

AZ e-lite™

Light Up with LED! 

LED
Light

AZCEL
LED Emergency Lighting



AZCEL LT8B-EP series

2-foot/4-foot/5-foot T8 LED Emergency Lighting

Perfect replacement for T8 fluorescent-based emergency lighting luminaire. It works with LEP50H Emergency Lighting Control Gear that will output the AC/DC operating voltage for the T8 LED tube.

- During normal operation (180V-265Vac, 50/60Hz), AC voltage from the main electrical supply will be “passed through” and supplied directly to the AZCEL LT8B-EP at 100% brightness.
- During AC power failure, DC voltage from the battery will be stepped up to 105Vdc and supplied to the AZCEL LT8B-EP, which will function as emergency lighting and operate at a reduced power mode.

Applications

. General and emergency lighting for offices, corridors, staircases and escape tunnels.



Features

- **Direct AC input T8 LED tube** – operates as a normal AC T8 LED tube with no degradation in performance.
- **Emergency Lighting Conversion Kit support** – functions as an emergency lighting when paired with AZ-elite LEP50H Emergency Lighting Control Gear.
- **Ease of maintenance** – one common model of T8 LED tube for both normal and emergency lighting applications.
- **Direct replacement** – suitable for mounting onto T8 batten type luminaire.
- **Small size/capacity High Temperature NiMH Battery** – able to last >2hrs of operating time in emergency mode.
- **10% Emergency Ballast Lumen Factor** – same ballast lumen factor performance as T8 fluorescent tube.



Specifications

Note: All specifications subject to change without prior notice.

220V~
240V

daylight

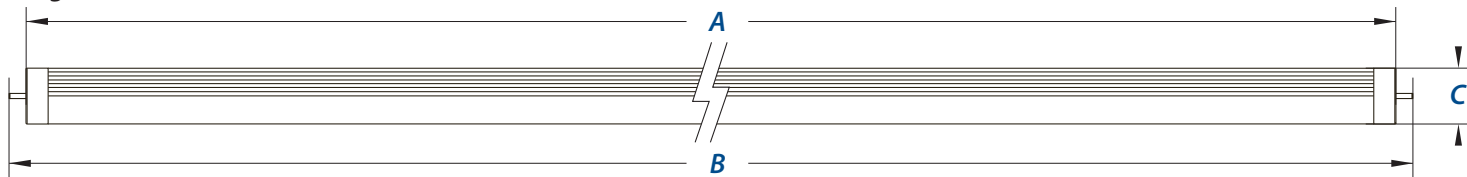
cool
white



Model No.	LT8B-209EP	LT8B-418EP	LT8B-522EP
Power	9W	18W	22W
Replacement for	T8 Fluorescent Emergency Lighting 18W	T8 Fluorescent Emergency Lighting 36W	T8 Fluorescent Emergency Lighting 58W
Lumen	800lm	1600lm	2000lm
CRI	>80		
Power Factor	>0.9		
Emergency Ballast Lumen Factor	10%		
Length	2-feet, 590(L) x ø28 mm	4-feet, 1199(L) x ø28 mm	5-feet, 1500(L) x ø28 mm
Emergency LED Control Gear			
Model No.	LEP50H		
Battery Charging Time	<5hrs (4.8V/2200mAh Battery Pack)		
Battery Discharge Time	>3hrs (4.8V/2200mAh Battery Pack)		
Dimension	209(L) x 39(W) x 28(H) mm		
Battery Pack			
Type of Battery	4 Cells Hi-Temp Nickel Metal Hydride		

Dimension

Length A x B x øC mm



LT8B-209EP
2-feet, 589 x 603 x ø28 mm

LT8B-418EP
4-feet, 1199 x 1213 x ø28 mm

LT8B-522EP
5-feet, 1500 x 1514 x ø28 mm