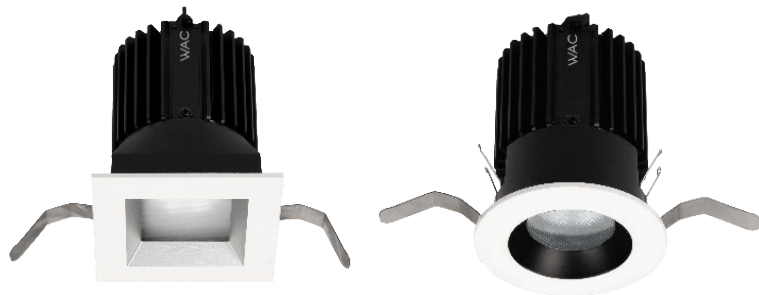


# R2RD1T, R2SD1T

2" Volta - Shallow Regressed 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

- 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 3/16" Invisible Trim: Ø 4 1/4"  
Ceiling cut out Square Trimmed: 3 3/16" x 3 3/16" Invisible Trim: 4 1/4" x 4 1/4"  
Accommodates 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.

Model	Beam		Lumens		Color Temp	CRI	Finishes	Reflector/Trim
			Reference	CBCP Output*				
<p><b>R2RD1T</b> Round Trim <b>R2SD1T</b> Square Trim</p>	<b>S</b> 12°	Round	395	5910	<b>827</b> 2700K 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	Reflector/Trim	
		Square	420	6085				
	<b>N</b> 25°	Round	1255	5380	<b>830</b> 3000K 85			
		Square	1460	6145	<b>835</b> 3500K 85			
	<b>F</b> 40°	Round	1270	3085	<b>840</b> 4000K 85			
		Square	1480	3315				
	<b>W</b> 60°	Round	905	1020	<b>927</b> 2700K 90			
		Square	1075	1035	<b>930</b> 3000K 90			

## R2\_D1T-\_\_\_\_\_ - \_\_\_\_\_

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					
	827	927	830	930	835	840
<b>HOUSING 22</b>	0.95	0.81	1.00	0.86	1.05	1.07
<b>HOUSING 15</b>	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)

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

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

Central Distribution Center  
1600 Distribution Ct  
Lithia Springs, GA 30122

Western Distribution Center  
1750 Archibald Avenue  
Ontario, CA 91760

