



## RL Retrofit Downlight (CRI90, CRI80) 9W, 13W

Our RL retrofit downlights are designed as energy-efficient lighting solution replacements for 50 watt and 90 watt incandescent lamps in the industry's most popular 4-inch and 5/6-inch recessed downlight fixtures.

Easy installation and certified Air-Tight, our retrofit recess cans are dimmable and come with built-in power connector. The torsion clips are adjustable to easily fit the recessed can at 5-inch or 6-inch.

Optional color trims in Bronze, Chrome, and Black are available.



### Key Features & Benefits

- ▶ Easy Installation
- ▶ Energy Star Certified
- ▶ Certified Air-Tight per ASTM E283-04
- ▶ Meets CEC Standards
- ▶ CRI 80/ 90
- ▶ Voltage: 120V
- ▶ Retrofit 4"/ 5-6" standard recess can
- ▶ Dimmable/ Instant On
- ▶ 35,000/ 50,000 hours rated average life
- ▶ Built-in power connector with adjustable torsion clips

### Applications

- ▶ Recessed Can Downlight
- ▶ Residential Lighting
- ▶ Retail Store Lighting
- ▶ School & University
- ▶ Restaurant Lighting


### Color Choices (\*Optional Trim)




**NEW**

Available accessories as optional:

1. Color Changing Trim




2. GU24 Base



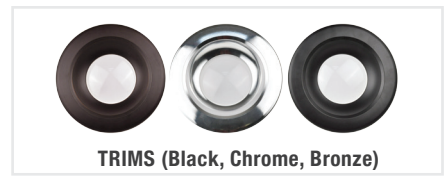
### Qualifications



Item Code	Description	Color Temp	Wattage	Lumen Output	Equivalent Wattage	Diameter	CRI	Rated Hours	Dimmable	Air Tight	
7092	LED4RL-56L30K	3000K	9	560	50	4-in	80	35,000	•	•	•
7172	LED4RL-56L40K	4000K	9	560	50	4-in	80	35,000	•	•	•
7173	LED4RL-56L50K	5000K	9	560	50	4-in	80	35,000	•	•	•
7174	LED6RL-88L40K	4000K	13	880	85	5/6-in	80	35,000	•	•	•
7175	LED6RL-88L50K	5000K	13	880	85	5/6-in	80	35,000	•	•	•
7562	LED4RL-65L830	3000K	9	650	60	4-in	80	50,000	•	•	•
7566	LED4RL-65L840	4000K	9	650	60	4-in	80	50,000	•	•	•
7567	LED4RL-65L850	5000K	9	650	60	4-in	80	50,000	•	•	•
7563	LED6RL-98L830	3000K	13	980	90	5/6-in	80	50,000	•	•	•
7568	LED6RL-98L840	4000K	13	980	90	5/6-in	80	50,000	•	•	•
7569	LED6RL-98L850	5000K	13	980	90	5/6-in	80	50,000	•	•	•
7580	LED4RL-58L927	2700K	9	580	60	4-in	90	50,000	•	•	•
7578	LED4RL-58L930	3000K	9	580	60	4-in	90	50,000	•	•	•
7581	LED6RL-88L927	2700K	13	810	90	5/6-in	90	50,000	•	•	•
7579	LED6RL-88L930	3000K	13	810	90	5/6-in	90	50,000	•	•	•

Accessories

P10029	ADP-RLGU24-N	GU24 Socket Adaptor for LED Recessed Retrofit Kit
P10057	RT-4RL-BK	Recessed Trim: 4-in recessed light (Black)
P10060	RT-6RL-BK	Recessed Trim: 6-in recessed light (Black)
P10058	RT-4RL-CH	Recessed Trim: 4-in recessed light (Chrome)
P10061	RT-6RL-CH	Recessed Trim: 6-in recessed light (Chrome)
P10059	RT-4RL-BZ	Recessed Trim: 4-in recessed light (Bronze)
P10062	RT-6RL-BZ	Recessed Trim: 6-in recessed light (Bronze)



Adjustable Sizing  
5" - 6" adjustable torsion clips to better fit the distance needed for installation.

High CRI with LEDs



CRI80



CRI90

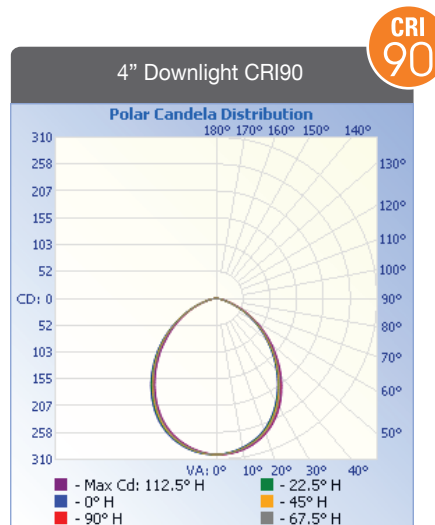
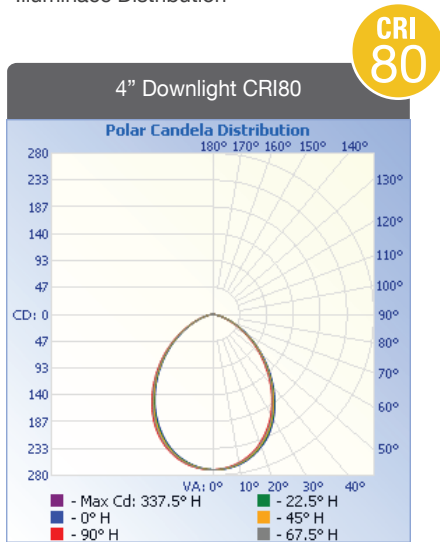
Color Rendering Index (CRI) describes how an object appears to the human eye based on ideal or natural light source. The CRI is an index, a measure, that tells something about how colors are represented by light coming from a certain light bulb, compared to how the colors are rendered with the light coming from a reference illuminant.

The CRI reports a unit less value, that can differ between 0 and 100. The value 100 means that there is no difference in color rendition between the light of the observed light bulb and the light of the reference illuminant. Lighting with a CRI of 85 to 90 is typically "excellent" at rendering colors of objects while CRI90 or greater are "superior".

► Dimensions

	Size	A	B		Weight (lbs)
	4-inch	5.00-in	3.50-in		0.60
	5/6-inch	7.50-in	3.80-in		0.90

► Illuminance Distribution



**Illuminance at a Distance**

Distance	Center Beam fc	Beam Width
3.0ft	30.0 fc	5.9 ft
6.0ft	7.5 fc	11.8 ft
9.0ft	3.3 fc	17.7 ft
12.0ft	1.9 fc	23.6 ft
15.0ft	1.2 fc	29.5 ft

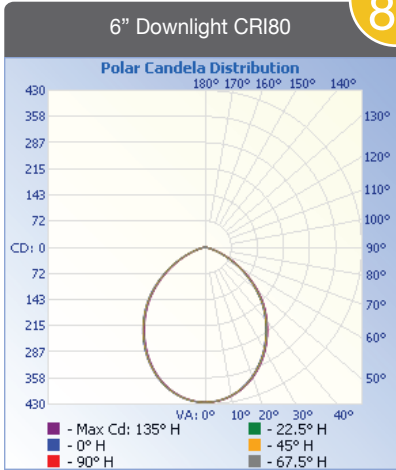
Vert. Spread: 89.1°  
Horiz. Spread: 89.1°

**Illuminance at a Distance**

Distance	Center Beam fc	Beam Width
3.0ft	33.4 fc	6.5 ft
6.0ft	8.3 fc	12.9 ft
9.0ft	3.7 fc	19.4 ft
12.0ft	2.1 fc	25.8 ft
15.0ft	1.3 fc	32.3 ft

Vert. Spread: 94.2°  
Horiz. Spread: 94.2°

**CRI 80**

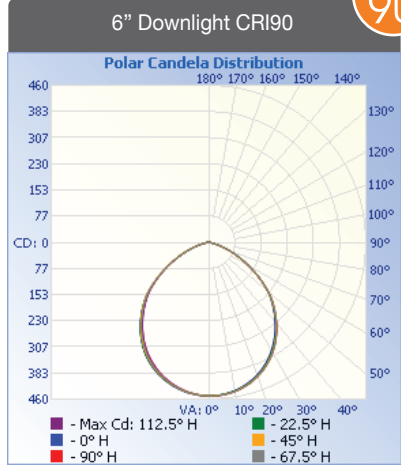


**Illuminance at a Distance**

Center Beam fc	Beam Width	
3.0ft	47.2 ft	6.4 ft
6.0ft	11.8 ft	12.8 ft
9.0ft	5.2 ft	19.1 ft
12.0ft	2.9 ft	25.5 ft
15.0ft	1.9 ft	31.8 ft

Vert. Spread: 93.4°  
Horiz. Spread: 93.6°

**CRI 90**



**Illuminance at a Distance**

Center Beam fc	Beam Width	
3.0ft	50.0 ft	7.3 ft
6.0ft	12.5 ft	14.5 ft
9.0ft	5.6 ft	21.8 ft
12.0ft	3.1 ft	29.1 ft
15.0ft	2.0 ft	36.4 ft

Vert. Spread: 100.9°  
Horiz. Spread: 100.9°

► Master Carton Package

