

# LED PLANT FLOODLIGHT INSTALLATION GUIDE

Eurolumen

MODEL ELA01

45 W SINGLE-COB HORTICULTURAL FLOODLIGHT

1



VERIFY ELA01 / SINGLE COB / ACTUAL 3-SLOT U-BRACKET

2



POSITION ACTUAL BASE / MARK 3 ANCHORS + CABLE ROUTE

3



DRILL 3 ANCHORS / PREPARE SMALL SEALED CONDUIT ENTRY

4



ROUTE 36 V + DMX CABLE / FASTEN ALL 3 BASE ANCHORS

5



AIM AT PLANT CANOPY / TIGHTEN BOTH PIVOT BOLTS

6



POWER ON / COMMISSION / VERIFY 60-DEG. PLANT BEAM

PLANT LIGHT POWER + CONTROL SEQUENCE

36 V DC + DMX

REMOTE DRIVER / CONTROL

→

SEALED CONDUIT

ACCESSIBLE ROUTE

→

IP-RATED JOINT

FOLLOW WIRING PLAN

→

ELA01 U-BRACKET

3-SLOT BASE PLATE

1. Use the actual three-slot bottom plate as the drilling template; do not substitute a generic base.

2. Provide a level structural plinth and corrosion-resistant anchors suitable for the substrate.

3. Use the specified 36 V DC driver and DMX control wiring; never connect this fixture directly to mains.

4. Keep every cable joint in an accessible, sealed enclosure and retain a service loop for aiming.

VERIFY 36 V POLARITY, DMX WIRING, GLANDS, 3 ANCHORS AND BOTH PIVOTS BEFORE POWER ON.

ELA01 INSTALLATION DATA

|                |                                  |
|----------------|----------------------------------|
| OPTICAL FACE   | D190 / SINGLE COB                |
| OVERALL SIZE   | 195 W x 250 H x 120 D mm         |
| BOTTOM PLATE   | 150 x 89 x 8 mm                  |
| ANCHOR PATTERN | 3 ELONGATED SLOTS / 48 mm PITCH  |
| POWER / INPUT  | 45 W / 36 V DC                   |
| CONTROL        | DMX512 / PROJECT WIRING SCHEDULE |
| OUTPUT         | 60 DEG. HORTICULTURAL BEAM       |



Installation must be performed by qualified personnel using the specified driver, controls and fixings.

Confirm model, voltage, bracket geometry, anchor pattern, cable route and hidden services before drilling.

Keep the optical face clean and unobstructed; provide drainage and ventilation around the housing.

Aim only after the base is secure, then tighten both pivots evenly and retain this guide for maintenance.



WARNING

- ISOLATE POWER AND CONTROL CIRCUITS BEFORE INSTALLATION OR SERVICE.

- VERIFY ANCHORS, EARTH, SEALS, AIMING CLEARANCE AND CABLE STRAIN RELIEF.

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PE OUTDOOR