

# R4RD2T, R4SD2T

## 4.5" Volta - Downlight 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

- 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 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 1/2" ceiling thickness
- Finish:** Electrostatically powder coated White, Black. Enamel coated Haze. Plated and brushed copper 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				
	<b>R4RD2T</b> <i>Round</i>	<b>S</b> 15°	1405	11420	65	<b>827</b> 2700K 85 <b>927</b> 2700K 90 <b>830</b> 3000K 85 <b>930</b> 3000K 90 <b>835</b> 3500K 85 <b>840</b> 4000K 85	<b>BK</b> Black <b>BKWT</b> Black/White <b>CB</b> Copper Bronze <b>HZ</b> Haze <b>HZWT</b> Haze/White <b>WT</b> White	
		<b>N</b> 25°	3145	9615	94			
		<b>F</b> 45°	3025	5005	90			
		<b>W</b> 60°	2895	3125	85			
	<b>R4SD2T</b> <i>Square</i>	<b>S</b> 15°	1440	11985	66			
		<b>N</b> 25°	3350	9820	99			
		<b>F</b> 45°	3200	4935	95			
		<b>W</b> 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					
	<b>827</b>	<b>927</b>	<b>830</b>	<b>930</b>	<b>835</b>	<b>840</b>
<b>HOUSING 36</b>	0.95	0.81	1.00	0.86	1.05	1.07
<b>HOUSING 25</b>	0.66	0.56	0.69	0.59	0.73	0.74
<b>HOUSING 15</b>	0.43	0.37	0.45	0.39	0.48	0.49

### R4\_D2T-\_\_\_\_\_ - \_\_\_\_\_

Example: **R4RD2T-5827-HZWT**

Please see next page for housing units(required)

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### HOUSINGS (REQUIRED)

	Model	Power*	S	N, F, W	Rating	Driver	Emergency Backup
<p>Round New Construction</p>	<b>R4RNT</b> Airtight <b>R4RCT</b> Airtight, Chicago Plenum	<b>15</b> <b>25</b> <b>36</b>	10W 15W 22W	15W 23W 34W	IC rated IC rated Non-IC	<b>DEFAULT</b> <b>L1</b> ELV, 0-10V Lutron Hi-Lume 1%	<b>EM</b>
<p>Square New Construction</p>	<b>R4SNT</b> Airtight <b>R4SCT</b> Airtight, Chicago Plenum	<b>15</b> <b>25</b> <b>36</b>	10W 15W 22W	15W 23W 34W	IC rated IC rated Non-IC	<b>DEFAULT</b> <b>L1</b> ELV, 0-10V Lutron Hi-Lume 1%	<b>EM</b>
<p>Remodel</p>	<b>R4BRT</b> Round or Square	<b>15</b> <b>25</b> <b>36</b>	10W 15W 22W	15W 23W 34W	Non-IC Non-IC Non-IC	<b>DEFAULT</b> ELV, 0-10V	N/A

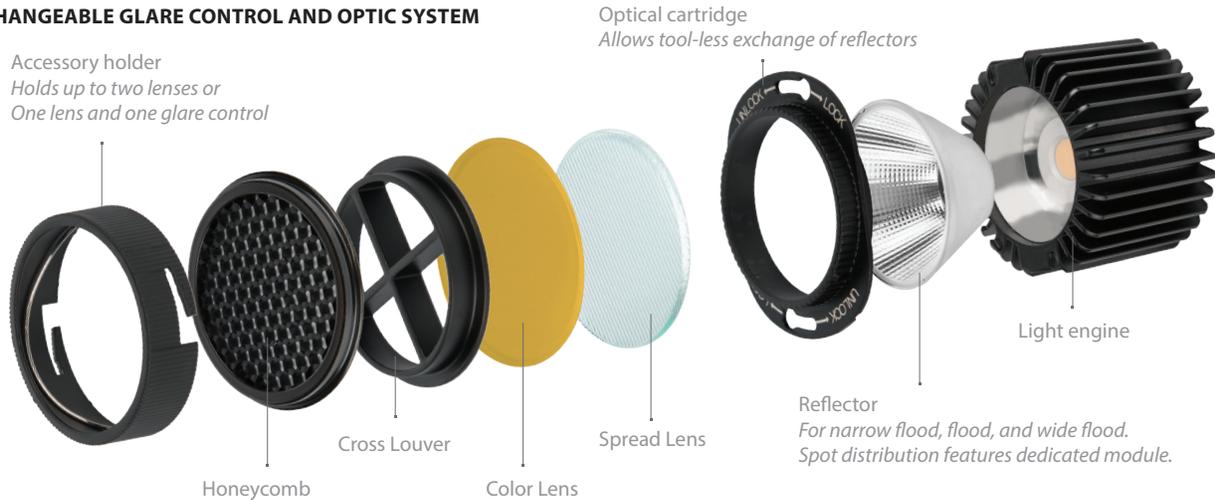
\*Power consumption depends on beam angle of the trim.

#### Field Replaceable Driver

<b>D-R4N-15</b>	Driver for 15W New Construction Hsg
<b>D-R4N-25</b>	Driver for 23W New Construction Hsg
<b>D-R4N-36</b>	Driver for 34W New Construction Hsg

**R4** \_\_\_\_\_ - \_\_\_\_\_  
 Example: **R4RNT-15** or **R4RNT-15EM** (with Emergency backup battery)

### FIELD CHANGEABLE GLARE CONTROL AND OPTIC SYSTEM



<b>LENS-73-HLD</b> Required to hold lens and glare control accessories
<b>LENS-73-HCL</b> <b>LENS-73-CRL</b> Honeycomb Louver Cross Louver

<b>LENS-73-AMB</b> <b>LENS-73-RED</b> <b>LENS-73-FR</b> <b>LENS-73-SPR</b> <b>LENS-73-BEL</b> Amber lens Red lens Frosted lens Spread lens Beam Elongating
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<b>REF-R4-N</b> <b>REF-R4-F</b> <b>REF-R4-W</b> Narrow Flood beam reflector Flood beam reflector Wide beam reflector
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