

R2RAT, R2SAT

2" Volta - Adjustable 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

- Center beam alignment retained throughout adjustment range
- 0-45° vertical and 365° horizontal lockable hot aiming
- Indexed vertical scaling for precise and accurate alignment
- Integral patterned tempered trim lens included standard
- Compatible with a wide range of accessories
- 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 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

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	Reference	Lumens		Color Temp	CRI	Finishes	Reflector/Trim
			CBCP	Output*				
<p>R2RAT Round Trim R2SAT Square Trim</p>	S 12°	Round	335	4300	827 2700K 85	BK Black BKWT Black/White CB Copper Bronze HZ Haze HZWT Haze/White WT White		
		Square	360	5805	830 3000K 85			
	N 25°	Round	915	5340	835 3500K 85			
		Square	1040	5960	840 4000K 85			
	F 35°	Round	940	2910	927 2700K 90			
		Square	1015	3215	930 3000K 90			

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Example: **R2RAT-S827-BK**

*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
HOUSING 22	0.95	0.81	1.00	0.86	1.05	1.07
HOUSING 15	0.66	0.56	0.69	0.59	0.72	0.74

Example: **R2SAT-N840-WT** with **15** housing: 1040 lm (Reference Output) x 0.74 (Multiplier) = 770 lm

5960 CBCP (Reference Output) x 0.74 (Multiplier) = 4410 CBCP

Please see next page for housing units(required)

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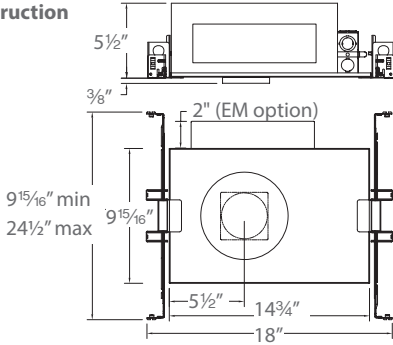
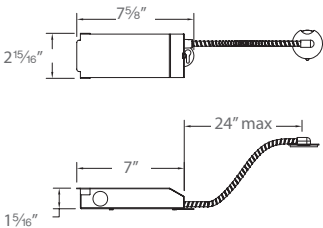
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HOUSING (Required)	Model	Trim	Power	Driver	Emergency Backup
New Construction Airtight IC 	R2RN Round R2RC Round Chicago Plenum R2SN Square R2SC Square Chicago Plenum	T Trim L Invisible Trim	15 15W IC 22 22W IC	DEFAULT L1 ELV, 0-10V Lutron Hi-Lume 1%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

R2 _____ - _____
 Example: **R2RNT-15** or **R2RNT-15EM** (with Emergency backup battery)

WOOD AND METAL CEILING ADAPTERS

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

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

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

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

GLARE CONTROL ACCESSORIES
LENS-16
HCM Honeycomb Louver
CRL Cross Louver

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