

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"
Accommodates 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)

Model	Beam Angle	Reference Output*				Color Temp	CRI	Finishes	Reflector/Trim
		Lumens	CBCP	Lumen/Watt					
	R4RD2L Round	S 15°	1405	11420	65	827 2700K 85 927 2700K 90 830 3000K 85 930 3000K 90 835 3500K 85 840 4000K 85	85	BK Black HZ Haze WT White CB Bronze	
		N 25°	3145	9615	94				
		F 45°	3025	5005	90				
		W 60°	2895	3125	85				
	R4SD2L Square	S 15°	1440	11985	66				
		N 25°	3350	9820	99				
		F 45°	3200	4935	95				
		W 60°	3060	3055	90				

*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_D2L- -

Example: **R4RD2L-S827-WT**

Please see next page for housing units(required)

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HOUSINGS (REQUIRED)

	Model	Power*	S	N, F, W	Rating	Driver	Emergency Backup
Round New Construction 	R4RNL <i>Airtight</i>	15	10W	15W	IC rated	DEFAULT L1 <i>ELV, 0-10V Lutron Hi-Lume 1%</i>	EM
	R4RCL <i>Airtight, Chicago Plenum</i>	25	15W	23W	IC rated		
		36	22W	34W	Non-IC		
Square New Construction 	R4SNL <i>Airtight,</i>	15	10W	15W	IC rated	DEFAULT L1 <i>ELV, 0-10V Lutron Hi-Lume 1%</i>	EM
	R4SCL <i>Airtight, Chicago Plenum</i>	25	15W	23W	IC rated		
		36	22W	34W	Non-IC		

*Power consumption depends on beam angle of the trim.

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

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

Trimless housings come included with die-cast spackle frame.

FIELD CHANGEABLE GLARE CONTROL AND OPTIC SYSTEM

Accessory holder
Holds up to two lenses or
One lens and one glare control

Optical cartridge
Allows tool-less exchange of reflectors



Accessory holder

LENS-73-HLD

Required to hold lens and glare control accessories

Glare control accessories

LENS-73-HCL LENS-73-CRL

Honeycomb Louver
Cross Louver

Lens

LENS-73-AMB LENS-73-RED LENS-73-FR LENS-73-SPR LENS-73-BEL

Amber lens
Red lens
Frosted lens
Spread lens
Beam Elongating

Interchangeable Reflector

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

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