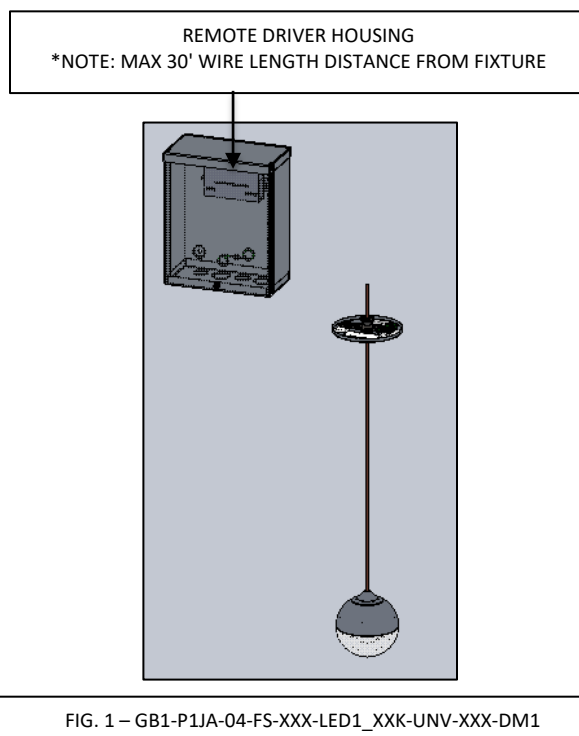


## INSTALLATION INSTRUCTIONS

### GLOWBALL PENDANT WITH P1JA HANGING SYSTEM

These instructions cover the GLOWBALL luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. GB1(GLOWBALL)	P1JA: PENDANT WITH 5" FLAT CANOPY, SINGLE SILVER POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE	04"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 5



#### GENERAL NOTES:

- PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
- INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION.
- 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.
- REMOTE MOUNTING DRIVERS - OCL RECOMMENDS: MAX 30' WIRE LENGTH DISTANCE FROM FIXTURE FOR NON-DIMMING AND DM1. MAX 10' WIRE LENGTH REMOTE DISTANCE FOR LUTRON. ENCLOSURE SHOULD REMAIN ACCESSIBLE AFTER INSTALLATION.
- DO NOT LET THE GLOWRING LUMINAIRE HANG FREE UNTIL ALL THE AIRCRAFT CABLES ARE SECURED AND EVENLY TENSIONED.
- KEEP HANDS AWAY FROM THE SILICONE DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.
- FIXTURE POWER CORD WIRES ARE LOW-VOLTAGE. DO NOT CONNECT TO LINE VOLTAGE OR DAMAGE TO THE FIXTURE WILL OCCUR AND WARRANTY WILL BE VOIDED.

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### GENERAL INFORMATION:

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

1. GLOWBALL LUMINAIRE with CORD attached. (Pre-assembled as shown in FIG. 2)
2. REMOTE DRIVER BOX WITH DRIVER INSTALLED (as shown in FIG. 3)
3. INSTALLATION INSTRUCTIONS (shown in FIG. 4) - Please completely read the install instructions before starting installation.
4. RED BAG (shown in FIG. 4)
  - a. CANOPY (shown in FIG. 5)
  - b. MOUNTING KIT (as shown in FIG. 6)
    - i. STRAIN RELIEF
    - ii. MOUNTING BRACKET ASSEMBLY
    - iii. FINIAL

**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.**

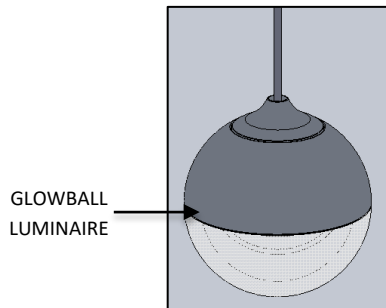


FIG. 2 GLOWBALL LUMINAIRE  
(PRE-ASSEMBLED)

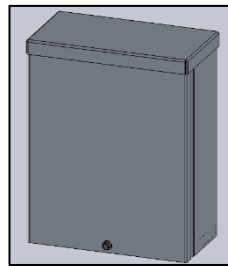


FIG. 3 - REMOTE DRIVER BOX  
WITH DRIVER INSTALLED

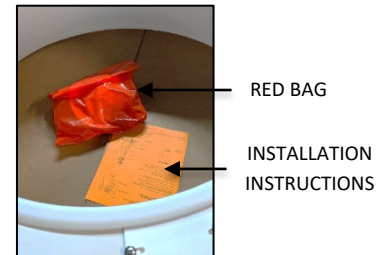


FIG. 4 RED BAG AND  
INSTALLATION INSTRUCTIONS

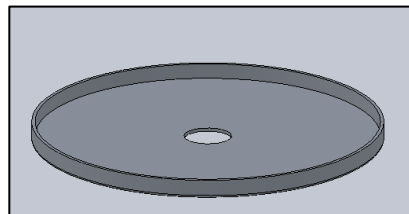


FIG. 5 CANOPY

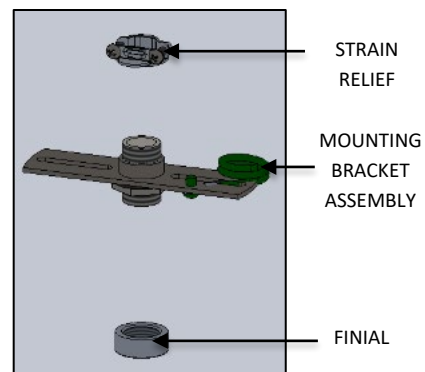


FIG. 6 MOUNTING KIT CONTENTS

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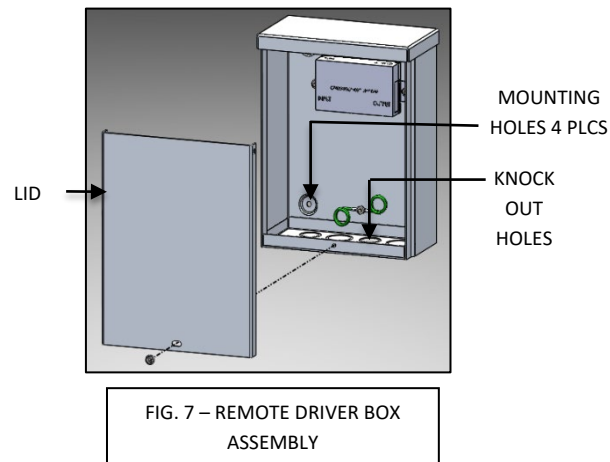
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### REMOTE DRIVER MOUNTING:

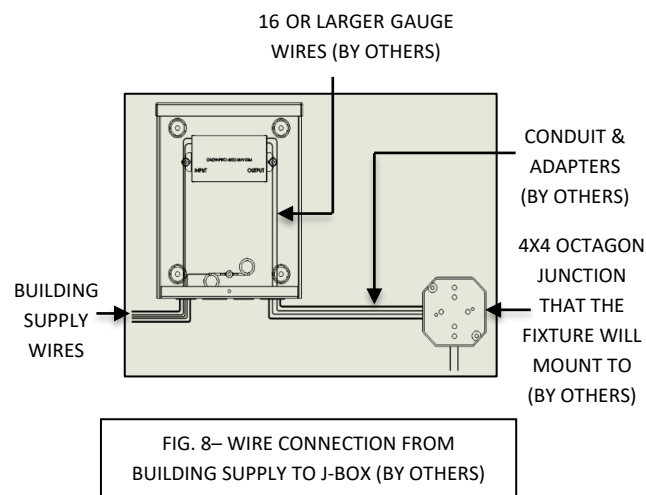
1. Shut off power.
2. Remove the lid of the REMOTE DRIVER HOUSING as shown in FIG. 7 below.



3. Mount the REMOTE DRIVER HOUSING to code in a location that is 30 feet or less from the FIXTURE BODY and is accessible after installing. Max wire length is 30ft measured from the FIXTURE BODY to the DRIVER.
4. Using the knockout holes at the bottom of the remote box, run conduit into the remote box for the building supply wires (line voltage) and conduit out of the remote box for the fixture wire (low voltage). Conduit, adapters and wires are supplied by other.

**NOTE: Do not run Line Voltage and Low Voltage wires in the same conduit.**

5. Run (1) set of positive and negative 16 or larger gauge wire (by others) from the REMOTE DRIVER HOUSING to the junction box the fixture will mount to (by others). Inside the REMOTE DRIVER HOUSING, connect:
  - Driver 1 LED output (+) and positive 16 or larger gauge wire (1<sup>st</sup> set).
  - Driver 1 LED output (-) and negative 16 or larger gauge wire (1<sup>st</sup> set).
  - Dimming wires as shown on the driver in FIG. 8 below.



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# GB1-P1JA-STATIC WHITE-INSTALLATION-INSTRUCTIONS

- Connect building supply wires to the driver. See WIRE DIAGRAM TABLE and WIRE DIAGRAM below and make all wire connections in accordance with the national electrical code and all applicable local and state codes. Install the lid on the remote driver housing once connections are done.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
GB1 (GLOWBALL)	P1JA	04"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 5

## WIRE DIAGRAM:

**DRIVER WIRES TO BUILDING SUPPLY**  
 BLACK WIRE = LINE VOLTAGE  
 WHITE WIRE = NEUTRAL  
 GREEN WIRE = GROUND  
 PURPLE = DIM +  
 GREY = DIM -

FIG. 9 – WIRE CONNECTION FROM  
 BUILDING SUPPLY TO DRIVER

**WIRE LABEL TABLE**

CONTROL	WIRE COLOR	LABEL
ALL	INSULATED(CORD)	LED(+)
ALL	BRAIDED(CORD)	LED(-)

FIG. 10 – WIRE CONNECTION FROM DRIVER TO  
 FIXTURE CORD

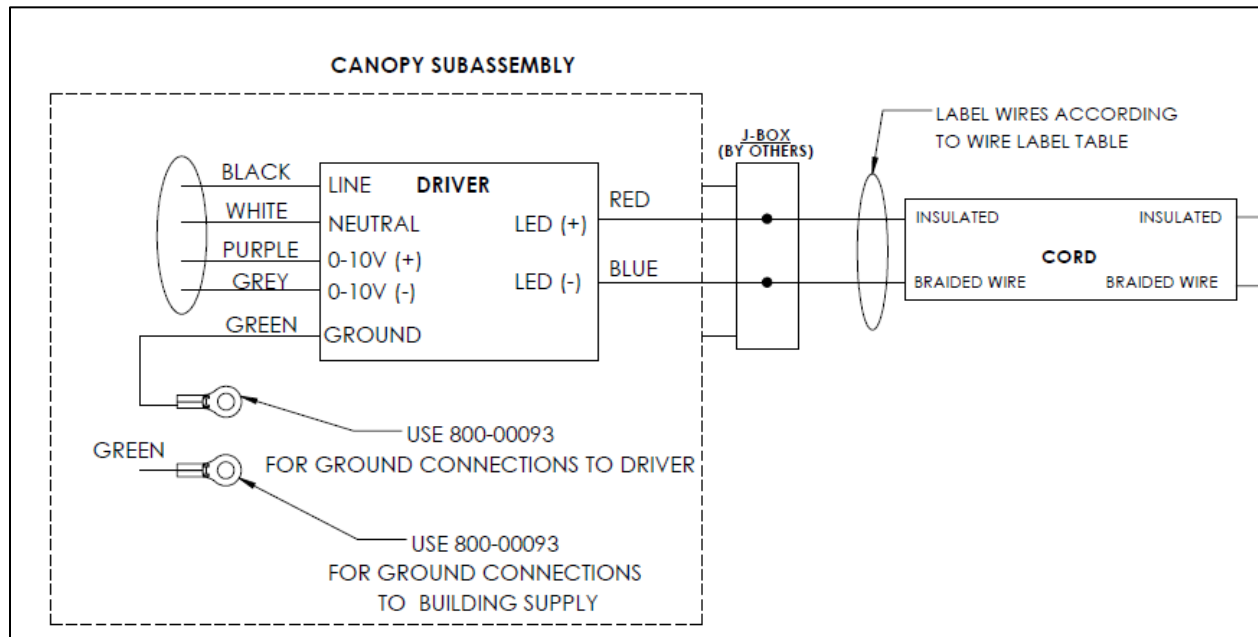


FIG. 11 – WIRE DIAGRAM

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### GLOWBALL MOUNTING [CANOPY]:

1. ATTACH MOUNTING BRACKET TO JUNCTION BOX (BY OTHER) as shown in FIG.12.
2. Raise the GLOWBALL FIXTURE as shown below in FIG. 13 to assemble to the MOUNTING BRACKET.

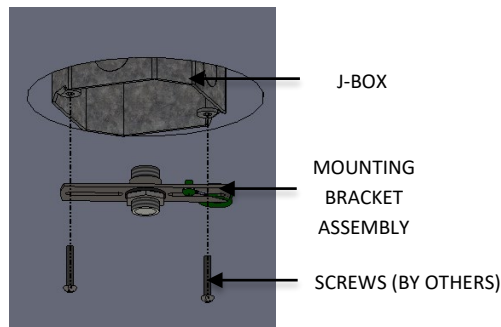


FIG. 12 – CORD INSTALLATION

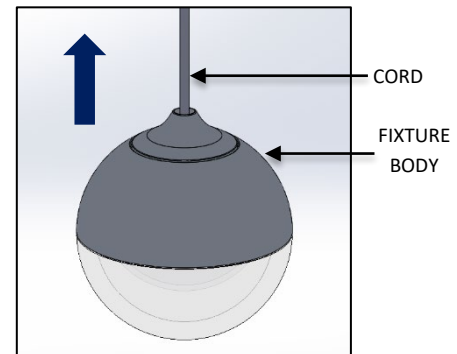


FIG. 13 – FIXTURE INSTALLATION

3. Insert CORD into CANOPY FINIAL (THREADS UP), CANOPY, AND MOUNTING BRACKET. Adjust fixture drop to desired height as shown below in FIG. 14.
4. Mark CORD with marker above the all-thread and Trim off excess cord leaving minimum of 8" past the Top of the all-thread as shown below in FIG. 15.

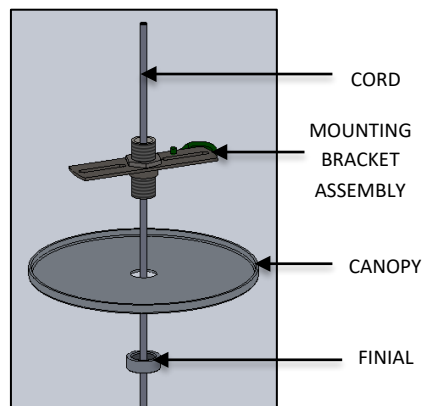


FIG. 14 – CORD INSTALLATION

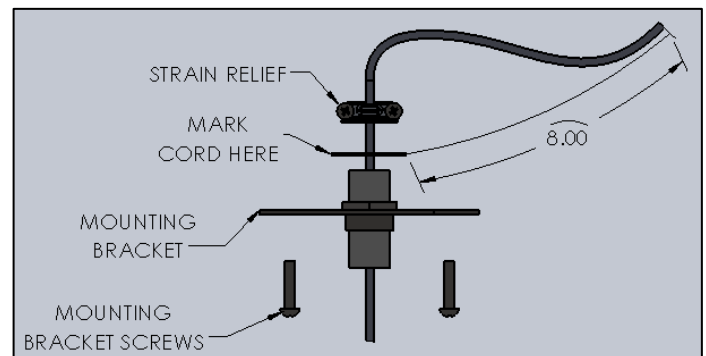


FIG. 15– CORD INSTALLATION TO J-BOX

5. Insert CORD through the STRAIN RELIEF and tighten two SCREWS on the STRAIN RELIEF above the all-thread where marked. If screws are not properly tightened CORD could slip; through the STRAIN RELIEF, causing the fixture to fall. see detail as shown in FIG.16.

Be sure to leave a minimum of 8.00" past the strain relief to allow for wire connections.

#### WARNING:



**Do not let the GLOWBALL LUMINAIRE hang free until CABLE is secured and evenly tensioned.**

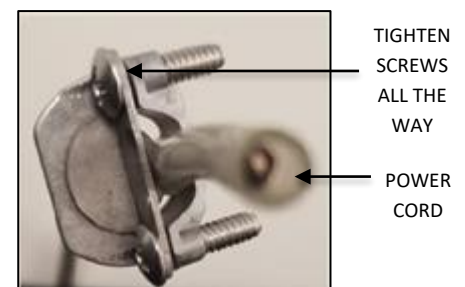


FIG. 16 – STRAIN RELIEF INSTALLATION

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6. Make all wire connections in the inside of the junction box (by others) in accordance with the national electrical code and all applicable local and state codes. See WIRE DIAGRAM on page 5 and instructions on how to shorten/install the cord on page 11.
7. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 17.

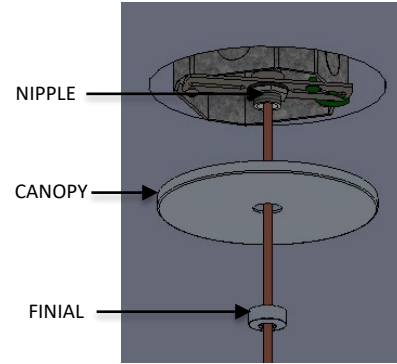


FIG. 17 – FINIAL ASSEMBLY

8. Restore power to circuit the GLOWBALL 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. 18 – COMPLETED INSTALLATION OF GLOWBALL PENDANT WITH  
P1JA HANGING SYSTEM  
GB1-P1JA-04-FS-XXX-LED1\_XXK-UNV-XXX-DM1

# CORD INSTALLATION INSTRUCTIONS:

1. Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 19 below. **Be careful not to cut or damage the outer metal braiding.** Gently push braiding down to loosen the individual braids exposing the inner insulated wire as shown in FIG. 20 below.

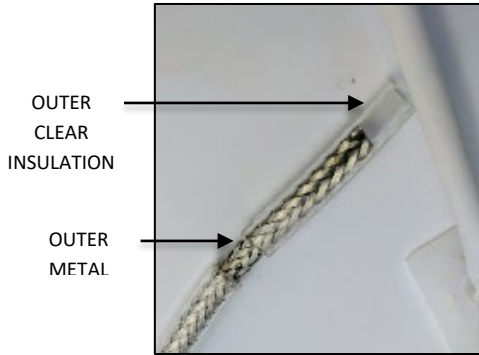


FIG. 19

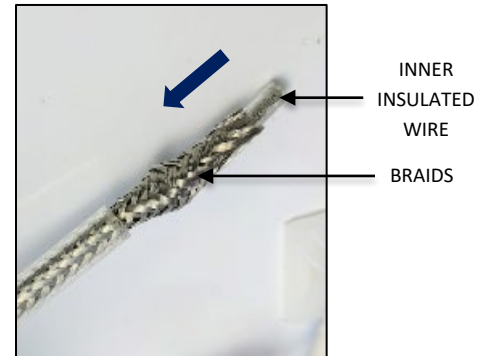


FIG. 20

2. Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 21 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 22 below.

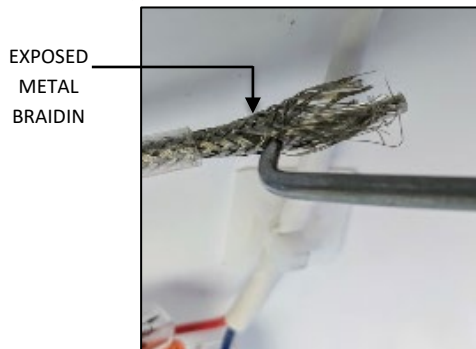


FIG. 21

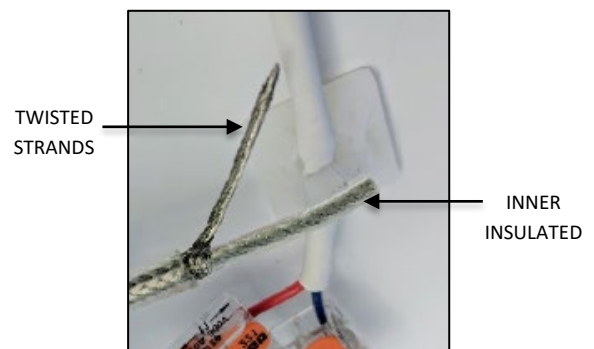


FIG. 22

3. Using electrical tape, insulate the twisted strands leaving 0.188" exposed for connections. Strip off 0.188" of the inner insulation as you normally would for 18AWG stranded core wire as shown in FIG. 23 below. Connect the inner insulated wire (+) to the positive 16 gauge or larger wire ran in step 5 at the hanging bracket and Connect the outer braiding (-) to the negative 16 gauge or larger wire ran in step 5 at the hanging bracket FIG. 24 below.

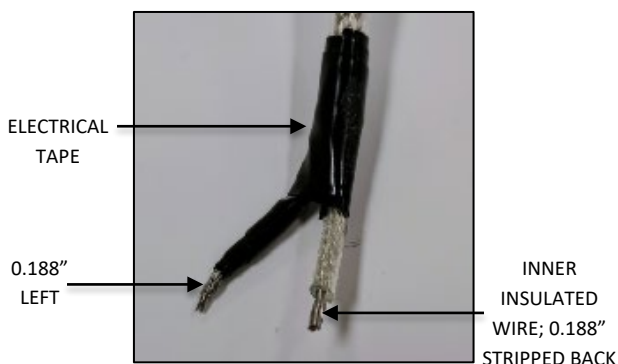


FIG. 23

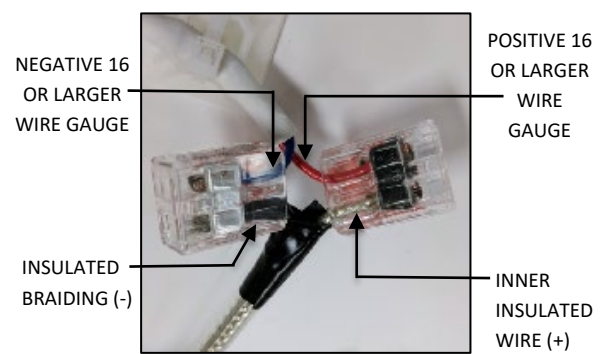


FIG. 24

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