Cast Downlights integrate into your ceiling for the custom built look of a drywall light niche.

System
Round and Square aperture downlights cast with GRG (Glass fiber Reinforced Gypsum) composite material. Once installed, the fixture actually appears to be part of your ceiling and looks like a custom formed drywall "light niche" that blends with any interior motif.

Now with LED options!

RECESSED Hole In The Ceiling Light Niche For Plaster or Drywall

Project
Louisiana State University
Baton Rouge, Louisiana

Specifier
Trahan Architects
Baton Rouge, Louisiana

Project
Vance Residence

Cast Downlights integrate into your ceiling for the custom built look of a drywall light niche.
Specifications
New LED options for the “Hole In The Ceiling” fixtures are available in round or square 4-1/2”, 6”, 8” and 10” apertures for 16, 20, 25 and 25 watts respectively. Fixtures utilize Bridgelux LEDs and are 90+CRI. These high color rendering LED lamps are an energy saving alternative to halogen and fluorescent sources. The recessed GRG fixture is fiberglass reinforced cast plaster with integral electrical components. All electrical components in the metal “Top Hat” are accessible through the bottom of the fixture. The LED dimming driver is supplied standard. Please specify.

The durable, GRG casting mounts directly to stud construction and allows 5/8” gypsum board construction butting the fixture. Metal “Top Hat” components combine 20 gauge CRS and aluminum for proper cooling of the LED. CRS components are TGIC polyester powder coated.

NOTE: Please do not specify or try to install this product without clear understanding of the installation instructions.

Options
Driver 120- 277 Electronic Dimming (Specify)
Osram, 0-10v (Standard)
Lutron, 3 wire, Digital -L3D
Lutron, 2 wire -LTE 120v Only
IC IC (Standard)
LED Must Specify (Lumens vary per color)
2700K -27K
3000K -30K
3500K -35K
4000K -40K
Lens Frosted Acrylic -MLF (Standard)
Residential For 7-7/8” Height, -8H ◆
Height
Metal Finish White (Standard)
Anti-Microbial White -MB

* Multipiers = Lutron L3D is .9 / Lutron LTE is .75
* S or R in Number indicates Square or Round Aperture.
◆ Available for Residential Height of 7-7/8” (Add -8H)
**Specifications**
Recessed fixture for use with several compact fluorescent, incandescent and PAR metal halide options. The GRG fixture is fiberglass reinforced cast plaster with integral electrical components. All electrical components in the metal "Top Hat" are accessible through the bottom of the fixture. Mental "Top Hat" is 20 gauge CRS that is post painted with TGIC polyester powder coating, with cover and knockouts for wiring. Adjustable fixtures tilt 35° and rotate 359°. All fluorescent units are supplied standard with Luminaire Disconnect. Casting mounts directly to stud construction. Allowance is made for 5/8˝ gypsum board construction butting fixture. I.C. / Airtight options are available. 

**Installation Instructions**
Product without clear understanding of the installation instructions. Ul/CUL Damp Location listed. Patent #7,824,059.

**Options**
Ballast & Transformers: 120 or 277 Electronic (Standard) Dimming (Some models) -DM Magnetic Q-Trans (as shown) -QT
Custom Heights: Available, Consult Factory I.C. and Airtight Available (as shown) -IA
Frosted Lexan Lens: Fluorescent Models Only – MLFL 
Milk White Glass Lens: Lift & Shift Lens (as shown) -LSGL
Residential Height: 4’ Apertures marked ◆ 7-7/8Ht. - 8H
Metal Finish: White (Standard) Anti-Microbial White -MB

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**Table: HITC Series**

<table>
<thead>
<tr>
<th>Model No. **</th>
<th>Drawing A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>Lamp</th>
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<tr>
<td>140A-19HTC or R-4 ◆</td>
<td>12</td>
<td>4-1/2˝</td>
<td>9-1/8˝</td>
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<td>11˝</td>
<td>8-1/4˝</td>
<td>4-3/4˝</td>
<td>5-1/2˝</td>
</tr>
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</table>

**Notes**
- Anti-Microbial White -MB
- MR-16 Fixture Supplied with protective lens. + Available with Dimming Ballast
- ** S or R in Model Number indicates Square or Round Aperture.
- Note: All double lamp fluorescent fixtures are available with a single lamp.
- Change the first number to a “1”.
- Example: #242TT-HITC8-8 Double Lamp Fixture #142TT-HITC8-8 Single Lamp Fixture
- Available for Residential Height of 7-7/8˝ (Add -8H)
- ◆ Available with the “RC-18” Round Cone casting in drawing #17. To order, the numbers after “HITC” would be “RC-18.” For example, the #226TT-HITC5-8-B would become #226TT-HITC RC-18 to order the Round Cone casting with that lamping.

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**Diagram**

For “S-4” fixtures, Add -13.5S non-adjustable, no lens.

For “R-4” fixtures, Add -23S non-adjustable, no lens.

For “S-6” fixtures, Add -30S non-adjustable, LSSL lens.

Custom Slope castings may be ordered. These slopes are currently available.
Installation
NOTE: Casting/Fixture should be installed by the drywall contractor and the metal “Top Hat” wired by the electrical contractor.
1) Fixture casting mounts directly to studs.
2) Install metal electrical unit and make connections.
3) Install drywall to the edge of the casting.
4) Use standard drywall tape and joint compound at the seam edges.
5) Sand and finish like typical drywall seam.
6) Finish fixture and ceiling.
Finished fixture appears to be a custom formed drywall light niche.

SEE DETAILED INSTALLATION INSTRUCTIONS FOR EACH MODEL