

This guide provides important wiring information for 12-volt and 24-volt models of the Pioneer™ Series light. Refer to the tables below to determine the proper fuse value and wire function for your specific model:

Pioneer / Pioneer LP / Pioneer Micro / Pioneer Nano / Pioneer SlimLine / Pioneer Plus / Pioneer Plus (surface mount) (2-wire models)

Model	Style	Volt	Power	Fuse	Wire Colors
Pioneer	Flood	12V	35W	5A	RED (+), BLK (-)
Pioneer	Flood	24V	35W	5A	RED (+), BLK (-)
Pioneer LP		12V	35W	5A	RED (+), BLK (-)
Pioneer LP		24V	35W	5A	RED (+), BLK (-)
Pioneer Micro		12V	35W	5A	RED (+), BLK (-)
Pioneer Micro		24V	35W	5A	RED (+), BLK (-)
Pioneer Nano		12V	13W	3A	RED (+), BLK (-)
Pioneer Nano		24V	13W	3A	RED (+), BLK (-)
Pioneer SlimLine		12V	35W	5A	RED (+), BLK (-)
Pioneer SlimLine		24V	35W	3A	RED (+), BLK (-)
Pioneer Plus	Spot	12V	70W	10A	RED (+), BLK (-)
Pioneer Plus	Flood	12V	75W	10A	RED (+), BLK (-)
Pioneer Plus	Flood	24V	75W	5A	RED (+), BLK (-)
Pioneer Plus	Spot	12V	75W	10A	RED (+), BLK (-)
Pioneer Plus	Spot	24V	75W	5A	RED (+), BLK (-)
Pioneer Plus	Surface Mount	12V	75W	10A	RED (+), BLK (-)
Pioneer Plus	Surface Mount	24V	75W	5A	RED (+), BLK (-)

Pioneer / Pioneer LP / Pioneer SlimLine / Pioneer Plus / Pioneer Plus (surface mount) (4-wire models)

Model	Style	Volt	Power	Fuse*	Wire Colors
Pioneer	Flood	12V	70W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer	Flood	24V	70W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer LP		12V	70W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer LP		24V	70W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer SlimLine		12V	70W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer SlimLine		24V	70W	3A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Spot	12V	140W	10A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Flood	12V	150W	10A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Flood	24V	150W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Spot	12V	150W	10A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Spot	24V	150W	5A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Flood-Spot	12V	150W	10A	RED (Flood+), GRN (-) & WHT (Spot+), BLK (-)
Pioneer Plus	Spot-Flood	12V	150W	10A	WHT (Spot+), BLK (-) & RED (Flood+), GRN (-)
Pioneer Plus	Surface Mount	12V	150W	10A	WHT (+), BLK (-) & RED (+), GRN (-)
Pioneer Plus	Surface Mount	24V	150W	5A	WHT (+), BLK (-) & RED (+), GRN (-)

Pioneer Max (6-wire models)

Model	Style	Volt	Power	Fuse*	Wire Colors
Pioneer Max	Spot-Flood-Flood	12V	225W	10A	WHT (Spot+), BLK (-) & ORG (Flood+), BLU (-) & RED (Flood+), GRN (-)
Pioneer Max	Spot-Flood-Flood	24V	225W	5A	WHT (Spot+), BLK (-) & ORG (Flood+), BLU (-) & RED (Flood+), GRN (-)

* Fuse each (+) wire individually using the fuse value indicated

Optional Switch Kits

Optional switch kits are available for Pioneers that were ordered with the optional knuckle (for pole or pedestal mounting). Refer to the wiring diagrams below for connectivity information.

