



## LEDs

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This appendix describes the conditions indicated by the chassis and module LEDs on the Cisco Nexus 5600 Series switches.

This appendix includes the following sections:

- [Chassis and Module LEDs for the Cisco Nexus 5600 Series Switches, page D-1](#)

## Chassis and Module LEDs for the Cisco Nexus 5600 Series Switches

This section includes the following topics:

- [Chassis and Module LED Descriptions, page D-1](#)
- [Conditions Indicated by the Power Supply LEDs, page D-2](#)
- [Port LEDs for the Cisco Nexus 5624Q and 5648Q Switches, page D-3](#)

### Chassis and Module LED Descriptions

[Table D-1](#) describes the chassis LEDs for the Cisco Nexus 5600 Series switches.

**Table D-1** Chassis LED Descriptions

Indicator	Location	Function	Color	Status	State
Power (Status) LED	Front and Rear of Chassis	Chassis Power/Health	Green	Solid On	System is On and operating normally
				Off	Switch is powered off
			Amber	On	Fault condition
				Blinking	Fault condition and system will shutdown shortly

**Table D-1** Chassis LED Descriptions (continued)

Indicator	Location	Function	Color	Status	State
Fan Tray Status	Fan Trays	Fan tray health indicator (multi-color)	Green	Solid On	Fan tray operating normally
			Amber	Blinking	Fan inserted and pending to come online
			Red	Solid On	Fan failure
PSU Status Indicators	Power Supply (front)	PSU Health (multi-color)	Green	Off	No AC power to power supply
				Solid On	Power supply on and OK
			Amber	Solid On	Power supply failures, over voltage, over current, over temperature
				1 Hz blinking	AC present, 3.3VSB on, PSU is off
				Off	Operating normally
Chassis Locater	Front and Rear of Chassis	Identify selected chassis	Blue	Solid On	Chassis has been selected for locating
				Off	Chassis is not selected for locating.

Table D-2 table describes the status of the two power supply LEDs

## Conditions Indicated by the Power Supply LEDs

You can determine the power supply conditions by combining the LED states of the OK and FAIL LEDs (see Table D-2).

**Table D-2** Power Supply LED Descriptions

Power Supply Condition	OK LED (Green)	FAIL LED (Amber)
No AC or DC power to all power supplies.	Off	Off
Power supply failure, including over voltage, over current, over temperature, and fan failure.	Off	On
Power supply warning events where the power supply continues to operate. These events include high temperature, high power, and slow fan.	Off	Blinking
AC present, 3.3 voltage standby (VSB) on, and the power supply unit is off. For a DC power supply, it indicates that DC power is present.	Blinking	Off
Power supply on and OK.	On	Off

## Port LEDs for the Cisco Nexus 5624Q and 5648Q Switches

Table D-3 and Table D-4 describe the port LEDs for the Cisco Nexus 5624Q and 5648Q switches.

**Table D-3** *Non-break out Port LED Description for the Cisco Nexus 5624Q and 5648Q switches*

Port LED Conditions	Color
Link is up.	Green
QSFP removed or not present.	Amber
Link not up and QSFP present.	LED does not glow.
Beacon enabled.	Blinking amber and green.

**Table D-4** *Break out Port LED Description for the Cisco Nexus 5624Q and 5648Q switches*

Port LED Conditions	Color
All 4 Links up.	Green
1 to 3 links up.	Blinking Green
QSFP removed or not present.	Amber.
Link not up and QSFP present.	LED does not glow.

The Cisco Nexus 5624Q and 5648Q switches do not have separate LEDs to identify break out ports. If one or more break out ports are down, the port LED blinks green. When you enable beacon for port or interface, the port LED blinks alternating amber and green.

