

JUNO

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

**6" BASICS SERIES™
LED RETROFIT BAFFLE TRIM**DOWNLIGHT RETROFIT FOR STANDARD 6"
RECESSED HOUSINGS**6RLD****PRODUCT DESCRIPTION**

Energy efficient LED retrofit module fits into standard 6" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 600 lumens • 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 6" 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 IC23-LEDT24 and IC23R-LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 6" 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 6" recessed incandescent housings and Juno IC23-LEDT24 and IC23R-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.

Product specifications subject to change without notice.

INSTALLATION

The LED retrofit baffle trim is provided with torsion springs as standard.

COMPATIBLE HOUSINGS

The 6RLD retrofit module is compatible with most 6" recessed housings measuring at least 4" high with an inside diameter between 5-3/4" and 7". 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: IC2, IC21, IC22, IC23 and TC2 Series

Juno quick-connect LED housings: [IC23-LEDT24](#) and [IC23R-LEDT24](#)

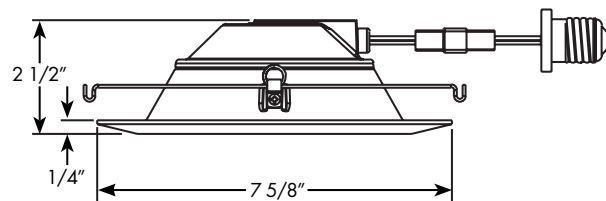
Vulite housings: V6IC and V6TC Series

Halo housings: H7 Series, H25 Series

Thomas housings: PS1 and PS3 Series

Capri housings: CR1, PR1, QL6 Series, P9ASIC Series

Lithonia housings: L7X and LC6 Series

**DIMENSIONS****PRODUCT CODES**

Catalog Number	Description
6RLD-927-6-WWH	6" LED retrofit baffle trim, 2700K
6RLD-930-6-WWH	6" LED retrofit baffle trim, 3000K

PERFORMANCE DATA

	27K	3K
Input Voltage	120V	120V
Input Power Typical	11W	11W
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)
CRI	90 min.	90 min.
CCT	2700K	3000K

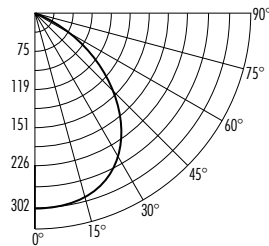
6" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6"
RECESSED HOUSINGS

6RLD

PHOTOMETRIC REPORT

Test Report#: PT05141306R
Catalog No: 6RLD-927-6-WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 56



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	302
5	300
15	287
25	261
35	223
45	166
55	94
65	31
75	12
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'	42	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

INITIAL FOOTCANDLES

(One Unit: 11.3W, 94.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	18.9	8.7
6'	8.4	13.0
8'	4.7	17.4
10'	3.0	21.7

LUMINANCE (Average cd/m²)

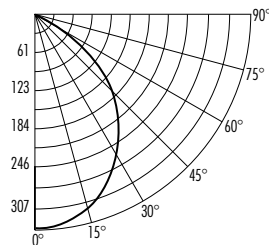
Angle in Degrees	Average 0-90°
45°	13981
55°	9754
65°	4408
75°	2870
85°	1826

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	229	N/A	36.4
0-40°	368	N/A	58.5
0-60°	579	N/A	92.0
0-90°	630	N/A	100.0

PHOTOMETRIC REPORT

Test Report#: PT05141306R
Catalog No: 6RLD-930-6-WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 62



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	329
5	328
15	313
25	285
35	243
45	181
55	103
65	34
75	14
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'	46	37	30
5'	29	24	19
6'	20	16	13
7'	17	13	11
8'	13	11	9
9'	10	8	7
10'	7	6	5

INITIAL FOOTCANDLES

(One Unit: 11W, 94.7° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	20.6	8.7
6'	9.1	13.0
8'	5.1	17.4
10'	3.3	21.7

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	15250
55°	10639
65°	4808
75°	3130
85°	1992

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	250	N/A	36.4
0-40°	402	N/A	58.5
0-60°	632	N/A	92.0
0-90°	687	N/A	100.0

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**6" BASICS SERIES™
LED RETROFIT BAFFLE TRIM**DOWNLIGHT RETROFIT FOR STANDARD 6"
RECESSED HOUSINGS
6RLD G2 06LM**PRODUCT DESCRIPTION**

Energy efficient LED retrofit module fits into standard 6" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 700 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 6" 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 IC23 LEDT24 and IC23R LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 6" 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 6" recessed incandescent housings and Juno IC23 LEDT24 and IC23R 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. Accessory kit available for use in housings that do not have torsion spring retaining brackets.

COMPATIBLE HOUSINGS

The 6RLD retrofit module is compatible with most 6" recessed housings measuring at least 4" high with an inside diameter between 5-3/4" and 7". 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: IC2, IC21, IC22, IC23 and TC2 Series

Juno quick-connect LED housings: [IC23 LEDT24](#) and [IC23R LEDT24](#)

VuLite® housings: V6IC and V6TC Series

Lithonia® housings: L7X and LC6 Series

Halo® housings: H7 Series, H25 Series

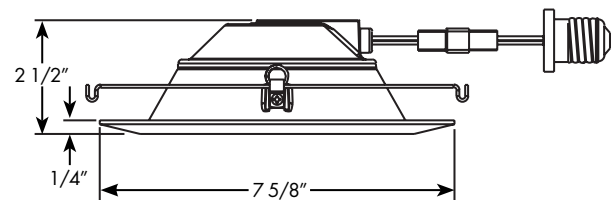
Thomas® housings: PS1 and PS3 Series

Capri® housings: CR1, PR1, QL6 Series, P9ASIC Series

ORDERING INFORMATION

Ordering Example: 6RLD G2 06LM 27K 90CRI 120 FRPC WWH

Trim Series	Generation	Lumens	Color Temperature	Color Rendering Index	Voltage	Driver	Finish
6RLD 6" Juno Basics Retrofit Downlight	G2 Generation 2	06LM 600 Nominal Lumens	27K 2700K 30K 3000K	90CRI 90+ CRI	120 120V	FRPC Forward/Reverse Phase Cut	WWH White, White Trim Ring
		09LM 900 Nominal Lumens	35K 3500K				

**DIMENSIONS****MOUNTING ACCESSORIES****V6RLTRB**

Torsion receiver bracket kit to install into housings that do not have torsion receiver brackets.

PERFORMANCE DATA

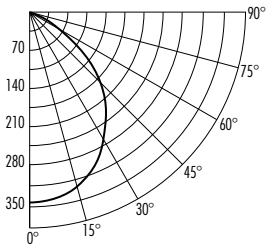
	27K	30K	35K
Input Voltage	120V	120V	120V
Input Power Typical	10W	10W	10W
Frequency	60Hz	60Hz	60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum starting temp	-30°C (-22°F)	-30°C (-22°F)	-30°C (-22°F)
CRI	90 min.	90 min.	90 min.
CCT	2700K	3000K	3500K

6" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6"
RECESSED HOUSINGS
6RLD G2 06LM

PHOTOMETRIC REPORT

Test Report#: PTO2161613R
Catalog No: 6RLD G2 06LM 27K 90CRI 120 FRPC WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 69



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	340
5	339
15	324
25	294
35	249
45	182
55	95
65	31
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'	46	37	30
5'	29	24	20
6'	20	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°	259	N/A	37.7
0-40°	414	N/A	60.2
0-60°	638	N/A	92.8
0-90°	687	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 10W, 93° Beam)

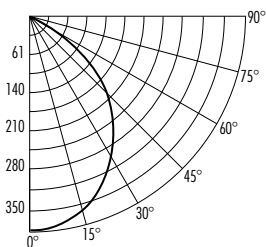
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.3	8.4
6'	9.4	12.6
8'	5.3	16.9
10'	3.4	21.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	16650
55°	10666
65°	4721
75°	3267
85°	2198

PHOTOMETRIC REPORT

Test Report#: PTO2161614R
Catalog No: 6RLD G2 06LM 30K 90CRI 120 FRPC WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 71



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	350
5	348
15	334
25	303
35	257
45	188
55	98
65	32
75	14
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'	47	38	32
5'	30	24	20
6'	21	17	14
7'	17	14	11
8'	14	11	9
9'	10	8	7
10'	8	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	267	N/A	37.6
0-40°	427	N/A	60.1
0-60°	658	N/A	92.7
0-90°	710	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 10W, 93.2° Beam)

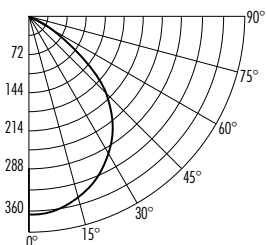
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.9	8.5
6'	9.7	12.7
8'	5.5	16.9
10'	3.5	21.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	17969
55°	11545
65°	5109
75°	3571
85°	2374

PHOTOMETRIC REPORT

Test Report#: PTO2161614R
Catalog No: 6RLD G2 06LM 35K 90CRI 120 FRPC WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 74



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	366
5	364
15	349
25	326
35	269
45	196
55	102
65	33
75	14
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'	50	40	33
5'	32	26	21
6'	22	18	15
7'	18	14	12
8'	14	11	9
9'	11	9	7
10'	8	6	5

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	279	N/A	37.6
0-40°	446	N/A	60.1
0-60°	688	N/A	92.7
0-90°	742	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 10W, 93.2° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	22.9	8.5
6'	10.2	12.7
8'	5.7	16.9
10'	3.7	21.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	15250
55°	10639
65°	4808
75°	3130
85°	1992