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 bottlenecking; this can be especially dangerous if the main entrance is blocked in an incident.

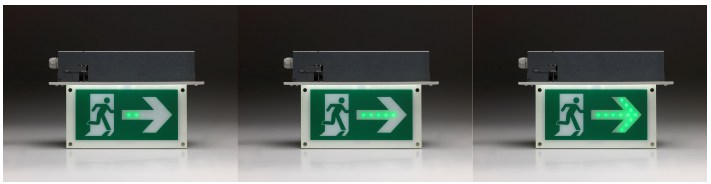
LuxIntelligent's Dynamic Escape Sign, with a pulsing array of green LEDs, presents a clear and universally-understood directional arrow in the event of an incident and is proven to catch the attention of occupants. It enables them to make the right choices when escaping, improves evacuation time and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

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 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.



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

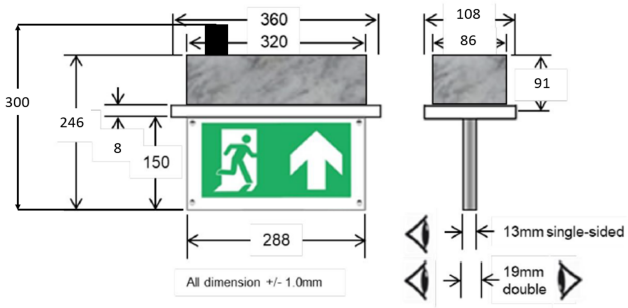
Specification

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

Order Codes

DYNAMIC/M3/P/R/SS/AD/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Single-sided, ISO Arrow Down
DYNAMIC/M3/P/R/SS/AU/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Single-sided, ISO Arrow Up
DYNAMIC/M3/P/R/SS/AR/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Single-sided, ISO Arrow Right
DYNAMIC/M3/P/R/SS/AL/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Single-sided, ISO Arrow Left
DYNAMIC/M3/P/R/DS/AD/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Double-sided, ISO Arrow Down
DYNAMIC/M3/P/R/DS/AU/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Double-sided, ISO Arrow Up
DYNAMIC/M3/P/R/DS/AR-L/ISO	Dynamic Escape Sign - Active Green Arrow, Recessed, Maintained, Addressable, Double-sided, ISO Arrow Right or Left

Recessed dimensions (mm)



Dynamic & 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 & a wall mount IP65 variant.

Advanced, The Bridges, Balliol Business Park, Newcastle, NE12 8EW, UK T: +44 (0)1670 707 111 E: enquiries@luxintelligent.com W: www.luxintelligent.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.