

# R2RWT, R2SWT

## 2" 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

- Innovative bi-directional spread lens
- Engineered for even wall illumination both vertically and horizontally
- Dual finishes are single piece, no physical seams
- 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 9/16" Invisible Trim: Ø 4 1/4"  
Ceiling cut out Square Trimmed: 3 9/16" x 3 9/16" Invisible Trim: 4 1/4" x 4 1/4"  
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

Lumens CBCP

Model	Beam	Reference	Output*	Color Temp	CRI	Finishes	Reflector/Trim
 Round	Round	1020	670	<b>827</b> 2700K 85 <b>830</b> 3000K 85 <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>A</b> Asym	
	Square	940	655	<b>927</b> 2700K 90 <b>930</b> 3000K 90			

### R2\_\_WT-\_\_\_\_\_-\_\_\_\_\_

Example: **R2SWT-A827-HZ**

\*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>15</b>	0.66	0.56	0.69	0.59	0.72	0.74

Example: **R2SWT-A840-WT** with **15** housing: 940 lm (Reference Output) x 0.74 (Multiplier) = 696 lm

685 CBCP (Reference Output) x 0.74 (Multiplier) = 507 CBCP

Please see next page for housing units(required)

wacighting.com  
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44 Harbor Park Drive  
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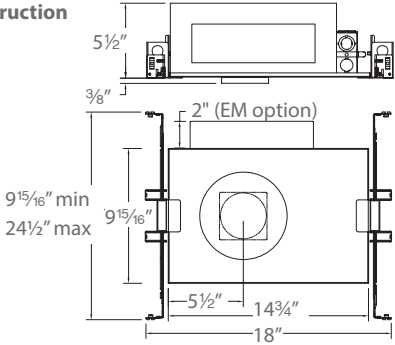
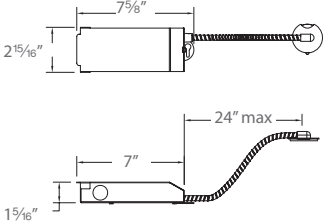
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1750 Archibald Avenue  
Ontario, CA 91760

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HOUSING (Required)	Model	Trim	Power	Driver	Emergency Backup
<b>New Construction Airtight IC</b> 	<b>R2RN</b> Round <b>R2RC</b> Round Chicago Plenum <b>R2SN</b> Square <b>R2SC</b> Square Chicago Plenum	<b>T</b> Trim <b>L</b> Invisible Trim	<b>15</b> 15W IC <b>22</b> 22W IC	<b>DEFAULT L1</b> ELV, 0-10V Lutron Hi-Lume 1%	<b>EM</b> Optional
<b>Remodel Non-IC</b> 	<b>R2BR</b>	<b>T</b> Trim	<b>15</b> 15W Non-IC <b>22</b> 22W Non-IC	<b>DEFAULT</b> ELV, 0-10V	N/A

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

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

### WOOD AND METAL CEILING ADAPTERS

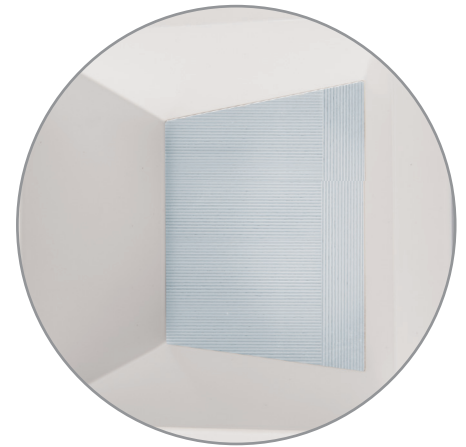
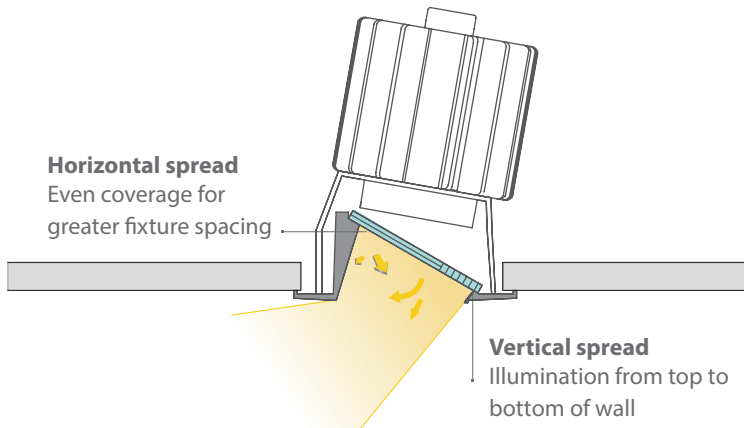
Round

**R2R-ADP1** 1/2" to 1" ceiling thickness  
(Wall wash trims 1" max ceiling thickness)

Square

**R2S-ADP1** 1/2" to 1" ceiling thickness  
(Wall wash trims 1" max ceiling thickness)

### BI-DIRECTIONAL SPREAD LENS



### AVERAGE WALL ILLUMINANCE\*

R2RWT-A830 8' CEILING	ON-CENTER SPACING			
	3'		4'	
	DISTANCE FROM WALL	15W 22W	9 fc 13 fc	15W 22W
	15W 22W	8 fc 10 fc	15W 22W	5 fc 8 fc

R2SWT-A830 8' CEILING	ON-CENTER SPACING			
	3'		4'	
	DISTANCE FROM WALL	15W 22W	8 fc 12 fc	15W 22W
	15W 22W	6 fc 9 fc	15W 22W	5 fc 8 fc

\*Results may vary depending on field conditions such as surface properties, ambient light levels, etc.

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