

R4RWT, R4SWT

4.5" Volta - Wallwash Trim

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

- Dual finishes are single piece, no physical seams
- 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 self flanged 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 copper 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				
	R4RWT Round	A Asym	1995	58	827 2700K 85 927 2700K 90 830 3000K 85 930 3000K 90 835 3500K 85 840 4000K 85	BK Black BKWT Black/White CB Copper Bronze HZ Haze HZWT Haze/White WT White	
	R4SWT Square	A Asym	2405	71			

*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__WT-_____-_____

Example: **R4RWT-S827-WT**

Please see next page for housing units(required)

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HOUSINGS (REQUIRED)

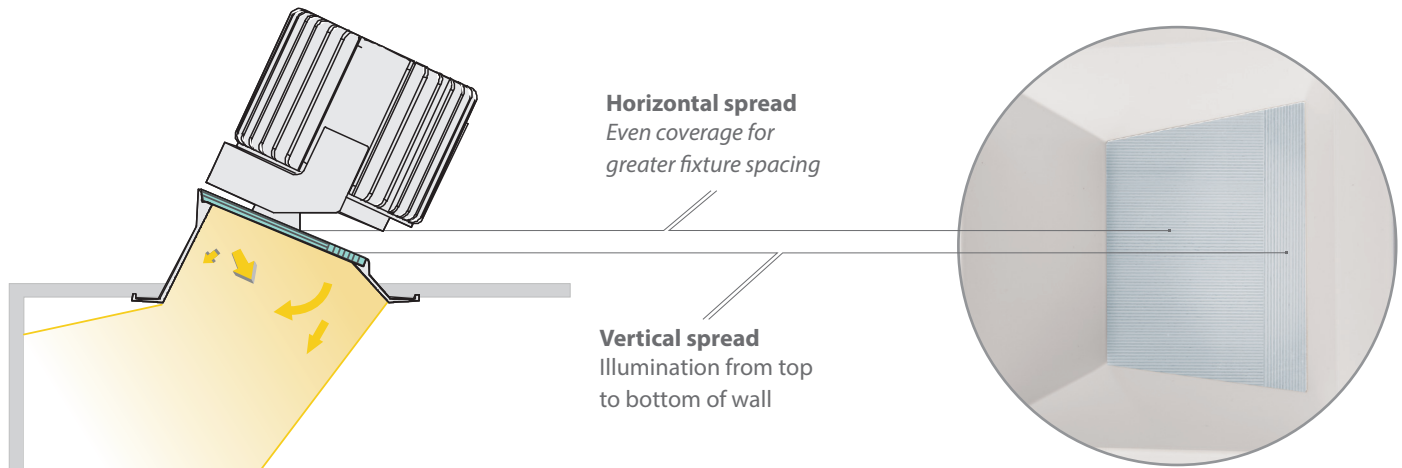
		Model	Power	Rating	Driver	Emergency Backup
	R4RNT <i>Airtight</i>	15 15W 25 25W 36 36W	IC rated IC rated Non-IC	DEFAULT L1	ELV, 0-10V Lutron Hi-Lume 1%	EM
	R4RCT <i>Airtight, Chicago Plenum</i>					
R4SNT <i>Airtight</i>						
	R4SNT <i>Airtight</i>	15 15W 25 23W 36 34W	IC rated IC rated Non-IC	DEFAULT L1	ELV, 0-10V Lutron Hi-Lume 1%	EM
	R4SCT <i>Airtight, Chicago Plenum</i>					
	R4BRT <i>Round or Square</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: **R4RNT-15** or **R4RNT-15EM** (with Emergency backup battery)

BI-DIRECTIONAL SPREAD LENS



AVERAGE WALL ILLUMINANCE*

R4RWT-A830 10' CEILING	ON-CENTER SPACING			
	3'		4'	
	DISTANCE FROM WALL	15W 14 fc	15W 11 fc	23W 17 fc
3'	23W 22 fc	23W 17 fc	34W 22 fc	
4'	15W 12 fc	15W 9 fc	23W 14 fc	34W 19 fc
	23W 18 fc	23W 14 fc	34W 19 fc	
	34W 25 fc	34W 19 fc		

R4SWT-A830 10' CEILING	ON-CENTER SPACING			
	3'		4'	
	DISTANCE FROM WALL	15W 16 fc	15W 12 fc	23W 18 fc
3'	23W 24 fc	23W 18 fc	34W 24 fc	
4'	15W 14 fc	15W 11 fc	23W 16 fc	34W 21 fc
	23W 21 fc	23W 16 fc	34W 21 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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