



VERSA COMMERCIAL

RVC6-AC | 6" LED COMMERCIAL DOWNLIGHT RETROFIT

JOB INFORMATION

Type: _____
Catalog No: _____
Project Name: _____
Comments: _____
Prepared by: _____

RVC6-AC

FEATURES

USE OF PRODUCT

The 6" Versa Commercial LED Downlight is the ideal product for energy efficient lighting in retrofit commercial applications. Available with interchangeable reflectors and trims, with an assortment of color temperatures, lenses, filters and dimmable driver options.

VERSA

- Color Temperature: 2700K, 3000K, 3500K, or 4000K
- SDCM: 2 step binning
- Color Rendering Index: 93+ CRI
- R9: 60+
- Filters: Solite, frosted, or honeycomb
- LED Life: 50,000 Hours
- LED Type: Cree LED
- Driver Info: 120/277V, 50/60 Hz, PF>0.9, THD<0.20
- Versatility: Interchangeable reflector/trim, optics & filters

LED ENGINE

LED engine available with CREE LEDs in 2700K, 3000K, 3500K, or 4000K in standard 93+ CRI. 2 Step MacAdam ellipse allows for color consistency between fixtures. LED mounted to aluminum heat sink for maximum life output and thermal management.

FRAME CONSTRUCTION

Constructed from 16 gauge heavy duty powder coated cold rolled steel frame with a large access junction box.

OPTICS (Field Replaceable)

Field replaceable optical lens available in 15°, 25°, 35°, 50° and 70°. Easily achieve narrow spot to wide flood beam pattern.

FILTER ACCESSORIES

A multitude of filter accessories are available to achieve a particular light effect. Available in frosted, honeycomb or solite filter (1 filter only).

DIMMING

Intelligent Drive all-inclusive ELV (120V), Triac (120V), and 0-10V (120/277V) dimming driver.

EMERGENCY BATTERY

Optional emergency battery available for a minimum of 90 minutes with both integral or remote test switch available in 8W or 15W.

INSTALLATION

Non-IC housing. Insulation must be kept at least 3" away from fixture.

LABELS/COMPLIANCE/WARRANTY

- CSA Listed for US and Canada (Wet Location)
- 5 year limited warranty.



ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter	Housing Type
RVC6	6W - 6 Watt 9W - 9 Watt 12W - 12 Watt 15W - 15 Watt 20W - 20 Watt 24W - 24 Watt 28W - 28 Watt 32W - 32 Watt 33W ¹ - 33 Watt 35W ¹ - 35 Watt 40W ¹ - 40 Watt 48W ¹ - 48 Watt 56W ¹ - 56 Watt	ID - Standard All-Inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) Dimming Driver (Intelligent Drive) LDE1 - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming L3DA - Hi-lume 1% EcoSystem/3-Wire L3D Driver EEI - eldoLED Eco 1% Dim (0-10V) EDIO - eldoLED Solo 0.1% Dim (0-10V) EDID - eldoLED Solo 0.1% Dim (DALI)	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	15 - 15° 25 - 25° 35 - 35° 50 - 50° 70 - 70°	None - Included F - Frosted H - Honey Comb S - Solite	AC - Retrofit

Reflector	Trim	Options
6RW - White 6RS - Specular Clear 6RH - Haze 6RB - Black MTO - Made To Order	6TW - White 6TS - Specular Clear 6TH - Haze 6TB - Black MTO - Made To Order	ER8W - 8W Emergency Battery with Remote Switch (800 lm) EI8W - 8W Emergency Battery with Integral Switch (800 lm) ER15W - 15W Emergency Battery with Remote Switch (1500 lm) EI15W - 15W Emergency Battery with Integral Switch (1500 lm) SDT - 347V Step Down Transformer WL - Wet Location LAW ² - Lutron Athena Wireless Node

Notes

1. 15° Optic not available from 33W-56W.
2. Consult factory.



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PERFORMANCE CHART

	Optics	15°	25°	35°	50°	70°
6W	Initial Lumens	955	955	955	955	955
	Delivered Lumens	805	837	843	773	731
	UGR	4.7	3.7	4.1	11.5	17.9
9W	Initial Lumens	1296	1296	1296	1296	1296
	Delivered Lumens	1098	1145	1148	1063	997
	UGR	6.1	5.1	5.3	12.6	19
12W	Initial Lumens	1618	1618	1618	1618	1618
	Delivered Lumens	1377	1440	1445	1320	1253
	UGR	6.9	6	6.2	13.4	19.8
15W	Initial Lumens	2015	2015	2015	2015	2015
	Delivered Lumens	1678	1762	1755	1610	1525
	UGR	7.7	6.8	7	14.1	20.5
20W	Initial Lumens	2422	2422	2422	2422	2422
	Delivered Lumens	2043	2147	2133	1958	1861
	UGR	8.5	7.5	7.8	14.8	21.2
24W	Initial Lumens	2799	2799	2799	2799	2799
	Delivered Lumens	2389	2517	2487	2289	2175
	UGR	9.1	8.3	8.4	15.5	21.7
28W	Initial Lumens	3128	3128	3128	3128	3128
	Delivered Lumens	2725	2844	2825	2610	2480
	UGR	9.6	8.8	8.8	15.9	22.2
32W	Initial Lumens	3405	3405	3405	3405	3405
	Delivered Lumens	3069	3141	3155	2935	2791
	UGR	10.1	9.1	9.2	16.2	22.6
33W	Initial Lumens		4090	4090	4090	4090
	Delivered Lumens		3362	3425	3444	3010
	UGR		11.6	11.4	11.8	22.4
35W	Initial Lumens		4626	4626	4626	4626
	Delivered Lumens		3809	3897	3926	3411
	UGR		12	11.8	12.4	22.8
40W	Initial Lumens		4967	4967	4967	4967
	Delivered Lumens		4087	4209	4241	3670
	UGR		12.3	12.1	12.7	23
48W	Initial Lumens		5765	5765	5765	5765
	Delivered Lumens		4751	4904	4951	4276
	UGR		12.8	12.8	13.1	23.6
56W	Initial Lumens		6472	6472	6472	6472
	Delivered Lumens		5360	5536	5593	4822
	UGR		13.3	13.2	13.4	24.1

* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

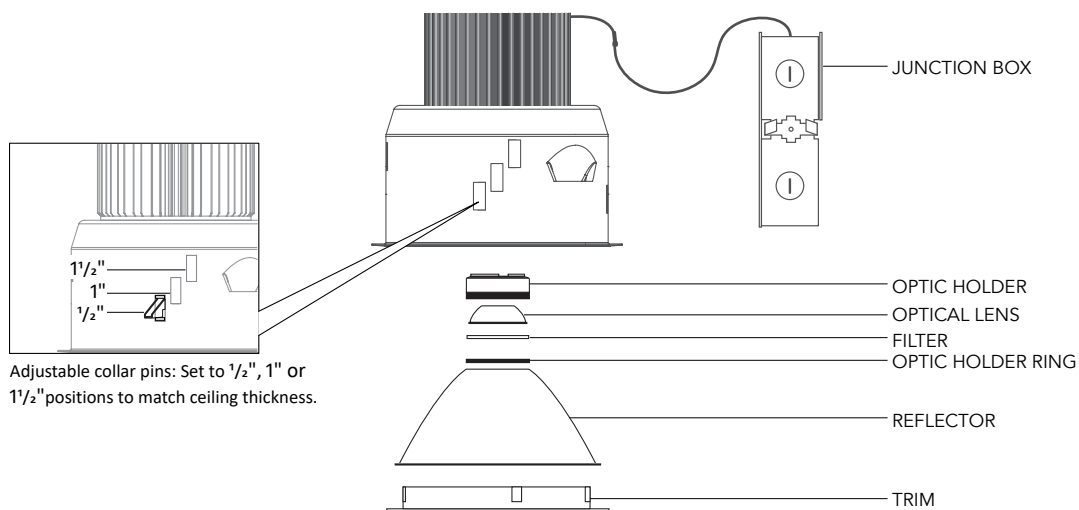
COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

2700K	3000K	3500K	4000K
0.95	1.00	1.04	1.07

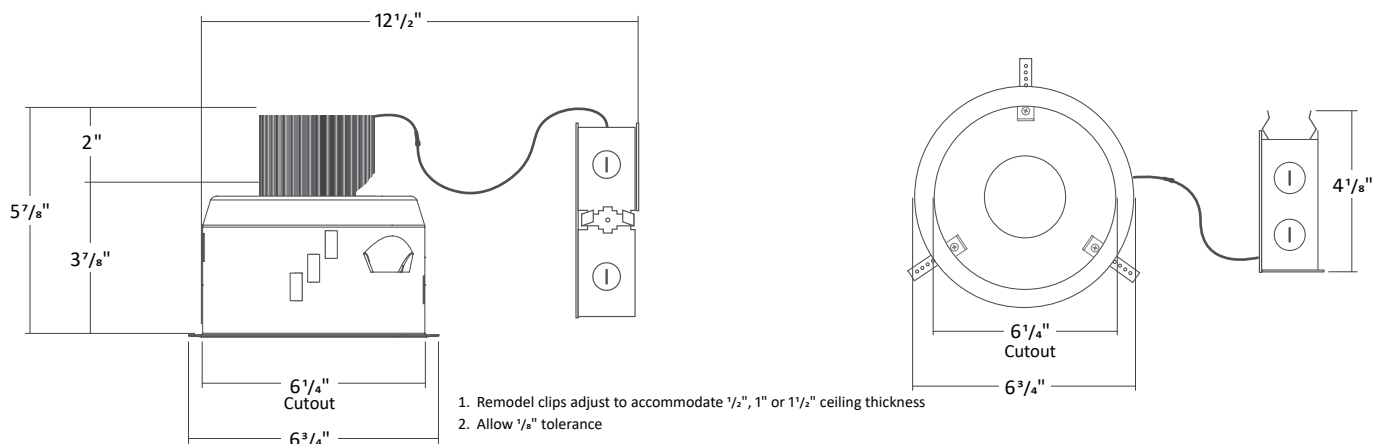
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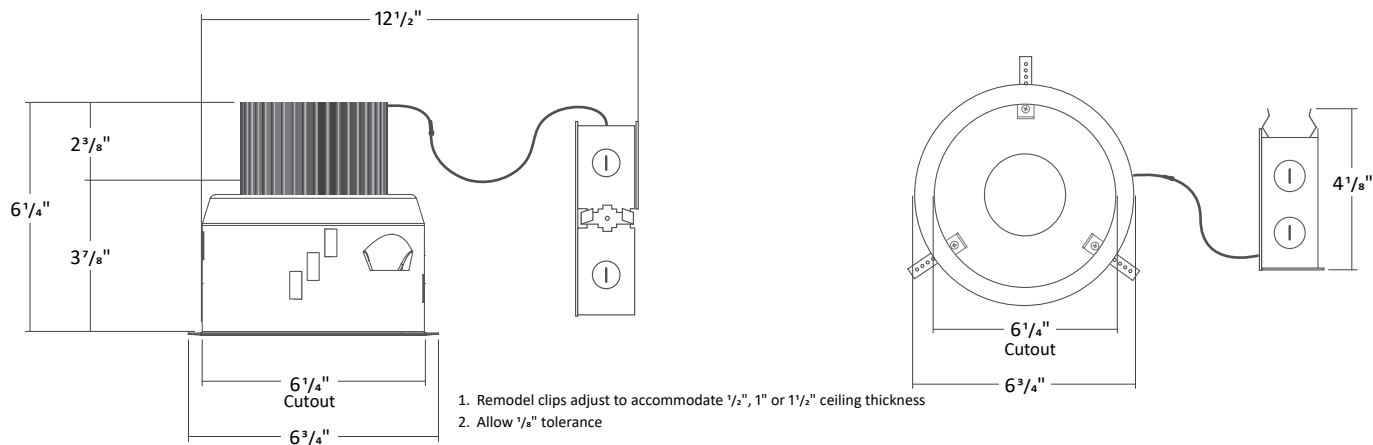
RVC6-AC ANATOMY



RVC4-AC DIMENSIONS 6W-20W



RVC4-AC DIMENSIONS 24W-56W



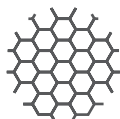
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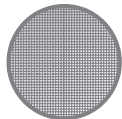
FILTERS



Frosted Filter

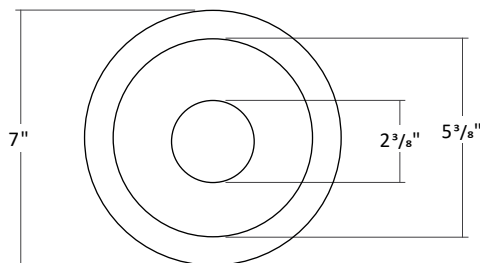
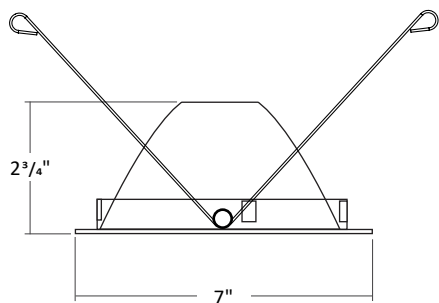


Honey Comb



Solite Filter

REFLECTOR / TRIM DIMENSIONS



REFLECTOR FINISH

May be mixed and matched



White



Specular Clear



Haze



Black

*Consult Factory for Made to Order Finishes

TRIM FINISH

May be mixed and matched



White



Specular Clear



Haze



Black

*Consult Factory for Made to Order Finishes