

# 94 Series

## LED Escape Luminaire



### Description

94 Series are of EXIT luminaires are specially designed to be decorative and sleek, at the same time has multiple models with viewing range varying from 20m to 50m.

This is a major advantage for large ware-houses, malls and airports, where some of the areas will be

having very high ceiling, or need large viewing range in areas where fixing of an exit luminaire may be difficult, or architecturally unacceptable.

This series of luminaires has option for wall and ceiling surface mounting.

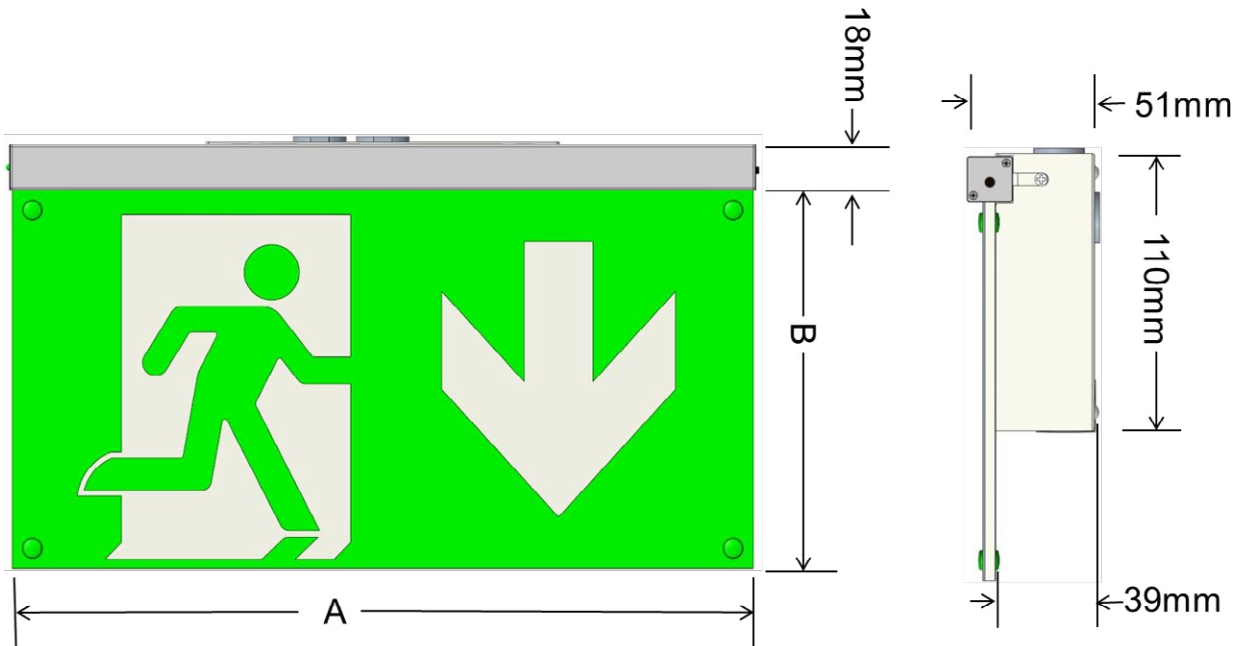
### TECHNICAL SPECIFICATION

Normal Supply	220-240V 50/60Hz
Power consumption	6W max.
Charge time	24 hours charge
Battery	LiFePO4 battery
Test facility	AUTO test/DALI
Operation	Maintained
Mounting	Wall mounting and ceiling surface mounting
LED	SMD 2835, CCT 5700K,CRI>70
Pictogram green color	Pantone 348C
Mounting	Wall mounting and ceiling surface mounting
Degree of protection	IP20
Luminaire classification	Class I
Ambient temperature range	0C...+40C
Certification	CE CB
Housing material	ABS
Ambient temperature	0C...+40C
Certification	TUV , CE, CB

All models of 94 series luminaires will maintain the same lux output during the entire emergency mode operation as specified (only the battery being used to power the lamp and fitting controls). This is achieved as our luminaires are working with "constant current" technology. The same current output is maintained even if the battery voltage goes down. The luminaire lamp current is totally cut off when the battery voltage falls below a certain pre-determined voltage. Leaving enough charge to power the control module.



DIMENSIONS (mm)



Item	A (mm)	B (mm)	Viewing Distance
9420 Series	196	100	20 m
9430 Series	294	150	30m
9440 Series	392	200	40m
9450 Series	490	250	50m

PICTOGRAM PACK



Option-right



Assembled



Option-left

**MODEL LIST**

Part number	Alternative part number	Dis-charge Duration	Battery	Power Consumption	Test facility	LED	Average Luminance on white area
9420-1AL	VIEW/20/1H/AT/LFP	1h	LiFePO4 14500 3.2V600mAh	2.9W	AUTO TEST	SMD 2835 LED 16pcs	1050cd/m2
9420-3AL	VIEW/20/3H/AT/LFP	3h	LiFePO4 18650 3.2V1500mAh	2.9W	AUTO TEST	SMD 2835 LED 16pcs	1050cd/m2
9430-1AL	VIEW/30/1H/AT/LFP	1h	LiFePO4 14500 3.2V600mAh	3.0W	AUTO TEST	SMD 2835 LED 32pcs	550cd/m2
9430-3AL	VIEW/30/3H/AT/LFP	3h	LiFePO4 18650 3.2V1500mAh	3.0W	AUTO TEST	SMD 2835 LED 32pcs	550cd/m2
9440-1AL	VIEW/40/1H/AT/LFP	1h	LiFePO4 18650 3.2V1500mAh	4.8W	AUTO TEST	SMD 2835 LED 34pcs	750cd/m2
9440-3AL	VIEW/40/3H/AT/LFP	3h	LiFePO4 26650 3.2V3200mAh	5.3W	AUTO TEST	SMD 2835 LED 34pcs	750cd/m2
9450-1AL	VIEW/50/1H/AT/LFP	1h	LiFePO4 18650 3.2V1500mAh	5.0W	AUTO TEST	SMD 2835 LED 52pcs	500cd/m2
9450-3AL	VIEW/50/3H/AT/LFP	3h	LiFePO4 26650 3.2V3200mAh	5.6W	AUTO TEST	SMD 2835 LED 52pcs	500cd/m2
9420-1DL	VIEW/20/1H/DA/LFP	1h	LiFePO4 3.2V1500mAh	4W	DALI	SMD 2835 LED 16PCS	1200cd/m2
9420-3DL	VIEW/20/3H/DA/LFP	3h	LiFePO4 3.2V3200mAh	4W	DALI	SMD 2835 LED 16PCS	1200cd/m2
9430-1DL	VIEW/30/1H/DA/LFP	1h	LiFePO4 3.2V1500mAh	4W	DALI	SMD 2835 LED 26PCS	650cd/m2
9430-3DL	VIEW/30/3H/DA/LFP	3h	LiFePO4 3.2V3200mAh	4W	DALI	SMD 2835 LED 26PCS	650cd/m2
9440-1DL	VIEW/40/1H/DA/LFP	1h	LiFePO4 3.2V1500mAh	5.5W	DALI	SMD 2835 LED 34pcs	550cd/m2
9440-3DL	VIEW/40/3H/DA/LFP	3h	LiFePO4 3.2V4500mAh	5.5W	DALI	SMD 2835 LED 34pcs	550cd/m2
9450-1DL	VIEW/50/1H/DA/LFP	1h	LiFePO4 3.2V1500mAh	5.5W	DALI	SMD 2835 LED 44pcs	350cd/m2
9450-3DL	VIEW/50/3H/DA/LFP	3h	LiFePO4 3.2V4500mAh	5.5W	DALI	SMD 2835 LED 44pcs	350cd/m2



**MODEL LIST**

9420-1DL(H)	VIEW/20/1H/DA/NFC/LFP	1h	LiFePO4 3.2V1500mAh	4W	DALI with	SMD 2835 LED 16PCS	1200cd/m2
9420-3DL(H)	VIEW/20/3H/DA/NFC/LFP	3h	LiFePO4 3.2V3200mAh	4W	DALI with	SMD 2835 LED 16PCS	1200cd/m2
9430-1DL(H)	VIEW/30/1H/DA/NFC/LFP	1h	LiFePO4 3.2V1500mAh	4W	DALI with	SMD 2835 LED 26PCS	650cd/m2
9430-3DL(H)	VIEW/30/3H/DA/NFC/LFP	3h	LiFePO4 3.2V3200mAh	4W	DALI with	SMD 2835 LED 26PCS	650cd/m2
9440-1DL(H)	VIEW/40/1H/DA/NFC/LFP	1h	LiFePO4 3.2V1500mAh	5.5W	DALI with	SMD 2835 LED 34pcs	550cd/m2
9440-3DL(H)	VIEW/40/3H/DA/NFC/LFP	3h	LiFePO4 3.2V4500mAh	5.5W	DALI with	SMD 2835 LED 34pcs	550cd/m2
9450-1DL(H)	VIEW/50/1H/DA/NFC/LFP	1h	LiFePO4 3.2V1500mAh	5.5W	DALI with	SMD 2835 LED 44pcs	350cd/m2
9450-3DL(H)	VIEW/50/3H/DA/NFC/LFP	3h	LiFePO4 3.2V4500mAh	5.5W	DALI with	SMD 2835 LED 44pcs	350cd/m2

**ORDER GUIDE**

X-Y-Z ARE THE THREE ALPHABETS AFTER THE SERIES NUMBER OF THE MODEL					ALPHABET APPEARING IN BRACKETS		
X		Y		Z		(W/N/H/80)	
Battery stand-by Duration		Type of test		Battery Type		Application	
1	For 1 Hr	M	Manual testing	L	Lithium Iron Phosphate	W	Wide lens for open area
3	For 3 Hrs	A	Auto Testing	C	Nickle cadmium	N	Narrow lens for corridor
		D	DALI	H	Nickel metal Hydride	H	A product with DALI function, a handset device allowed to manage the address and group of fittings
						80	Dia. 80mm round cover