

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				
 R4RWL Round	A Asym	1995	58	827 2700K 85	85	BK Black HZ Haze WT White CB Bronze	
		2405	71	927 2700K 90 830 3000K 85 930 3000K 90 835 3500K 85 840 4000K 85			
R4SWL Square	A Asym	2405	71	827 2700K 85	85	BK Black HZ Haze WT White CB Bronze	

*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)

waclighting.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

R4RWL, R4SWL

4.5" Volta - Wallwash Trimless

WAC LIGHTING

Responsible Lighting®

HOUSINGS (REQUIRED)

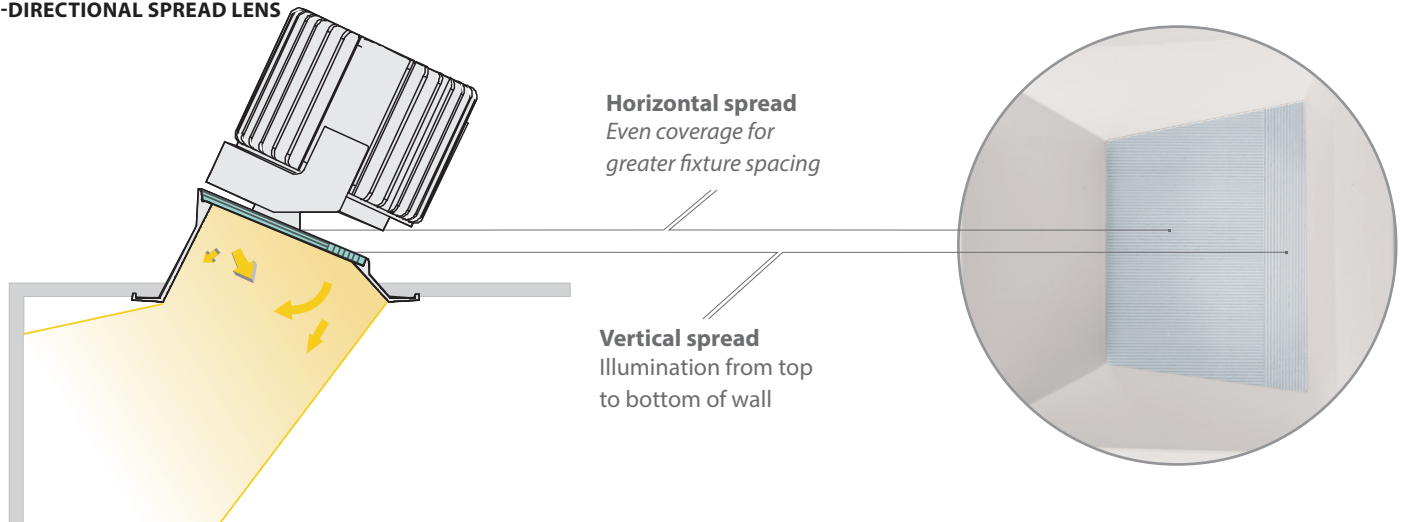
	Model	Power	Rating	Driver	Emergency Backup
<p>Round New Construction</p>	R4RNL Airtight	15 15W	IC rated	DEFAULT	EM
	R4RCL Airtight, Chicago Plenum	25 23W 36 34W	IC rated Non-IC	L1 ELV, 0-10V Lutron Hi-Lume 1%	
<p>Square New Construction</p>	R4SNL Airtight,	15 15W	IC rated	DEFAULT	EM
	R4SCL Airtight, Chicago Plenum	25 23W 36 34W	IC rated Non-IC	L1 ELV, 0-10V Lutron Hi-Lume 1%	
<p>Remodel</p>	R4RRL Round Trimless R4SRL Square Trimless	15 15W 25 23W 36 34W	Non-IC Non-IC Non-IC	DEFAULT	N/A

R4 -
Example: **R4RNL-15** or **R4RNL-15EM** (with Emergency backup battery)
Trimless housings come included with die-cast spackle frame.

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

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 11 fc	3'	15W 16 fc
		23W 22 fc	23W 17 fc		23W 18 fc
		34W 29 fc	34W 22 fc		34W 24 fc
DISTANCE FROM WALL	4'	15W 12 fc	15W 9 fc	4'	15W 14 fc
		23W 18 fc	23W 14 fc		23W 16 fc
		34W 25 fc	34W 19 fc		34W 21 fc

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

waclighting.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