Appendix A

Status Indicators

A.1 Front Indicators

A.1.1 Switch Indicators

Front panel LEDs are located on the right side of the chassis and display system, fan, and power supply status.

Figure A-1 displays the front panel LEDs for a representative switch.

Figure A-1: System Status Indicators

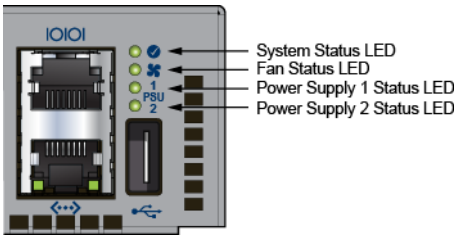

Table A-1 Switch Indicators LED States (Front)

LED Name	LED State	Device Status
System Status LED	Blinking Green	System is powering up.
	Green	Normal operations. Due to power supply and fan redundancy, this LED will remain green if a single fan or power supply is missing or in a failed state.
	Blue	The locater function is active.
	Amber	Two or more fans (any combination of fan modules or PSU fans) are disconnected or malfunctioning. The switch will automatically execute a “graceful shutdown” shortly.
Fan Status LED	Green	All fan and power modules are operating normally.
	Amber	Single fan module is removed or malfunctioning. It is also amber when a PSU is completely removed or has a stuck fan rotor.
	Red	Two or more fans (any combination of fan modules or PSU fans) are disconnected or malfunctioning. The switch will automatically execute a “graceful shutdown” shortly.
PSU [1:2] Status LED	Green	PSU is functioning and fully operational. AC is present, Aux output is ON, and Main output is ON.
	Off	PSU has been removed or is not operating properly due to AC cord being unplugged, its fan rotor being stuck, or an internal fault.

A.1.2 Port Indicators

Port LEDs, located in the vicinity of their corresponding ports, provide link and operational status. Figure A-2 displays the Port LED location on the DCS-7050QX-32S switch.

Figure A-2: Port LEDs

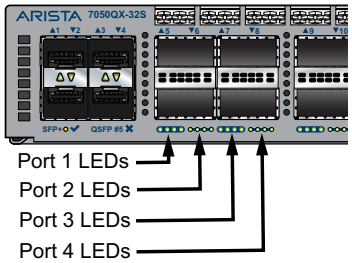

Table A-2 provides status conditions that correspond to port LED states. Port LED behavior for QSFP+ and SFP+ ports is consistent.

Table A-2 Port LED States (Front)

LED State	Status
Off	Port link is down.
Green	Port link is up.

Table A-2 Port LED States (Front) (Continued)

LED State	Status
Yellow	Port is software disabled.
Flashing Yellow	Port failed diagnostics.

A.2 Rear Status Indicators

Fan and power supply modules are accessed from the rear panel. Each fan and power supply module contains an LED that reports the module status.

Fan Status LEDs are on the fan modules, as displayed in Figure A-3.

Figure A-3: Fan Status LED

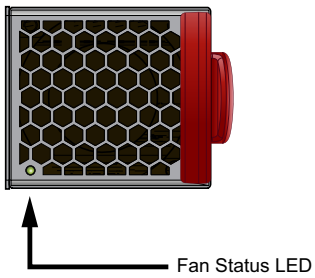

Table A-3 provides status conditions that correspond to fan status LED states.

Table A-3 Fan Status LED States (Rear)

LED State	Status
Off	The fan module is not detected. If it is inserted, it may not be seated properly.
Green	The fan is operating normally. This LED state is exclusive to its fan module, and independent of the states of its neighboring fans and power supplies.
Red	The fan has failed.

The AC Power Supply Status LEDs are on the power supply modules, as displayed in Figure A-4.

Figure A-4: AC Power Supply Status LED

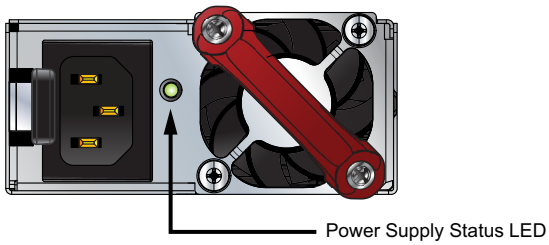

Table A-4 provides status conditions that correspond to the AC power supply status LED states.

Table A-4 AC Power Supply Status LED States (Rear)

Power Supply State	PWR-500AC-F PWR-500AC-R
Input power present Normal operation	Green
Input power present Power Supply fault	Yellow
No Input power Supply installed in chassis	Off
Input power present Supply not installed in chassis	Green

The DC Power Supply Status LEDs are on the power supply modules, as displayed in Figure A-5.

Figure A-5: DC Power Supply Status LED

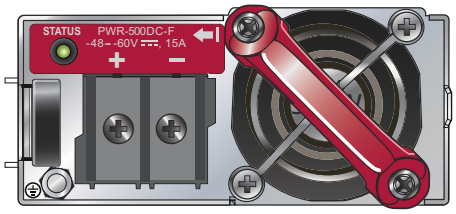

Table A-5 provides status conditions that correspond to the DC power supply status LED states.

Table A-5 DC Power Supply Status LED States (Rear)

Power Supply State	PWR-500DC-F PWR-500DC-R
Input power present Normal operation	Green
Input power present Power Supply fault	Blinking Yellow
No Input power Supply installed in chassis	Off
Input power present Supply not installed in chassis	Blinking Yellow

Note You can narrow down the error condition by logging in to the switch to view the specific device state. Refer to the **Arista User Manual**'s *Switch Environment Control* chapter, under the topic *Viewing Environment Status*, for further information on the `show environment` commands.