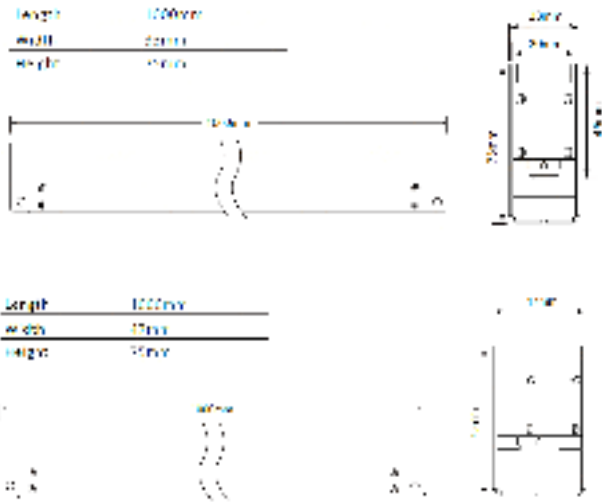
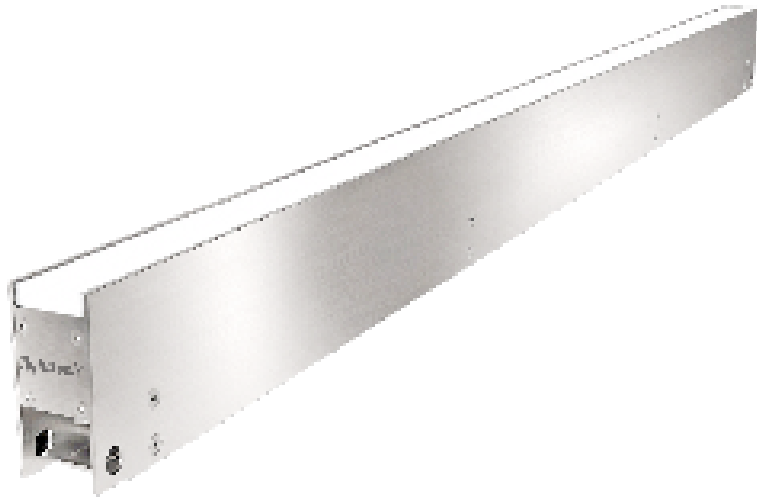


IP67

IK09



Product Description

The LOXA Linear Inground Wallwasher features multiple wattage options up to 24W with color temperatures available in 3000K, 4000K, and RGBWW, delivering a wide 120° beam angle and a rated lifespan of 30,000 hours. Built for demanding environments, it features a durable anodized extruded 6063 aluminum housing, clear or frosted tempered glass lens, stainless steel hardware, and silicone gasket. Electrical parameters include a DC24V input voltage, a luminaire efficacy of 40 lm/W, and dimmable control options via DMX or DALI. Superior environmental resilience is provided through IP67 water/dust ingress protection, an IK09 impact rating, and an operating temperature range of -20°C to 50°C. Suitable for diverse architectural applications, it is designed for deployment across commercial buildings, residential villas, office complexes, and landscape parks.

Lamp

Light Source	: LED
CRI	: >80
Rated Life	: 30,000 HRs
Wattage	: 10W 12W 15W 18W 24W
Beam Angle	: 120°
CCT	: 3000K 4000K RGBWW

Body

Color	: Silver
Housing Material	: Extruded Aluminium 6063
Lens Material	: Clear or frosted tempered Glass
Hardware Material	: Stainless steel
Gasket Material	: Silicone
Surface Finish	: Anodized Oxidation

Length	: 300 mm 500 mm 1000 mm 1200mm 1500 mm
Width	: 33 mm 47 mm
Height	: 75 mm 75 mm

Electric

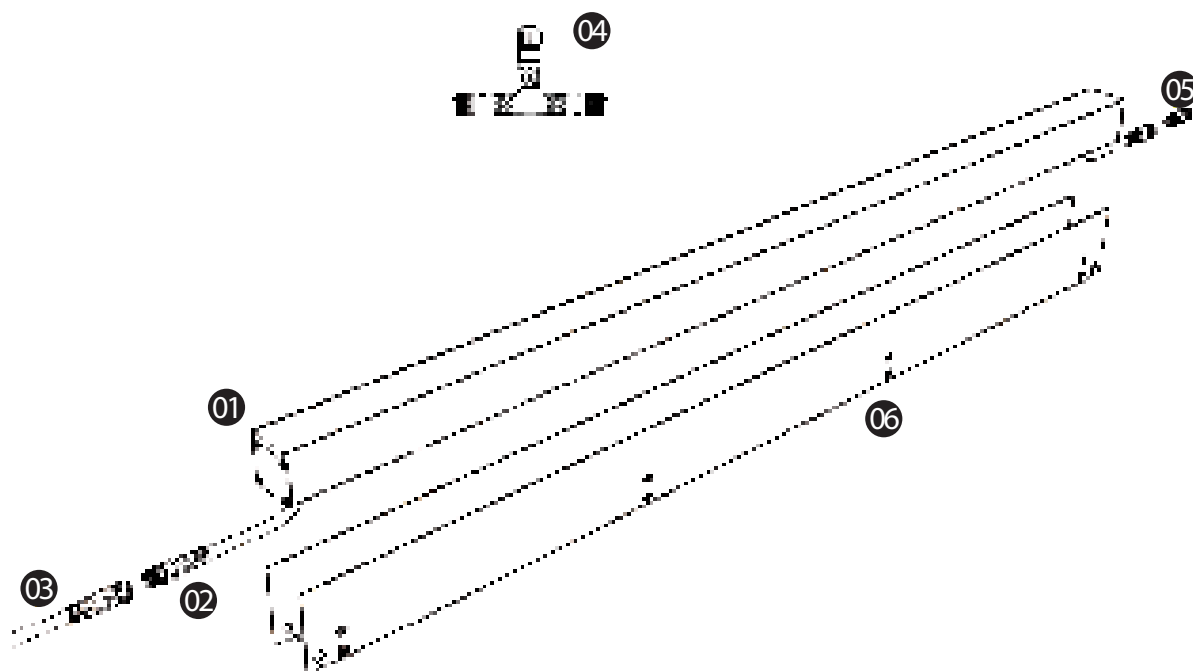
Voltage	: DC24V
Luminaire Efficacy	: 40 lm/W

Other

Protection	: IP67
IK rating	: IK09
Dimmable Option	: DMX DALI
Operating Temperature	: -20° C to 50° C



ACCESORIES



01 Light Body

02 Joiner

03 Cables

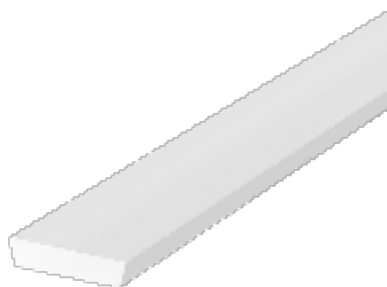
04 T-connector

05 Cap Terminal

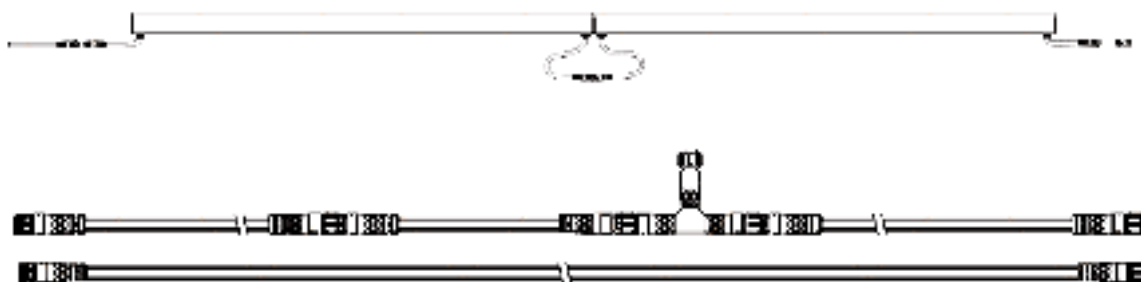
06 Sleeve

GLARE OPTION

FROSTED GLASS



CABLES & JOINER



LENGTH: 50cm to 100cm (available in 50cm increments) or 100cm;

CABLE COLOR: black or white (connectors are the same color as the specified cable color).
Suitable for dimming/data and non-dimming applications.

Connector



Power cable



T-Connector



Cap terminal



INSTALLATION INFORMATION

The DC&DMX Leader Cable (A) connects to the first Luminaire Input (B) via an IP68 quick connector. The total power of one loop should not exceed 80% of the power supply watt.

The output (C) of the previous luminaire will connect to the Input of the next luminaire. At the end of the run the luminaire chain has to be terminated with a Terminator (E).

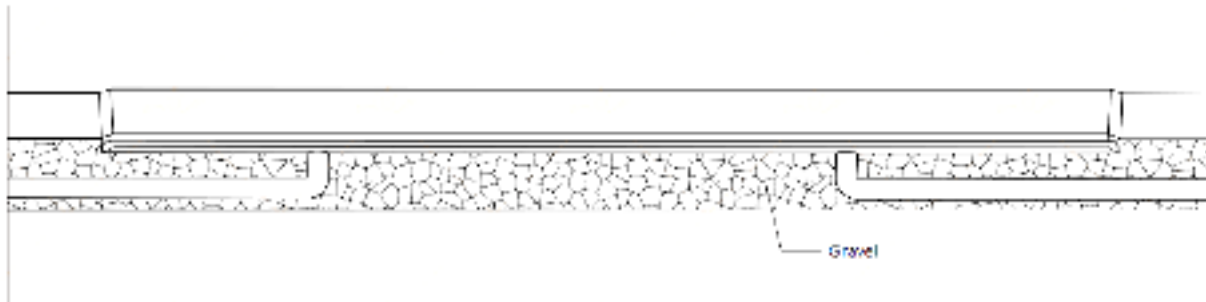
Mounting Brackets and Cable Holders need to be attached to the luminaires before mounting. It is recommended installers use two 316 stainless steel screws per Mounting Bracket to secure the luminaire to the substrate

- Ⓐ Pre-embedded Cable
- Ⓑ DC&DMX Luminaire Input
- Ⓒ DC&DMX Luminaire Output
- Ⓓ Pre-embedded Sleeve
- Ⓔ Spring clip



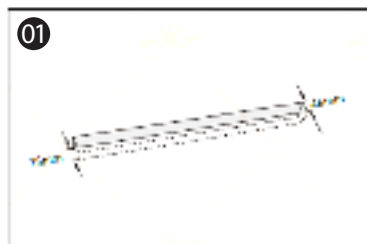
MOUNTING LINEAR INGROUND LIGHT

Step 1 Laying Cables and Drainage Setup

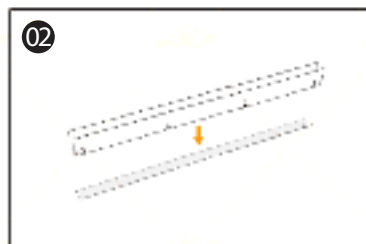


According to the project design requirements, lay electrical cables at the designated light installation positions. Set up a drainage pipe or other drainage facilities to prevent water accumulation around the light fixture.

Step 2 Pre-embedded Sleeve Installation



Cut a groove at the designated installation position for the light fixture, based on the size of the light.

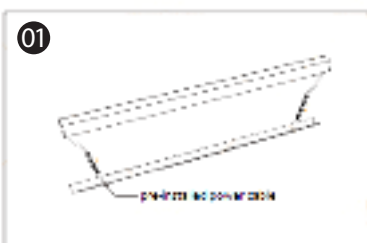


Position the pre-embedded sleeve horizontally into the groove.

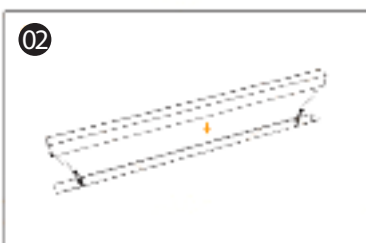


Ensure the sleeve is flush with the concrete or gravel.

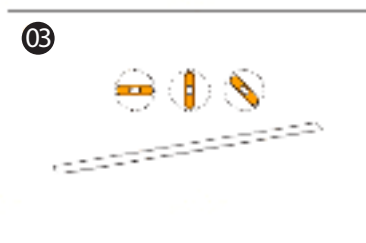
Step 3 Light Fixture Installation



Connect the light fixture to the pre-installed power cable and wrap the connection with outdoor waterproof tape.



Place the fixture into the pre-embedded sleeve. Press both ends of the fixture until the spring clips lock it into place.



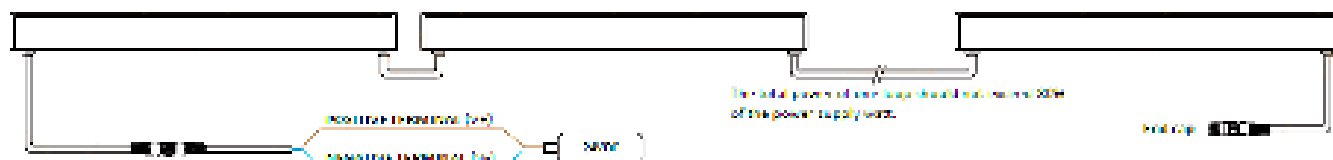
Ensure the fixture is securely fixed and aligned, with the light positioned horizontally.

Notes: Ensure that the male and female ends of the power and signal cables are tightly secured with locking nuts. After locking, wrap the connection point with waterproof insulation tape, then further wrap it with electrical tape. This double layer of protection ensures the waterproof rating reaches IP67.

Power Supply and Electrical Installation (DC)

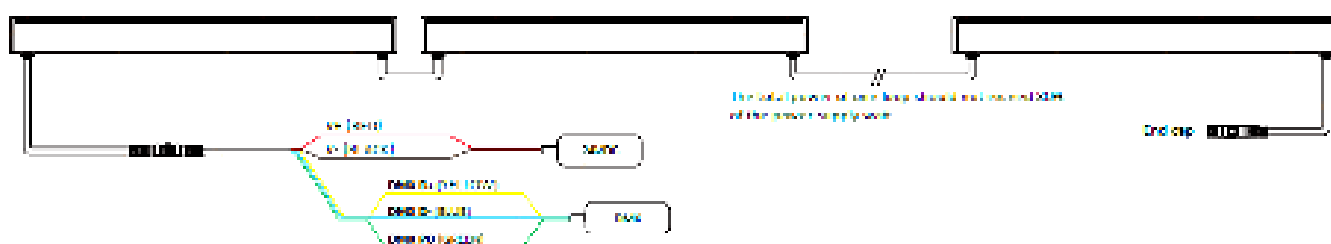
Single-color Constant Lighting Wiring Diagram (24V/DC):

In this setup, the light connects directly to the power supply. The power of a DC circuit is not more than 80% of the power supply watt. No additional control is required as it is a constant-on setup.

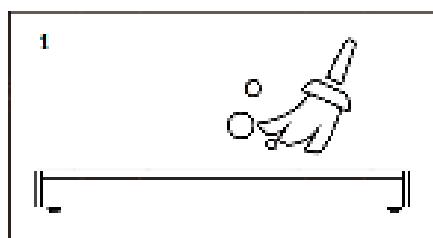


DMX512 Wiring Diagram (24V/DC):

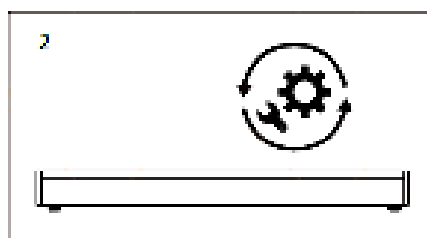
This connects the power line to the light fixture as described. The signal cable (3 wires for DMX, typically ground, data+, data-) is connected from the controller's output to the fixture's DMX input (IN port). Multiple lights can be daisy-chained by connecting the DMX OUT of one fixture to the DMX IN of the next. Terminate the last fixture in the chain with a DMX terminator (120Ω resistor) to avoid signal reflection.



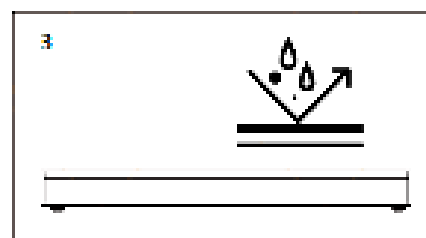
Maintenance and Care



Cleaning and Inspection: Regularly clean dust and debris, check the light housing and wiring.



Replacement of Parts: If necessary, replace light sources or power supply components with manufacturer approved parts.



Waterproofing: Periodically check waterproof joints and seals to ensure proper sealing.

LOXA

Linear Inground Wallwasher

Lightronic®

