

R4RAL, R4SAL

4.5" Volta - Adjustable 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
- Center beam alignment retained throughout adjustment range
- 0-45° vertical and 365° horizontal lockable hot aiming
- Compatible with wide range of accessories

SPECIFICATIONS

Construction: Durable die-cast self flanged aluminum construction

Input: 120 - 277VAC

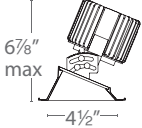


Dimming: Electronic Low Voltage (ELV): 100%-5%
0-10V: 100%-0%

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				
 R4RAL Round	S 15°	1251	11865	827 2700K	85	BK Black HZ Haze WT White	
		N 25°	2366	7173	927 2700K		
	F 45°	2201	3947	830 3000K	85		
		930 3000K	90				
	835 3500K	85					
	840 4000K	85					
R4SAL Square	S 15°	1208	12465	827 2700K	85	BK Black HZ Haze WT White	
		N 25°	1653	8308	927 2700K		
	F 45°	1342	2313	830 3000K	85		
		930 3000K	90				
	835 3500K	85					
	840 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
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 AL- -

Example: **R4RAL-S827-WT**

Please see next page for housing units(required)

wacighting.com
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Central Distribution Center
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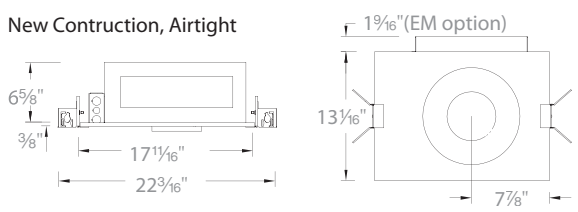
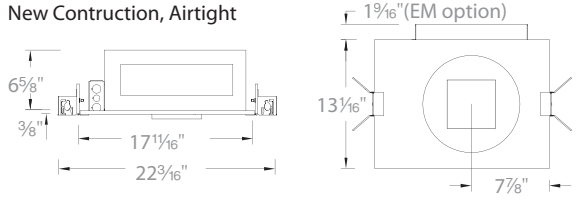
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HOUSINGS (REQUIRED)

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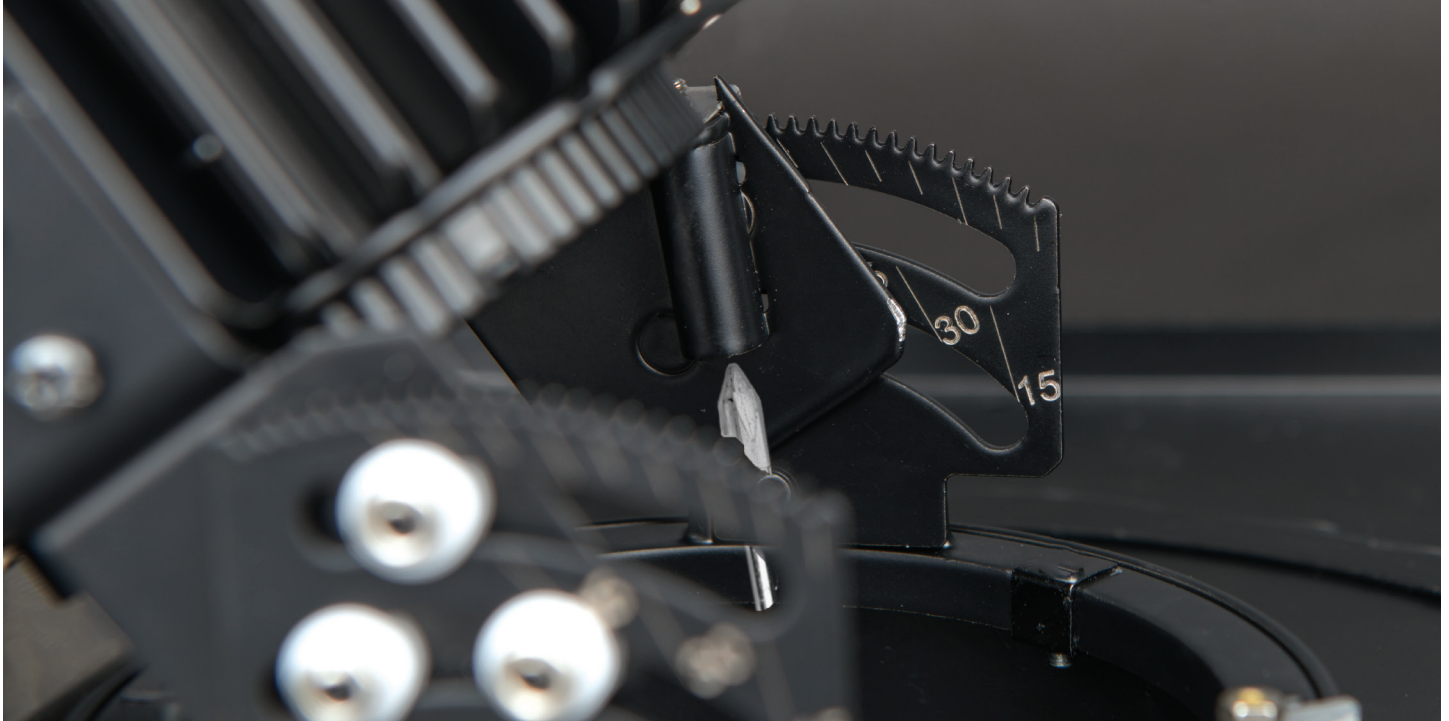
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FIELD CHANGEABLE AIMING



0 - 45° vertical lockable hot aiming



365° horizontal lockable hot aiming

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