

# Dynamic Escape Sign

Recessed

When a fire alarm sounds, it is crucial that occupants leave the building quickly by the nearest exit, but around 70% of occupants miss conventional passive/static emergency escape signs.

Occupants unaware of standard escape signage tend to leave via their known, proven route – often the main entrance – which causes slower evacuation times and potentially dangerous bottlenecks; this can be especially dangerous if the main entrance is blocked in an incident.

LuxIntelligent's Dynamic Escape Sign, with a pulsing array of green LEDs, presents a clear and universally-understood directional arrow in the event of an incident and is proven to catch the attention of occupants. It enables them to make the right choices when escaping, improves evacuation time and lowers the risk of dangerous bottlenecks.

When passive, the Dynamic Escape Sign meets the requirements of EN 60598-2-22 and is suitable to be used as a fully compliant passive/static escape sign. It can be used in new builds or retrofitted in place of existing escape signage.

LuxIntelligent's Dynamic Escape Sign is fully fault-monitored and automatically tested by our LuxIntelligent panel in accordance with BS 5266-1.

When the dynamic pulsing green arrow is activated, the signage meets BS 7273-6:2019 (the code of practice for



Compliant static/passive mode



Active pulsing green arrow mode

the operation of fire protection measures) in relation to dynamic safety signage systems and intelligent signage – for example, how the signage should fail safe.

The dynamic pulsing green arrow can be triggered either manually (e.g. a key switch) or automatically by integrating our LuxIntelligent automatic testing panel with the existing fire alarm system via simple

input/output modules. The green arrows can be triggered either as individual devices, in zones or all at once, providing proof of compliance to BS 5266-1 and improving the life safety and evacuation speed of occupants.

The luminaire fully supports all the features of the LuxIntelligent range of emergency lighting test panels when ordered as an addressable unit.

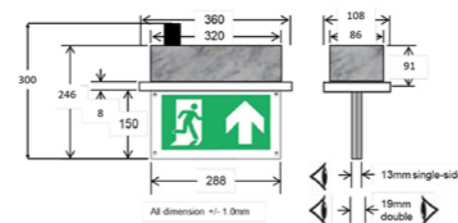
## Key Features

- Fully compatible with LuxIntelligent system
- Centrally reports and tests to BS 5266-1 requirements
- When passive, fully complies to visibility standards and EN 60598-2-22
- Manually or automatically triggered dynamic pulsing green arrow
- Compatible with any fire alarm system
- Occupants twice as fast at recognising dynamic escape signage
- Occupants 3 times faster at making correct escape route decision
- 24 metre viewing distance
- Available as single and double sided
- Surface mount and IP65 variants available
- 'Red cross' option available – contact for more details

## Specification

Supply voltage	230V AC @ 50Hz
Supply power	'Static/Passive' mode 6.0W
Supply power	'Dynamic' mode 13.5W
Light source	LED strip & dynamic led arrays (36,000+ hours)
Materials - body	Zintec galvanised steel
Materials - trim	Zintec powder-coated steel
Materials - legend	Cast-acrylic with pre-applied legend/built-in dynamics
Battery	4 cell 4.8V 1500-2100mAh NiMH
Recharge period	Less than 24 hours
IP rating	IP20
Weight Approx.	3kg

## Recessed dimensions (mm)



## Dynamic and adaptive range



See our adaptive range of escape signs for more information on our 'red cross' fully-adaptive system. Both dynamic and adaptive escape signs available in recessed, surface/wall mount and a wall mount IP65 variant.

# Dynamic Escape Sign

Surface Mount

When a fire alarm sounds, it is crucial that occupants leave the building quickly by the nearest exit, but around 70% of occupants miss conventional passive/static emergency escape signs.

Occupants unaware of standard escape signage tend to leave via their known, proven route – often the main entrance – which causes slower evacuation times and potentially dangerous bottlenecks; this can be especially dangerous if the main entrance is blocked in an incident.

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Compliant static/passive mode



Active pulsing green arrow mode

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The dynamic pulsing green arrow can be triggered either manually (e.g. a key switch) or automatically by integrating

our LuxIntelligent automatic testing panel with any existing fire alarm system via simple input/output modules. The dynamic pulsing green arrows can be triggered either as individual devices, in zones or all at once, providing proof of compliance to BS 5266-1 and improving the life safety and evacuation speed of occupants.

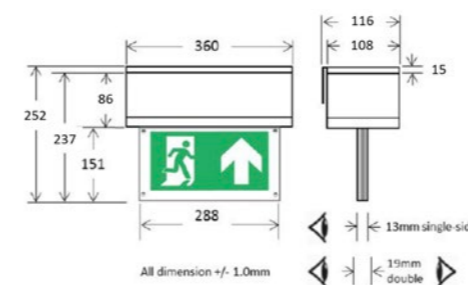
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- When passive, fully complies to visibility standards and EN 60598-2-22
- Manually or automatically triggered dynamic pulsing green arrow
- Compatible with any fire alarm system
- Occupants twice as fast at recognising dynamic escape signage
- Occupants 3 times faster at making correct escape route decision
- 24 metre viewing distance
- Available as single and double sided
- Recessed version and IP65 variants available
- 'Red Cross' option available - contact for more details

## Specification

Supply voltage	230V AC @ 50Hz
Supply power 'static/passive' mode	6.0W
Supply power 'dynamic' mode	13.5W
Light source	LED strip & dynamic led arrays (36,000+ hours)
Materials - body	Zintec galvanised steel
Materials - trim	Zintec powder coated steel
Materials - legend	Cast acrylic with pre-applied legend/built in dynamics
Battery	4 Cell 4.8V 1500-2100mAh NiMH
Recharge period	Less than 24 hours
IP rating	IP20
Weight	Approx. 3.3KG

## Recessed dimensions (mm)



## Dynamic and adaptive range



See our adaptive range of escape signs for more information on our 'red cross' fully-adaptive system. Both dynamic and adaptive escape signs available in recessed, surface/wall mount and a wall mount IP65 variant.

# Dynamic Escape Sign

IP65 Weatherproof

When a fire alarm sounds, it is crucial that occupants leave the building quickly by the nearest exit, but around 70% of occupants miss conventional passive/static emergency escape signs.

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Compliant static/passive mode



Active pulsing green arrow mode

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The dynamic pulsing green arrow can be triggered either manually (e.g. a key switch) or automatically by integrating our LuxIntelligent automatic testing panel

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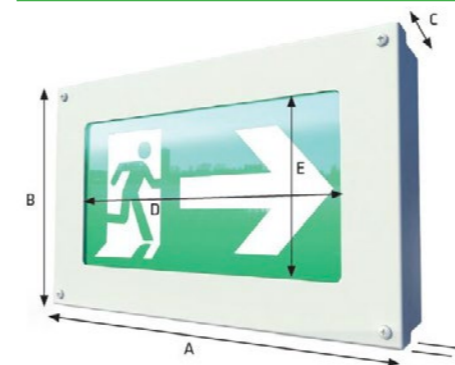
## Key Features

- IP65 weatherproof version suitable for exterior use
- Fully compatible with LuxIntelligent system
- Centrally reports and tests to BS 5266-1 requirements
- When passive, fully complies to visibility standards and EN 60598-2-22
- Manually or automatically triggered dynamic pulsing green arrow
- Compatible with any fire alarm system
- Occupants twice as fast at recognising dynamic escape signage
- Occupants 3 times faster at making correct escape route decision
- 25 metre viewing distance
- Available as single-sided only
- Surface mount and recessed variants available
- 'Red cross' option available - contact for more details

## Specification

Supply voltage	230V AC @ 50Hz
Supply power 'static/passive' mode	6.0W
Supply power 'dynamic' mode	13.5W
Light source	LED strip & dynamic led arrays (36,000+ hours)
Materials - body	Steel powder-coated white
Materials - legend	BS 476-7 Class 3 perspex with pre-applied legend/built in dynamics
Battery	4 cell 4.8V 2100mAh NiMH
Recharge period	Less than 24 hours
IP rating	IP65
Weight	Approx. 3KG

## Recessed dimensions (mm)



A=330, B=208, C=70, D=250, E=129, F=20

## Dynamic and adaptive range



See our adaptive range of escape signs for more information on our 'red cross' fully-adaptive system. Both dynamic and adaptive escape signs available in recessed, surface/wall mount and a wall mount IP65 variant.



# Adaptive Escape Sign

Recessed

When a fire alarm sounds, it is crucial that occupants leave the building quickly by the nearest exit, but around 70% of occupants miss conventional passive/static emergency escape signs.

Occupants unaware of standard escape signage tend to leave via their known, proven route – often the main entrance – which causes slower evacuation times and potentially dangerous bottlenecks; this can be especially dangerous if the main entrance is blocked in an incident. In addition, static/passive escape signage may be routing occupants towards hazardous areas that are potentially filled with smoke and fire.

LuxIntelligent's Adaptive Escape Sign can illuminate a pulsing array of green LEDs providing a clear and universally understood directional arrow for occupants to follow to the nearest escape route but is also able to display an active Red Cross to highlight unviable escape routes.

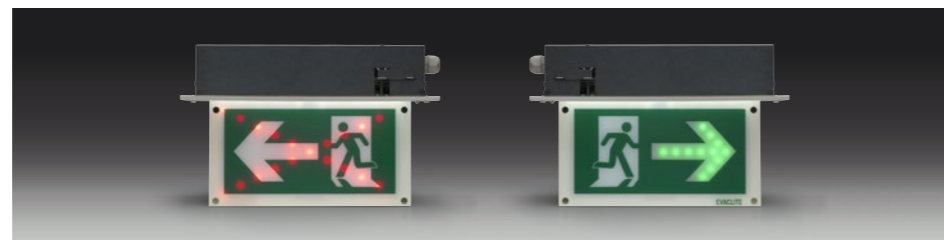
When passive, the Adaptive Escape Sign meets the requirements of EN 60598-2-22 and is suitable to be used as a fully compliant passive/static escape sign in either a new build or is fully suitable to be retrofitted in place of existing escape signage.

LuxIntelligent's Adaptive Escape Sign is fully compatible with the LuxIntelligent Automatic Emergency Lighting Test System meaning the Adaptive Escape Sign is fully fault monitored and automatically tested by our LuxIntelligent Panel in accordance with BS 5266-1.

Controlling the Adaptive Escape Signage is achieved by integrating a 3rd party addressable Fire Input/Output Unit so



Compliant static/passive mode



Active red cross and pulsing green arrow modes

the signage can be fully controlled via an Addressable Fire System's built in 'Cause and Effect' software – this allows the Fire System to have complete control of on-going escape route viability in accordance with BS 7273-6:2019 (Code of practice for the operation of fire protection measures).

The 'Cause and Effect' programming is usually the responsibility of the Fire Engineer and forms just one part of the overall Fire Evacuation Plan. If the pre-planned escape scenarios becomes exhausted, the Adaptive Escape Signs can simply revert back to all Pulsing Green Arrows or to a Static /

Passive (and therefore compliant) escape sign – enabling the system to fail safe.

The LuxIntelligent System provides a fully automatic emergency lighting test system that replaces the need for manual checks and testing on all emergency lighting on site and when integrated with any Fire Alarm System, our system can provide peace of mind by providing proof of compliance to BS 5266-1 but also allow the Fire System to actively route occupants away from hazardous areas in the event of an incident providing improved life safety and safer evacuations.

## Key Features

- Fully compatible with LuxIntelligent System
- Centrally reports and tests to BS 5266-1 requirements
- When passive, fully complies to visibility standards and EN 60598-2-22
- Triggerable adaptive pulsing green arrow and red cross
- Compatible with most fire alarm systems
- Occupants twice as fast at recognising dynamic escape signage
- Occupants 3 times faster at making correct escape route decision
- Actively routes occupants away from hazardous areas
- 24 metre viewing distance
- Available as single and double sided
- Surface mount and IP65 variants available
- For a more simplistic green arrow only version, see our dynamic signage range

## Specification

Supply voltage	230V AC @ 50Hz
Supply power 'static/passive' mode	6.0W
Supply power 'dynamic' mode	13.5W
Light source	LED strip & dynamic led arrays (36,000+ hours)
Materials - body	Zintec galvanised steel
Materials - trim	Zintec powder coated steel
Materials - legend	Cast acrylic with pre-applied legend/built in dynamics
Battery	4 cell 4.8V 1500-2100mAh NiMH
Recharge period	Less than 24 hours
IP rating	IP20
Weight	Approx. 3kg

## Recessed dimensions (mm)



## Dynamic and adaptive range



See our adaptive range of escape signs for more information on our 'red cross' fully-adaptive system. Both dynamic and adaptive escape signs available in recessed, surface/wall mount and a wall mount IP65 variant.

# Adaptive Escape Sign

Surface Mount

When a fire alarm sounds, it is crucial that occupants leave the building quickly by the nearest exit, but around 70% of occupants miss conventional passive/static emergency escape signs.

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LuxIntelligent's Adaptive Escape Sign can illuminate a pulsing array of green LEDs providing a clear and universally understood directional arrow for occupants to follow to the nearest escape route but is also able to display an active Red Cross to highlight unviable escape routes.

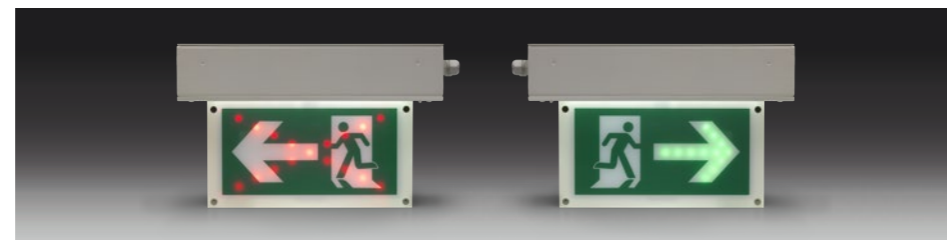
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LuxIntelligent's Adaptive Escape Sign is fully compatible with the LuxIntelligent Automatic Emergency Lighting Test System meaning the Adaptive Escape Sign is fully fault monitored and automatically tested by our LuxIntelligent Panel in accordance with BS 5266-1.

Controlling the Adaptive Escape Signage is achieved by integrating a 3rd party addressable Fire Input/Output Unit so the signage can be fully controlled via an Addressable Fire System's built in 'Cause



Compliant static/passive mode



Active red cross and pulsing green arrow modes

and Effect' software – this allows the Fire System to have complete control of on-going escape route viability in accordance with BS 7273-6:2019 (Code of practice for the operation of fire protection measures).

The 'Cause and Effect' programming is usually the responsibility of the Fire Engineer and forms just one part of the overall Fire Evacuation Plan. If the pre-planned escape scenarios becomes exhausted, the Adaptive Escape Signs can simply revert back to all Pulsing Green Arrows or to a Static / Passive (and therefore compliant) escape sign - enabling the system to fail safe.

The LuxIntelligent System provides a fully automatic emergency lighting test system that replaces the need for manual checks and testing on all emergency lighting on site and when integrated with any Fire Alarm System, our system can provide peace of mind by providing proof of compliance to BS 5266-1 but also allow the Fire System to actively route occupants away from hazardous areas in the event of an incident providing improved life safety and safer evacuations.

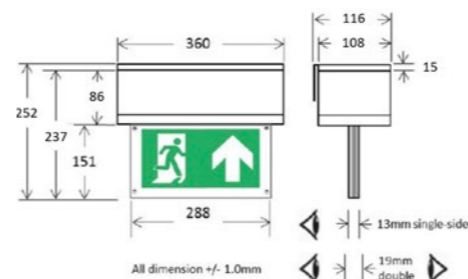
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- Available as single and double sided
- Recessed and IP65 variants available
- For a more simplistic Green Arrow only version, see our Dynamic range

## Specification

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Materials - Legend	Cast acrylic with pre-applied legend/built in dynamics
Battery	4 Cell 4.8V 1500-2100mAh NiMH
Recharge period	Less than 24 hours
IP rating	IP20
Weight Approx.	3.3KG

## Recessed dimensions (mm)



## Dynamic and adaptive range



See our adaptive range of escape signs for more information on our 'red cross' fully-adaptive system. Both dynamic and adaptive escape signs available in recessed, surface/wall mount and a wall mount IP65 variant.



# Adaptive Escape Sign

IP65 Weatherproof

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Occupants unaware of standard escape signage tend to leave via their known, proven route – often the main entrance – which causes slower evacuation times and potentially dangerous bottlenecks; this can be especially dangerous if the main entrance is blocked in an incident. In addition, static / passive escape signage may be routing occupants towards hazardous areas that are potentially filled with smoke and fire.

LuxIntelligent's Adaptive Escape Sign can illuminate a pulsing array of green LEDs providing a clear and universally understood directional arrow for occupants to follow to the nearest escape route but is also able to display an active Red Cross to highlight unviable escape routes.

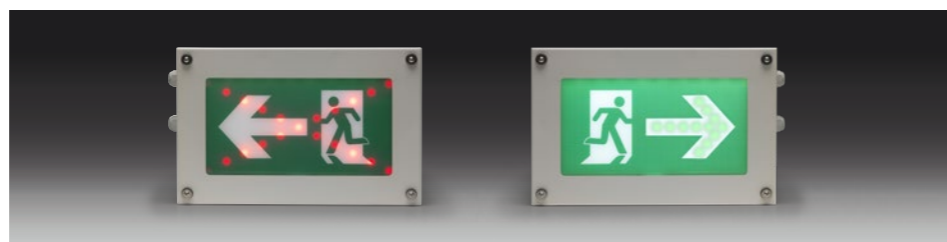
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Compliant static/passive mode



Active Red Cross & Pulsing Green Arrow Modes

Addressable Fire System's built in 'Cause and Effect' software – this allows the Fire System to have complete control of on-going escape route viability in accordance with BS 7273-6:2019 (Code of practice for the operation of fire protection measures).

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(and therefore compliant) escape sign - enabling the system to fail safe.

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## Key Features

- IP65 Weatherproof version suitable for exterior use
- Fully compatible with LuxIntelligent System
- Centrally reports and tests to BS 5266-1 requirements
- When passive, fully complies to visibility standards and EN 60598-2-22
- Triggerable Adaptive Pulsing Green Arrow and Red Cross
- Compatible with most Fire Alarm Systems
- Occupants twice as fast at recognising dynamic escape signage
- Occupants 3 times faster at making correct escape route decision
- Actively routes occupants away from hazardous areas
- 25 metre viewing distance
- Available as single sided only
- Surface mount and recessed variants available
- For a more simplistic Green Arrow only version, see our Dynamic range

## Specification

Supply voltage	230V AC @ 50Hz
Supply power 'Static/Passive' mode	6.0W
Supply power 'Dynamic' mode	13.5W
Light source	LED strip & dynamic led arrays (36,000+ hours)
Materials - Body	Steel powder coated white
Materials - Legend	BS 476-7 Class 3 Perspex with pre-applied legend/built in dynamics
Battery	4 Cell 4.8V 2100mAh NiMH
Recharge period	Less than 24 hours
IP rating	IP65
Weight	Approx. 3KG

## Recessed dimensions (mm)



A=330, B=208, C=70, D=250, E=129, F=20

## Dynamic and adaptive range



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