

6" LED ARCHITECTURAL RETROFIT HOUSING SERIES

LED ARCHITECTURAL



PRODUCT DESCRIPTION:

The RL-6 is a specification grade LED Down Light Module that can be installed in either Oracle Lighting's or other manufacturers six inch insulated (Type IC) or non insulated (Type non IC) standard recessed housings or down lights. The RL-6 may also be ordered with Oracle Lighting's B6IC-AT-GU24 (New construction IC/ Non Housing) or B6RIC-GU24 (Remodel IC/ Non IC Housing). The RL-6 produces a pure and blissful white light and is currently one of the most efficient recessed lighting fixtures currently available. (Many U.S. and international patents pending.)

PERFORMANCE SUMMARY:

The RL-6 utilizes 12 CREE High Output LEDs and produces superb performance:

- Nominal delivered light output is estimated to be 800 Lumens for Warm White (2700K), 912 Lumens for Pure White (3500K) or 1150 Lumens for Cool White (5000K).

DIMMING OPTION AVAILABLE:

- The RL-6 can be dimmed with up to 30 percent.

PHOSPHOR CONVERSION TECHNOLOGY:

- The RL-6 uses Phosphor Conversion technology which is the most mature and advanced technology currently available.
- By using Phosphor Conversion technology the RL-6 produces a high luminous flux.
- By using Phosphor Conversion technology the RL-6 has an extremely high efficacy.
- By using Phosphor Conversion technology the RL-6 has an expected life of 50,000 hours when light output drops below 70% of initial output.

CONSTRUCTION:

In order to increase performance and elongate the life of the LED, Oracle Lighting has developed a Patent Pending internal cooling system to dissipate the heat from the actual LED to surrounding areas.

OPTICAL SYSTEM:

By utilizing our Patent Pending OPTIMAX LED system the RL-6 will provide an even illumination and a comfortable space. The different optical lenses available will eliminate uncomfortable glare caused by directly viewing at the LED. Even distribution of brightness creates high ceiling effect and an open environment. Optimum distribution of light transforms walls and surfaces to appear more spacious.

FEATURES:

- A. LED DRIVER - Enhanced in heat dissipating cover, to provide noise free operation. Attached to junction box cover so it may be serviced from below the ceiling. Thermally protected.
- B. SOCKET – Available with Medium base screw shell porcelain socket or a GU-24 socket.
- Meets California Title-24 high efficacy luminaire requirements

UL and C-UL listed / ETL and C-ETL listed

For Damp location.
For Feed Through wiring.
For Direct Contact with Insulation.

ITEM SELECTOR: (Please check the boxes below for the option desired)

MODEL	WATTAGE	VOLTAGE	DRIVER	LED COLOR
RL-6	12W	<input type="checkbox"/> 120V	<input type="checkbox"/> E	<input type="checkbox"/> 27K
				<input type="checkbox"/> 35K
				<input type="checkbox"/> 50K

Sample Specification:
RL-6-12W-120V-E-27K