LED ROADWAY STREET LIGHT INSTALLATION GUIDE

Eurolumen

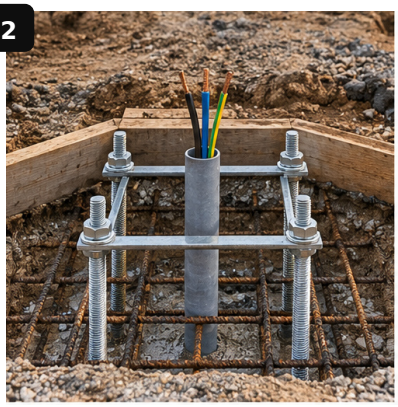
MODEL ELA053

OPEN-LOOP ROADWAY LUMINAIRE

1

VERIFY EXACT LUMINAIRE / 10 m POLE / FOUR-BOLT BASE / HARDWARE

2



FORM ENGINEERED FOUNDATION / SET LEVEL ANCHOR CAGE + CONDUIT

3

ROUTE CABLE / SEAT EXACT LUMINAIRE / TIGHTEN BOTH CLAMPS

4

CRANE-LIFT COMPLETE POLE / ALIGN BASE FLANGE TO FOUR ANCHORS

5

PLUMB / TORQUE FOUR NUTS / CONNECT L-N-PE + FUSE / SPD

6

POWER ON / COMMISSION / VERIFY ROADWAY OUTPUT AND STABILITY

10 m POLE MOUNTING + POWER SEQUENCE

FOUNDATION (ENGINEER-DESIGNED) → **4-BOLT CAGE** (LEVEL + TRUE PCD) → **GROUND ASSEMBLY** (CABLE + LUMINAIRE) → **CRANE / BASE** (PLUMB + TORQUE)

1. Foundation, reinforcement and anchor design must suit the 10 m pole, soil, luminaire area and local wind load.
2. Set the actual four-bolt anchor cage level and to the pole flange pattern; protect threads during concrete work.
3. Feed the cable and assemble the exact model-specific luminaire at ground level before any mechanical lifting.
4. Use a rated crane and sling, maintain an exclusion zone, plumb the pole, then torque all base nuts in sequence.

VERIFY FOUNDATION, LIFT PLAN, FOUR ANCHORS, POLE PLUMB, EARTH, SPD, TORQUE AND ACCESS COVER.

ELA053 INSTALLATION DATA

LUMINAIRE SIZE	578 x 228 mm
NOMINAL POLE	APPROX. 10,000 mm
POWER OPTIONS	30 / 50 / 60 W
INPUT / CONTROL	220 V AC / ON-OFF
CCT / CRI	2700-6500 K / CRI 70
OPTICAL FACE	LINEAR LED ARRAY / OPEN FRAME
HOUSING	DIE-CAST ALUMINUM + GLASS

Installation must be performed by qualified personnel under an approved lifting and traffic-management plan.

Confirm model, pole and spigot compatibility, voltage, cable route, foundation design and buried services first.

Connect protective earth and project-specified fuse and surge protection; maintain sealed glands and access cover.

Commission only after structural and electrical checks; retain torque records and foundation calculations.

WARNING

- ISOLATE POWER; NEVER WORK BENEATH A SUSPENDED OR PARTIALLY SECURED POLE.
- USE A RATED CRANE, EXCLUSION ZONE, QUALIFIED RIGGER AND PROJECT-APPROVED FOUNDATION.

CE PE OUTDOOR