# INSTALLATION INSTRUCTIONS
# SOLO CEILING WITH C1NA HANGING SYSTEM

These Instructions cover the SOLO luminaire with the following options:

| SERIES | HANGING SYSTEM | SIZE | LIGHT SOURCE | CONTROL | WIRE DIAGRAM |
|---|---|---|---|---|---|
| SL1 - SOLO | C1NA: SURFACE CEILING MOUNT | 96’’ | STATIC WHITE | 0-10V DIM 1% (DM1) | WIRE DIAGRAM ON PAGE 6 |

FIG. 1 - SL1-C1NA-96-MW-XXX-LEDX_XXK-XXX-XX-DM~

**GENERAL NOTES:**

1. PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
2. TURN OFF POWER TO CIRCUIT FIXTURE WHILE IT IS BEING INSTALLED.
3. INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION.
4. CAREFULLY UNPACK ALL CONTENTS; SOME COMPONENTS MAY HAVE BEEN SHIPPED IN SEPARATE BOXES. MOST FIXTURES ARE SHIPPED PARTIALLY ASSEMBLED. SOME UNASSEMBLY MAY BE REQUIRED FOR INSTALLATION.
5. INSPECT EACH COMPONENT RECEIVED; IF ANY COMPONENT SHOWS SIGNS OF DAMAGE OR POTENTIAL FAILURE, STOP INSTALLATION IMMEDIATELY AND CONTACT FACTORY FOR HOW TO PROCEED.

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**GENERAL INFORMATION:**

You will receive the following with each SOLO series pendant fixture:

1. SOLO LUMINAIRE Ships in 3 sections. (As shown in FIG. 2)
2. INSTALLATION INSTRUCTIONS (shown in FIG. 3) - Please completely read the install instructions before starting installation.
3. RED BAG (shown in FIG. 3)
    a. Cover Plate (Shown in FIG. 4)
    b. 2” Washer (4) (Shown in FIG. 5)
    c. Screws (2) (Shown in FIG. 6)
    d. Acrylic Plate & Top Plate (Shown in FIG. 7)
    e. Connection Hardware. (Shown in FIG. 8)

**WARNING: Examine all components for any damage before beginning installation.**
**WARNING: This fixture should be installed by a licensed electrician only.**
**WARNING: Be careful not to scratch or damage any finished parts.**

FIG. 2 - SOLO LUMINAIRE SECTIONS

FIG.3 RED BAG AND INSTALLATION INSTRUCTIONS

FIG.4 COVER PLATE

FIG. 7 – ACRYLIC PANELS & TOP PLATES

FIG. 5 WASHER

FIG. 6 SCREW

FIG. 8 CONNECTION HARDWARE

**MOUNTING:**

1. Mark location for the J-BOX MOUNTING POINT according to the MOUNTING INFORMATION as shown in FIG. 9.

FIG.9 MOUNTING INFORMATION

**SOLO MOUNTING [HARD CEILING]:**

2. For hard ceiling install #8 FLAT HEAD ANCHOR (by others) as shown in FIG.10 into ceiling at the non-powered mounting location as per the mounting information as shown above in FIG.9

**WARNING: Anchors (by others) must be rated to 50lbs each and suitable for ceiling material at the non-powered mounting location.**

FIG. 10- HARD CEILING INSTALLATION

**SOLO MOUNTING [GRID CEILING]:**

3. For grid ceiling install 1/4-20 ROD (by others) as shown in FIG.11 at the non-powered mounting location as per the mounting information chart (page 4). 1/4-20 ROD should protrude past the bottom of the ceiling surface 0.375”.

**WARNING: Make sure each threaded rod is mounted to structural member rated to at least 50lbs.**

FIG. 11 – GRID CEILING INSTALLATION

4. Carefully unpack the RING FIXTURE. Remove the REFLECTORS from the fixture by removing the #8-32 screws as shown FIG 12.

FIG. 12 – DISASSEMBLY OF FIXTURE BODY

5. Mount FIXTURE BODY to ANCHORS or THREADED RODS installed earlier. If mounting over a 4x4 JUNCTION BOX hole, make sure the 5" COVER PLATE is installed on the FIXTURE and lined up over the hole. Also install the 2"WASHERS (DIAMETER) provided between the fixture and ceiling to assist in leveling the fixture as shown in FIG. 13.

FIG. 13 – FIXTURE BODY INSTALLATION

6. Make all wire connections inside the SECTION #1 in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES inside the JUNCTION BOX (BY OTHERS) as shown FIG.14. See WIRE LABEL TABLE and WIRE DIAGRAM below as shown in FIG. 15 and 16 for wire connections.

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FIG. 14 – VIEW SHOWING WIRING INFORMATION AND SECTION #1 ASSEMBLY

**WIRE DIAGRAM:**

| SERIES | HANGING SYSTEM | SIZE | LIGHT SOURCE | LED OUTPUT | CONTROL | WIRE DIAGRAM |
|---|---|---|---|---|---|---|
| SL1 - SOLO | C1NA: SURFACE CEILING MOUNT | 96 | STATIC WHITE | LED 1 & LED2 | 0-10V DIM 1% (DM1) | WIRE DIAGRAM A ON PAGE 6 |

| WIRE LABEL TABLE | | |
|---|---|---|
| ALL | WIRE COLOR | LABEL |
| ALL | BLACK | LINE VOLTAGE |
| ALL | WHITE | NEUTRAL |
| ALL | GREEN | GROUND |
| DM1 | PURPLE | 0-10V (+) |
| DM1 | GREY | 0-10V (-) |

FIG. 15 – WIRE LABLE INFORMATION

FIG. 16 – WIRE DIAGRAM

7. Raise the SECOND REFLECTORS SECTION and install into the anchor location as shown FIG.17. Then install the corresponding REFLECTOR on to the SECOND REFLECTORS SECTION and plug the connectors with the Reflector #1 for wire connection. Finally connect the two section with the help of CONNECTION HARDWARE'S as shown in FIG.18.

FIG. 17 – SECTION #2 ASSEMBLY

FIG. 18 – DETAIL SHOWING RING SECTION CONNECTED BY CONNECTION HARWARE

8. Repeat the step 7 for remaining section Install the remaining REFLECTORS and make sure to plug in all the wire plugs when installing. The last REFLECTOR should have 2 connectors unplugged as shown below in FIG.19.

FIG. 19 – REFLECTOR ASSEMBLY

9. Install all 4 bottom acrylic pieces as shown in FIG.20 by turning them slightly and sliding them in until they rest on the lip of the fixture body. The acrylic has a step feature on the end that must overlap to ensure there are no gaps as shown in FIG. 21.

FIG. 20 – ACRYLIC ASSEMBLY

FIG. 21 - DETAIL SHOWING ACRYLIC PLATE RESTING ON FIXTURE BODY

10. Restore power to circuit the SOLO series pendant is connected to.
    a. Test to see that the luminaire turns on after power is restored.
    b. Contact OCL for any luminaire troubleshooting if a problem occurs.

FIG. 22 - COMPLETED INSTALLATION OF SOLO CEILING WITH C1NA HANGING SYSTEM (AS SHOWN)