

## Eter

### TECHNOLOGY



#### Flow Sense

A built-in protector against power-related issues, ensuring lasting performance and safety.



#### Split & Seal

Uses protective polymers to shield Filix products from water and moisture, boosting durability and resilience.



#### Heat Sense

Automatically reduces LED power at high temperatures, ensuring longevity and safety in Filix products.





## Eter

Specification Sheet



UL STD 1598  
IP67

### LUMINAIRE FEATURES

#### Design and Application

- Facade and architectural lighting applications
- Recessed linear wallwash linear

#### Mechanical details

- IK10 crystal-clear tempered glass, 10mm (0.39") thick
- IP67, rated for temporary submersion (30 min) in water up to 1m
- Drive-over rated for 1500 kg (3300 lbs)
- AISI304L stainless steel body
- Supplied with oil and water resistant feed cable as standard
- Recessed press-fit installation
- Equipotential bonding point available with stainless steel housing

#### Electrical details

- LED Lifetime TM-21 @ 85°C  
L90(9K) = 60,000 hours
- Operating temperature: -20°C (-28°F) to +50°C (122°F)
- LED CRI: >85
- 2 step MacAdam
- Remote power supply
- Safety Class III

#### Sustainability

- Recyclable materials

#### Controls

- DMX, with compatible LED power supply
- DALI, with compatible LED power supply
- 0-10V, with compatible LED power supply
- Mains, with compatible LED power supply

#### Integrated systems

- Split & Seal
- Flow Sense
- Heat Sense

#### Links & Downloads

- [List of available drivers](#)
- [Voltage drop calculator](#)
- [Fixture installation manual](#)
- [Housing installation manual](#)
- [CAD files](#)
- [IES-LTD data](#)



## Eter

### ORDERING INFORMATION

#### MODEL

ET

#### LENGTH

- 170 • 170 - 170mm (6,7")
- 320 • 320 - 320mm (12,6")
- 620 • 620 - 620mm (24,4")
- 1220 • 1220 - 1220mm (48,2")

#### POWER

- H • H - 23W/m, 2700K - 3000K, 920 lm/m

#### COLOR TEMP.

- 27 • 27 - 2700K
- 30 • 30 - 3000K

#### OPTICS

- WW • WW - Wallwash 90°x70° tilt 28°

#### VOLTAGE

- 24 • 24 - 24VDC fixture voltage

#### CABLE LENGTH

#### OPTIONS

- C • C - Standard cable length: luminaire length + 0.1m (0,32")
- 3 • 3 - luminaire supplied with 3m (10') feed cable
- 6 • 6 - luminaire supplied with 6m (20') feed cable
- 9 • 9 - luminaire supplied with 9m (30') feed cable
- 20 • 20 - luminaire supplied with 20m (65') feed cable



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### MANDATORY ACCESSORIES

#### Housings

##### HOUSING

LIN174

- LIN174 - Installation housing of Eter 170

LIN324

- LIN324 - Installation housing of Eter 320

LIN624

- LIN624 - Installation housing of Eter 620

LIN1224

- LIN1224 - Installation housing of Eter 1220

#### Power supplies

##### DRIVERS

[LINK](#)

- [List of available drivers](#)

### OPTIONAL ACCESSORIES

200886

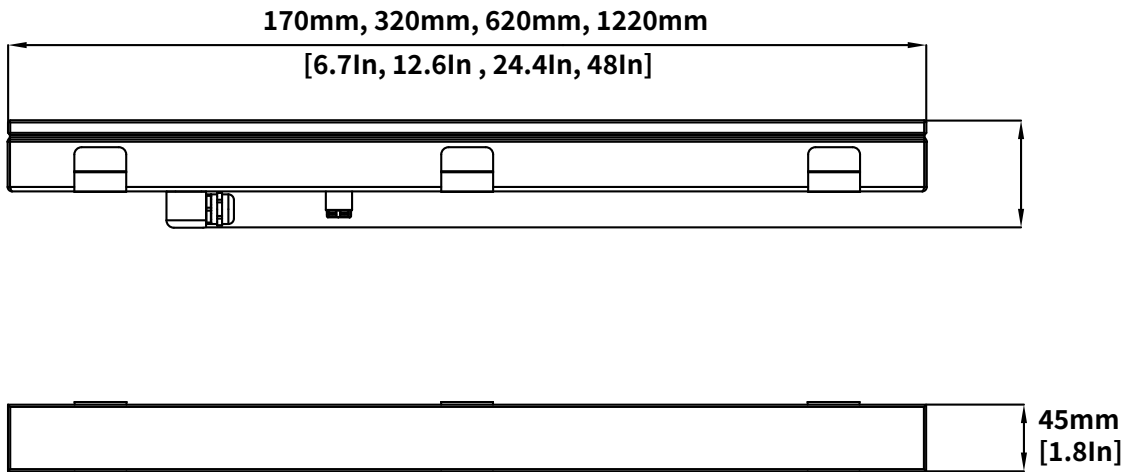
- Removal tool



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### INSTALLATION DETAILS

#### Fixture



Standard luminaires are supplied with pre-installed cables, allowing seamless linear connection. A 5 mm [0.2"] gap between units is required to compensate for material expansion.

To achieve a continuous lighting effect, the maximum distance between luminaires should not exceed 130 mm [5.1"]. For effective wall illumination up to 3 m [10'] in height, the luminaire should be installed at a distance of 300 mm [11.8"] from the wall.



Note:  
For details on specific depths, tiling thickness and other please refer to both Installation instructions for fixture and housing.

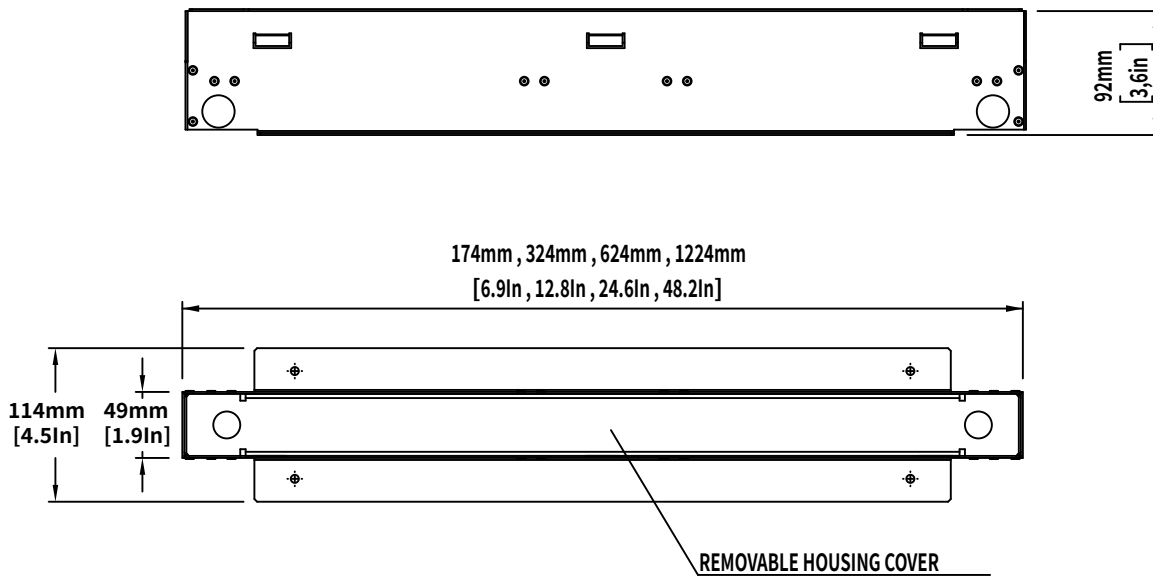


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## INSTALLATION DETAILS

### Housings

LIN 174, 324, 624, 1224 installation housing



Note:  
For details on specific depths, tiling thickness and other please refer to both Installation instructions for fixture and housing.



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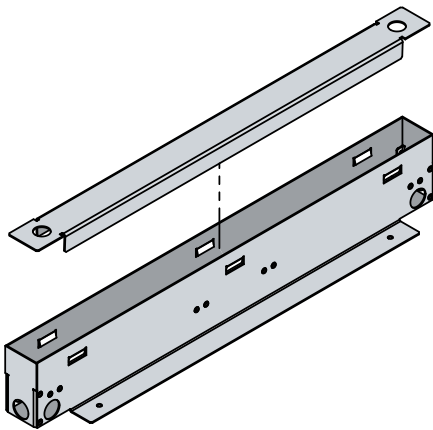
### MANDATORY ACCESSORIES

#### Metal installation housing

Used for installation of single luminaire. Manufactured from formed metal sheet, the housing provides high mechanical strength and structural rigidity. Integration of the luminaire is achieved with a precision press-fit system, without exposed hardware.

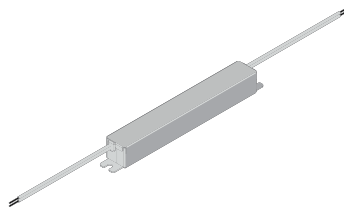
Standard features include an open bottom to facilitate efficient drainage and side knockout holes for simplified cable routing, supporting a streamlined installation process.

Contractors are advised to review the installation instructions carefully to ensure correct and compliant installation.



#### Power supply

A LED power supply, is an electrical device designed to control the power supplied to an LED or an array of LEDs. It plays a critical role in LED lighting systems as LEDs demand a specific type and level of electrical current or voltage for optimal operation. It's important to note whether a constant current or constant voltage LED power supply is required. The power supply should be installed in a dry and easily accessible area.



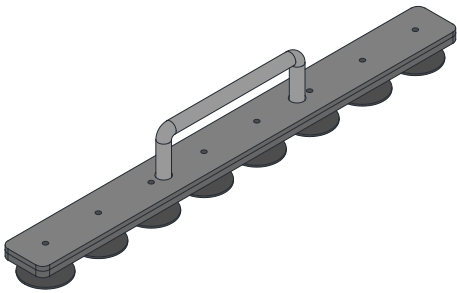


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### OPTIONAL ACCESSORIES

#### Removal tool

Equipped with a specialized suction mechanism, it securely adheres to glass surfaces, ensuring safe and precise lifting and handling operations. This tool is essential for various applications where a reliable and controlled grip is paramount, promoting efficiency and workplace safety.





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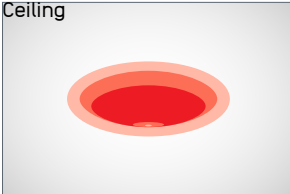
### OPTICS

#### Wallwash

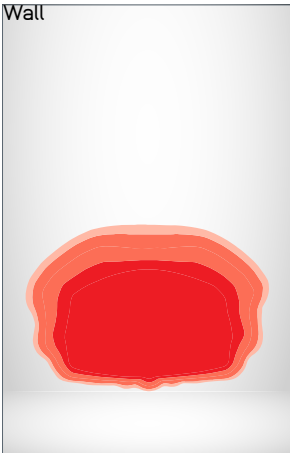
Angle: 90°x70° - tilt 28°

Delivered lumen: 920lm/W

Ceiling



Wall



### Notes

- Light output values based on 8W and 3000K product



## Control

### ON/OFF SYSTEM TOPOLOGY

#### Integrated systems:

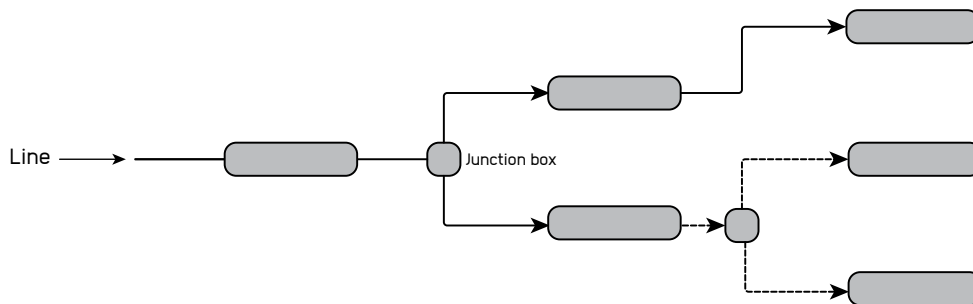
- Flow Sense
- Heat Sense
- Split & Seal

#### System components

- Wiring, protective devices and junction boxes leading up to feed cable at the start of the line are the responsibility of others

#### System topology

- In the system design, any of the following system topologies can be utilized: line wiring, star wiring, or tree wiring.



#### Addressing & dimming notes

- ON/OFF system does not allow device addressing
- Dimming of the product not available in this system

#### Segment length and limitations

- The maximum distance between the first and last fitting is limited to maximum voltage drop and fuse rating.
- Used only in single colour applications

#### Fault tolerance

- If one product fails the rest of the system continues to work
- Class III wiring implemented in the fixture and voltage fluctuation filter implemented



## Control

### 0-10V SYSTEM TOPOLOGY

#### Integrated systems:

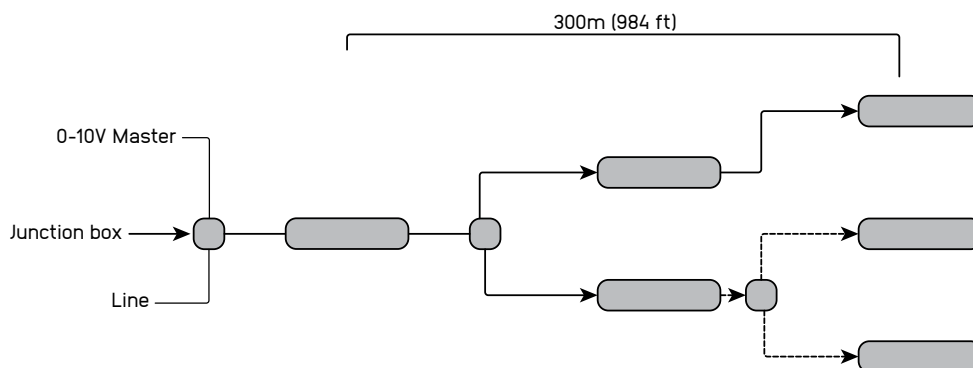
- Flow Sense
- Heat Sense
- Split & Seal

#### System components

- The 0-10V system, wiring, protective devices and junction boxes leading up to feed cable at the start of the line are the responsibility of others

#### System topology

- In the system design, any of the following system topologies can be utilized: line wiring, star wiring, or tree wiring.



#### Addressing & dimming notes

- 0-10V protocol does not allow addressing devices individually
- Logarithmic and linear dimming options available. The product is initially equipped with logarithmic dimming settings and it is suggested for the controllers to be linear in order to get the dimming that is most preferred in most cases due to the dimming curve perceived by human eye
- 0%-100% dimming range
- The product is initially set up as a source instead of as a sink type
- The product could also be set up as a sink type but this should be noted to sales representative

#### Segment length and limitations

- The maximum distance between two fittings is 30 meters, and the maximum distance between the first and last fitting is 300 meters.
- Used in single colour applications

#### Fault tolerance

- If the product is source type and in the case the control line doesn't have power the light fitting will turn at 100%. in the opposite case where the light is sink type, light will not work.
- If one product fails the rest of the system continues to work
- Class III wiring implemented in the fixture and voltage fluctuation filter implemented



## Control

### DALI SYSTEM TOPOLOGY

#### Integrated systems:

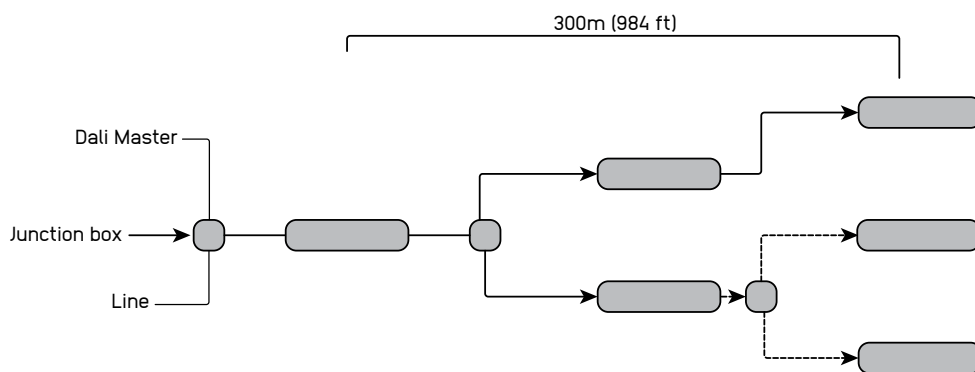
- Flow Sense
- Heat Sense
- Split & Seal

#### System components

- The DALI system, wiring, protective devices and junction boxes leading up to feed cable at the start of the line are the responsibility of others.

#### System topology

- In the system design, any of the following system topologies can be utilized: line wiring, star wiring, or tree wiring.



#### Addressing & dimming notes

- DALI protocol allows addressing devices individually
- Addressing methods include a short address for individual devices, group addresses for up to 16 groups, and a broadcast address that targets everything on the line.
- Logarithmic and linear dimming options available. the product is initially equipped with logarithmic dimming settings, while you can easily switch to logarithmic dimming using a configuration device.
- 0%-100% dimming range

#### Segment length and limitations

- A DALI master has the capacity to manage a line containing a maximum of 64 devices. Each device can be allocated to 16 unique groups and 16 individual scenes.
- The maximum distance between two fittings is 30 meters [98ft] , and the maximum distance between the first and last fitting is 300m [984ft].
- Used in single colour and tunable white applications

#### Fault tolerance

- Due to its relatively slow operating speed and high bus voltage, the DALI system exhibits significant reliability in the presence of electrical interference, making shielding unnecessary
- If one product fails the rest of the system continues to work



## Control

### DMX SYSTEM TOPOLOGY

#### Integrated systems:

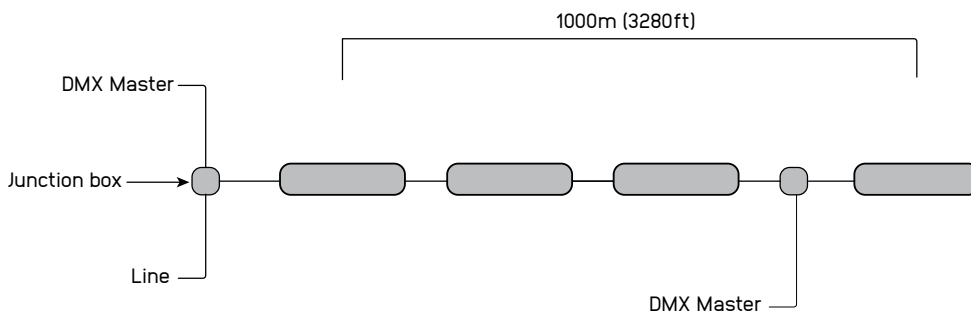
- Flow Sense
- Heat Sense
- Split & Seal

#### System components

- The DMX system, wiring, protective devices and junction boxes of the line are the responsibility of others

#### System topology

- In the system design, line wiring can only be used



#### Addressing & dimming notes

- DMX protocol allows addressing devices individually
- Addressing methods allow short address for individual devices
- Logarithmic and linear dimming options available. the product is initially equipped with logarithmic dimming settings, while you can easily switch to logarithmic dimming using a configuration device.
- 0%-100% dimming range

#### Segment length and limitations

- A DMX universe has the capacity to manage a line containing a maximum of 512 addresses. Each Luminaire can be allocated to maximum 4 unique addresses.
- The maximum distance between two fittings is 30m (98ft), and the maximum distance between the first and last fitting is 1000 meters.
- Used in single colour, tunable white, and RGBW applications
- DMX addresses can be programmed in factory or on site. Consult your sales representative if addressing is to be done in factory

#### Fault tolerance

- If one product fails the rest of the system continues to work