



This product must be installed in accordance with applicable national and local electrical and construction codes by a person familiar with the construction and operation of the product and the hazards involved. Failure to comply with the following installation instructions may result in death or serious injury.

⚠ WARNING

SEPARATION OF FIELD INSTALLED POWER LIMITED CIRCUIT (DIMMING/CONTROL) WIRING FROM THE BRANCH CIRCUIT WIRING IN THE OUTLET BOX ARE TO BE MADE IN ACCORDANCE WITH LOCAL AND/OR NATIONAL ELECTRICAL INSTALLATION CODES.

⚠ WARNING

DISCONNECT POWER BEFORE INSTALLING OR SERVICING TO AVOID ELECTRICAL SHOCK.

⚠ WARNING

DO NOT EXCEED FIXTURE SPECIFIED VOLTAGE.

⚠ WARNING

MAXIMUM CABLE DIAMETER : #16-5 (TO FIT 1/2" NPT, PG16 OR 20MM STRAIN RELIEF, BY OTHERS).

⚠ WARNING

FIXTURE CORD SHOULD BE FED THROUGH THE TOP KNOCKOUT HOLE OF THE JBOX.

⚠ WARNING

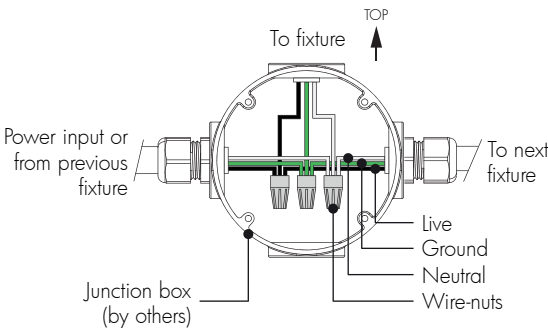
DO NOT USE IF FIXTURE, PARTS OR CONNECTORS ARE DAMAGED.

CAUTION

UNAUTHORIZED FIELD REPAIRS WILL VOID WARRANTY.

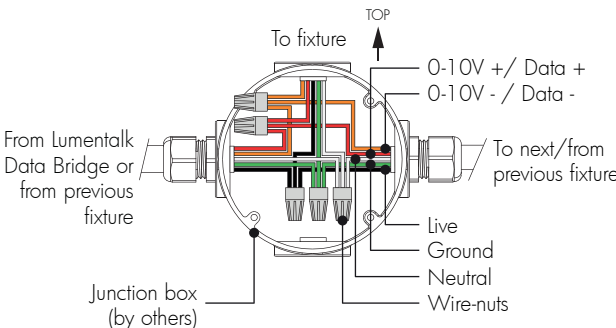
WIRING DIAGRAM AT JUNCTION BOX (BY OTHERS) - FOR UL OR CE OPTIONS

ON/OFF CONTROL



LUMENTALK
USING LUMENTALK DATA BRIDGE, DIM OR DMX

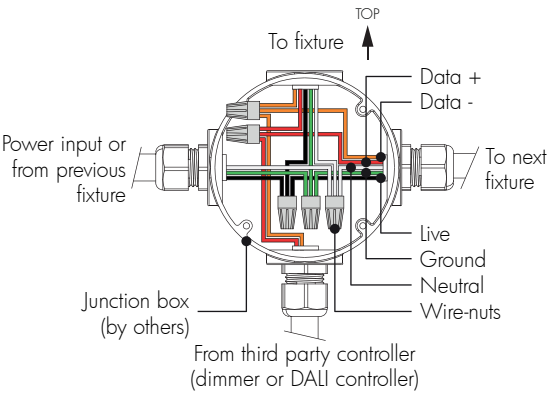
*see Lumentalk Data Bridge installation instructions for more details



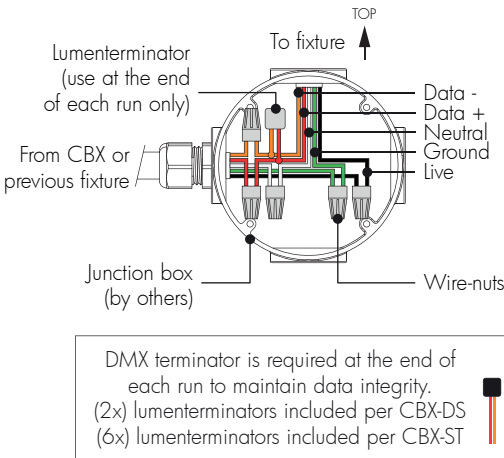
Wiring Color Code

UL Color Code	CE Color Code	USE
Green Black White Red/Purple Orange	Yellow/Green Brown Blue Black Grey	Ground Live 100-277V Neutral 0-10V / Data + 0-10V / Data -

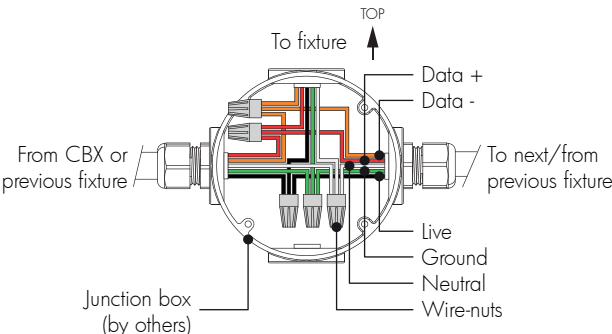
0-10V DIMMING
DALI DIMMING



DMX/RDM
STAR LAYOUT OR DAISY CHAIN LAYOUT END OF RUN

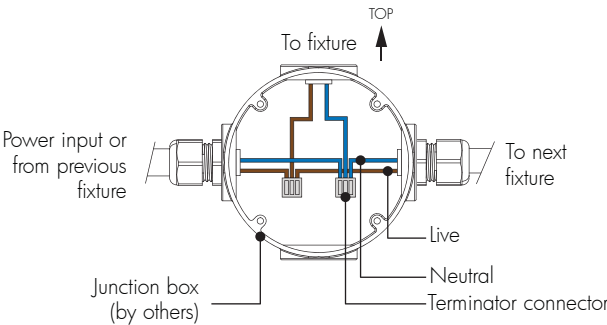


DMX/RDM
DAISY CHAIN LAYOUT (FIRST OR MIDDLE OF RUN)



WIRING DIAGRAM AT JUNCTION BOX (BY OTHERS) - FOR CE CLASS II OPTION

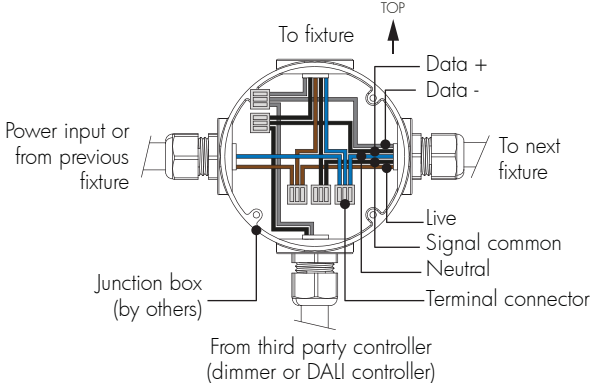
ON/OFF CONTROL



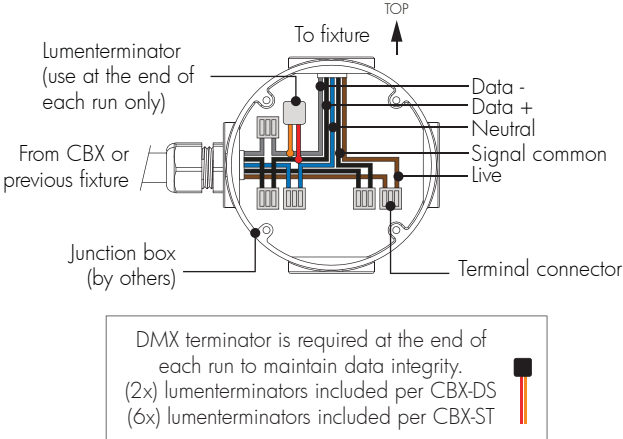
Wiring Color Code

CE CLASS II Color Code	USE
Brown Blue Black 1 Black 2 Grey	Live 100-277V Neutral Signal common (DMX/RDM only) 0-10V / Data + 0-10V / Data -

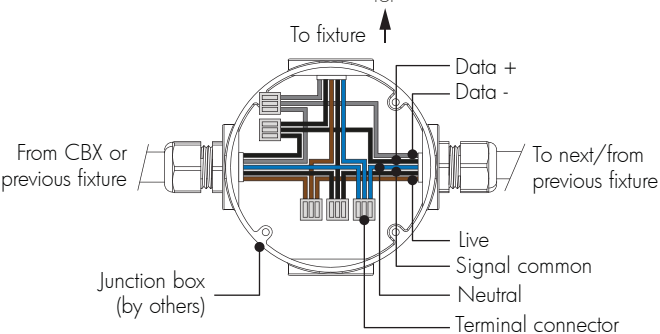
0-10V DIMMING
DALI DIMMING



DMX/RDM
STAR LAYOUT OR DAISY CHAIN LAYOUT END OF RUN



DMX/RDM
DAISY CHAIN LAYOUT (FIRST OR MIDDLE OF RUN)



DMX/Data Cable Specification

DMX Cable from Controller to CBX and CBX to CBX shall adhere to ANSI E1.11 – 2008 (r2013) – Entertainment Technology – USITT DMX512-A, Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories. At minimum DMX Cable shall be 1-Pair (24 AWG, 7x32 Stranding)Twisted (minimum of 4.8 twists/foot), Shielded, minimum of 100 ohms Impedance, and <25 pF/ft. Capacitance.

Combined Power & Data Cable Specification

Fixture cabling from CBX to Fixtures shall be installed per NEC and Local Codes. All cables shall be SOOW style cables with minimum of 16 AWG annealed stranded bare copper per ASTM B-174 with a minimum temperature range of -40°C to +90°C. All conductor standing must be a minimum of 26/30 and capable of handling 13 amps. Cable must be water resistant, UL Listed and CSA certified for indoor and outdoor use. Must be Ozone-sunlight (UV) and weather resistant.

NOTICE

RECORD THE LOCATION OF EACH FIXTURE BY SERIAL NUMBER TO PREPARE FOR THE COMMISSIONING PROCESS (DMX/RDM).

lumenbin™, a proprietary binning method, guarantees color temperature consistency within a 3-step MacAdam ellipse.

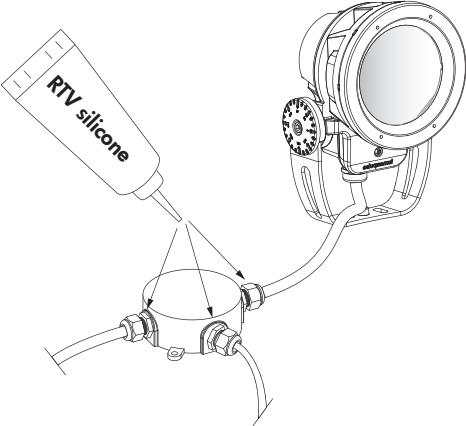
lumentalk™ lumennear™ Combine lumentranslator with Lumentalk-enabled luminaires housing Lumenpulse's proprietary lumeneur control card to build your Lumentalk system.



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SMALL
WHITE & STATIC COLORS
COLOR CHANGING
DYNAMIC WHITE

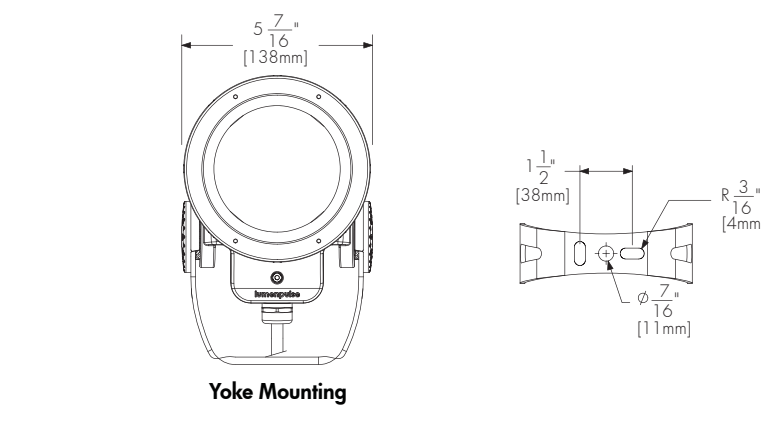
SEAL JUNCTION BOX



⚠ WARNING

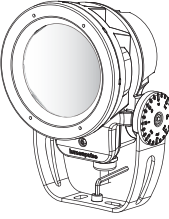
FOR WET LOCATION INSTALLATIONS, USE WEATHERPROOF JUNCTION BOXES AND SEAL ALL POSSIBLE WATER ENTRY POINTS AND COVERS USING RTV SILICONE. (SEALING COMPOUND AND JUNCTION BOXES BY OTHERS)

YOKE HOLE PATTERN



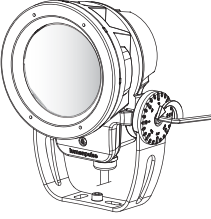
Yoke Mounting


SCREW ONTO MOUNTING SURFACE



Hardware to Fix Yoke to Mounting Surface	
FIXTURE	TYPE
Lumenbeam Small	3/8" or M10 bolt at center, min. 2x 1/4" or M6 bolts

LOOSEN SCREWS ON YOKE



2X 

HEX KEY SIZE: M5

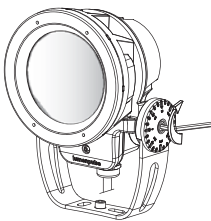
ADJUST BEAM ORIENTATION




⚠ CAUTION

DO NOT LOOK INTO BEAM.

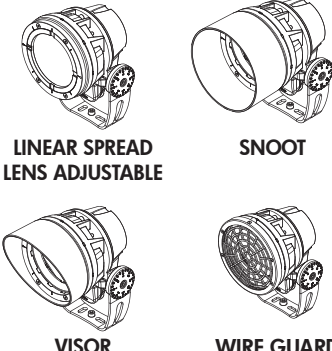
TIGHTEN SCREWS ON YOKE

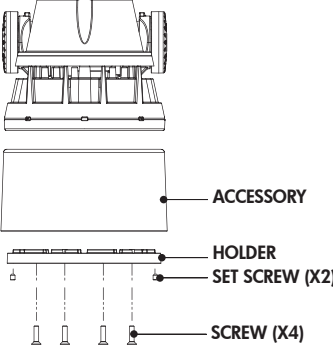


2X 

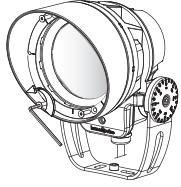
HEX KEY SIZE: M5

ACCESSORIES & INSTALLATION

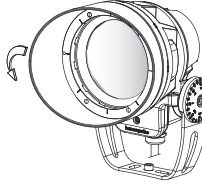




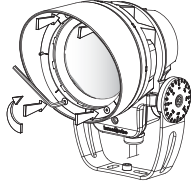
ACCESSORY ADJUSTMENT




REMOVE SCREWS FROM ACCESSORY (4X)



ADJUST ACCESSORY IN 90° INCREMENTS

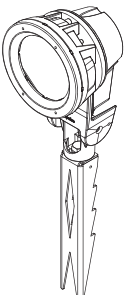


TIGHTEN SCREWS TO SECURE ASSEMBLY

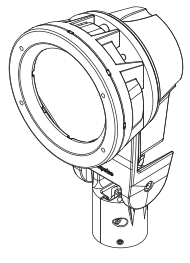
4X 

HEX KEY SIZE : M4

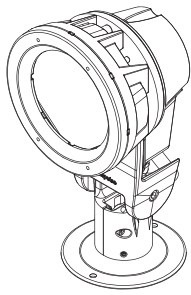
MOUNTING OPTIONS



SK STAKE



KN KNUCKLE
(Suitable for 1/2", 3/4" and 1" pipe diameter)

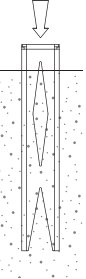


CN CANOPY COVER

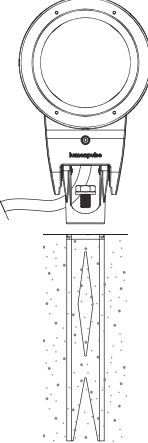
STAKE MOUNTING - AS DELIVERED



STAKE MOUNTING - INSTALLATION



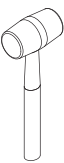
INSTALL STAKE IN THE GROUND USING A RUBBER Mallet.



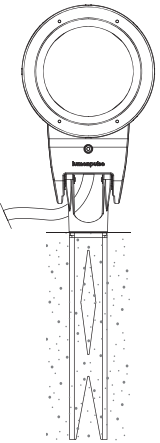
SECURE FIXTURE TO STAKE USING THE BOLT IN THE CENTER OF THE SPIKE (PROVIDED).

RECOMMENDED TORQUE:
300 lbf.in (34 N.m)

REQUIRED TOOL:
RUBBER Mallet



STAKE MOUNTING - AS INSTALLED



RECOMMENDED FOR GARDEN AND LANDSCAPE APPLICATIONS.

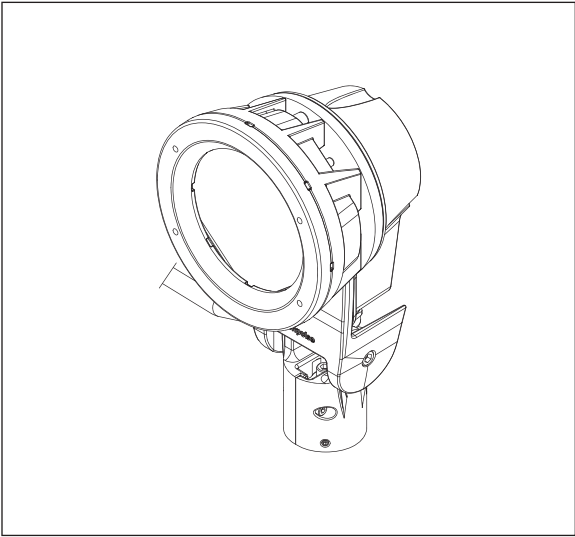
lumenbin™, a proprietary binning method, guarantees color temperature consistency within a 3-step MacAdam ellipse.
lumentalk™ lumenear™ Combine lumentranslator with Lumentalk-enabled luminaires housing Lumenpulse's proprietary lumenear control card to build your Lumentalk system.



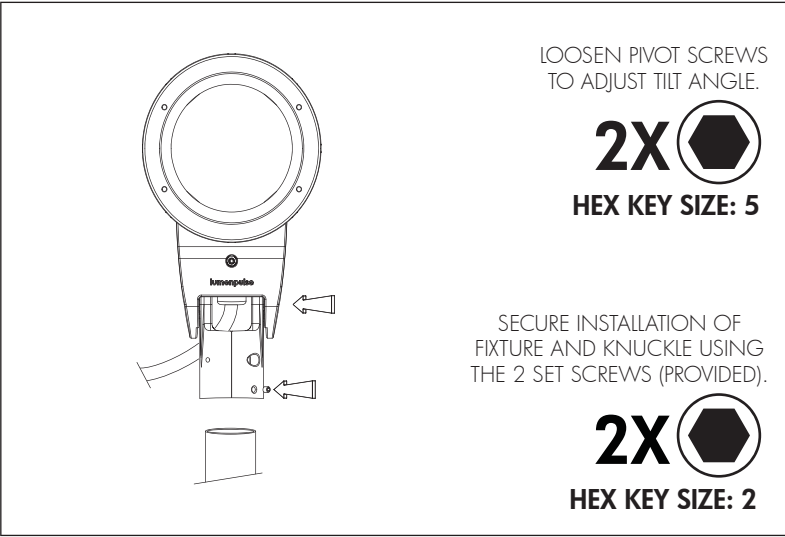
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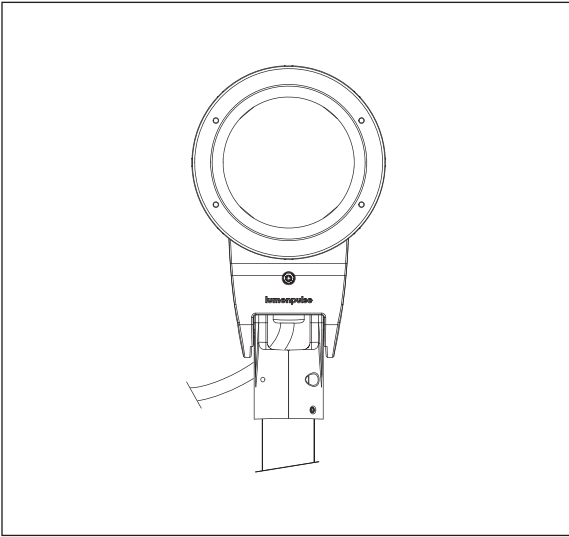
KNUCKLE MOUNTING - AS DELIVERED



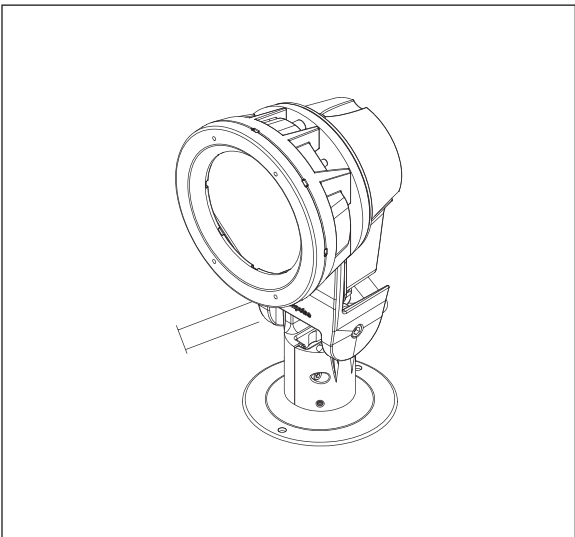
KNUCKLE MOUNTING - INSTALLATION



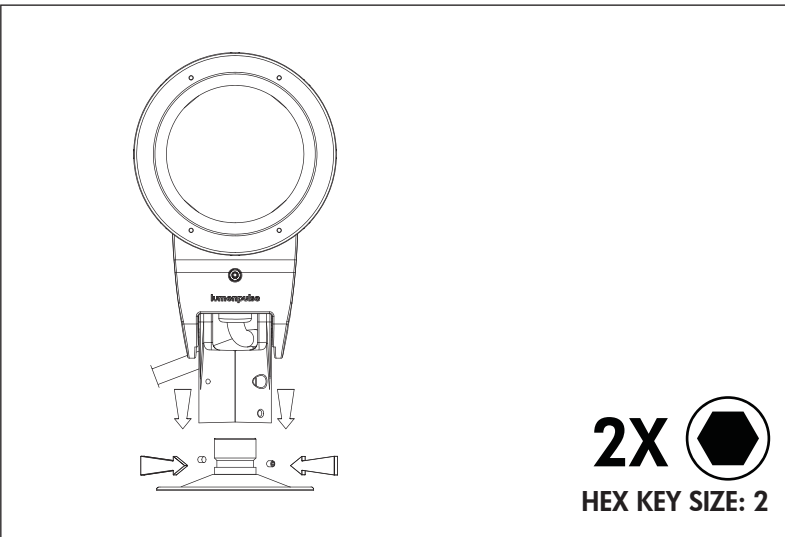
KNUCKLE MOUNTING - AS INSTALLED



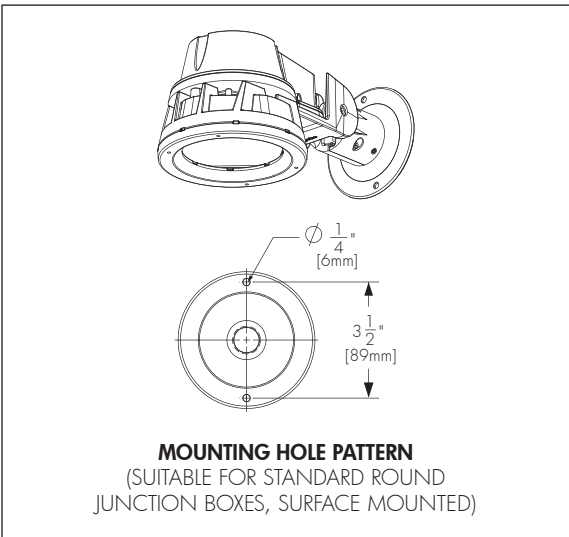
CANOPY MOUNTING - AS DELIVERED



CANOPY MOUNTING - COMPONENTS



CANOPY MOUNTING - AS INSTALLED



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