

# Cord Wire Count Guide

		FIXTURE OPTIONS				WIRE COLOR AND FUNCTION NOTES	
OPTION	CONTROLS			BATTERY	CORD & PLUG	WIRE COLOR	WIRE FUNCTION
OPTION SUB TYPE	ONBOARD	EXTERNAL (WIRED)					
Type	Wireless or standalone sensors	2-wire external dimming		Onboard batteries requiring extra unswitched hot wire	Straight blade or twist-lock plugs with cord		
Cat String Examples	NX BTSL AWNRR/AWNS ODPG	ED EDD DALI LUTH	ED, EDD (0-10V ONLY)	ELL14 ELL14ST ELL20 ELL40	C6P151 C6TL202		
3-WIRE	✓			✱	✓	GREEN	GROUND
						BLACK	HOT
						WHITE	NEUTRAL
4-WIRE	✓			✓		GREEN	GROUND
						BLACK	HOT (SWITCHED)
						WHITE	NEUTRAL
						RED	HOT (UNSWITCHED)
5-WIRE		✓		✱	#	GREEN	GROUND
						BLACK	HOT
						WHITE	NEUTRAL
						PURPLE	DIM + OR DALI/ECOSYSTEM
6-WIRE		✓		✓		PINK	DIM - OR DALI/ECOSYSTEM
						GREEN	GROUND
						BLACK	HOT (SWITCHED)
						WHITE	NEUTRAL
						RED	HOT (UNSWITCHED)
7-WIRE (FLEX ONLY)			✓	✱	#	PURPLE	DIM +
						PINK	DIM -
						GRAY/WHITE	COLOR TUNE -
						PURPLE/WHITE	COLOR TUNE +
						GREEN	GROUND
						BLACK	HOT (SWITCHED)
						WHITE	NEUTRAL
8-WIRE (FLEX ONLY)			✓	✓		RED	HOT (UNSWITCHED)
						PURPLE	DIM + OR DALI/ECOSYSTEM
						PINK	DIM - OR DALI/ECOSYSTEM
						GRAY/WHITE	COLOR TUNE -
						PURPLE/WHITE	COLOR TUNE +
						GREEN	GROUND
						BLACK	HOT (SWITCHED)
WHITE	NEUTRAL						

- ✓ Configuration available
- # Dimming/control wires will be separate from cord/flex, consult factory
- ✱ Fixtures with a cord/plug and battery cannot be switched externally, consult factory