

# Microlite



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Emergency Exit Signs  
Surface Mounted, Single/Double Sided

## General Specifications

Application	Escape Sign
Mounting	Direct mounting to wall & ceiling
Version	Auto Test
Mode	Selectable maintained/non-maintained
Emergency Duration	Selectable 1/3 hours
Viewing Distance	30m
Light Source	LED module, 12 mid power leds, 6500K, CRI>80
Battery	Li-FePO4
Warranty	5 years (battery 3 years)



## Technical Specifications

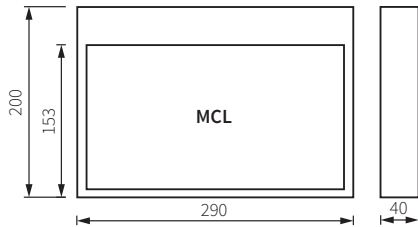
Supply Voltage	230 Volt, 50/60Hz, 0.03A, max 3W
Battery	Li-FePO4: 3.2 Volt, 1.0Ah
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation	Class II
Protection	IP30
Temperature	ta 0 /+40°C
Terminals	Up to 2x2,5mm <sup>2</sup> quick fit terminal
Cable Entry	Two easy breakable entry holes on back & top side
Enclosure	White thermoplastic housing



## Li-FePO4 Batteries & Management

- Smart charge circuit
- Overcharge/ overdischarge protection
- Short/ open circuit protection
- Deep discharge protection
- High/Low temperature protection
- Polarity reversal protection by connector
- Up to 10 year design life

## Dimensions (mm)



## Ordering Details

CODE	Single or Double Sided	Mounting Detail	LED MODULE LUMEN OUTPUT			BATTERY
			MAINS	1H	3H	
MCL1-10AT	Single Sided	Wall & Ceiling	75 Lm	250 Lm	100 Lm	3.2V-1.0Ah Li-FePO4
MCL1-24			250 Lm	-	-	-
MCL1-230			250 Lm	-	-	-
MCL2-10AT	Double Sided	Ceiling	75 Lm	250 Lm	100 Lm	3.2V-1.0Ah Li-FePO4
MCL2-24			250 Lm	-	-	-
MCL2-230			250 Lm	-	-	-

SIGN PADS & ACCESSORIES	
MCL-SSWR-2M	Suspended type hanging set (2m)
MCL-SIGN-SET	Sign set (Up, Down, Left, Right, White)
MCL-LFT	Sign pad, left side
MCL-RGT	Sign pad, right side
MCL-UP	Sign pad, up side
MCL-DWN	Sign pad, down side
MCL-PAD	Sign pad, white pad