

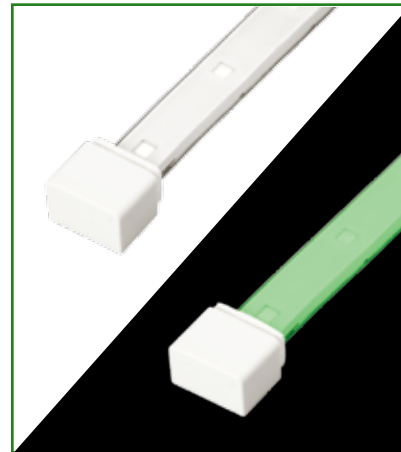
Emergency Wayfinder™



Emergency Wayfinder™ provides a directional cascading light that directs building occupants to safety and away from hazards during emergency situation. It offers dynamic operation permitting path and direction modification based on the evolution of the emergency.

Features

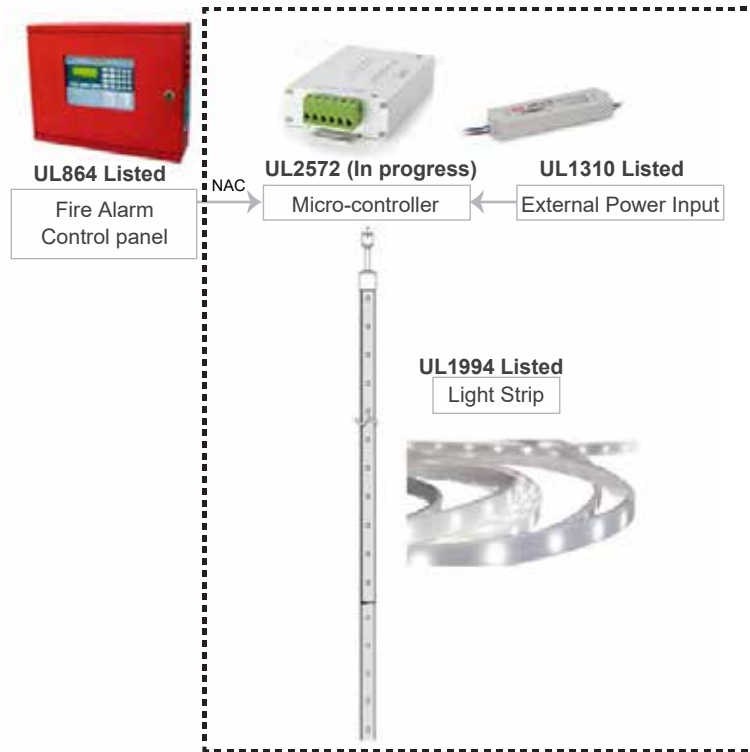
- Dual Luminescence based features - LED luminance and photoluminescent, to provide Fail-Safe directional cascading light and an egress path solution
- Compatible to receive NAC signal supplies from UL listed Fire Alarm Control Panels
- Customized External Power Supply and Micro Controller are available as an option (Integratable with most UL listed Fire Alarm and Mass Notification Control Panels through jointly developed Common Alert Protocol)
- Operating Voltage at DC24V
- Waterproof PVC Extruded Jacket to achieve IP65
- Optional LED pitch design (30mm -180mm)
- Longer length application is available in adjusted pitch length - Up to 100 meter or 330ft
- Unique manufacturing processes and functional properties are protected by more than a dozen international patents
- External Class II power supply



Product Details

Color	Warm white
Input Voltage	24VDC
Rated Current (per meter)	165mA - 30mA (30mm - 180mm pitch) (1.2" - 7" pitch)
Min. Bending Radius	100mm
Max. Connection Length	15m - 100m (50ft - 328ft)
Life Span	35,000hrs
Operating Temperature	-20°C - 50°C
Storage Temperature	-20°C - 60°C
Flammability	Fire Retardant
Application	Indoor
IP Rating	IP65
Compliance	UL1994, ULC-S572 UL2572(In Progress)
Dimension	12mmW x 5.5mmH (0.5"W x 0.2"H)
Segment Length	30mm (1.2")
LED Pitch	30mm - 180mm (Extendable in every 30mm up to 180mm) (1.2" up to 7")
Weight	100 - 140g / m

System Diagram



Electrical Characteristics

Max Length 100m @ 180mm LED Pitch

Parameter	Typ.	Unit	Remark
Input Voltage (VDC)	24	V	-
Input Current (IDC)	8	mA/m	Per 1 meter
Power Consumption (P)	0.2	W/m	Per 1 meter

Max Length 15m @ 30mm LED Pitch

Parameter	Typ.	Unit	Remark
Input Voltage (VDC)	24	V	-
Input Current (IDC)	50	mA/m	Per 1 meter
Power Consumption (P)	1.2	W/m	Per 1 meter

*Light Engine reserves the right to change any specifications without notice.