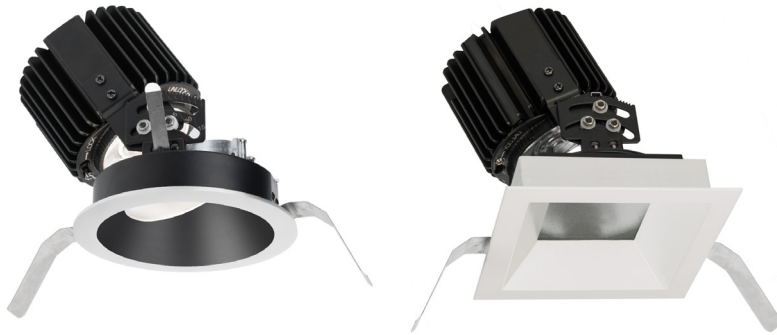


R4RAT, R4SAT

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%
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): Ø 5 1/8"
Ceiling cut out (Square): 5 1/8" x 5 1/8"
Accommodates ceiling thickness of 1/2" - 1" up to 45°, 1 1/2" up to 35°

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

TRIMS (ORDER HOUSING SEPARATELY)

Model	Beam Angle	Reference Output*			Color Temp	CRI	Finishes	Reflector/Trim	
		Lumens	CBCP	Lumens/Watt					
 R4RAT <i>Round</i>	S 15°	1215	10910	56	827 2700K 85 927 2700K 90 830 3000K 85 930 3000K 90 835 3500K 85 840 4000K 85	BK	<i>Black</i>		
	N 25°	2340	9250	69			BKWT		<i>Black/White</i>
	F 40°	2085	4720	63			CB		<i>Copper Bronze</i>
 R4SAT <i>Square</i>	S 15°	1140	9175	53			HZ		<i>Haze</i>
	N 20°	1960	8340	57			HZWT		<i>Haze/White</i>
	F 40°	1770	4495	52			WT		<i>White</i>

*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	0.95	0.81	1.00	0.86	1.05	1.07
HOUSING 25	0.66	0.56	0.69	0.59	0.73	0.74
HOUSING 15	0.43	0.37	0.45	0.39	0.48	0.49

R4 AT- -

Example: **R4RAT-5827-HZWT**

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

R4RAT, R4SAT

4.5" Volta - Adjustable Trim

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HOUSINGS (REQUIRED)

	Model	Power*	S	N, F	Rating	Driver	Emergency Backup
Round New Construction 	R4RNT Airtight	15	10W	15W	IC rated	DEFAULT	ELV, 0-10V Lutron Hi-Lume 1% EM
	R4RCT Airtight, Chicago Plenum	25	15W	23W	IC rated	L1	
	36	22W	34W	Non-IC			
Square New Construction 	R4SNT Airtight	15	10W	15W	IC rated	DEFAULT	ELV, 0-10V Lutron Hi-Lume 1% EM
	R4SCT Airtight, Chicago Plenum	25	15W	23W	IC rated	L1	
	36	22W	34W	Non-IC			
Remodel 	R4BRT Round or Square	15	10W	15W	Non-IC	DEFAULT	ELV, 0-10V N/A
		25	15W	23W	Non-IC		
		36	22W	34W	Non-IC		

Field Replaceable Driver

D-R4N-15	Driver for 15W New Construction Hsg
D-R4N-25	Driver for 23W New Construction Hsg
D-R4N-36	Driver for 34W New Construction Hsg

*Power consumption depends on beam angle of the trim.

R4 _____ - _____

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

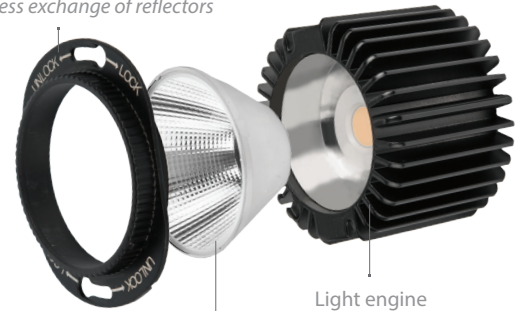
FIELD CHANGEABLE GLARE CONTROL AND OPTIC SYSTEM

Note: Maximum 35° vertical adjustment with accessory use

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



Optical cartridge
Allows tool-less exchange of reflectors



Reflector
For narrow flood, flood, and wide flood.
Spot distribution features dedicated module.

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 Flood beam reflector

REF-R4-F

Flood beam reflector

REF-R4-W

Wide beam reflector

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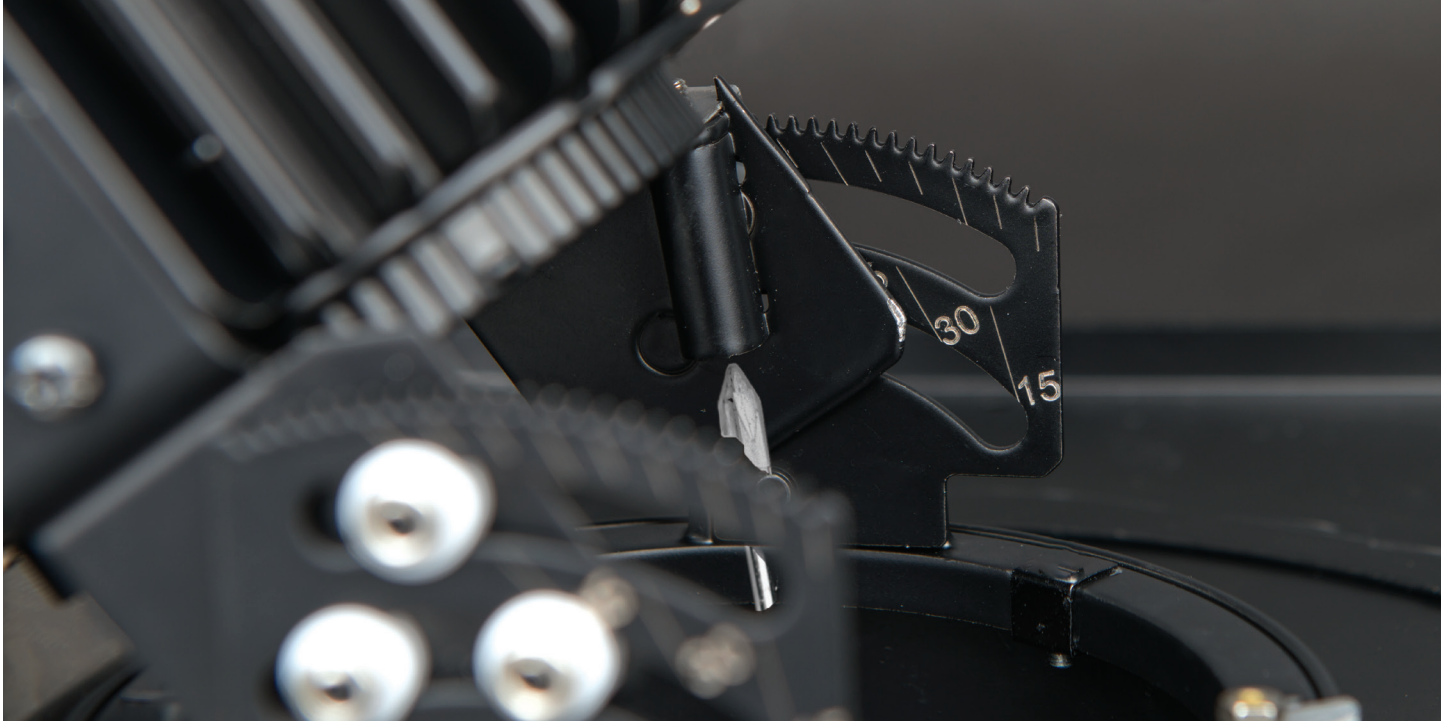
R4RAT, R4SAT

4.5" Volta - Adjustable Trim

WAC LIGHTING

Responsible Lighting®

FIELD CHANGEABLE AIMING



0 - 45° vertical lockable hot aiming



365° horizontal lockable hot aiming

wacighting.com

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Fax (800) 526.2585

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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