

R4RD2T, R4SD2T

4.5" Volta - Downlight 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

- 2" lens regress for superior glare control
- Field selectable light engine height for cut-off angle adjustment (30° - 34°) and accessory use
- Integral patterned tempered trim lens included standard
- Compatible with 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"
Accommodates 1/2" - 1 1/2" ceiling thickness

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

Standards: ETL & cETL Wet location Listed

TRIMS (ORDER HOUSING SEPARATELY)

Model	Beam Angle	Reference Output*			Color Temp	CRI	Finishes	Reflector/Trim
		Lumens	CBCP	Lumen/Watt				
	R4RD2T <i>Round</i>	S 15°	1391	12282	60	827 2700K 85 927 2700K 90 830 3000K 85 930 3000K 90 835 3500K 85 840 4000K 85	BK Black BKWT Black/White HZ Haze HZWT Haze/White WT White	
		N 25°	2694	7980	75			
		F 45°	2609	4347	72			
		W 60°	2413	2679	67			
	R4SD2T <i>Square</i>	S 15°	1398	12724	60			
		N 25°	2852	7634	79			
		F 45°	2785	4295	77			
		W 60°	2430	2422	68			

*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
HOUSING 25	0.685	0.558	0.731	0.596	0.764	0.770
HOUSING 15	0.456	0.371	0.486	0.396	0.508	0.512

R4_D2T-_____ - _____

Example: **R4RD2T-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	Emergency Backup
Round New Construction 	R4RNT <i>Airtight</i>	15	10W 15W	IC rated	EM <i>Emergency backup battery (OPTIONAL)</i>
	R4RCT <i>Airtight, Chicago Plenum</i>	25	15W 25W	IC rated	
		36	23W 36W	Non-IC	
Square New Construction 	R4SNT <i>Airtight</i>	15	10W 15W	IC rated	EM <i>Emergency backup battery (OPTIONAL)</i>
	R4SCT <i>Airtight, Chicago Plenum</i>	25	15W 25W	IC rated	
		36	23W 36W	Non-IC	
Remodel 	R4BRT <i>Round or Square</i>	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.

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

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 LENS-73-CRL	Honeycomb Louver Cross Louver

Lens	
LENS-73-AMB LENS-73-RED LENS-73-FR LENS-73-SPR LENS-73-BEL	Amber lens Red lens Frosted lens Spread lens Beam Elongating

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

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