

R4RD1T, R4SD1T

4.5" Volta - Shallow

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				
 R4RD1T <i>Round</i>	S 15°	1390	12200	827 2700K	85	BK Black	
	N 25°	2678	8866	927 2700K	90	BKWT Black/White	
	F 45°	2422	4261	830 3000K	85	HZ Haze	
	W 60°	2321	2505	930 3000K	90	HZWT Haze/White	
					835 3500K	85	WT White
 R4SD1T <i>Square</i>	S 15°	1436	12664	827 2700K	85	BK Black	
	N 25°	2797	8556	927 2700K	90	BKWT Black/White	
	F 45°	2762	4779	830 3000K	85	HZ Haze	
	W 60°	2563	2445	930 3000K	90	HZWT Haze/White	
					835 3500K	85	WT White
				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_D1T-_____ - _____

Example: **R4RD1T-S827-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

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HOUSINGS (REQUIRED)

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

*Power consumption depends on beam angle of the trim.

R4

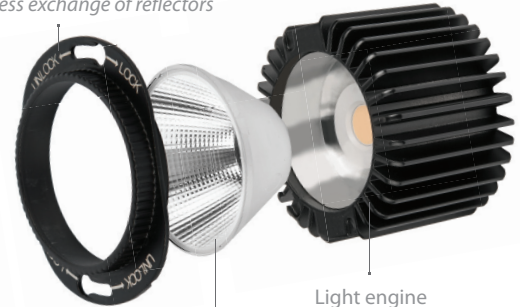
Example: **R4RNT-15** or **R4RNT-15EM** (with Emergency backup battery)

FIELD CHANGEABLE GLARE CONTROL AND OPTIC SYSTEM

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

Reflector

REF-R4-N

Narrow beam reflector

REF-R4-F

Flood beam reflector

REF-R4-W

Wide beam reflector

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