

# R4RD1L, R4SD1L

4.5" Volta - Shallow Invisible 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 the architectural lighting industry. This high lumen family of fixtures, with an extensive set of round and square fittings enables lighting designers an advanced system for a clean, uncluttered ceiling

## FEATURES

- Dual finishes are single piece, no physical seams
- Wide field angle for reduced scalloping
- Low ceiling and close-to-wall applications
- Compatible with wide range of accessories

## SPECIFICATIONS

**Construction:** Durable die-cast self flanged aluminum construction

**Input:** 120 - 277VAC

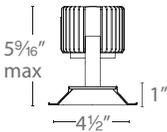
**Dimming:** Electronic Low Voltage (ELV): 100%-5%  
0-10V: 100%-0%

**Mounting:** Two heavy gauge retention clips hold trim firmly  
Accommodates 1/2" - 1 1/2" ceiling thickness

**Finish:** Powder coated white, black and haze

**Standards:** ETL & cETL Wet location Listed

## TRIMS (ORDER HOUSING SEPARATELY)

Model	Beam Angle	Reference Output*		Color Temp	CRI	Finishes	Reflector/Trim
		Lumens	CBCP				
 <b>R4RD1L</b> <i>Round</i>	<b>S</b> 15°	1390	12200	<b>827</b> 2700K	85	<b>BK</b> Black <b>HZ</b> Haze <b>WT</b> White	
	<b>N</b> 25°	2678	8866	<b>927</b> 2700K	90		
	<b>F</b> 45°	2422	4261	<b>830</b> 3000K	85		
	<b>W</b> 60°	2321	2505	<b>930</b> 3000K	90		
				<b>835</b> 3500K	85		
				<b>840</b> 4000K	85		
<b>R4SD1L</b> <i>Square</i>	<b>S</b> 15°	1436	12664	<b>827</b> 2700K	85	<b>BK</b> Black <b>HZ</b> Haze <b>WT</b> White	
	<b>N</b> 25°	2797	8556	<b>927</b> 2700K	90		
	<b>F</b> 45°	2762	4779	<b>830</b> 3000K	85		
	<b>W</b> 60°	2563	2445	<b>930</b> 3000K	90		
				<b>835</b> 3500K	85		
				<b>840</b> 4000K	85		

\*Reference output shows **830**(80CRI 3000K) trim with **36** housing. Use multiplier table below to determine the output for other combinations.

Multiplier	TRIM					
	827	927	830	930	835	840
<b>HOUSING</b> 36	0.937	0.764	1.000	0.815	1.045	1.054
25	0.685	0.558	0.731	0.596	0.764	0.770
15	0.456	0.371	0.486	0.396	0.508	0.512

R4\_D1L-\_\_\_\_\_ - \_\_\_\_\_

Example: **R4RD1L-S827-WT**

Please see next page for housing units(required)

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

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

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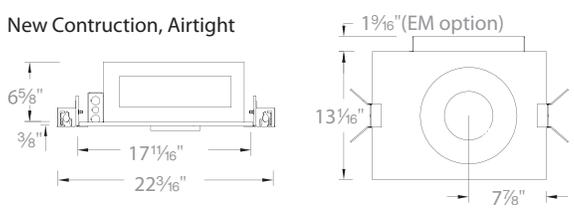
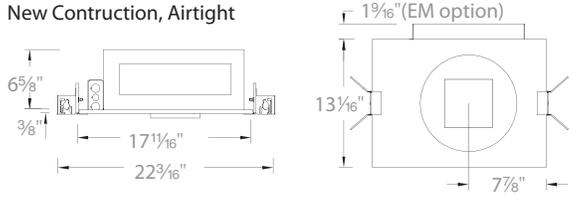
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## 4.5" Volta - Shallow Invisible Trim

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### HOUSINGS (REQUIRED)

		Model	Power*	S	N, F, W	Rating	Options
 <p>New Construction, Airtight</p> <p>Dimensions: 6 5/8" height, 3/8" depth, 17 1/16" width, 22 3/16" length, 13 3/16" diameter, 7 7/8" diameter, 1 1/16" (EM option) offset.</p>	<b>R4RNL</b> Round	<b>15</b>	10W	15W	IC rated	<b>EM</b> Emergency backup battery (Optional)	
	<b>R4RCL</b> Round Chicago Plenum	<b>25</b>	15W	25W	IC rated		
		<b>36</b>	23W	36W	Non-IC		
 <p>New Construction, Airtight</p> <p>Dimensions: 6 5/8" height, 3/8" depth, 17 1/16" width, 22 3/16" length, 13 3/16" diameter, 7 7/8" diameter, 1 1/16" (EM option) offset.</p>	<b>R4SNL</b> Square	<b>15</b>	10W	15W	IC rated	<b>EM</b> Emergency backup battery (Optional)	
	<b>R4SCL</b> Square Chicago Plenum	<b>25</b>	15W	25W	IC rated		
		<b>36</b>	23W	36W	Non-IC		

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

### R4

Example: **R4RNL-15** or **R4RNL-15EM** (with Emergency backup battery)

### FIELD CHANGEABLE GLARE CONTROL AND OPTIC SYSTEM

Accessory holder  
Holds up to two lenses or  
One lens and one glare control

Optical cartridge  
Allows tool-less exchange of reflectors



#### Accessory holder

##### LENS-73-HLD

Required to hold lens and glare control accessories

#### Glare control accessories

##### LENS-73-HCL

Honeycomb Louver

##### LENS-73-CRL

Cross Louver

##### LENS-73-SNOOT

Snoot

#### Lens

##### LENS-73-AMB

Amber lens

##### LENS-73-RED

Red lens

##### LENS-73-FR

Frosted lens

##### LENS-73-SPR

Spread lens

##### LENS-73-BEL

Beam Elongating

#### Reflector

##### REF-R4-N

Narrow beam reflector

##### REF-R4-F

Flood beam reflector

##### REF-R4-W

Wide beam reflector

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