R4RAT, R4SAT

4.5" 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

- Dual finishes are single piece, no physical seams
- 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
- 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% (120V only)
0-10V: 100%-0% (120 - 277V)

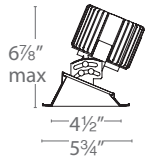
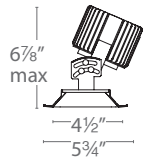
Light Source: High output 3-step Mac Adam Ellipse COB
Rated life of 50,000 hours at L70

Mounting: Heavy gauge retention clips support trim firmly. Safety cabling standard.
Ceiling cut out (Round): Ø 5 1/8"
Ceiling cut out (Square): 5 1/8" x 5 1/8"
Accomodates ceiling thickness of 1/2 "- 1" up to 45°, 1 1/2" up to 35°

Finish: Electrostatically powder coated White, Black. Enamel coated Haze.

Standards: ETL & cETL Wet location Listed

TRIMS (ORDER HOUSING SEPARATELY)

Model		Beam Angle	Reference Output* Lumens	CBCP	Lumens/Watt	Color Temp	CRI
	**R4RAT** *Round*	**S** *15°*	*1250*	*11865*	*54*	**827** *2700K*	*85*
		N *25°*	*2365*	*7173*	*67*	**927** *2700K*	*90*
		F *40°*	*2200*	*3947*	*62*	**830** *3000K*	*85*
						930 *3000K*	*90*
						835 *3500K*	*85*
						840 *4000K*	*85*
	**R4SAT** *Square*	**S** *15°*	*1210*	*12465*	*52*		
		N *20°*	*1650*	*8310*	*47*		
		F *40°*	*1500*	*4020*	*42*		

Finishes	Reflector/Trim
BK	*Black*
BKWT	*Black/White*
HZ	*Haze*
HZWT	*Haze/White*
WT	*White*

*Reference output shows **830**(85CRI 3000K) trim with **36** housing. Use multiplier table below to determine the output for other combinations.

Multiplier		TRIM 827	927	830	930	835	840
HOUSING	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__AT-_____-_____

Example: **R4RAT-S827-HZWT**

Please see next page for housing units(required)

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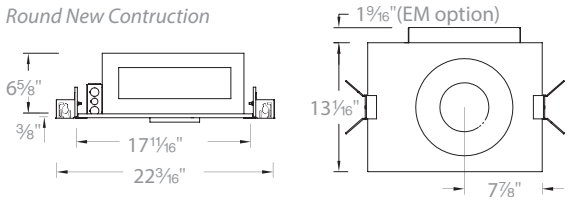
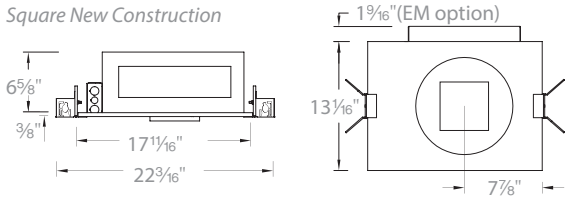
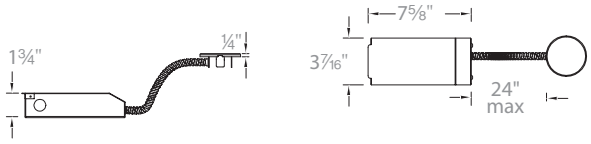
HOUSINGS (REQUIRED)

	Model		Power*	S	N, F	Rating	Emergency Backup	
Round New Contruction 	**R4RNT** **R4RCT**	*Airtight* *Airtight, Chicago Plenum*	**15** **25** **36**	*10W* *15W* *23W*	*15W* *25W* *36W*	*IC rated* *IC rated* *Non-IC*	**EM**	*Emergency backup battery (OPTIONAL)*
Square New Construction 	**R4SNT** **R4SCT**	*Airtight* *Airtight, Chicago Plenum*	**15** **25** **36**	*10W* *15W* *23W*	*15W* *25W* *36W*	*IC rated* *IC rated* *Non-IC*	**EM**	*Emergency backup battery (OPTIONAL)*
Remodel 	**R4BRT**	*Round or Square*	**15** **25** **36**	*10W* *15W* *23W*	*15W* *25W* *36W*	*Non-IC* *Non-IC* *Non-IC*	*N/A*	

*Power consumption depends on beam angle of the trim.

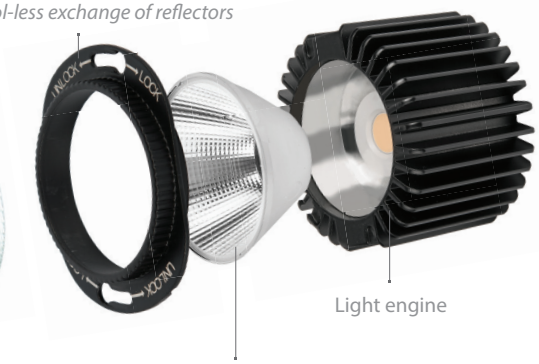
R4_____-_____
Example: **R4RNT-15** or **R4RNT-15EM** (with Emergency backup battery)

Field Replaceable Driver

D-R4N-15	Driver for 15W New Construction Hsg
D-R4N-25	Driver for 25W New Construction Hsg
D-R4N-36	Driver for 36W New Construction Hsg

FIELD CHANGEABLE GLARE CONTROL AND OPTIC SYSTEM

Note: Maximum 35° vertical adjustment with accessory use



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

Interchangeable Reflector

REF-R4-N	Narrow beam reflector
REF-R4-F	Flood beam reflector
REF-R4-W	Wide beam reflector

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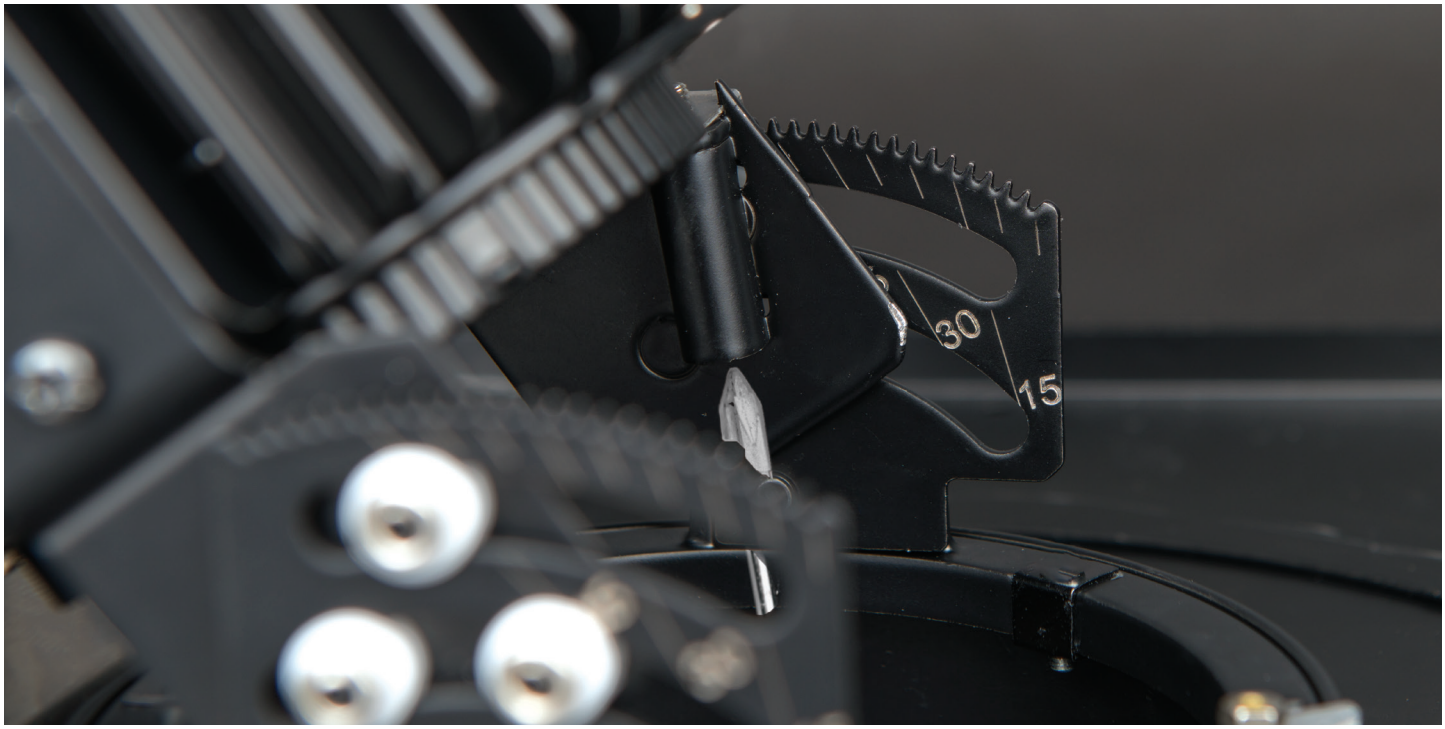
FIELD CHANGEABLE AIMING



0 - 45° vertical lockable hot aiming

365° horizontal lockable hot aiming

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