

4" New Construction and Remodel LED Downlights

REDWOOD ENGINE 3 READY

MaxLite's Redwood Engine 3 ready LED downlights are great energy-efficient solutions for recessed lighting applications. The new construction and remodel fixtures have been engineered to make installation in grid and dry wall ceilings a snap. Each recessed fixture is supplied with a performance-leading LED module, Redwood adapter, and white trim ring that installs flush to the ceiling.

A Bridgelux LED chip emits industry leading lumen output, high CRI (80+) and still delivers extended lifetime in excess of a 50,000 L70 measurement.

FEATURES:

- Completely dimmable with Redwood Control Systems
- High lumen transmission and diffusing for even illumination
- CRI: >83
- Suitable for dry, damp, or wet location
- Airtight rated – meets air tight requirements for 2.0 CFM or less air leakage
- Rated for direct insulation contact
- Supplied with internal thermal protection

CONSTRUCTION:

- New construction housing includes 13" hanger bars, supplied with pre-installed nails: just hammer and go
- Impact-resistant plastic lens
- Housing and trim are gasketed to maximize building energy efficiency
- Hanger bars feature notches for easy installation to grid ceilings, which can be secured using wire or screws
- Remodel housing includes three push out mounting clips for easy installation
- Recessed housing is aluminum; new construction frame is steel

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE



Luminaire Ordering Information:

Watts (Nominal)	Order Number	Model Number	Lumens	CRI	Luminair Life (Hrs.)	Fixture Dimensions W"x H" x L"	CCT
13.5	72935	RF414ICAT35WRW3	934	83	50,000	6.37 x 5.56 x 8.12	3500
13.5	72934	RFR414ICAT35WRW3	934	80	50,000	4.12 x 5.63 x 12	3500

Lighting layouts and spacing criteria available upon request



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SPECIFICATIONS:

Item	Specification	RF414ICAT35WRW3	RFR414ICAT35WRW3
General Performance	Spacing Criteria	Available upon request	Available upon request
	Color Temperature	3500K	3500K
	Lumens Delivered	934	934
	Efficacy	69 lumen/watt	69 lumen/watt
	Color Consistency	Proprietary binning for uniform color	Proprietary binning for uniform color
	Lumen Maintenance (L70)	50,000 hours	50,000 hours
Physical	Dimensions	6.37" x 5.56" x 8.12"	4.12" x 5.63" x 12"
	Weight	1 lb.	1 lb.
	Housing	Aluminum	Aluminum
	Lens	Polycarbonate	Polycarbonate
	Mounting	Hanger bars for joists or grid ceilings	Mounting clips
	Operating Temperature	-30°F to 120°F	-30°F to 120°F
Certification	Certification	ETL, LM-79, LM-80	ETL, LM-79, LM-80
	Material Usage	RoHS compliant; no mercury	RoHS compliant; no mercury
	Environment	Indoor, dry, damp or wet location	Indoor, dry, damp or wet location

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Dimensions

