

# Multilite



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Emergency Exit Signs  
Surface Mounted, Single & Double Sided

## General Specifications

Application	Escape Sign
Mounting	Direct mounting to wall & ceiling. Recessed, suspended and flag mounting are available by accessory
Type	Manual Test, Auto Test, DALI2, Wireless, Central
Operating Mode	Selectable maintained/ non-maintained
Emergency Duration	Selectable 1/3 hours
Viewing Distance	23m & 30m
Light Source	LED module, 6500K, CRI>80, 20 Led
Battery	Li-FePO4, Ni-Cd/ Ni-MH
Warranty	5 years (Li-FePO4 battery 3 years, Ni-Cd/ Ni-MH battery 1 year)

## Technical Specifications

Supply Voltage	Li-FePO4: 220-240 Volt, 0/50-60 Hz, 0,03A, max 3W Ni-Cd/ Ni-MH: 230 Volt, 50-60 Hz, 0,05A, max 5W
Battery	Li-FePO4: 3.2 Volt , Ni-Cd/ Ni-MH: 3.6 Volt
Charger	Smart charger circuit
Charge Indicator	Green LED lamp
Fault Indicator	Red LED lamp
Insulation	Class II
Protection	IP40
Impact protection	IK04
Temperature	Li-FePO4: ta 0 /+45°C, Ni-Cd/ Ni-MH: ta 5 /+40°C
Terminals	Up to 2x2,5mm <sup>2</sup> quick fit terminal
Cable Entry	Breakable entry holes rear and upper sides
Enclosure	White ASA Blend housing

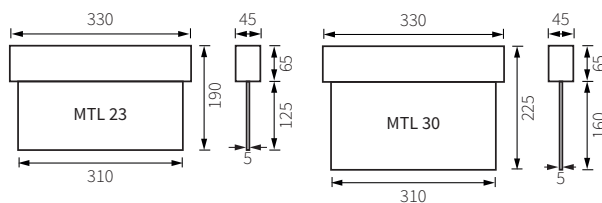
## Li-FePO4 Batteries & Management

- 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

## Standards

- EN 60598-1
- EN 60598-2-22
- EN 62031
- EN 62471
- EN 62384
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 61547
- IEC 62133-2 (related to battery)
- According to EN 1838 (Application)
- According to EN 50172 (Application)
- According to EN 62034 (Auto Test)
- According to EN 62386 (DALI)

## Dimensions (mm)



## Standard Signs



MTL 23 Series



MTL 30 Series



## Ordering Details

### Multilite 23 Series (23m Viewing Distance)

Code	Battery	Type	Viewing Distance
MTL23-10E	3.2V-1.0Ah Li-FePO4	Manual Test	23m
MTL23-16E	3.2V-1.6Ah Li-FePO4		
MTL23-20E	3.2V-2.0Ah Li-FePO4		
MTL23-32E	3.2V-3.2Ah Li-FePO4		
MTL-SM23E	3.6V-0.8Ah Ni-Cd	Auto Test	
MTL23-10AT	3.2V-1.0Ah Li-FePO4		
MTL23-16AT	3.2V-1.6Ah Li-FePO4		
MTL23-20AT	3.2V-2.0Ah Li-FePO4		
MTL23-32AT	3.2V-3.2Ah Li-FePO4	DALI2	
MTL-SM23ST	3.6V-0.8Ah Ni-Cd		
MTL23-16DALI	3.2V-1.6Ah Li-FePO4		
MTL23-20DALI	3.2V-2.0Ah Li-FePO4		
MTL23-32DALI	3.2V-3.2Ah Li-FePO4	Wireless - Luminula	
MTL-SM23DALI	3.6V-2.2Ah Ni-MH		
MTL23-16LUM	3.2V-1.6Ah Li-FePO4		
MTL23-CBE	-	Central Eco	
MTL23-CBDALI	-	Central DALI2	

### Multilite 30 Series (30m Viewing Distance)

Code	Battery	Type	Viewing Distance
MTL30-10E	3.2V-1.0Ah Li-FePO4	Manual Test	30m
MTL30-16E	3.2V-1.6Ah Li-FePO4		
MTL30-20E	3.2V-2.0Ah Li-FePO4		
MTL30-32E	3.2V-3.2Ah Li-FePO4		
MTL-SM30E	3.6V-0.8Ah Ni-Cd	Auto Test	
MTL30-10AT	3.2V-1.0Ah Li-FePO4		
MTL30-16AT	3.2V-1.6Ah Li-FePO4		
MTL30-20AT	3.2V-2.0Ah Li-FePO4		
MTL30-32AT	3.2V-3.2Ah Li-FePO4	DALI2	
MTL-SM30ST	3.6V-0.8Ah Ni-Cd		
MTL30-16DALI	3.2V-1.6Ah Li-FePO4		
MTL30-20DALI	3.2V-2.0Ah Li-FePO4		
MTL30-32DALI	3.2V-3.2Ah Li-FePO4	Wireless - Luminula	
MTL-SM30DALI	3.6V-2.2Ah Ni-MH		
MTL30-16LUM	3.2V-1.6Ah Li-FePO4		
MTL30-CBE	-	Central Eco	
MTL30-CBDALI	-	Central DALI2	

### Sign Pads & Accessories

MTL-REC	Recessed mounting set
MTL-FLAG	Flag mounting set
MTL-SSWR-2M	Suspended type hanging set (2m)
MTL23-SET	Sign set - 23m Viewing distance
MTL23-LFT	Sign pad - 23m, left side
MTL23-RGT	Sign pad - 23m, right side
MTL23-UP	Sign pad - 23m, up side
MTL23-DWN	Sign pad - 23m, down side
MTL23-PAD	Sign pad - 23m, white pad
MTL30-SET	Sign set - 30m Viewing distance
MTL30-LFT	Sign pad - 30m, left side
MTL30-RGT	Sign pad - 30m, right side
MTL30-UP	Sign pad - 30m, up side
MTL30-DWN	Sign pad - 30m, down side
MTL30-PAD	Sign pad - 30m, white pad

## ELEKTRONİK CİHAZLAR SANAYİ VE TİCARET A.Ş.

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