



RDR DOWNLIGHT RETROFIT

EiKO RDR Downlight Retrofit replaces 4" and 6" CFL or incandescent fixtures with field adjustable lumen output and color temperature in one unit. Smooth diffused illumination, TRIAC dimming, long life, Title 20 compliance ensure efficient, code-ready performance for residential and commercial upgrades.

project name	type
catalog number	voltage
approved by	date



SPECIFICATIONS

INTENDED USE

- Replaces legacy 4" or 6" CFL or incandescent/ Halogen downlights
- Compatible with most standard recessed housings

CONSTRUCTION & INSTALLATION

- Includes E26 Medium Base adapters
- White Frosted PC Lens for Diffused Lighting
- Integrated white baffled trim reflector
- Friction Clamps on 4", torsion V Spring for 6"
- Injection molded plastic construction is impact-resistant and non-corrosive
- Non-conductive construction meets most local dead-front code requirements

ELECTRICAL

- PowerSET: 3 Step power models for field customization via dip switch (12/9.5/7.3W & 15/11.5/7.9W)
- Input Voltage: 120V, 60 Hz
- Dimmable to 10% with 120V TRIAC & ELV dimmers
- Power Factor: >0.9, THD: <20%
- In-Built Surge Protection: 2.5kV

OPTICAL

- ColorSET: 5 CCT; adjustable via dip switch (2700K/3000K/3500K/4000K/5000K)
- Lumen: Up to 1,350 lm
- Efficacy: Up to 106 lm/W
- CRI: 90+
- Beam Angle: 100°
- L70 Rated Life: up to 35,000 hours

ENVIRONMENTAL

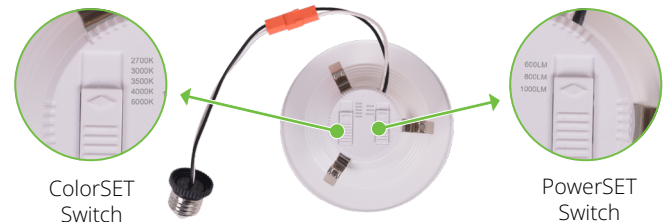
- Operating Temperature: -13°F to 104°F (-25°C to 40°C)
- Suitable for dry, damp and wet environments

WARRANTY

- 5 Year limited warranty available online. Contact your EiKO sales rep for additional details.

FEATURES

FIELD ADJUSTABLE SETTINGS



DIRECT FIT INTO LEGACY 4" & 6" CFL & INCANDESCENT DOWNLIGHT

E26



APPLICATIONS

- Multi-Residential Apartments
- Hotels
- Retails
- Restrooms
- Showers
- Reception/ Lobby
- Office
- Classroom
- Dining/ Cafeteria
- Restaurants

AVAILABLE MODELS

ORDER CODE	NAME	SIZE	WATTAGE EQUIVALENCY	WATTS (W)	LUMEN OUTPUT (LM)	COLOR TEMPERATURE (K)	EFFICACY (LM/W)	CRI	DIMMING	BASE
120V										
16499	RDR4-PS-9FCCT-D-WHB	4"	Up to 75W Inc./ Halogen	12/9.5/7.3	1,000/900/720	2700/3000/3500 /4000/5000K	Up to 98	90+	TRIAC/ ELV	E26 - Medium Base
16500	RDR6-PS-9FCCT-D-WHB	6"	Up to 100W Inc./ Halogen	15/11.5/7.9	1,325/1,180/850		Up to 106	90+		

Default Settings: Max Power, 3000K CCT

PERFORMANCE TABLE

MODEL	INPUT WATTAGE	2700K		3000K		3500K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
RDR4	12W	950	86	1000	90	1,050	93	1,050	93	1,050	93
	9.5W	850	90	900	95	950	98	950	98	950	98
	7.3W	680	93	720	98	750	100	750	100	750	100
RDR6	15W	1,290	96	1,325	100	1,350	97	1,350	93	1,350	93
	11.5W	1,140	99	1,180	103	1,210	103	1,210	103	1,210	103
	7.9W	840	104	850	106	875	107	875	107	875	107

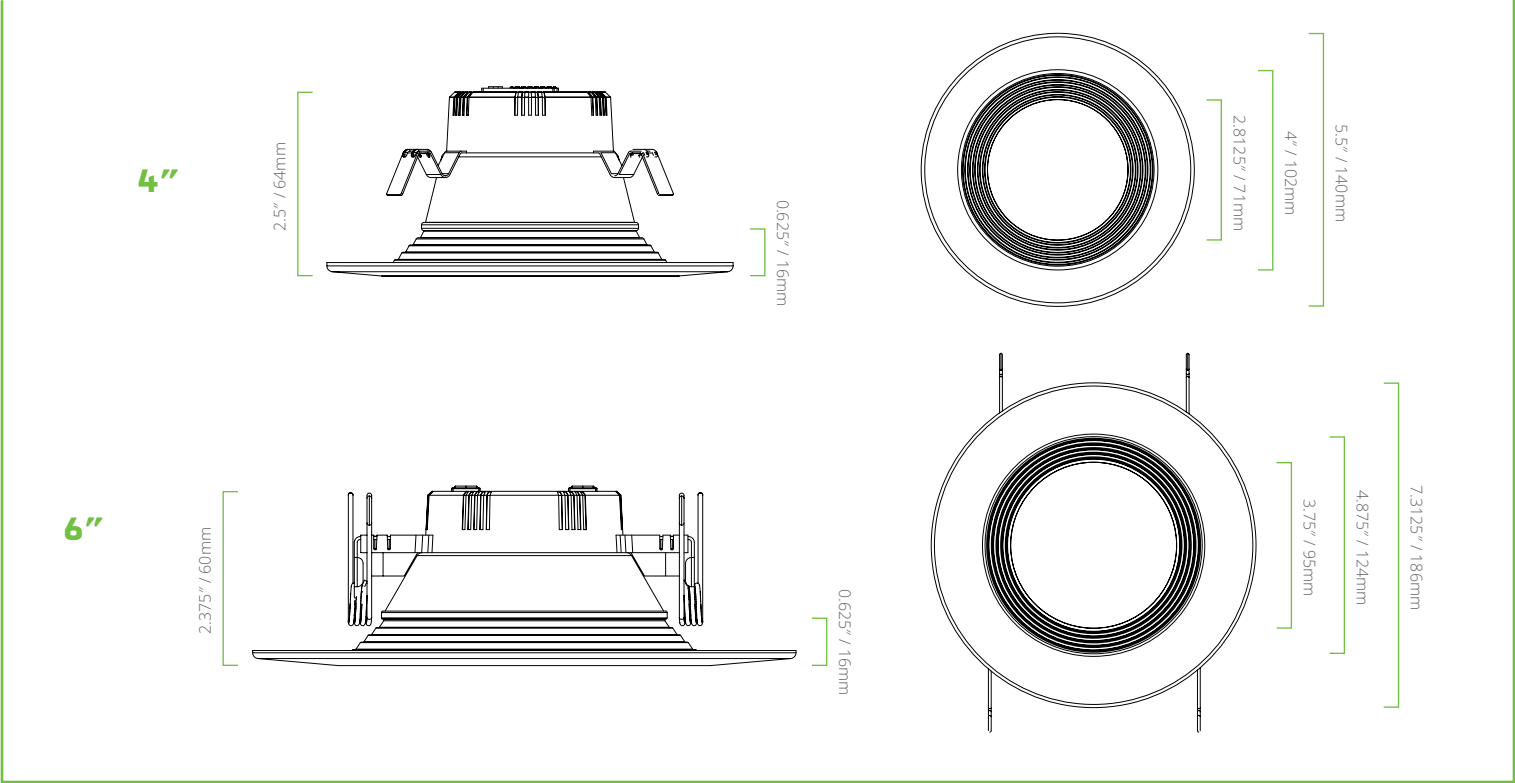
Default Settings: Max Power, 3000K CCT

ORDERING GUIDE

MODEL CONFIGURATOR						
MODEL	SIZE	WATT	CRI	CCT	DIMMING	FINISH
RDR		PS	9	FCCT	D	WHB
Downlight Retrofit	4 - 4" diameter	PowerSET - 12/9.5/7.3W	9 - 90+ CRI	ColorSET - 2700/3000/3500/4000/5000K	D - 120V TRIAC Dimming	WHB- White Finish & Baffle Trim
	6 - 6" diameter	PowerSET - 15/11.5/7.9W				

EXAMPLE PART NUMBER: RDR4-PS-9FCCT-D-WHB

PRODUCT DIMENSIONS



COMPATIBLE DIMMERS

BRAND	MODELS
LUTRON	CTCL-153P-WH
LUTRON	DV-600P-WH
LUTRON	SELV-300P-WH
LUTRON	LGCL-153PLH-IV
LUTRON	RRD6NA-WH
LUTRON	MACL-153M-BI
LUTRON	MSCL-0P153MH
LUTRON	MSCL-VP153MH
LUTRON	TG-600P-WH
LUTRON	DVCL-153P-WH
LUTRON	MACL-153MLH-WH
LUTRON	PD-6WCL
LEVITON	IPE04
LEVITON	6674
LEVITON	IPL06-10Z
LEVITON	REL06
LEVITON	PSD6-1LZ
LEVITON	6615-P
LEVITON	6633-PLW
LEVITON	6672
LEVITON	DSL06-1LZ
EATON	SAL06P3