

R4RWL, R4SWL

4.5" Volta - Wallwash Trimless

WAC LIGHTING

Responsible Lighting®



Fixture Type:

Catalog Number:

Project: _____

Location: _____

PRODUCT DESCRIPTION

Volta LED downlight series represents an innovation in design and technology for architectural lighting. This high lumen and adaptable family of fixtures with a comprehensive set of round and square fittings, affords a sustainable solution for commercial, corporate, and upscale residential applications.

FEATURES

- Innovative bi-directional spread lens
- Engineered for even wall illumination both vertically and horizontally
- 5 year WAC Lighting product warranty

SPECIFICATIONS

Construction: Durable die-cast aluminum construction

Input: Universal 120 - 277V AC 50/60 Hz

Dimming: Electronic Low Voltage (ELV): 100%-5%
0-10V: 100%-0%
Lutron Hi-Lume 1% Ecosystem Fade-to-Black option

Light Source: High output 3-step Mac Adam Ellipse COB
Rated life of 50,000 hours at L70

Mounting: Heavy gauge retention clips support trim firmly. Safety cabling standard.
Ceiling cut out (Round): Ø 5 1/8"
Ceiling cut out (Square): 5 1/8" x 5 1/8"
Accommodates 1/2" - 1" ceiling thickness

Finish: Electrostatically powder coated White, Black. Enamel coated Haze. Plated and brushed Bronze

Standards: ETL & cETL Wet location Listed

TRIMS (ORDER HOUSING SEPARATELY)

Model	Beam Angle	Reference Output*		Color Temp	CRI	Finishes	Reflector/Trim
		Lumens	Lumen/Watt				
	A Asym R4RWL <i>Round</i>	1995	58	827 2700K 85 927 2700K 90 830 3000K 85 930 3000K 90 835 3500K 85 840 4000K 85	BK Black HZ Haze WT White CB Bronze		
		2405	71	R4SWL <i>Square</i>	A Asym		

*Reference output shows **830**(85CRI 3000K) trim with **36** housing. Use multiplier table below to determine the output for other combinations.

Multiplier	TRIM					
	827	927	830	930	835	840
HOUSING 36	0.95	0.81	1.00	0.86	1.05	1.07
25	0.66	0.56	0.69	0.59	0.73	0.74
15	0.43	0.37	0.45	0.39	0.48	0.49

R4_WL-_____ - _____

Example: **R4RWL-S827-WT**

Please see next page for housing units(required)

wacighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

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HOUSINGS (REQUIRED)

		Model	Power	Rating	Driver	Emergency Backup
	R4RNL <i>Airtight</i>	15 15W 25 23W 36 34W	IC rated IC rated Non-IC	DEFAULT L1	ELV, 0-10V Lutron Hi-Lume 1%	EM
	R4RCL <i>Airtight, Chicago Plenum</i>					
	R4SNL <i>Airtight</i>	15 15W 25 23W 36 34W	IC rated IC rated Non-IC	DEFAULT L1	ELV, 0-10V Lutron Hi-Lume 1%	EM
	R4SCL <i>Airtight, Chicago Plenum</i>					

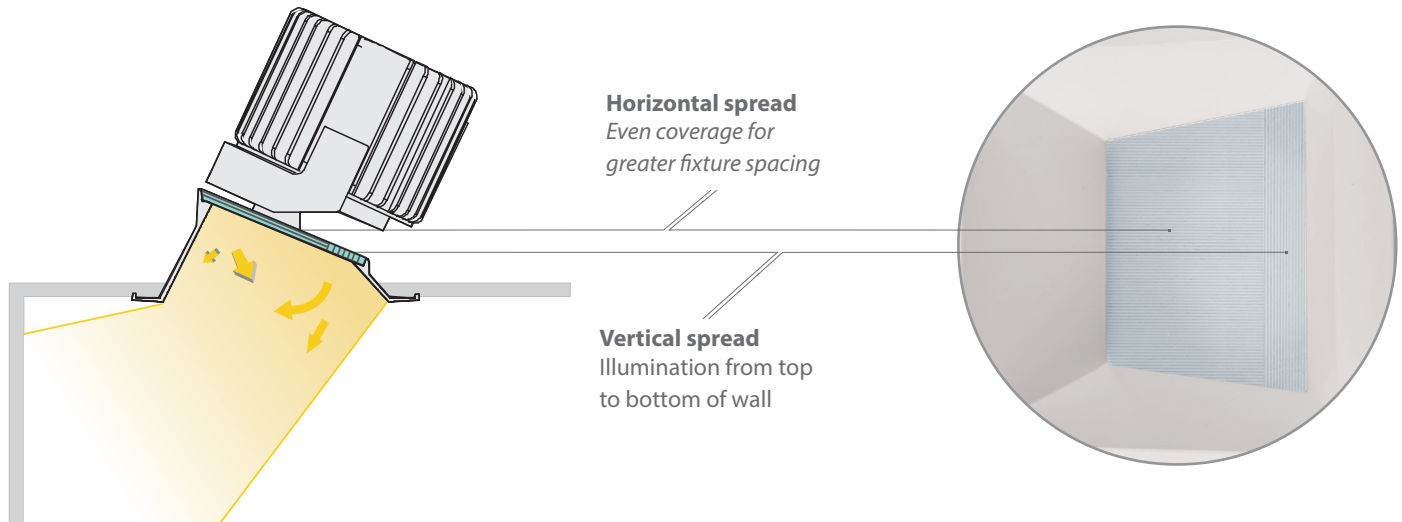
Field Replaceable Driver

D-R4N-15	Driver for 15W New Construction Hsg
D-R4N-25	Driver for 23W New Construction Hsg
D-R4N-36	Driver for 34W New Construction Hsg

R4 -
Example: **R4RNL-15** or **R4RNL-15EM** (with Emergency backup battery)

Trimless housings come included with die-cast spackle frame.

BI-DIRECTIONAL SPREAD LENS



AVERAGE WALL ILLUMINANCE*

R4RWL-A830 10' CEILING	ON-CENTER SPACING		R4SWL-A830 10' CEILING	ON-CENTER SPACING		
	3'	4'		3'	4'	
DISTANCE FROM WALL 3'	15W	14 fc	15W	16 fc	15W	12 fc
	23W	22 fc	23W	24 fc	23W	18 fc
	34W	29 fc	34W	32 fc	34W	24 fc
DISTANCE FROM WALL 4'	15W	12 fc	15W	14 fc	15W	11 fc
	23W	18 fc	23W	21 fc	23W	16 fc
	34W	25 fc	34W	28 fc	34W	21 fc

*Results may vary depending on field conditions such as surface properties, ambient light levels, etc.

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