



4" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 4"
RECESSED HOUSINGS
4RLD G2 06LM

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 4" IC or non-IC recessed housings • Replaces 50W incandescent lamp, producing over 650 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 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, 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 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 36,000 hours at 70% lumen maintenance.

Labels ENERGY STAR® Certified • 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 • 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 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: V41C and V4TC Series

Lithonia® housings: L3 Series

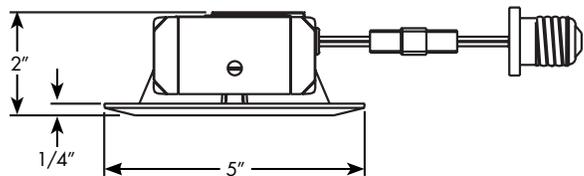
Halo® housings: H99 Series

Thomas® housings: PS4 Series

Capri® housings: P4 and R4 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

ORDERING INFORMATION

Ordering Example: 4RLD G2 06LM 27K 90CRI 120 FRPC WWH

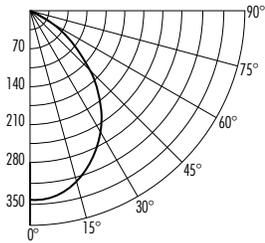
Trim Series	Generation	Lumens	Color Temperature	Color Rendering Index	Voltage	Driver	Finish
4RLD 4" Juno Basics Retrofit Downlight	G2 Generation 2	06LM 600 Nominal Lumens 09LM 900 Nominal Lumens	27K 2700K 30K 3000K 35K 3500K	90CRI 90+ CRI	120 120V	FRPC Forward/Reverse Phase Cut	WWH White, White Trim Ring

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DOWNLIGHT RETROFIT FOR STANDARD 4"
RECESSED HOUSINGS
4RLD G2 06LM

PHOTOMETRIC REPORT

Test Report#: PTO2161003R
Catalog No: 4RLD G2 06LM 27K 90CRI 120 FRPC WWH
Luminaire Spacing Criteria: 1.20
Luminaire LPW: 65



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	340
5	338
15	323
25	292
35	238
45	158
55	76
65	33
75	15
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'	44	35	29
5'	28	23	18
6'	19	16	13
7'	16	13	10
8'	12	10	8
9'	9	8	6
10'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	257	N/A	39.5
0-40°	405	N/A	62.3
0-60°	596	N/A	91.7
0-90°	651	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 10W, 87.2° Beam)

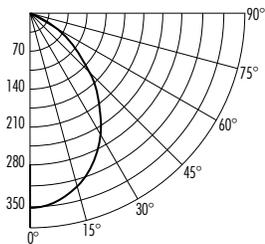
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.3	7.6
6'	9.4	11.4
8'	5.3	15.2
10'	3.4	19.0

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	34099
55°	20172
65°	11973
75°	8881
85°	6019

PHOTOMETRIC REPORT

Test Report#: PTO2161101R
Catalog No: 4RLD G2 06LM 30K 90CRI 120 FRPC WWH
Luminaire Spacing Criteria: 1.20
Luminaire LPW: 67



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	351
5	349
15	334
25	302
35	247
45	164
55	79
65	35
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	37	30
5'	29	23	19
6'	20	16	13
7'	16	13	11
8'	13	10	8
9'	10	8	7
10'	7	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	266	N/A	39.5
0-40°	419	N/A	62.3
0-60°	617	N/A	91.6
0-90°	673	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 10W, 87.3° Beam)

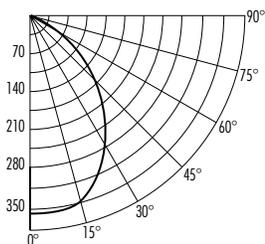
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.9	7.6
6'	9.8	11.4
8'	5.5	15.3
10'	3.5	19.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	35268
55°	20864
65°	12423
75°	9188
85°	6378

PHOTOMETRIC REPORT

Test Report#: PTO2161101R
Catalog No: 4RLD G2 06LM 35K 90CRI 120 FRPC WWH
Luminaire Spacing Criteria: 1.20
Luminaire LPW: 71



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	369
5	367
15	351
25	317
35	259
45	172
55	83
65	36
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'	47	38	31
5'	30	25	20
6'	21	17	14
7'	17	14	11
8'	13	11	9
9'	10	8	7
10'	8	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	279	N/A	39.5
0-40°	440	N/A	62.3
0-60°	648	N/A	91.6
0-90°	707	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 10W, 87.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	23.1	7.9
6'	10.3	11.4
8'	5.8	15.3
10'	3.7	19.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	37040
55°	21913
65°	13047
75°	9649
85°	6699