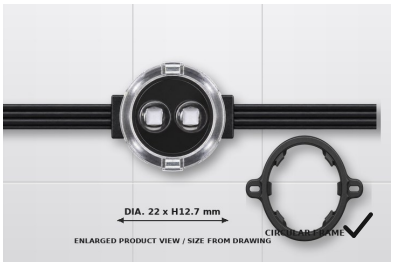
LED PIXEL POINT LIGHT INSTALLATION GUIDE

Eurolumen

MODEL ELA203

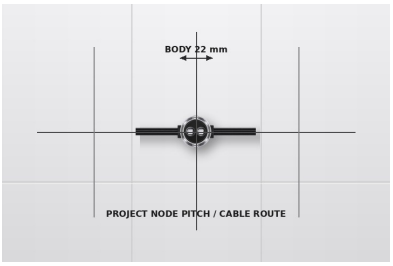
24 V OUTDOOR DMX PIXEL LIGHT - IP67

1



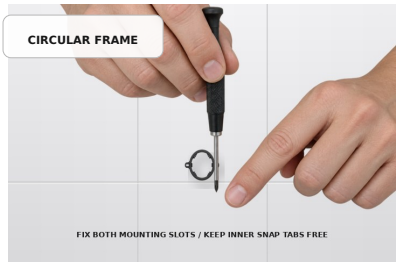
CHECK POINT LIGHT / CIRCULAR FRAME / RIBBON CABLE

2



MARK CENTERLINE / SET PROJECT NODE SPACING

3

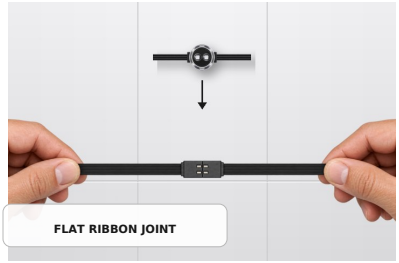


FIX CIRCULAR SNAP-IN MOUNTING FRAME

4

ALIGN POINT LIGHT / PRESS INTO FRAME / CONFIRM SNAP

5



CONNECT FLAT 4-CORE RIBBON CABLE / SEAL

6

CHECK SEALS / POLARITY / ADDRESS / TEST

24 V DC / DMX512 CONNECTION

AC MAINS	→	SELV POWER SUPPLY	→	CONTROL INTERFACE	→	ELA203 NODE CHAIN
PROJECT SUPPLY		24 V DC OUTPUT		DMX512 / ON-OFF		0.5 W EACH

FLAT 4-CORE RIBBON CABLE: +24 V / 0 V / DMX+ / DMX- - CONFIRM PRODUCT LABEL AND PROJECT WIRING.

1. Isolate the mains input and 24 V output before installing, connecting or servicing the nodes.
2. Use only a compatible Class III SELV 24 V DC power supply; calculate total load and voltage drop.
3. Where supplied as shown: red +24 V, black 0 V, blue DMX+, white DMX-; verify before connection.
4. Connect nodes in project order and follow the controller addressing, quantity and termination limits.
5. Use IP-rated outdoor joints and end seals; provide drainage and keep connections out of standing water.

KEEP EVERY FACTORY HOUSING, CABLE ENTRY, CONNECTOR AND END SEAL INTACT.

OUTDOOR PIXEL POINT LIGHT DATA

MOUNTING	CIRCULAR SNAP-IN MOUNTING FRAME
NOMINAL SIZE	DIA. 22 x H12.7 mm
INPUT / POWER	24 V DC / 0.5 W
BEAM / CRI	120 DEG. / Ra 80
CCT / COLOR	2700 / 3000 / 4000 K / RGB
CONTROL	DMX512 / ON-OFF
PROTECTION	IP67 / CLASS III / V-0 / ANTI-UV
FINISH / LIFE	BLACK / PC / 50,000 h / 5 YEARS

Installation and commissioning must be performed under the guidance of qualified technical personnel.

Confirm substrate strength, node spacing, cable route, addressing and power-feed positions before drilling.

IP67 protection depends on intact factory seals and correctly rated outdoor joints; do not open the housing.

Provide service access, drainage and drip loops; do not paint over or cover the optical diffuser.

WARNING

- DO NOT CONNECT THE ELA203 DIRECTLY TO AC MAINS.

- DO NOT CUT, OPEN OR DAMAGE THE FACTORY-SEALED HOUSING OR CABLE ENTRY.

- ISOLATE POWER AND USE IP-RATED OUTDOOR CONNECTORS FOR EVERY FIELD JOINT.

!

CE **DMX** **IP67** **III** **SEE LABEL**