*Quick Connect Wiring*

*8" Downlight*
*Ø8.7" x 4.4"*

*Armored Cable*

*Embedded Sensor Connect*

*6" & 8" Options Available*

# COMMERCIAL DOWNLIGHTS
## Wirelessly Controlled, Smart, Retrofit Downlights

### APPLICATIONS: INDOOR LIGHTING, OFFICE, NEW CONSTRUCTION

The RCA Commercial Downlight is an unrivaled combination of lighting controls, efficacy and installation ease, bringing outstanding value to the downlight space. Our recessed parabolic downlight with trim ring features a beveled edge for clean ceiling interface.

**Plug-and-Play ZigBee Enabled Lighting Controls.**

**Easy on Installers. Armored Cable system with Quick Connect Wiring.**

**Mounts in drywall & grid ceiling applications with optional trim rings.**

**High Efficacy light with external driver for retrofit and maintenance.**

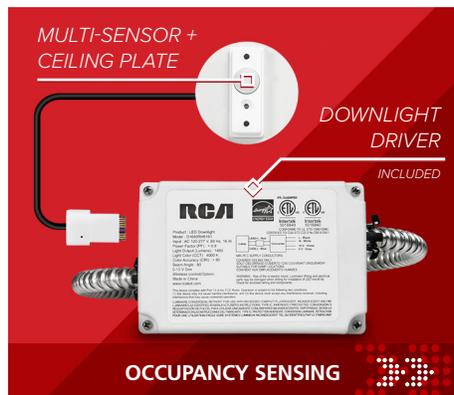---

## STANDARD FEATURES
### Out-Of-The Box

## LUMINAIRE LEVEL LIGHTING CONTROLS
### Upgrade with Sensor Connect Smart Controls & Accessories

*MULTI-SENSOR + CEILING PLATE*

*DOWNLIGHT DRIVER*

*INCLUDED*

**FUTURE PROOF & SCALABLE**

**OCCUPANCY SENSING**

**WIRELESS CONTROLS & OCCUPANCY SENSING**

**All Models, 6" & 8"**

The commercial downlight performs true to spec out of the box. 0 - 10 V dimming capable & *Ready to make the Upgrade to LLLC when you are*.

**Requires | RCA-MULTI-SENSOR + LGE-CEILING-PLATE**

A plug-and-play Multi-Sensor with tactile buttons for easy standalone lighting controls. Program min/max levels, motion detection and more.

**Requires | RCA-MULTI-SENSOR + Android Phone**

Convert your lights into a wireless mesh network using your Android Device. Group and commission your lighting network, and set up advanced LLLCs.

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## Ordering Information *(For Manufacturing Part Numbers, Use Reference Chart on page 2)*

Example: LGE-CRDL-16-35-1450-LGE-DW-TR-8

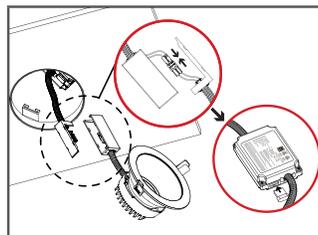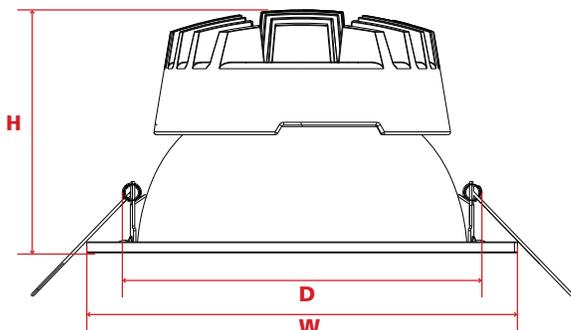| LGE | | | | | | |
|---|---|---|---|---|---|---|
| **Product** | **Type** | **Size** | **CCT** | **Lumen Package** | **Options** | |
| **LGE** | **CRDL**<br>Commercial Downlight | **16**<br>6" Model<br>16 W | **35**<br>3500 K | **1450**<br>1,450 lm<br>*"6" Only* | **RCA-MULTI-SENSOR**<br>Occupancy Sensor, Wireless Control *(Optional)* | **LGE-DW-TR-8**<br>Extended Trim Ring<br>6" Model Only |
| | | **22**<br>8" Model<br>22 W | **40**<br>4000 K | **2000**<br>2,000 lm<br>*"8" Only* | **LGE-DONGLE-VLC**<br>Wireless Communication Module | **LGE-DW-TR-10**<br>Extended Trim Ring<br>8" Model Only |
| | | | | | **LGE-CEILING-PLATE**<br>Downlight Clip for Multi-Sensor | **EM10W**<br>Emergency Pack<br>10 W / 90 Min |

*2X2 models have limited power options and lumen packages available.*

# COMMERCIAL DOWNLIGHTS

Specs subject to change

## Dimensions & Parts



| Power | Lumens | Width (W) | Diameter (D) | Height (H) | Weight |
|-------|--------|-----------|--------------|------------|--------|
| 16 W | 1,450 lm | Ø7.0" | Ø6.0" | 3.9" | 1.87 lb |
| 22 W | 2,000 lm | Ø8.7" | Ø8.0" | 4.3" | 2.02 lb |



### Easy Installation

I Quickly connct LED Fixture Assembly with the driver assembly.

I Built In Connectors easily snap together

I Torsion Spring Retention Clips.

## Options



| Battery Backup | Smart Lighting Controls | | Mounting Parts \| Field-Installable | | |
|----------------|-------------------------|--|-------------------------------------|--|--|
| **EM10W**<br>Emergency Pack<br>10 W / 90 Min | **RCA-MULTI-SENSOR**<br>Occupancy Sensor<br>Wireless Control (Optional) | **LGE-DONGLE-VLC**<br>Wireless<br>Communication Only | **LGE-DW-TR-8**<br>Extended Trim Ring<br>6" Model | **LGE-DW-TR-10**<br>Extended Trim Ring<br>8" Model | **LGE-CEILING-PLATE**<br>Ceiling Mount Plate<br>Multi-Sensor |

## Lighting Specifications

| Power Consumption | 16 W | 22 W |
|-------------------|------|------|
| **Max Delivered Lumens** | 1,450 lm | 2,000 lm |
| **Color Temperature** | 3500 K, 4000 K | |
| **Optical Unit (Lens)** | Frosted Polycarbonate | |
| **Beam Angle** | 80° | |
| **Efficacy** | 90 Lumens Per Watt | |
| **Input Voltage** | AC 120 - 277V, 50 - 60 Hz | |
| **CRI** | 80 + | |
| **L85 Lifetime** | 50,000 Hours at L85 | |
| **Controls** | Sensor Connect, Smart Luco, VLC, 0 - 10 V | |

## Part Number Reference Chart

| US Order Code | MPN # | US Order Code | MPN # |
|---------------|-------|---------------|-------|
| LGE-CRDL-16-35-1450 | D1635RH8161 | LGE-CRDL-22-35-2000 | D2235RH7161 |
| LGE-CRDL-16-40-1450 | D1640RH8161 | LGE-CRDL-22-40-2000 | D2240RH7161 |

*MPN = Manufacturer Part Number*

## Certifications & Warranty

cULus Listed, UL 1598 Damp Location use. RoHS Compliant. Meets FCC Standards. Covered by RCA Commercial 5 Year Advanced Replacement Warranty.

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