R4RD2L, R4SD2L

4.5" Volta - Downlight 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

- 2" lens regress for superior glare control
- Field selectable light engine height for cut-off angle adjustment (30° - 34°) and accessory use
- Integral patterned tempered trim lens included standard
- Compatible with wide range of accessories
- 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"
Accomodates 1/2 "- 1 1/2" ceiling thickness

Finish: Electrostatically powder coated White, Black. Enamel coated Haze.

Plated and brushed Bronze

Standards: ETL & cETL Wet location Listed, Energy Star® 2.0, Title 24 JA8-2016

Compliant

TRIMS (ORDER HOUSING SEPARATELY)

			Re	ference	Output*						
Model		Beam Angle	Lumens	CBCP	Lumen/Watt	Color	Гетр	CRI	Finishes	Reflector/Trim	
6%"	R4RD2L Round	S 15° N 25° F 45° W 60°	1405 3145 3025 2895	11420 9615 5005 3125	65 94 90 85	827 927 830	2700K 2700K 3000K	85 90 85	BK HZ	Black Haze	_
max	R4SD2L Square	s 15° N 25° F 45° W 60°	1440 3350 3200 3060	11985 9820 4935 3055	66 99 95 90	930 835 840	3000K 3500K 4000K	90 85 85	WT CB	White 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			
	36	0.95	0.81	1.00	0.86	1.05	1.07			
HOUSING	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_D2L-___-

Example: R4RD2L-S827-WT

Please see next page for housing units(required)

waclighting.comHeadquarters/Eastern Distribution CenterPhone (800) 526.258844 Harbor Park DriveFax (800) 526.2585Port Washington, NY 11050

Central Distribution Center 1600 Distribution Ct Lithia Springs, GA 30122 **Western Distribution Center** 1750 Archibald Avenue Ontario, CA 91760

R4RD2L, R4SD2L

4.5" Volta - Downlight Trimless

WAC LIGHTING

Responsible Lighting®

HOUSINGS (REQUIRED)

	Model	Power*	S	N, F, W	Rating	Driver		Emergency Backup
Round New Construction 131/16" (EM option) 131/16" 1711/16" 1771/16" 177/16"	R4RNL Airtight R4RCL Airtight, Chicago Plenum	15 25 36	10W 15W 22W	15W 23W 34W	IC rated IC rated Non-IC	DEFAULT L1	ELV, 0-10V Lutron Hi-Lume 1%	EM
Square New Construction 19/16" (EM option) 13/16" 13/16" 13/16" 13/16" 13/16" 17/16"	R4SNL Airtight, R4SCL Airtight, Chicago Plenum	15 25 36	10W 15W 22W	15W 23W 34W	IC rated IC rated Non-IC	DEFAULT L1	ELV, 0-10V Lutron Hi-Lume 1%	EM

^{*}Power consumption depends on beam angle of the trim.

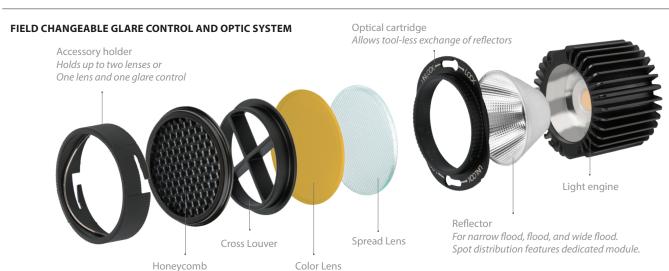
R4 -

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 Hsq



Accessory holder

LENS-73-HLD

Required to hold lens and glare control accessories

Glare control accessories

LENS-73-HCL

Honeycomb Louver

Cross Louver

LENS-73-AMB Amber lens
LENS-73-RED Red lens
LENS-73-FR Frosted lens
LENS-73-SPR Spread lens
LENS-73-BEL Beam Elongating

REF-R4-N Narrow Flood beam reflector
REF-R4-F Flood beam reflector
Wide beam reflector

Interchangable Reflector

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

LENS-73-CRL

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

Lens

Central Distribution Center 1600 Distribution Ct Lithia Springs, GA 30122 Western Distribution Center 1750 Archibald Avenue Ontario, CA 91760