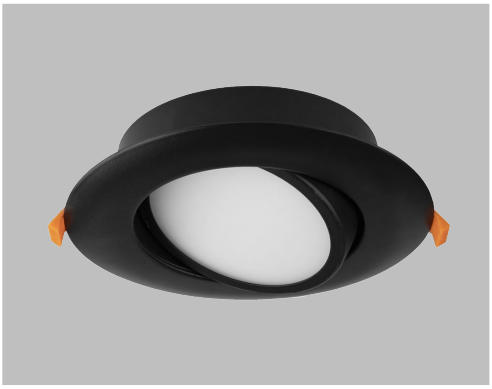
Estelles Lighting
COMPLETE LIGHTING SOLUTIONS

Product : **LED Round Recessed Mini Panel Gimbal CCT tunable**

Project Name

**SPECIFICATION SHEET**



**Dimensions (DxH)**

Size 3 : 3-15/16" x 1"
Size 4 : 8-1/4" x 4"
Size 6 : 7-5/16" x 1-1/4"

## Description

**LED RECCESSED MINI PANEL -** LED ROUND AND SQUARE RECESSED MINI PANEL offers a sleek, low profile design, ideal for spaces with low ceilings. This fixture has a J-box, plug & twist connector, spring-loaded clips makes the installation process quick and easy. The acrylic lens with a 110° beam angle grants you even light. It is designed to operate on 120V circuits and provides smooth dimming capabilities ranging from 10% to 100%.

**VARIETY** - The fixture comes in round and square shapes, 3-inch, 4-inch, 6-inch, 8inch and 12-inch available in White, Black, Nickel, or Bronze finishes. Square shape models come with square and round base in 4 inch and 6 inch sizes. It also has gimbal design in 3-inch, 4-inch, 6-inch sizes available in White or Black finishes to suit any design preference.

**COLOR SELECTABLE** - Choose between 2,700K soft white, 3,000K warm white, 3,500K neutral white, 4,000K cool white, or 5,000K daylight to find the ideal color temperature for your space.

**DIMMING** - Smooth triac dimming capabilities from 10% to 100% with modern LED dimmers gives you full control over your space.

**INSTALLATION** - This fixture is IC rated so there is no can or any other housing required. It is also Wet Locations rated for added versatility.

**ADVANTAGES** - With a lifespan of 54,000 hours, these fixtures are made to last decades under normal operation! Estelles provides a 5-year limited warranty along with UL and Energy Star certifications to guarantee top quality products and safety

**OPTIONS:**
**MODELS WITH SMART RGBW** - The fixture has RGBW design with Estelles SMART APP control. You can easily select Red, Green, Blue, White (2,700K-6,500K) colors or its' combinations, having 16.7 million colors in total. You can also choose lighting patterns and set up a schedule, having a great variety of good looking effects. All of it is easily controlled by Estelles SMART APP on your Smartphone. The fixture is also compatible with Alexa and Google Assistant.

**Ordering Info:**

| Model | Size | Watts | Voltage | Dimmable | Lumens | CCT | Finish |
|---|---|---|---|---|---|---|---|
| EL-JBR-GB | 3"<br>4"<br>6" | 6W<br>12W<br>15W | 120V | TRIAC | up to 463 lm<br>up to 842 lm<br>up to 1232 lm | 2700K<br>3000K<br>3500K<br>4000K<br>5000K | White<br>Black |

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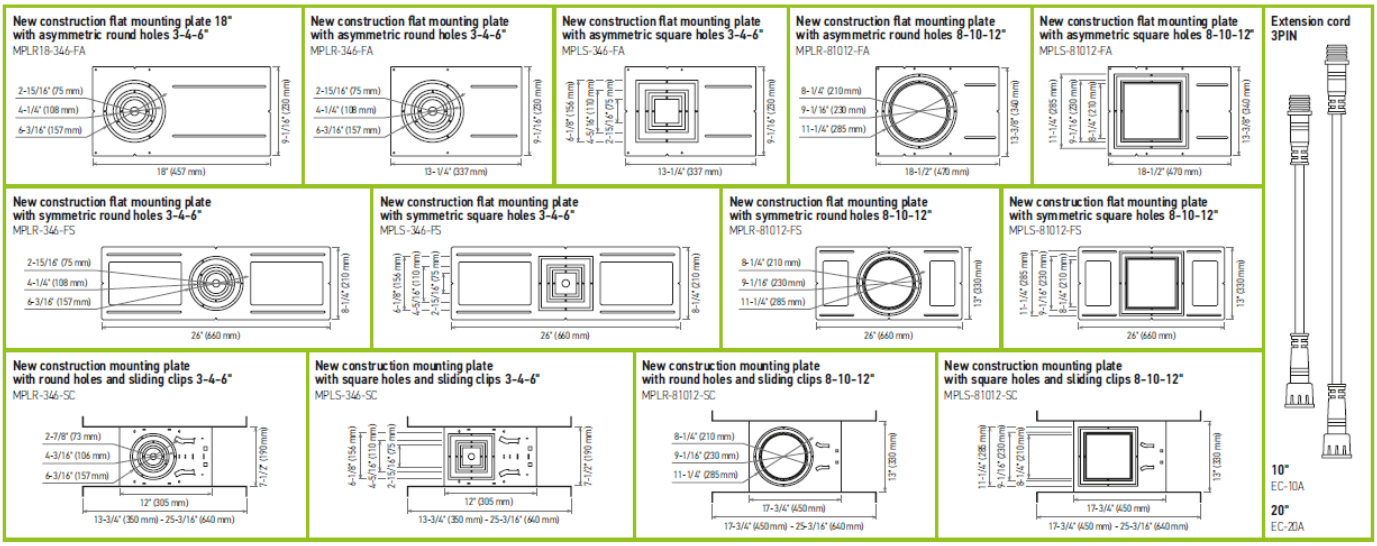
IC RATED | 5 LIMITED 5 YEAR WARRANTY | UL | ENERGY STAR | Wet Locations

| PRODUCT SPECIFICATIONS | |
|---|---|
| Housing | Aluminum |
| Lens | PC |
| Finish | White, Black |
| **Environmental system** | |
| Work environment | Suitable for Damp Locations |
| Operating temperature | -4°F to 104°F (-20°C to 40°C) |
| L-70 Life | > 54,000 hrs |
| **Optical system** | |
| Color temperature | 5CCT switch (2,700/3,000/3,500/4,000/5,000 K), 3,000 K by default |
| CRI | > 90 |
| **Electrical system** | |
| Input voltage | 120V |
| Max input current | 0.07 A / 0.14 A / 0.14 A |
| Inrush current (Action time) | 16 A (0.16 S) / 23 A (0.16 S) / 29 A (0.18 S) |
| Power consumption | 6W, 12W, 15W, |
| Power factor | > 0.9 |
| Surge protection DM/CM | 1.25 kV / 1.25 kV |
| Dimming range | TRIAC |
| Certifications | UL certified |
| Warranty | 5-year limited |

## ACCESSORIES (sold separately):




## ACCESSORY COMPATIBILITY LIST:

| Model | | New construction flat mounting plate with asymmetric round holes 3-4-6" MPLR-346-FA | New construction flat mounting plate 18" with asymmetric round holes 3-4-6" MPLR18-346-FA | New construction flat mounting plate with asymmetric square holes 3-4-6" MPLS-346-FA | New construction flat mounting plate with asymmetric round holes 8-10-12" ASD-MPLR-81012-FA | New construction flat mounting plate with asymmetric square holes 8-10-12" MPLS-81012-FA | New construction flat mounting plate with symmetric round holes 3-4-6" MPLR-346-FS | New construction flat mounting plate with symmetric square holes 3-4-6" MPLS-346-FS | New construction flat mounting plate with symmetric round holes 8-10-12" MPLR-81012-FS | New construction flat mounting plate with symmetric square holes 8-10-12" MPLS-81012-FS | New construction mounting plate with round holes and sliding clips 3-4-6" MPLR-346-SC | New construction mounting plate with square holes and sliding clips 3-4-6" MPLS-346-SC | New construction mounting plate with round holes and sliding clips 8-10-12" MPLR-81012-SC | New construction mounting plate with square holes and sliding clips 8-10-12" MPLS-81012-SC | Extension cord 3PIN EC-10A EC-20A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBR | 3" | • | • | | | | • | | | | • | | | | • |
| | 4" | • | • | | | | • | | | | • | | | | • |
| | 6" | • | • | | | | • | | | | • | | | | • |
| | 8" | | | | • | | | | • | | | | • | | • |
| | 12" | | | | • | | | | • | | | | • | | • |
| JBR-RGBW | | • | | | • | | • | | | | • | | | | |
| JBS | 3" | | | • | | | | • | | | | • | | | • |
| | 4" | | | • | | | | • | | | | • | | | • |
| | 6" | | | • | | | | • | | | | • | | | • |
| | 8" | | | | | • | | | | • | | | | • | • |
| | 12" | | | | | • | | | | • | | | | • | • |
| JBSR | 4" | | | | | | | | | | | | | | • |
| | 6" | | | | | | | | | | | | | | • |
| JBR-GB/ JBR-GBA | 3" | • | • | | | | • | | | | • | | | | • |
| | 4" | • | • | | | | • | | | | • | | | | • |
| | 6" | • | • | | | | • | | | | • | | | | • |

# INSTALLATION GUIDE

**IMPORTANT SAFETY INFORMATION:**

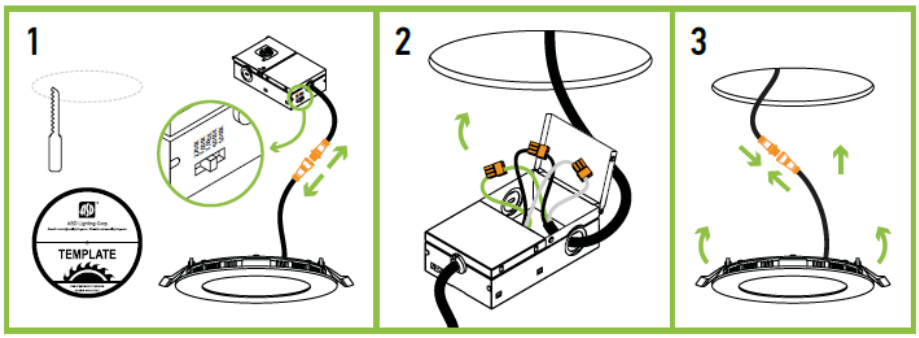
**Please read all the instructions below before installation.**

- Make sure that the supply voltage corresponds to the rated product voltage.
- The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- If the product is damaged, do not use it.

## WARNING

**RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.** Keep or give to the owner for future reference. Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product. Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor. Estelle's assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

**ELECTRICAL SCHEMATIC DIAGRAM:**




## INSTALLATION STEPS:

1. 1. Use template to cut an appropriate sized hole. Disconnect the fixture from the junction box.
2. Open junction box. Connect the wires: Black to Black, White to White, Green to Green. Secure the connection with quick connector. Choose needed color temperature by adjusting the switch. Close the junction box.
3. Insert the junction box into the cut hole, leaving the connection cable outside. Connect the fixture to the Junction box inserting the cable and securing it with a cap. Push the spring loaded clips upwards and insert the fixture base into the mounting hole. Release the clips, so the fixture fits securely. For SMART fixture download SMART APP and add the fixture to it according to the manual (download manual and app from the links or scan the QR codes below)..