



How To Choose The Appropriate Emergency Driver for LED Applications



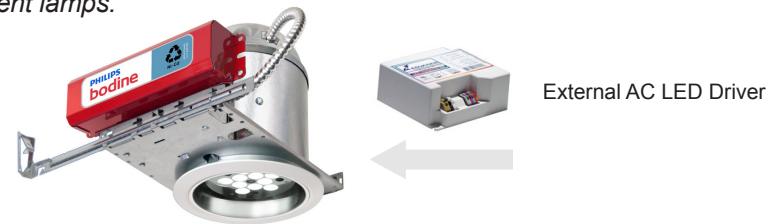
1. Is your application a screw-in LED lamp, or Linear LED lamp with integrated (internal) AC driver?



Emergency Lighting Solutions

- ELI-S-20 Micro-Inverter** - Supports up to 20 W of emergency illumination at full brightness for a minimum of 90 minutes. Provides input power to the integral LED driver at line voltage (120 or 277v) and at line frequency (Sinusoidal 60Hz)
- ELI-100-SD or ELI-250-SD Mini-Inverters** - Supports either 100 Watts or 250 Watts of emergency illumination at full brightness for a minimum of 90 minutes. Note: Square wave design requires use with high-power factor AC driver for optimal performance in LED applications.

Note: ELI Series Inverters also operate compact fluorescent lamps and incandescent lamps.



2. If your LED application uses an external AC driver and LED array -

Emergency Lighting Solutions

Emergency Lighting Solutions	Output Voltage (VDC)	Typical Number of LEDs in Array	Output Current (mA)	Max. Output Power (W) (emergency mode)
BSL23 (no conduit) or BSL23C (with conduit)	3 - 20	1 - 6	180 - 220	3
BSL26 (no conduit) or BSL26C (with conduit)	22 - 34	7 - 11	156 - 238	6
BSL17 (no conduit) or BSL17C (with conduit)	31 - 65	10 - 22	100 - 200	7
BSL17-C2 (no conduit) or BSL17C-C2 (with conduit) - Compatible with Philips Fortimo, (C2) Designed for Class 2 applications	31 - 60	10 - 16	100 - 200	7
BSL722 Uses (2) external battery packs, driving (2) LED arrays in parallel	27 - 33	8 - 10	700	22
BSL722 Cold (-20° C minimum operation temperature) Uses (2) external battery packs, driving (2) LED arrays in parallel	27 - 33	8 - 10	700	22

Note: If the BSL products listed above will not work for your emergency application, please consider one of our ELI Series Inverter products.