## R2RD1T, R2SD1T

## 2" Volta - Shallow Regressed Downlight Trim

# WAC LIGHTING

## Responsible Lighting®



### **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**

- Increased field angle for reduced scalloping
- · Low ceiling and close-to-wall applications
- Integral patterned tempered trim lens included standard
- · Compatible with a 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 Trimmed: Ø 3 % "Invisible Trim: Ø 4 %" Ceiling cut out Square Trimmed: 3 % " x 3 %" Invisible Trim: 4 %" x 4 %"

Accomodates 1/2 "- 1 1/2" ceiling thickness Remodel Invisible Trim: 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, Title 24 JA8-2016 Compliant.

				Lumens	CBCP					
Model	Веаг	m		Reference	Output*	Color Te	етр	CRI	Finishes	Reflector/Trim
		120	Round	395	5910	<b>827</b> 2700K <b>830</b> 3000K				
	S	12°	Square	420	6085					
			Round	1255	5380			BK	Black	
5"	Trim	25°	Square	1460	6145	835	3500K	CR	BKWT	Black/White Copper Bronze Haze Haze/White White
R2SD1T Square		40°	Round	1270	3085	927	4000K	85	HZ HZWT WT	
-2½"-    i		40	Square	1480	3315		2700K	00		
315/16"	147		Round	905	1020	930	3000K			
	W	60°	Square	1075	1035	930	3000K	50		

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Example: R2RD1T-S827-HZWT

\*Reference output shows 830(85CRI 3000K) trim with 22 housing. Use multiplier table below to determine the output for other combinations.

Multiplier		TRIM							
Multip	Multiplier		927	830	930	835	840		
HOUSING	22	0.95	0.81	1.00	0.86	1.05	1.07		
	15	0.66	0.56	0.69	0.59	0.72	0.74		

Example: R2SD1T-N840-WT with 15 housing:

1460 lm (Reference Output) x 0.74 (Multiplier) = 1080 lm

6145 CBCP (Reference Output) x 0.74 (Multiplier) = 4547 CBCP

Please see next page for housing units(required)

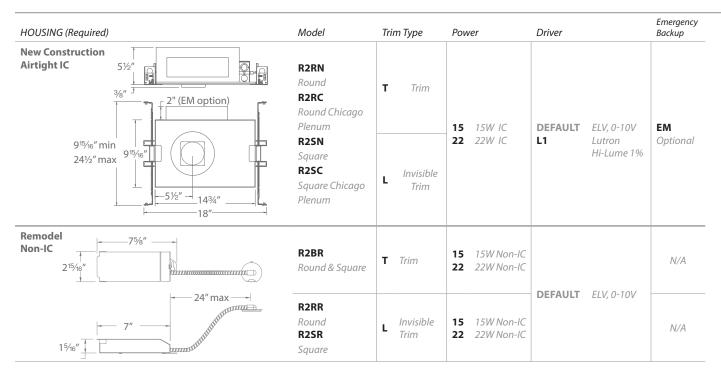
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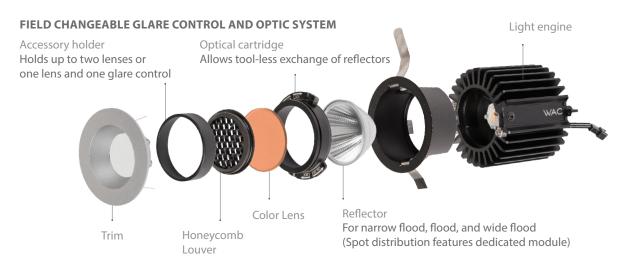


R2

Example: R2RNT-15 or **R2RNT-15EM** (with Emergency backup battery)

### WOOD AND METAL CEILING ADAPTERS (For use with new construction housings) Round

Square ½" to 1" ceiling thickness ½" to 1" ceiling thickness R2R-ADP1 R2S-ADP1 R2R-ADP2 R2S-ADP2 1" to 11/2" ceiling thickness 1" to 11/2" ceiling thickness



### **ACCESSORY HOLDER** sold separately

Required for use with any LENS-16-HLD lens or accessory

### INTERCHANGEABLE REFLECTORS

REF-R2-N Narrow Flood beam REF-R2-F Flood beam REF-R2-W Wide beam

#### **AMB** Amber RED Red LENS-16 FR Frosted SPR Spread BEL Beam Elongating

**LENS ACCESSORIES** 

## **GLARE CONTROL ACCESSORIES**

LENS-16	нсм	Honeycomb Louver
	CRL	Cross Louver

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