

# Daisy Chain Wafer Downlight TRIAC/ELV



Line voltage lighting kit powered by a single driver.



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



(\*Apply to daisy wafer kit only.)

KEY FEATURES

- Power multiple wafers with a single driver (4" up to 10 pcs., 6" up to 8 pcs.)
- 5 color temperatures in 1 SKU (2700/3000/3500/4000/5000K)
- Super slim, edge-lit fixture with thin depth
- No recessed housing or J-box required
- 120V Driver dimmable on TRIAC/ELV dimmers


## PERFORMANCE SUMMARY

Catalog Number	Size	Trim	Wattage Equivalency	Input Wattage	Lumens (Nominal)	Efficacy	Color Temperature	Environment
DAISYKIT4120V	4"	Smooth	(6)-60W Incandescent	55W	4550lm	83 lm/W	Field adjustable via dip switch 2700/3000/3500/4000/5000K	Wet
DAISYKIT6120V	6"		(6)-75W Incandescent	74W	6100 lm	82 lm/W		

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## PHOTOMETRIC DATA

	Catalog Number	Wattage	CCT	Lumens	Efficacy
 Smooth Lens	DAISYKIT4120V	55W	2700K	4199 lm	76.68 lm/W
			3000K	4400 lm	80.27 lm/W
			3500K	4623 lm	84.36 lm/W
			4000K	4728 lm	86.20 lm/W
			5000K	4688 lm	85.60 lm/W
Individual Downlight	DAISY4	8.5W	2700K	659 lm	68 lm/W
			3000K	696 lm	71 lm/W
			3500K	729 lm	75 lm/W
			4000K	740 lm	76 lm/W
			5000K	727 lm	75 lm/W
Kit System (6 Lights)	DAISYKIT6120V	74W	2700K	5791 lm	79.67 lm/W
			3000K	6017 lm	82.77 lm/W
			3500K	6373 lm	87.59 lm/W
			4000K	6538 lm	89.88 lm/W
			5000K	6551 lm	90.17 lm/W
Individual Downlight	DAISY6	11W	2700K	1008 lm	82 lm/W
			3000K	1049 lm	85 lm/W
			3500K	1099 lm	89 lm/W
			4000K	1114 lm	91 lm/W
			5000K	1098 lm	89 lm/W

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Product Type** Daisy Chain Wafer Kit - Power multiple LED Downlights with one driver

Kit Includes:

- (1) 72W 120-277V Triac dimmable driver
- (6) LED modules 4" or 6"
- (1) 50 ft 12V low voltage self healing cable

**Size** 4" and 6"

**Shape** Round

**Enclosure Material** Polycarbonate

**Finish** White

**Trim Style** Smooth Lens (comes with kit); Regressed Baffle (Sold separately)

**Lens** Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

**Cut Out Template Size**

4" : 4-5/16"

6" : 6-5/16"

### JUNCTION BOX

- Pre-galvanized steel driver/junction box with captive hinged junction box cover
- Three 1/2" conduit pry-outs
- Accepts Romex types: 14-2, 14-3, 12-2, 12-3 (U.S.)
- Three 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting holes facilitate direct mounting to building structure

### ELECTRICAL

**Dimmable** Yes, TRIAC Dimmable down to 10% (*See Dimmer Compatibility List*)

**Driver** 72W 120-277V Driver is noise free and includes quick connectors for simple wiring during installation.

**THD** <20%

**Power Factor** ≥0.9

**Input Voltage** 120-277V

**Operating Frequency** 60Hz

**Operating Temperature** -13°F to 104°F (-25°C to 40°C)

**Flicker** ≤30%

### COMPLIANCE

**Listing** UL Listed

**Environment** Suitable for use in dry, damp, and wet environments.

**IC Rated** Not suitable for direct contact with insulation

**Energy Star Approved\*** This product is ENERGY STAR®

**Air Tight** Housing certified Air Tight as per ASTM E283

**California Title 24 JA8 Compliant\*** Can be used to conform with the requirements of California Title 24 Part 6

**California Energy Commission (CEC) Status** Lawful for Sales in California

**NEC Compliant** Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

**IESNA LM-79 & LM80 Testing** RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**FCC** Complies with Part 15 of the FCC Rules.

**RoHS** Mercury and UV free. RoHS-compliant components.

*\*Apply to daisy wafer kit only.*

### INSTALLATION

**Mounting** Can be used for remodel or new construction applications (when using new construction mounting frames, sold separately)

- Can be installed into 1/2" to 1 1/4" thick ceilings
- Spring clips hold fixtures securely to the ceiling
- Quick Connectors allow fixtures to be connected to low voltage cable and add more fixtures.

### LED CHARACTERISTICS

**Color Temperature** Field-adjustable dip switch 2700/3000/3500/4000/5000K

**Color Accuracy (CRI)** >90 CRI

**R9 Value** High color performance with R9 greater than or equal to 50

**Color Consistency** 4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability** LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

**Color Uniformity** RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### OTHER

#### Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Note** All values are typical (tolerance +/- 10%)

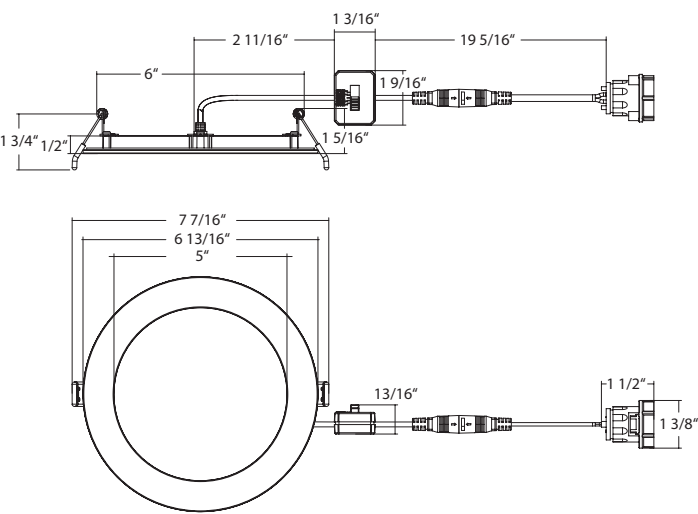
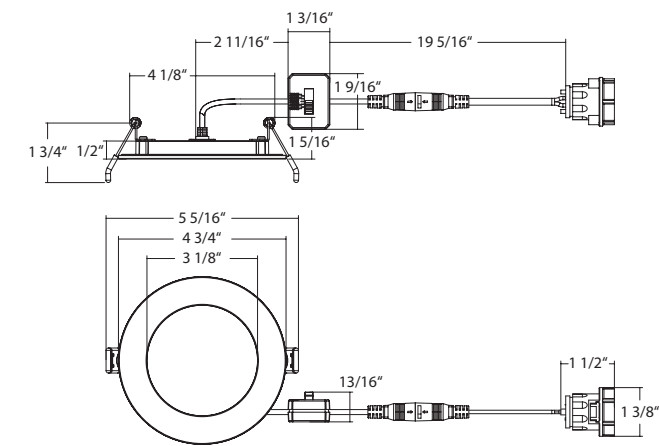
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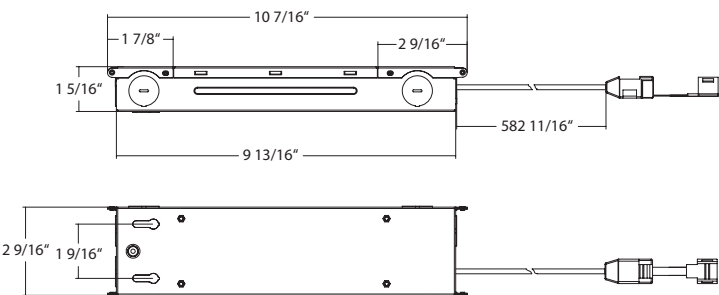
## DIMENSIONS

4" Smooth, Round  
Weight: 0.47 lb

6" Smooth, Round  
Weight: 0.77 lb



### DAISYDRIVER/TRIAC









## DAISY CHAIN WAFER ACCESSORIES\*

Individual LED Downlight Modules

Individual 120-277V  
TRIAC Dimmable Driver

Daisy Driver 50 ft  
Extension Cable

					
4" Smooth	6" Smooth	4" Baffle	6" Baffle	DAISYDRIVER/TRIAC	DAISY50
DAISY4	DAISY6	DAISY4B	DAISY6B		

\*Items can be purchased separately as individuals SKUs to create a kit, or used to extend a kit.

OTHER ACCESSORIES

Color Trims *Color trims are compatible with smooth trim models only.*

Size	Catalog Number	Description
4" Downlight	WFRL-TRIM-4R-BS	4" Round Trim, Black
	WFRL-TRIM-4R-BRS	4" Round Trim, Bronze
	WFRL-TRIM-4R-BNS	4" Round Trim, Brushed Nickel
6" Downlight	WFRL-TRIM-6R-BS	6" Round Trim, Black
	WFRL-TRIM-6R-BRS	6" Round Trim, Bronze
	WFRL-TRIM-6R-BNS	6" Round Trim, Brushed Nickel

Goof Rings

Catalog Number	Description
WFRL-GOOF-4R-6R-W	For Extending 4"Wafer to 6"
WFRL-GOOF-6R-8R-W	For Extending 6"Wafer to 8"

Emergency Back Up Drivers

Catalog Number	Description
DRI-21-EMGR-DC-D10	8W Input, 21W Output Driver

Extension Cables

Catalog Number	Description
EXTCBL-CCT-6	6' Extension Cable for Wafer CCT
EXTCBL-CCT-12	12' Extension Cable for Wafer CCT
EXTCBL-CCT-20	20' Extension Cable for Wafer CCT

New Construction Mounting Plates

Catalog Number	Description
DLPLATE/WFR3468/NB	Mounting Plate with Nailer Bar for 3"/4"/6"/8" Wafers
DLPLATE/WFR4/NB/CL	Mounting Plate for Wafer 4" w/ Drywall Collar & Extension Bar
DLPLATE/WFR6/NB/CL	Mounting Plate for Wafer 6" w/ Drywall Collar & Extension Bar
DLPLATE/WFR3456	Mounting Plate for 3"/4"/5"/6" Wafers
DLPLATE/WFR4	4" Wafer Mounting Plate w/o Nailer Bar
DLPLATE/WFR6	6" Wafer Mounting Plate w/o Nailer Bar

ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
DAISYDRIVER/TRIAC	DAISYDRIVER/TRIAC	192552042758	8
DAISYKIT4120V	DAS0009(DAISYKIT4120V)	192552042734	4
DAISYKIT6120V	DAS0010(DAISYKIT6120V)	192552042741	4

ORDERING MATRIX

Family	Size	Shape	CRI/Color Temp	Driver	Finish	Trim
DAISYKIT				120V		
4	6-4" wafers+1 driver, 55W	Blank Round	Blank 90CRI; Field-Adjustable	120V 120V; TRIAC/ELV	Blank White	Blank Smooth
6	6-6" wafers+1 driver, 74W		2700/3000/3500/4000/5000K			

## DIMMER COMPATIBILITY LIST

DAISYKIT4120V

DAISYKIT6120V

Visit [www.rablighting.com](http://www.rablighting.com) for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Dimmers		Lamp Quantities						Dimming Level
Dimmer Brand	Dimmer Model	1	2	3	4	5	6	
LUTRON	MACL-153M	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	SCL-153P	✓	✓	✓	✓	✓	✓	10-100%
LEVITON	Cat.NO.6674	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	DVCL-153P	✓	✓	✓	✓	✓	✓	10-100%
LEVITON	NO.6672	✓	✓	✓	✓	✓	✓	10-100%
LEVITON	CTCL-153PDH-WH	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	TGCL-153PH-WH	✓	✓	✓	✓	✓	✓	10-100%
LEVITON	R50-IPL06-10M	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	DVWCL-153PH-WH	✓	✓	✓	✓	✓	✓	10-100%
RAB	XDIM	✓	✓	✓	✓	✓	✓	10-100%