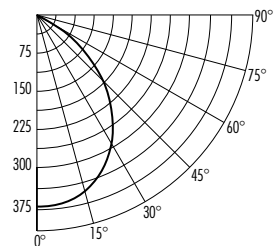
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	22.2	7.9
6'	9.9	11.9
8'	5.5	15.9
10'	3.6	19.9

## LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	21409
55°	12603
65°	6892
75°	5425
85°	4002

## PHOTOMETRIC REPORT

Test Report#: PTO2161612R  
Catalog No: 5RLD G2 06LM 35K 90CRI WWH  
Luminaire Spacing Criteria: 1.18  
Luminaire LPW: 72



## CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	372
5	369
15	352
25	318
35	261
45	185
55	88
65	36
75	17
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'	48	39	32
5'	31	25	21
6'	22	17	14
7'	17	14	12
8'	14	11	9
9'	11	8	7
10'	8	6	5

## ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	280	N/A	38.7
0-40°	443	N/A	61.1
0-60°	665	N/A	91.8
0-90°	725	N/A	100.0

## INITIAL FOOTCANDLES

(One Unit: 10W, 89.6° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	23.3	7.9
6'	10.3	11.9
8'	5.8	15.9
10'	3.7	19.9

## LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	22396
55°	13185
65°	7209
75°	5675
85°	4187