From Grand Brass (www.grandbrass.com):

a. 3 candelabra sockets. Item SO20025-IC.
b. 3 candelabra socket cups. Item CU577BR.
c. 3 couplings. Item NE449NP.
d. 3 friction swivels. Item SV140.
e. 2 cluster bodies. Item BOT2.
f. 3 large swivels with teeth. Item SV100.
g. 1 cluster body with no side holes. Item BOS0X8.
h. 2 straight back tee. Item AB470
i. 6 bead nuts. Item NU430.
j. 12 feet cloth covered wire. Item WITWISTGREY.
k. 2 cast iron flanges. Item FLCROW
l. 1 1.5” coupling. Item NE 475

Arms:
1 - 3” arm. Item PIBP03
2 - 3.5” arm. Item PIBP03.5
1 - 4” arm. Item PIBP04
2 - 6” arm. Item PIBP06
1 - 7” arms. Item PIBP07
1 - 13” arm. Item PIBP13

(not shown, various other parts):
1 plug. Item PL183W
6 nipples, 1/2” long. Item N10-1/2x1/8.
2 blue wire nuts. Item WINUTB.
2 grey wire nuts. Item WINUTG.
Electrical tape. Item TAE60.

From McMaster-Carr (www.mcmaster.com):

25 feet white wire. Item 7587K954.
25 feet black wire. Item 7587K951.
Heat shrink tubing. Item 7864K22.

From House of Antique Hardware (www.houseofantiquehardware.com):

4 Small round carbon filament candelabra base bulbs. Item R-010KC-CNDL-RND.

Tools needed:
Wire strippers
Needlenosed pliers
Flat head screwdriver
Lighter or hairdryer for heat shrink tubing
Inside cluster body: details on page 5. Use blue wire nuts here.

Switch to cloth covered wire here. Use grey wire nuts here.

One black and one white wire goes from each socket to next cluster body.

Wiring sockets: details on page 4.

Wiring swivels: details on page 6. Please read! Includes Important notes about setting angles and avoiding short circuits.

Attaching the plug: details on page 7.
Strip wire and twist the ends.

Hook black wire around GOLD screw.

Tighten screw.

Do the same for the white wire and SILVER screw.

— Slide cardboard sleeve back on.
Gather all white wires together. Twist together with wire nut.

Gather all black wires together. Twist together with wire nut.
Slip heat shrink over wires. Shrink a little bit nearest the swivel, using a hair dryer or lighter. BE CAREFUL NOT TO BURN THE WIRES – move the lighter quickly and stop as soon as tubing has shrunk.

Bend wires and push them into the cavity of the swivel. Place washer over wires. It is best to set your angle now and not change – too much swiveling back and forth can cut the wires and cause a short circuit.

Slip the tubing down toward the swivel, so that the little shrunken bit goes inside the swivel.

Place the second half of the swivel on and tighten with the screw, making sure not to trap any wires between the two halves.
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