

JUNO

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

**6" BASICS SERIES™
LED RETROFIT BAFFLE TRIM**DOWNLIGHT RETROFIT FOR STANDARD 6"
RECESSED HOUSINGS**6RLDG2 975L****PRODUCT DESCRIPTION**

Energy efficient LED retrofit module fits into standard 6" IC or non-IC recessed housings • Replaces 75W incandescent lamp, producing over 975 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® 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](#)

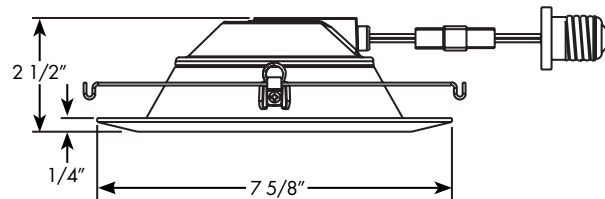
VuLife® housings: V6IC and V6TC Series

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

**DIMENSIONS****PRODUCT CODES**

Catalog Number	Description
6RLDG2-927-9-WWH	6" LED retrofit baffle trim, 2700K, 975 Lumen
6RLDG2-930-9-WWH	6" LED retrofit baffle trim, 3000K, 975 Lumen
6RLDG2-935-9-WWH	6" LED retrofit baffle trim, 3500K, 975 Lumen

PERFORMANCE DATA

	27K	3K	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

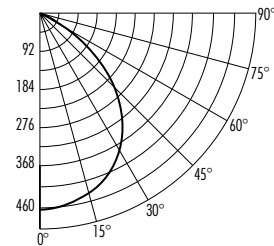
6" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 6"
RECESSED HOUSINGS

6RLDG2 975L

PHOTOMETRIC REPORT

Test Report#: PTO2161823R
Catalog No: 6RLDG2-927-9-WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 70



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	464
5	462
15	442
25	401
35	340
45	248
55	129
65	42
75	18
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'	63	51	42
5'	40	32	27
6'	28	22	19
7'	23	18	15
8'	18	14	12
9'	14	11	9
10'	10	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	353	N/A	37.6
0-40°	565	N/A	60.1
0-60°	871	N/A	92.7
0-90°	940	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 13.5W, 93° Beam)

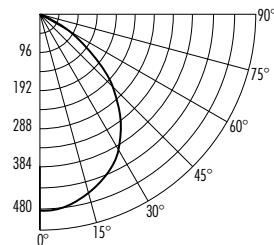
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	29.0	8.4
6'	12.9	12.6
8'	7.3	16.9
10'	4.6	21.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	22733
55°	14590
65°	6485
75°	4605
85°	3291

PHOTOMETRIC REPORT

Test Report#: PTO2161824R
Catalog No: 6RLDG2-930-9-WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 73



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	486
5	484
15	464
25	421
35	358
45	261
55	135
65	45
75	19
85	5
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'	42	34	28
6'	29	24	19
7'	24	19	16
8'	19	15	12
9'	14	12	10
10'	11	8	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	370	N/A	37.6
0-40°	593	N/A	60.1
0-60°	914	N/A	92.7
0-90°	986	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 13.5W, 93.2° Beam)

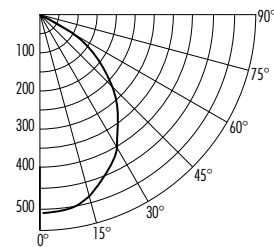
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	30.4	8.5
6'	13.5	12.7
8'	7.6	16.9
10'	4.9	21.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	23923
55°	15279
65°	6817
75°	4827
85°	3510

PHOTOMETRIC REPORT

Test Report#: PTO2161824R
Catalog No: 6RLDG2-935-9-WWH
Luminaire Spacing Criteria: 1.22
Luminaire LPW: 75



CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	502
5	500
15	479
25	435
35	369
45	270
55	140
65	46
75	20
85	5
90	0

AVERAGE INITIAL FOOTCANDLES Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	68	55	45
5'	44	35	29
6'	30	24	20
7'	25	20	16
8'	19	16	13
9'	15	12	10
10'	11	9	7

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	382	N/A	37.6
0-40°	612	N/A	60.1
0-60°	943	N/A	92.7
0-90°	1018	N/A	100.0

INITIAL FOOTCANDLES (One Unit: 13.5W, 93.2° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	31.4	8.5
6'	13.9	12.7
8'	7.8	16.9
10'	5.0	21.1

LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	24700
55°	15776
65°	7038
75°	4983
85°	3625