SR2200 & SR2300 System Status LED

At the completion of POST, the system status LED on the baseboard, along with the system status LED located on the front panel, will turn on green and stay on during normal operating conditions. A blinking green light, or an amber light, either solid or blinking, indicates a system fault.

The following table describes what each state signifies:

LED	Color	State	Description
System Status [on standby power]	Green	ON	Running / Normal operation
		Blink	Degraded
	Amber	ON	Critical or Non-Recoverable Condition.
		Blink	Non-Critical condition.
	Off	OFF	POST / System Stop.

Table 1. System Status LEDs

System Status Indications

Critical Condition

Any critical or non-recoverable threshold crossing associated with the following events:

- Temperature, Voltage, or Fan critical threshold crossing.

- Power Subsystem Failure. The BMC asserts this failure whenever it detects a power control fault (e.g., the BMC detects that the system power is remaining ON even though the BMC has disserted the signal to turn off power to the system. A hot-swap backplane would use the *Set Fault Indication* command to indicate when one or more of the drive fault status LEDs are asserted on the hot-swap backplane.

- The system is unable to power up due to incorrectly installed processor(s), or processor incompatibility.

- Satellite controller sends a critical or non-recoverable state, via the *Set Fault Indication* command to the BMC.

- "Critical Event Logging" errors.

Non-Critical Condition

- Temperature, Voltage, or Fan non-critical threshold crossing.

- Chassis Intrusion.

- Satellite controller sends a non-critical state, via the *Set Fault Indication* command, to the BMC.

- *Set Fault Indication* Command.

Degraded Condition

- Non-redundant power supply operation. This only applies when the BMC is configured for a redundant power subsystem. The power unit configuration is configured via OEM SDR records.

- A processor is disabled by FRB or BIOS.

- BIOS has disabled or mapped out some of the system memory.