

KS-19261 TYPE LIGHT CONTROL UNITS IDENTIFICATION AND INSTALLATION

1. GENERAL

1.01 This section contains information on the following:

- KS-19261, List 1 light control unit
- KS-19261, List 2 light control unit
- KS-19261, List 3 light control unit
- KS-19261, List 4 light control unit
- KS-19261, List 5 light control unit
- KS-19261, List 10 light control kit.

1.02 The reasons for reissuing this section are listed below. Revision arrows are used to emphasize the more significant changes.

- (a) Add information on KS-19261, List 2 light control unit (four-position post)
- (b) Add Danger where KS-19261, List 4 light control photo cell grid is exposed.

1.03 The KS-19261 light control units are used to control the lights in outdoor telephone booths and enclosures. They can be used to control lights in multiple installations of five or less booths, and four-position cluster enclosure arrangements.

1.04 When the List 1, 2, 3, or 4 light control is exposed to a light level of 1-foot candle the lamps will be turned on. When exposed to a light level of 10-foot candles the lamps are turned off. These units are used to control fixtures up to 500 watts. The List 5 light control is similar to the Lists 1, 2, 3, and 4 except it is used to control fixtures up to 1000 watts.

1.05 See Danger paragraphs 2.04 and 3.18 for maintenance information.

2. IDENTIFICATION

A. KS-19261, List 1 Light Control Unit

2.01 The List 1 unit (Fig. 1) is designed for the following outdoor booths:

- KS-14611 Airlight booth (MD) is equipped with a KS-19207 light fixture.
- KS-16797 Universal booth (MD) is equipped with a KS-19207 light fixture.
- KS-19425 Universal II booth is equipped with a KS-19207 light fixture or light and blower unit.
- KS-19580 Airlight II or KS-21716 Airlight III booth is equipped with a KS-19207 light fixture or light and blower unit.

B. KS-19261, List 2 Light Control Unit

2.02 The List 2 unit (Fig. 2) is designed for the following outdoor booths and telephone enclosure:

- KS-14611 Airlight booth (MD) is equipped with B-185379 light fixture.
- KS-16797 Universal booth (MD) is equipped with B-185379 light fixture.
- KS-20842 SENTRY* public telephone enclosure (four-position cluster arrangement).

C. KS-19261, List 3 Light Control Unit

2.03 The List 3 unit (Fig. 3) is designed for use in the KS-19426 walk-up, drive-up mounting.

* Trademark of Western Electric Company.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

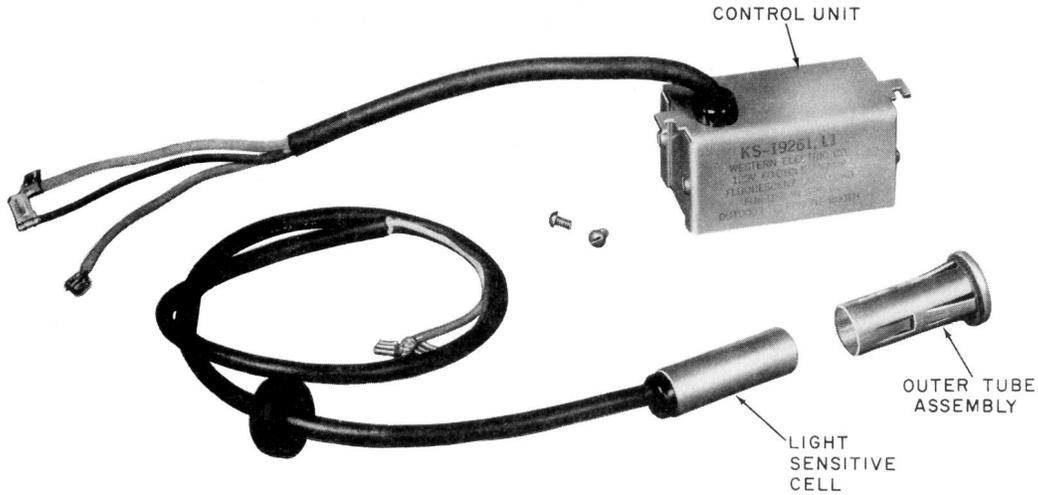


Fig. 1—KS-19261, List 1 Light Control Unit

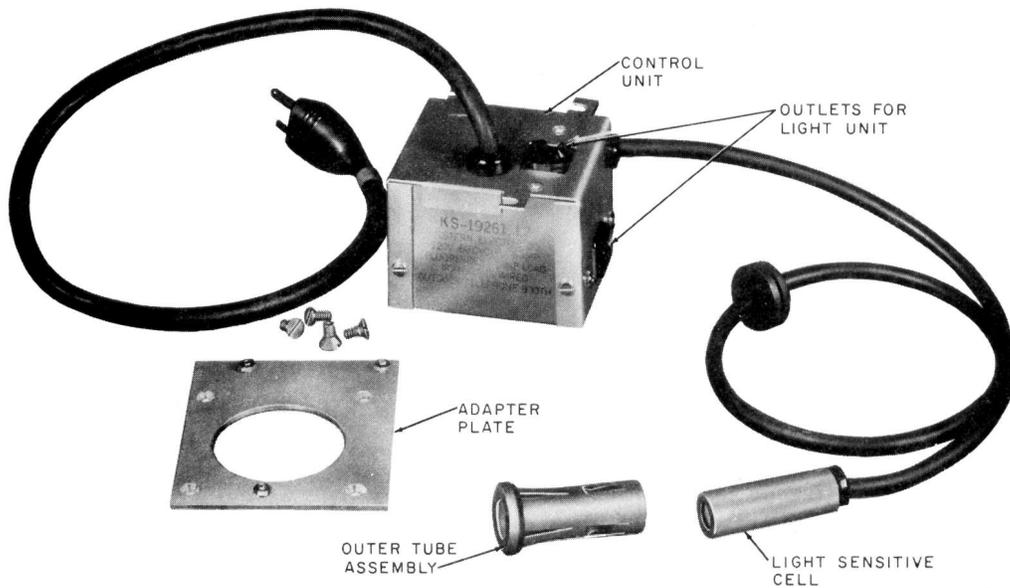


Fig. 2—KS-19261, List 2 Light Control Unit

D. KS-19261, List 4 Light Control Unit

⚠Danger: An electrical shock could result if the grid of the light sensitive cell on the KS-19261, List 4 light cell unit is not completely sealed with plastic. A protective cover over the grid should be kept in place at all times. On maintenance vis-

its, inspect each cell to make sure cover is not missing. Units marked with a black ring located close to the grid of the cell have been modified at the factory. Refer to paragraph 3.18 for installation of plastic protective cover.⚠

2.04 The List 4 unit (Fig. 4 or 5) is designed for use

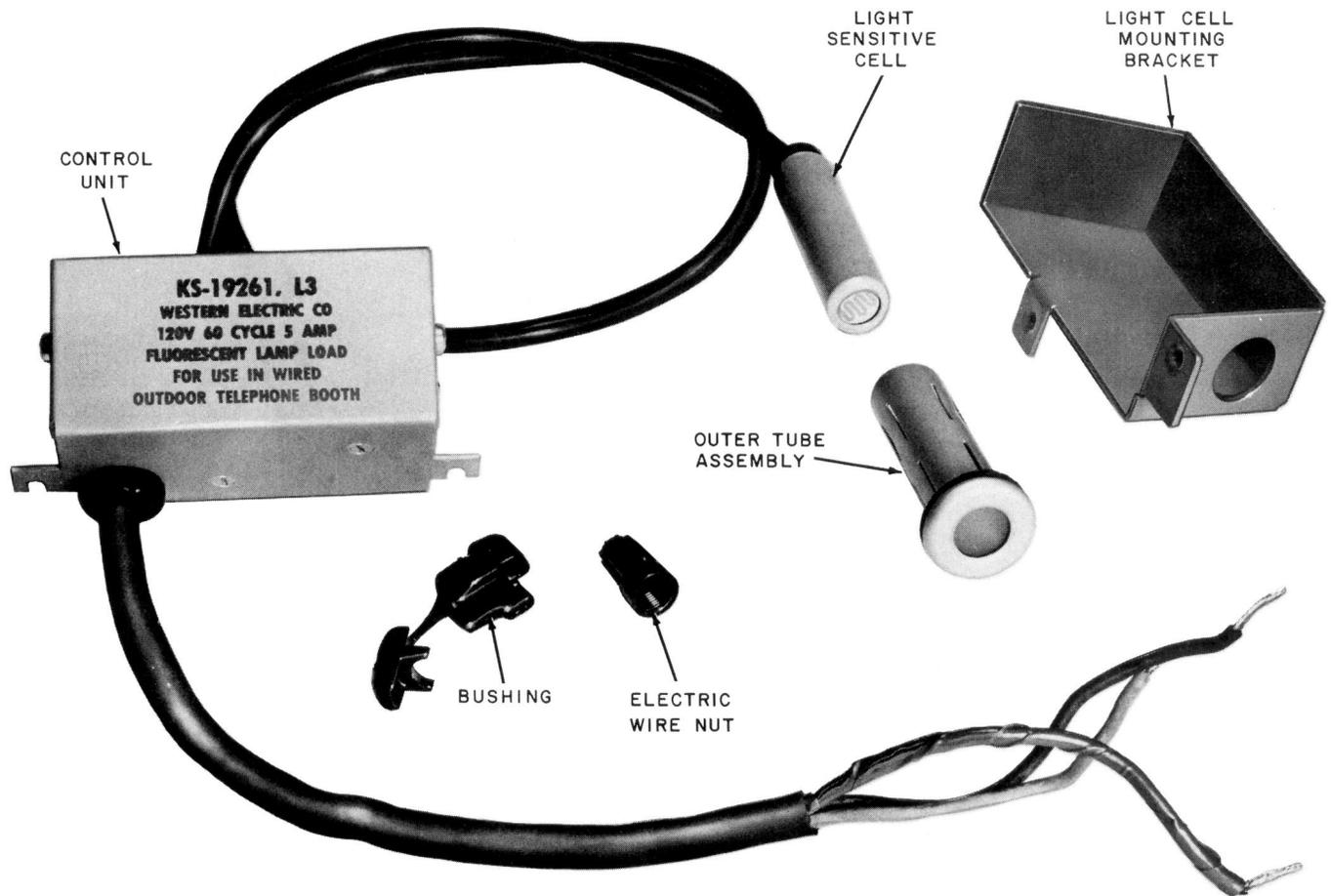


Fig. 3—KS-19261, List 3 Light Control Unit

with KS-20842 SENTRY public telephone enclosure in single, back-to-back, or side-by-side installation with and without knockout for light control.

E. KS-19261, List 5 Light Control Unit

2.05 The List 5 unit (Fig. 6) is used in the KS-20842 SENTRY public telephone enclosure (wall), List 42 or 45. *It can be field or factory installed only in mountings equipped with a knockout located in the bottom cover of the mounting.*

F. KS-19261, List 10 Light Control Kit

2.06 The List 10 kit (Fig. 7) is used when underground wiring is involved with the KS-20842 SENTRY public telephone enclosure.

3. INSTALLATION

A. KS-19261, List 1 Light Control Unit

3.01 Install the List 1 in a KS-14611 or KS-16797 *single* booth equipped with KS-19207 light fixture as follows.

Danger: Use eye protection for the following operations.

- (1) Remove power cord from receptacle.
- (2) Lower the dome as shown in Fig. 8 and remove lamp(s).
- (3) Release roof fasteners and remove roof from booth.



Fig. 4—KS-19261, List 4 Light Control Unit (Early Model)

- (4) Remove knockout from side of light fixture (Fig. 9) and install control unit as shown.



The light cell is mounted in the right-front corner of the roof. Some booths have a plug or knockout for this purpose. If a plug or knockout does not exist, drill one 11/16-inch diameter

hole in the roof as shown in Fig. 10 or 11. A Greenlee knockout punch should be used if available.

- (5) Insert outer tube assembly (Fig. 12) through 11/16-inch hole in roof from outside until tabs lock behind edge of hole.

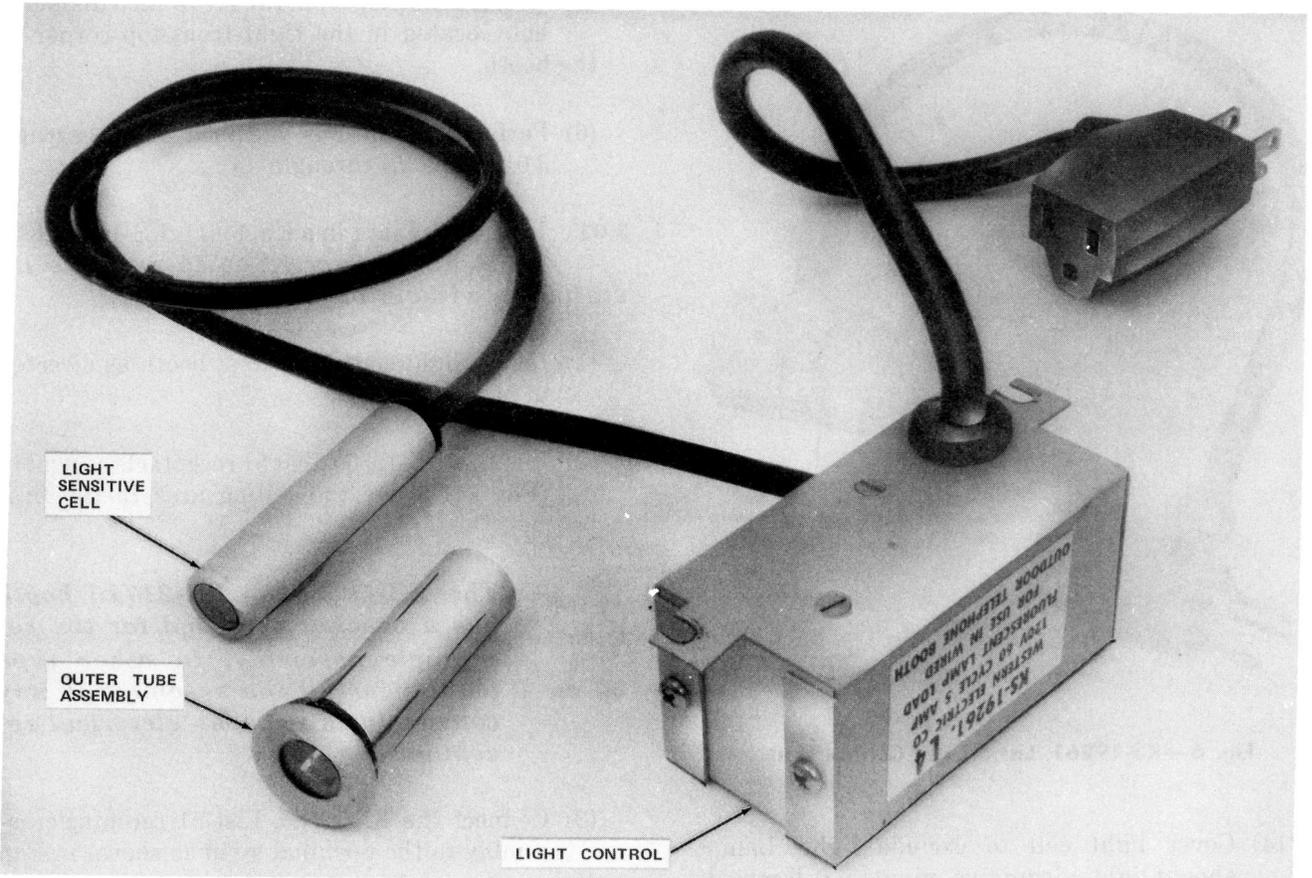


Fig. 5—KS-19261, List 4 Light Control Unit (Later Model)

- (6) Remove terminal board cover and connect control unit wiring to terminals as follows:

WIRE COLOR	CONNECT TO TERMINAL
W	9
R	4
BK	1

- (7) Connect light cell wiring to terminals as follows:

WIRE COLOR	CONNECT TO TERMINAL
W	13
BK	9

- (8) Remove strap wire from between terminals 1 and 4 of terminal strip.

- (9) Install terminal board cover.

- (10) Place roof on booth and insert light sensitive cell fully into outer shell.

- (11) Secure roof to booth.

- (12) Install lamp(s) and fasten dome.

- (13) Connect power cord to receptacle.



Fig. 6—KS-19261, List 5 Light Control Unit

(14) Cover light cell to exclude light. Lamps should light within two minutes. If lamps do not light:

- (a) Place a strap between terminals 1 and 4 on terminal strip.
- (b) If lamp illuminates, remove strap and replace existing light control unit with a new light control unit.

3.02 Install List 1 unit in KS-19425, KS-19580, or KS-21716 **single** booth as follows.

Danger: Use eye protection for the following operations.

- (1) Remove power cord from receptacle.
- (2) Remove the dome as shown in Fig. 13 and remove lamps.
- (3) Remove 12 screws and move roof to one side.
- (4) Remove knockout from rear of light fixture (Fig. 9) and install control unit as shown.

(5) Remove the plug from the 11/16-inch diameter hole located in the right-front-top corner of the booth.

(6) Perform operations outlined in paragraph 3.01, Steps (5) through (14).

3.03 Install the List 1 in a KS-14611, KS-16797, KS-19425, KS-19580, or KS-21716 **multiple installation without blowers** as follows.

- (1) Install light control in first booth as directed in paragraph 3.01.
- (2) Install a KS-19580, List 51 receptacle assembly (Fig. 14) above the ceiling area in the first booth.



The KS-19580 or KS-21716 booth has a bracket provided for the receptacle assembly. In other type booths, install the assembly in any convenient area near electrical receptacle.

(3) Connect the KS-19580, List 51 receptacle assembly to the terminal strip as shown in Fig. 15.

(4) Connect the electrical plug of the second booth to the KS-19580, List 51 receptacle assembly of the first booth. Connect the electrical plug of the third, fourth, and fifth booth to the receptacle of the previous booth (Fig. 15).

3.04 Install the List 1 in a KS-19425, KS-19580, or KS-21716 **multiple installation with blowers** as follows.

(1) Install light control in first booth as directed in paragraph 3.02.

(2) Install a KS-19580, List 51 receptacle assembly (Fig. 14) above the ceiling area in each booth.



The KS-19580 or KS-21716 booth has a bracket provided for the receptacle assembly. In other type booths, install the assembly in any convenient area near electrical receptacle.

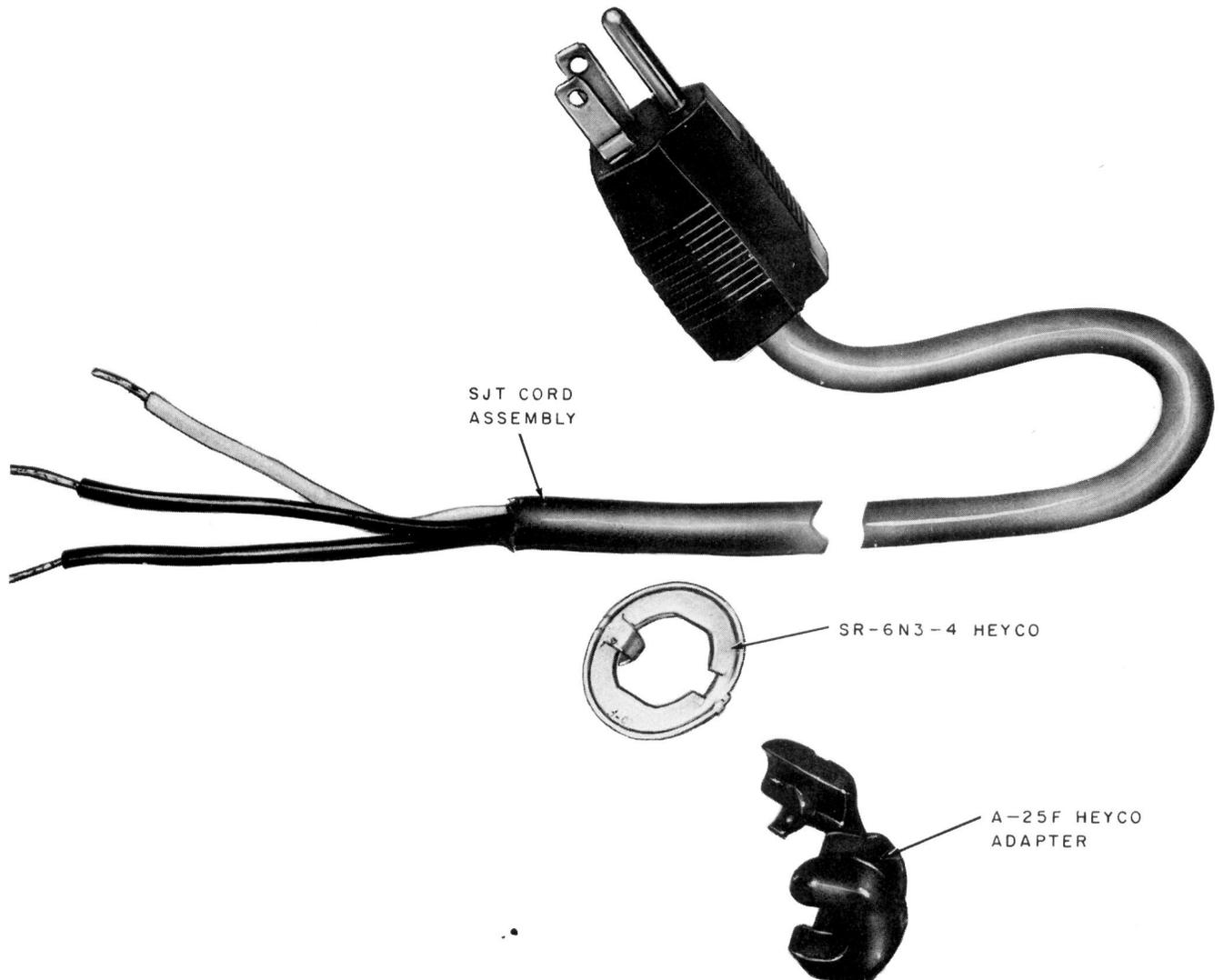


Fig. 7—KS-19261, List 10 Light Control Kit

(3) Connect the KS-19580, List 51 receptacle assemblies to the terminal strips as shown in Fig. 16.

(4) Using KS-19425, List 22 cable assemblies, connect the KS-19580, List 51 receptacle assembly of the second, third, fourth, and fifth booth to the List 51 receptacle assembly of the previous booth (Fig. 16).

(5) Using KS-19425, List 22 cable assemblies, connect the booth receptacle of the second, third,

fourth, and fifth booth to the booth receptacle of the previous booth (Fig. 16).

B. KS-19261, List 2 Light Control Unit

3.05 Install List 2 unit in KS-14611 booth, equipped with B-185379 light fixture as follows.

Danger: Use eye protection for the following operations.

(1) Remove power cord from receptacle.



Fig. 8—Dome in Lowered Position (KS-14611 or KS-16797 Booth)

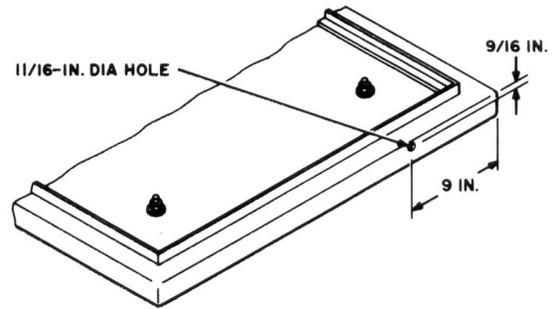


Fig. 10—Locating Hole in Roof of KS-14611 Booth for Light Cell

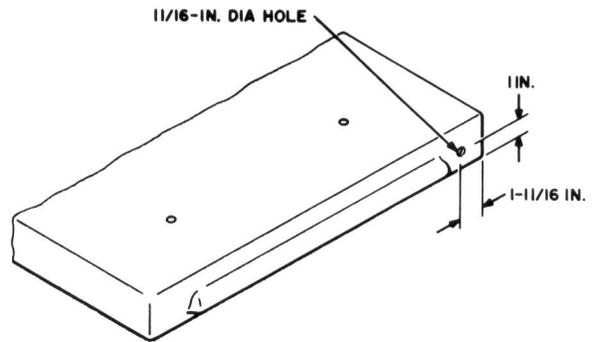


Fig. 11—Locating Hole in Roof of KS-16797 Booth for Light Cell

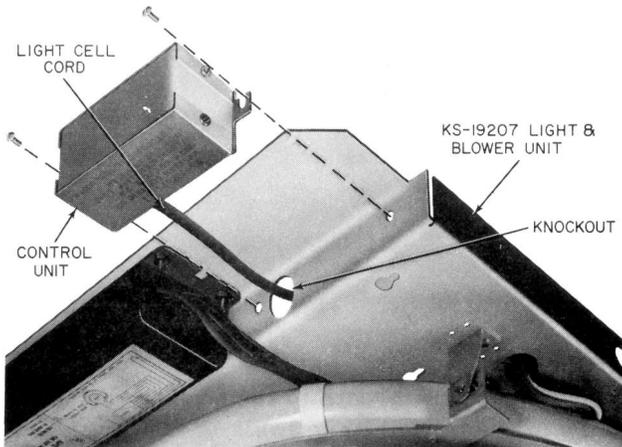


Fig. 9—Installation of List 1 Light Control Unit on Light Fixture

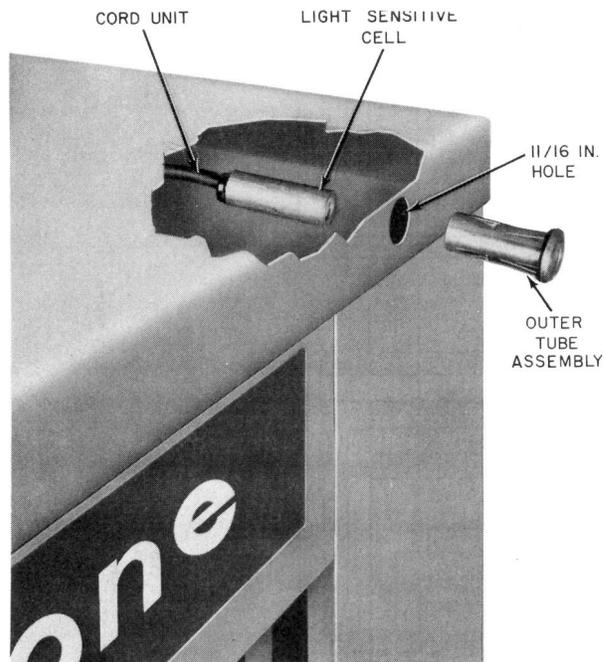


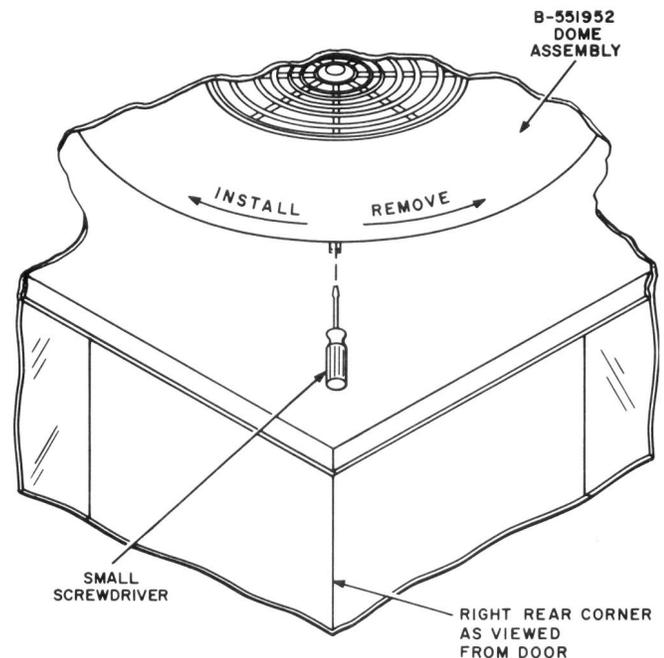
Fig. 12—Method of Installing Light Cell

- (2) Lower the dome, unplug light fixture, and remove lamps.
- (3) Remove top access plate located in right-rear inside corner, and remove light plug from receptacle.
- (4) Remove roof retaining nuts.
- (5) Remove light fixture and light fixture cord mounting plate.
- (6) Remove roof from booth.



The light cell is mounted in the right-front corner of the roof. Some booths have a plug or knockout for this purpose. If a plug or knockout does not exist, drill one 11/16-inch diameter hole in the roof as shown in Fig. 10. A Greenlee knockout punch should be used if available.

- (7) Drill an 11/16-inch diameter hole down through ceiling 4-1/2 inches toward front of booth from center of cross braces (Fig. 17).



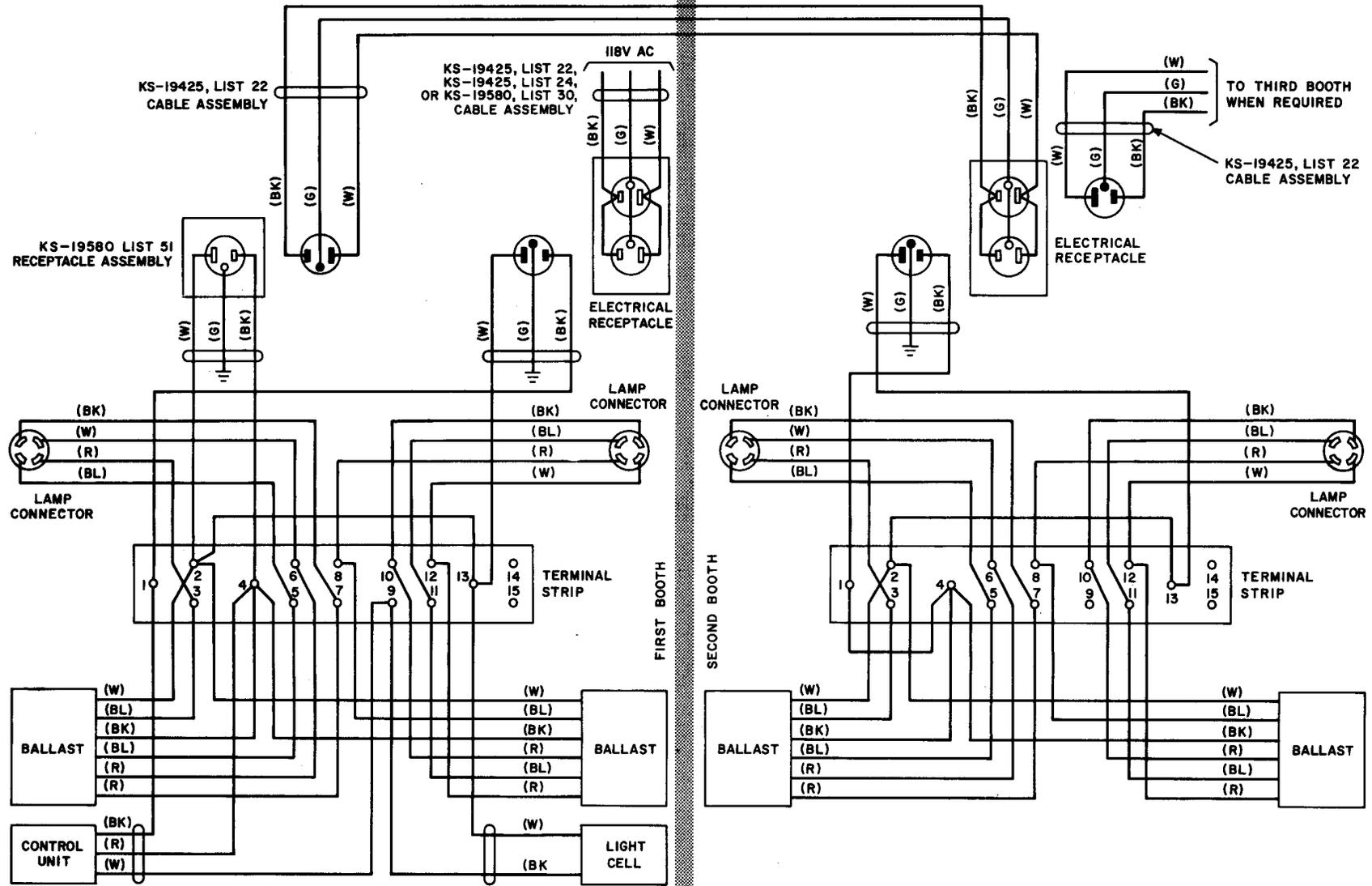
NOTES:

1. FOR REMOVAL, INSERT SMALL SCREWDRIVER THROUGH SLOT IN CEILING, DEPRESS DETENT SPRING, AND TURN DOME ASSEMBLY COUNTERCLOCKWISE.
2. FOR INSTALLATION, PLACE DOME ASSEMBLY IN CEILING AND TURN IT CLOCKWISE UNTIL DETENT SPRING ENGAGES AND LOCKS DOME.

Fig. 13—Method of Removing Dome Assembly

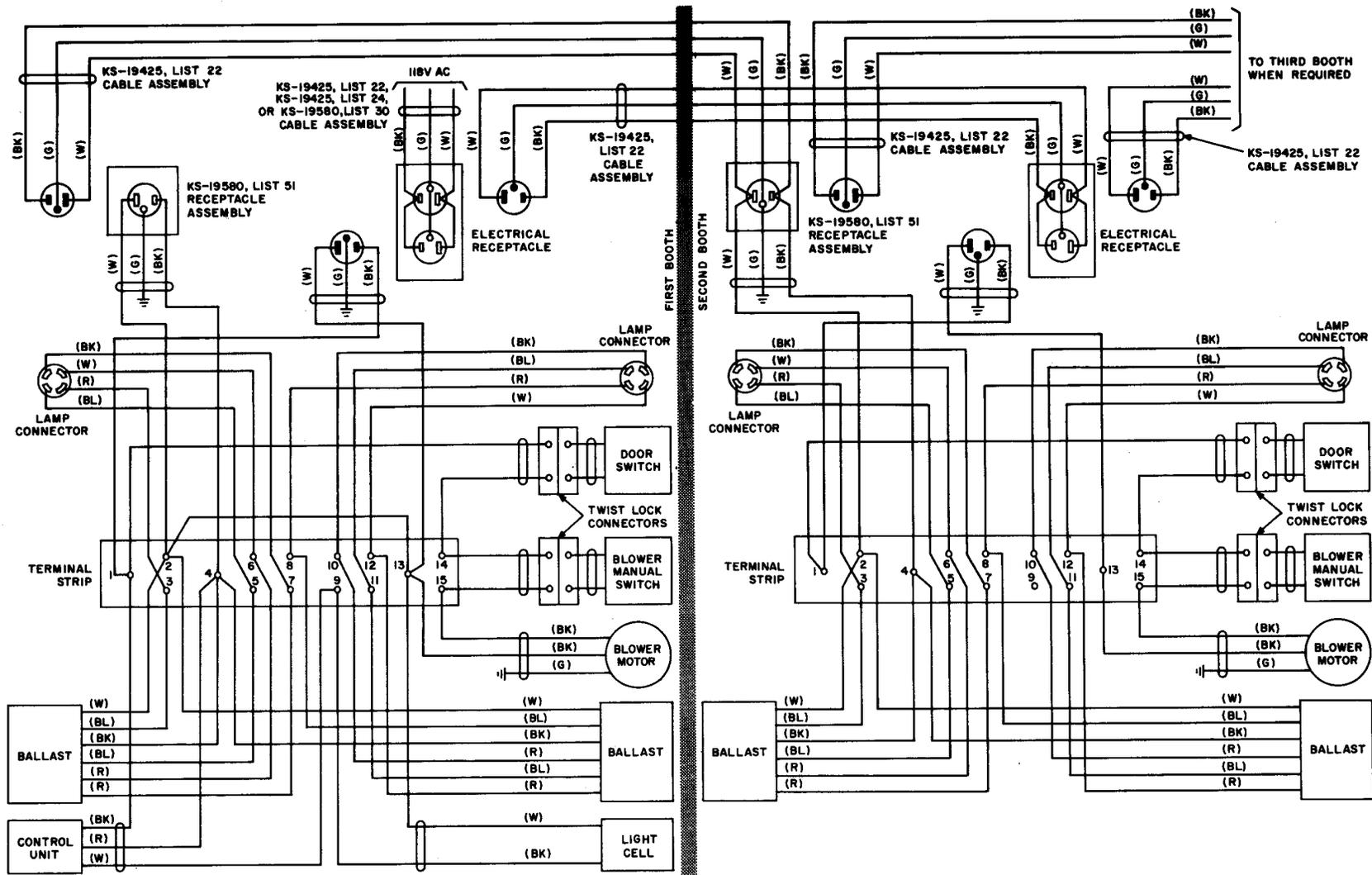


Fig. 14—KS-19580, List 51 Receptacle



FOR MULTIPLE INSTALLATIONS USING KS-19207, LIST 7 UNITS, AND USING A KS-19261 LIGHT CONTROL UNIT (MAXIMUM OF FIVE BOOTHS FOR EACH CONTROL UNIT), REMOVE THE STRAP WIRE FROM TERMINAL STRIP TERMINALS 1 AND 4 IN FIRST BOOTH. INSTALL A KS-19580, LIST 51 RECEPTACLE ASSEMBLY IN THE FIRST BOOTH. CONNECT ELECTRICAL RECEPTACLE OF SECOND BOOTH TO LIST 51 RECEPTACLE OF FIRST BOOTH USING KS-19425, LIST 22 CABLE ASSEMBLY. CONNECT ELECTRICAL RECEPTACLE OF THIRD, FOURTH, AND FIFTH BOOTHS TO ELECTRICAL RECEPTACLE OF PREVIOUS BOOTH USING KS-19425, LIST 22 CABLE ASSEMBLY.

Fig. 15—Wiring Diagram of KS-19261 Light Control Unit Used in Multiple Installation Without Blowers



NOTE:
 FOR MULTIPLE INSTALLATIONS USING KS-19207, LIST 3 LIGHT AND BLOWER UNITS, AND USING A KS-19261 LIGHT CONTROL UNIT (MAXIMUM OF FIVE BOOTHS FOR EACH CONTROL UNIT), REMOVE THE STRAP WIRE FROM TERMINAL STRIP TERMINALS 1 AND 4 IN ALL BOOTHS. REMOVE THE STRAP WIRE FROM TERMINALS 2 AND 13 IN ALL BOOTHS EXCEPT FIRST BOOTH. INSTALL A KS-19580, LIST 51 RECEPTACLE ASSEMBLY IN EACH BOOTH. CONNECT LIST 51 RECEPTACLE OF SECOND, THIRD, FOURTH AND FIFTH BOOTHS TO LIST 51 RECEPTACLE OF PREVIOUS BOOTH USING KS-19425, LIST 22 CABLE ASSEMBLY. CONNECT ELECTRICAL RECEPTACLES IN SAME MANNER.

Fig. 16—Wiring Diagram of KS-19261 Light Control Unit Used in Multiple Installation With Blowers

- (8) Attach light cell adapter plate to inside of ceiling so that the pair of light control unit mounting bolts are toward the front of booth (Fig. 18).
- (9) Place light control cord up through large hole and secure light control unit to adapter plate.
- (10) Place light cell up through previously drilled hole and insert grommet.
- (11) From top of booth, place light control unit cord plug into area of power receptacle.
- (12) Place outer tube assembly through roof hole from outside until tabs lock behind edge of hole (Fig. 12).
- (13) Place light cell into shell and put roof into position.
- (14) Bend light cord mounting plate and wedge it under ballast (Fig. 19).
- (15) Plug light cord into control unit (Fig. 18).
- (16) Replace lamps and roof retaining nuts.
- (17) Plug light control unit cord into receptacle and replace access plate.
- (18) Secure dome and plug the power cord into receptacle.
- (19) Cover light cell to exclude light. Lamps should light within two minutes. If lamps do not light proceed as follows:
 - (a) Remove light plug from light control unit and plug it into electrical receptacle.
 - (b) If lamp(s) illuminates, replace light control unit.

3.06 Install List 2 unit in KS-16797 booth equipped with a B-185379 light fixture as follows.

Danger: Use eye protection for the following operations.

- (1) Remove power cord from receptacle.

- (2) Lower the dome, unplug light fixture, and remove lamps.
- (3) Remove roof retaining nuts and cord plate.
- (4) Remove light fixture and cord mounting plate and set it aside.
- (5) Remove roof from booth.



The light cell is mounted in the right-front corner of the roof. Some booths have a plug or knockout for this purpose. If a plug or knockout does not exist, drill one 11/16-inch diameter hole in the roof as shown in Fig. 11. A Greenlee knockout punch should be used if available.

- (6) Secure light control adapter plate on ceiling where cord plate was removed (Fig. 20). This adapter plate must be placed with the two control unit mounting bolts toward the left rear corner of booth.
- (7) Locate and drill one 11/16-inch diameter hole in the ceiling as shown in Fig. 20.
- (8) Push light cell and cord through hole drilled in ceiling and secure grommet. Push the power cord through 2-inch hole and attach control unit to adapter plate (Fig. 21).
- (9) Place outer tube assembly (Fig. 12) through roof hole from outside until the tabs lock behind edge of hole.
- (10) Place control unit power cord plug near receptacle so that it may be reached from inside of booth.
- (11) Place light cell into shell and put roof into position.
- (12) Bend light cord plate and wedge under ballast (Fig. 19).
- (13) Hold light fixture near ceiling and plug light cord into ceiling unit. Position light fixture so that ballast lies along the diagonal from left to rear right booth (starters toward left rear of booth).

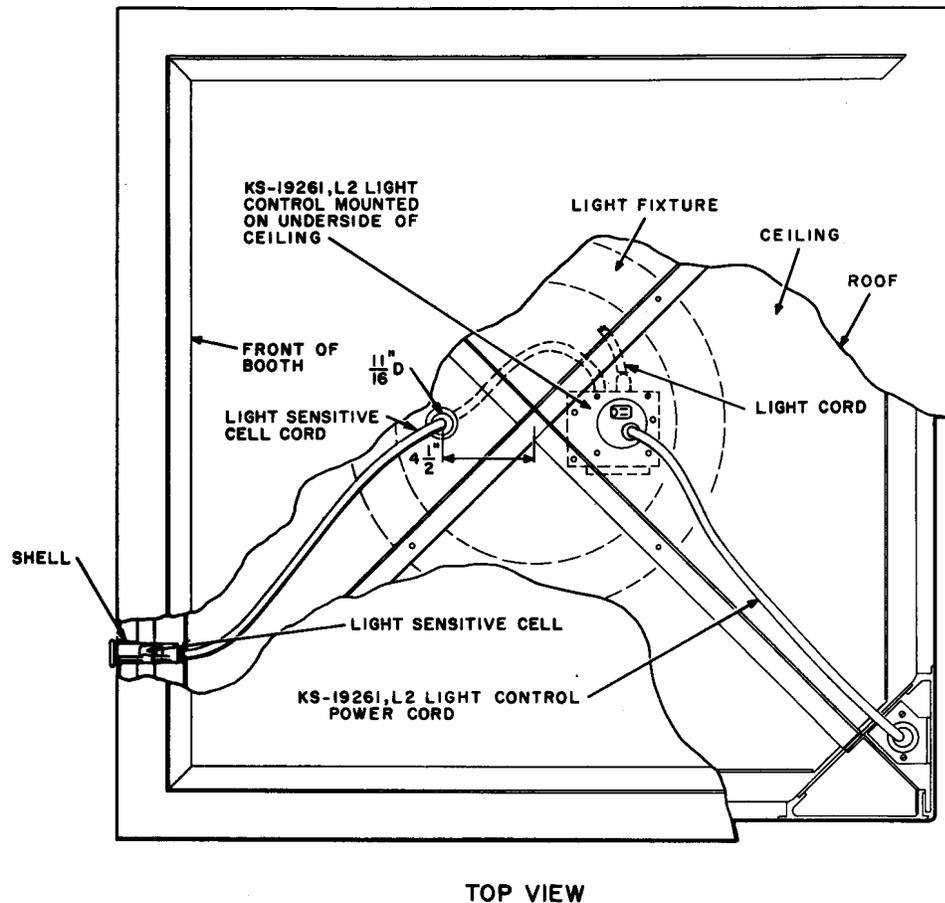


Fig. 17—Ceiling Layout of KS-14611 Booth (Top View)

- (14) Secure light assembly and roof, replace lamps, and plug control unit into receptacle.
- (15) Secure dome and plug power cord into receptacle.
- (16) Cover light cell to exclude light. Lamps should light within two minutes. If lamps do not light:
 - (a) Remove light plug from light control unit and plug it into electrical receptacle.
 - (b) If lamp(s) illuminates, replace light control unit.
- (1) Install light control in first booth as directed in paragraph 3.05 or 3.06.
- (2) Plug power cord from electrical receptacle of second booth into extra outlet in light control unit of first booth.
- (3) Plug power cord from electrical receptacle of third, fourth, and fifth booth into electrical receptacle of previous booth.

3.07 Install List 2 unit in a KS-14611 or KS-16797 **multiple installation** equipped **B-185379 light fixtures** as follows.

3.08 ♦The KS-19261, List 2 light control unit (Fig. 2) is also intended for use with KS-20842 SENTRY public telephone enclosure, four position cluster arrangement (Fig. 22) as follows.

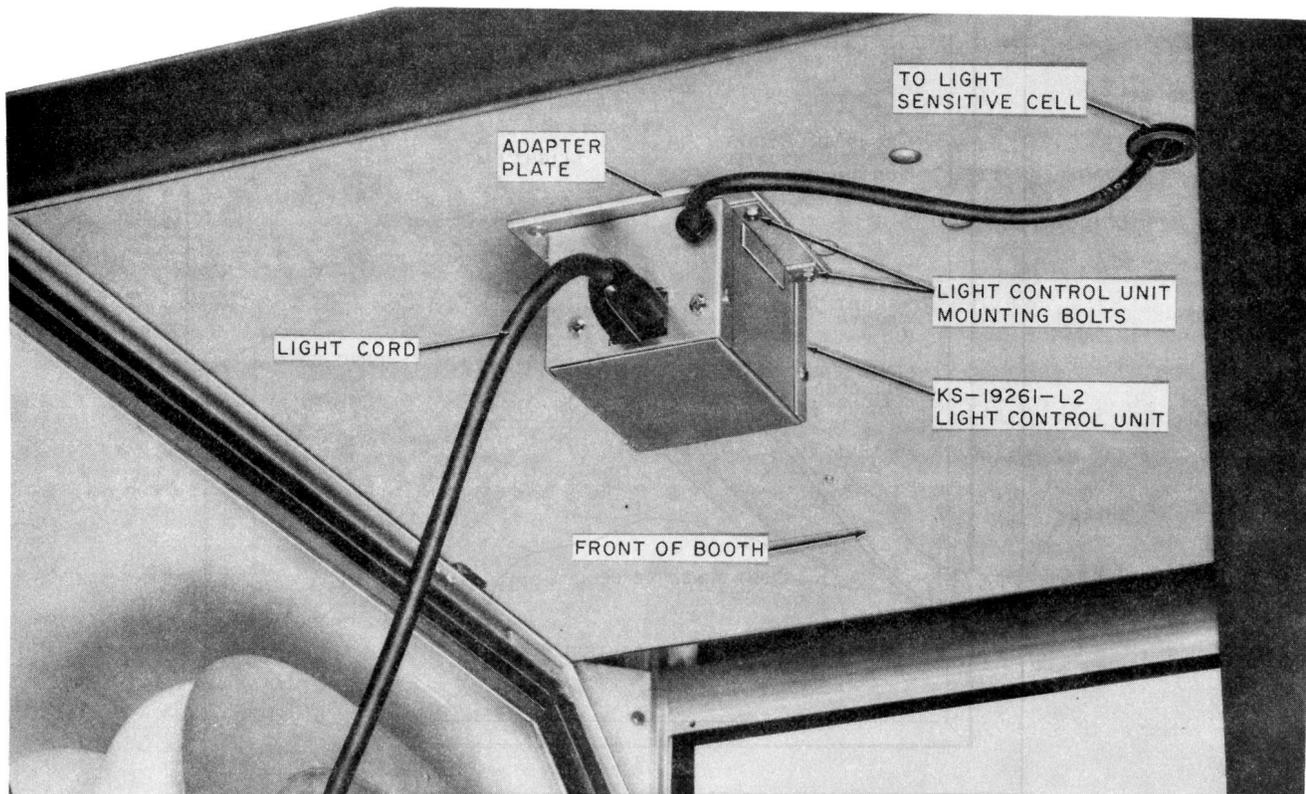


Fig. 18—Position of List 2 Light Control Unit on Ceiling of KS-14611 Booth



The post must be prewired using the four (4) L-765058 wire cord assemblies and the four (4) housing cords plugged into the electrical socket in each KS-20842, List 45 mounting.

- (1) Using a KS-19192, List 1 wrench, remove front panel from post.
- (2) Remove 11/16-inch knockout located on right side of post.
- (3) Install light control unit by sliding into mounting bracket and fasten with three (3) screws furnished with bracket. Discard the adapter plate and associated screws.
- (4) From inside post, insert light sensitive cell in knockout hole. From outside post install outer tube assembly over cell making sure spring clip on

outer tube assembly engages the knockout hole completely.

- (5) Plug two of the L-765058 wire cord assemblies from two of the KS-20842, List 45 mountings together and plug them into one of the light control unit outlets.
- (6) Plug second set of List 45 wire cord assemblies together and plug into other outlet on light control unit.
- (7) Plug light control power cord into the post electrical outlet.◆

C. KS-19261, List 3 Light Control Unit

- 3.09 Install the List 3 in KS-19426 mounting unit as follows.

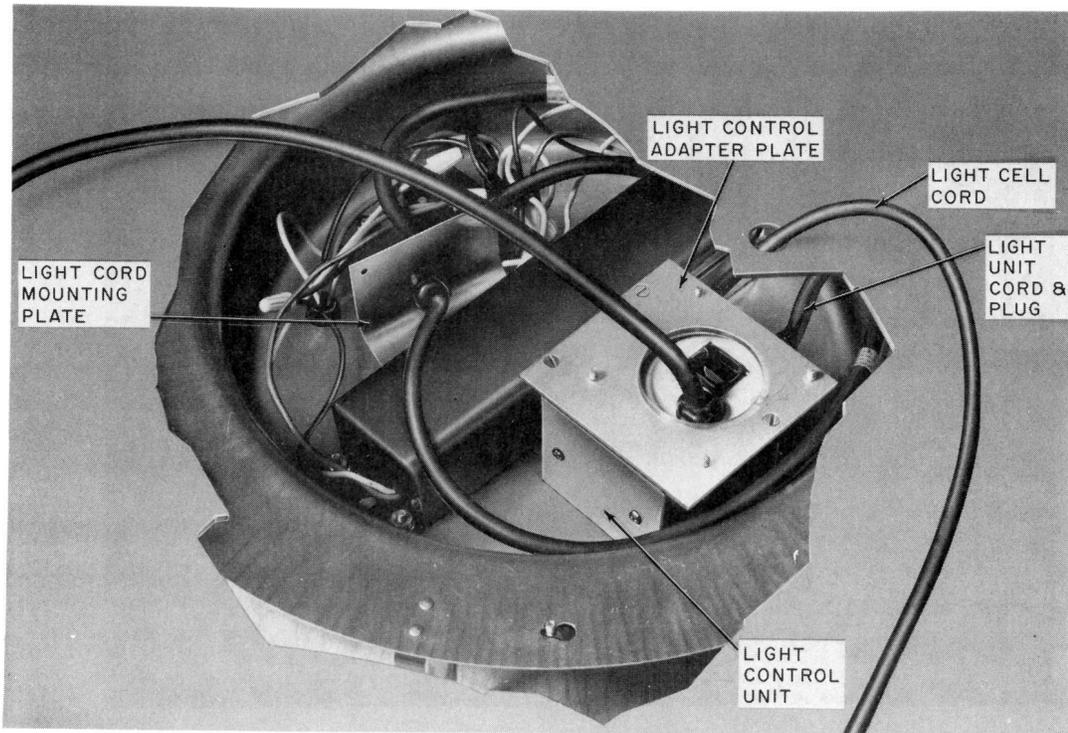


Fig. 19—Position of Light Control in Light Fixture

- (1) Using KS-19192, List 1 wrench, remove four tamperproof screws, retainer bar, and the light shield from housing. Refer to Section 508-451-100 for detailed procedures.
- (2) Remove coin telephone from housing.
- (3) Remove wire channel (Fig. 23) from right side of housing.
- (4) Install control unit in the upper portion of the housing on the bracket provided.
- (5) Connect control unit wires to electrical receptacle as shown in Fig. 24.
- (6) Run the light cell cable down the channel to the underside of the housing.
- (7) Install the wire channel, removed in Step (3), in its original position.
- (8) Install the light cell in the light cell mounting bracket as shown in Fig. 25.
- (9) Secure the bracket to the bottom of the housing as shown in Fig. 26.
- (10) Install the coin telephone.
- (11) Install light shield as follows.
 - (a) Slide light shield over the panel retaining channels and verify that shield is seated properly against gasket. Ensure that back edge of shield is engaged in KS-19426, List 34 top assembly, or B-564418 subset cover assembly (whichever is applicable).
 - (b) Install shield retainer bar across top of housing using four No. 10-24 by 1/2 tamper proof screws, and KS-19192, List 1 wrench.
- (12) Cover light cell to exclude light. Lamps should light within two minutes. If lamps do not light proceed as follows:
 - (a) Remove electric wire nut (Fig. 24) from black wires. Connect black wire from ac

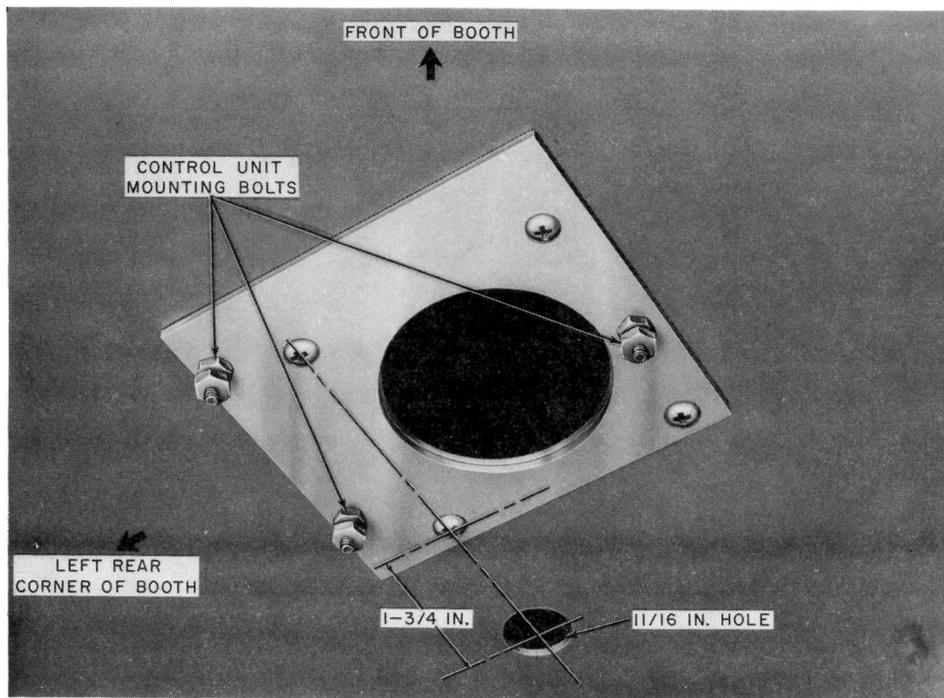


Fig. 20—Installation of Adapter Plate to Ceiling of KS-16797 Booth

power source to electrical receptacle on terminal opposite white wire.

(b) If lamp illuminates, replace light control unit.

3.10 Install the List 3 unit in a multiple installation as follows:

- (1) Install light control in first mounting as directed in paragraph 3.09.
- (2) Connect wires of control unit to electrical receptacle of prime mounting as shown in Fig. 23.



The prime mounting is the one into which the outside power wiring is connected.

- (3) Connect the electrical receptacle of each succeeding mounting to the electrical receptacle of previous mounting with approved No. 14 gauge wire.

D. KS-19261, List 4 Light Control Unit

3.11 Install the List 4 unit in KS-20842 SENTRY public telephone enclosure which is not equipped with a knockout located above the front panel. It can be used for control of lights at single, back-to-back, or side-by-side installations.



Refer to Section 508-452-100 or 508-452-103 for assembly and disassembly of parts in the following procedures.

⚠Danger: An electrical shock could result if the grid of the light sensitive cell on the KS-19261, List 4 light cell unit is not completely sealed with plastic. A protective cover over the grid should be kept in place at all times. On maintenance visits, inspect each cell to make sure cover is not missing. Refer to paragraph 3.18 for installation of plastic protective cover.⚠

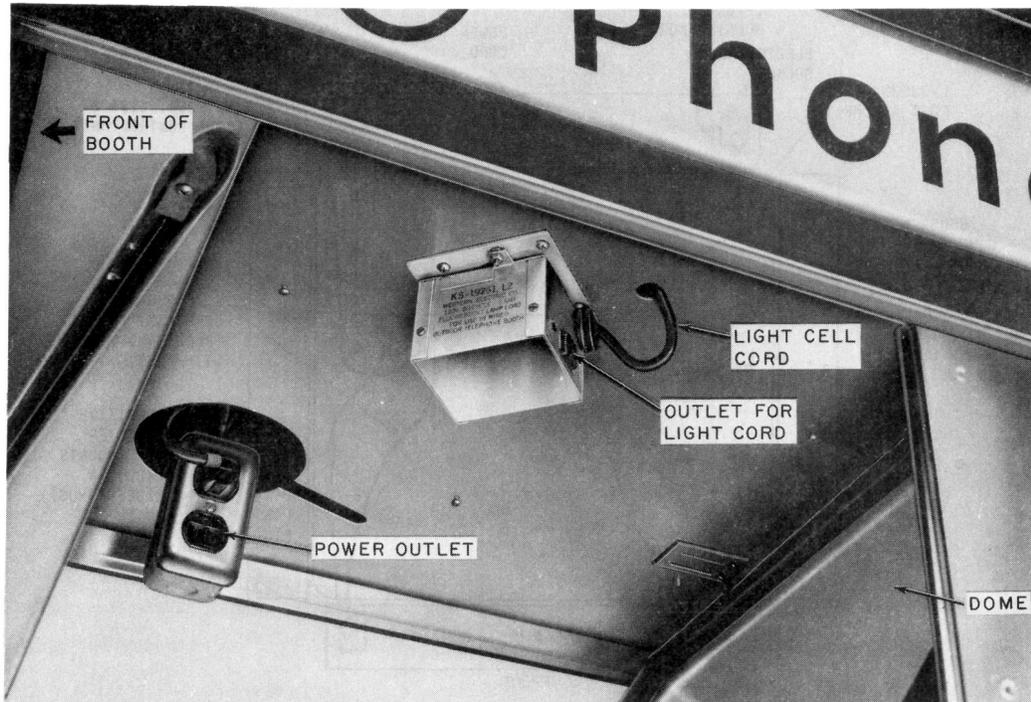


Fig. 21—Position of Light Control on Ceiling of KS-16797 Booth

3.12 Install the post mounted List 31 housing (Fig. 27) as follows.

- (1) Using a KS-19192, List 1 wrench, remove front panel from post and L-765034 cover from housing.
- (2) Install the KS-19261, List 4 light control box on mounting bracket in lower right portion of post.
- (3) Plug light control cord into electrical outlet and install the light sensitive cell in the housing using the two clamps and screws provided with light control.
- (4) Plug housing cord into back of light control plug.
- (5) Replace cover and panel removed in Step (1).

3.13 Install post and wall mounted Lists 32, 33, and 34 housings, and post mounted Lists 35 and 35A housings as follows.

- (1) Using KS-19192, List 1 wrench, remove the front panel from the post or mounting.
- (2) Remove the two nuts and washers from the L-767032 cover located under shelf (Fig. 28).
- (3) Insert cell from inside the post through hole in lower part of housing and install the KS-19261, List 4 light control box on mounting bracket in lower right portion of post or mounting.
- (4) Fasten the light cell to the L-767032 cover using the two clamps and screws provided with the light control. Position the end of the cell so that it just touches the plastic plug located in end of cover.
- (5) Plug the light control cord into the electrical outlet (Fig. 28).
- (6) Insert the housing power cord into the rear of the light control cord.
- (7) Install the L-767032 cover (Fig. 28) under shelf and install front panel on post or mounting.

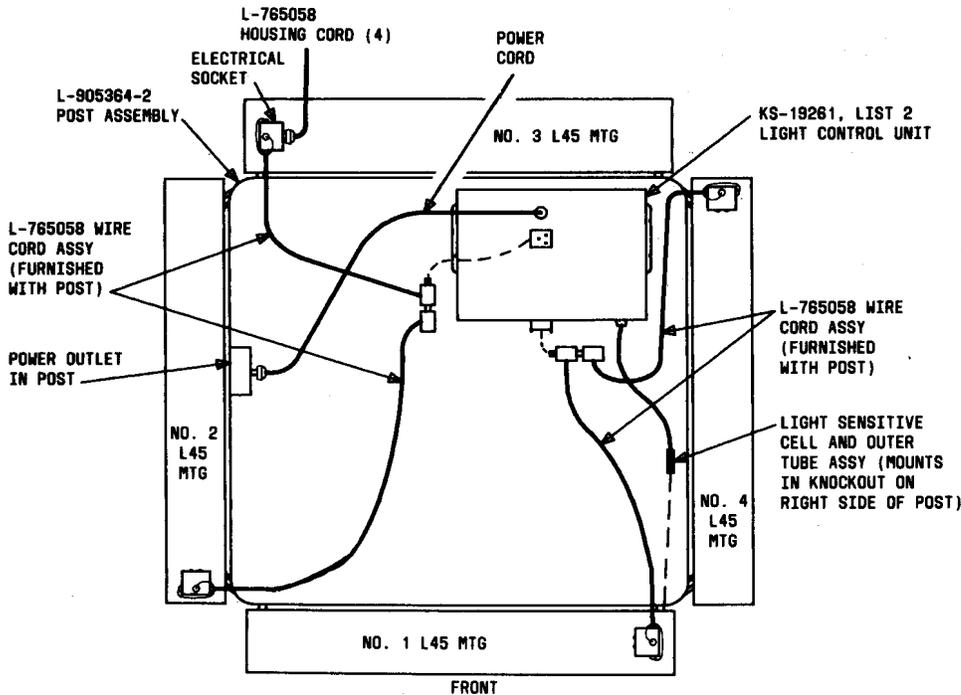


Fig. 22—Position of List 2 Light Control Unit in KS-20842 SENTRY Public Telephone Enclosure (Four-Position Cluster Arrangement)

3.14 Install wall mounted Lists 35 and 35A housing as follows.

- (1) Using a KS-19192, List 1 wrench, remove the B-994955 cover from bottom of mounting.
- (2) Remove the two hex nuts and washers from the L-767032 cover located under the shelf (similar to Fig. 28).
- (3) In bottom cavity of List 45 mounting, unplug the electrical cord from electrical connector.
- (4) Loosen cable clamp and pull excess amount of electrical cord back up into wire channel in left-rear portion of housing.
- (5) From inside bottom cavity of mounting, push light sensitive cell through power cord hole.
- (6) Fasten the light cell to the L-767032 cover using the two clamps and screws provided with light control. Position the end of the cell so that it just touches the plastic plug located in end of cover.

(7) Plug the connector of light control unit into the electrical connector of mounting.

(8) Plug housing cord into rear of control unit plug.

(9) Insert control unit into bottom of cavity in mounting and install B-994955 cover removed in Step (1).

(10) Using the two hex nuts and washers removed in Step (2) secure L-767032 cover to shelf.

3.15 To install back-to-back housings (Fig. 29), use the KS-19261, List 4 light control unit in conjunction with an L-765058 cord assembly. The cord assembly is furnished as part of the KS-20842, Lists 71, 95, 171, and 195 multiplying kits.

3.16 Install side-by-side housings (Fig. 30) as follows.

- (1) Install the KS-19261, List 4 light control unit in the first station and connect succeeding stations per Fig. 31.

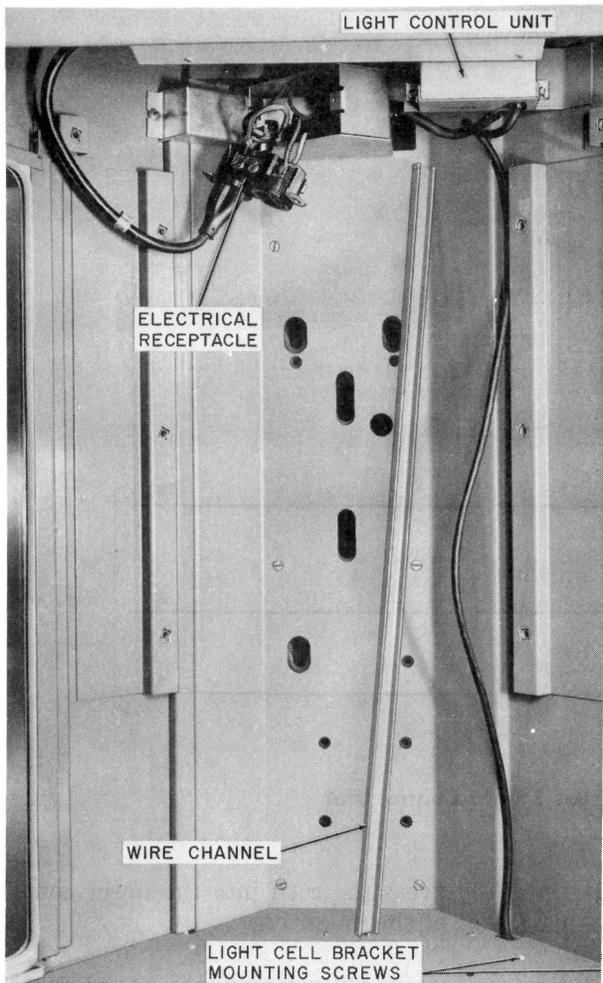


Fig. 23—Installation of List 3 Light Control Unit

(2) When List 31 housing is installed side-by-side, spaced apart, use a KS-19261, List 10 light control kit as described in paragraph 3.20 when using underground electrical power.

3.17 The KS-19261, List 4 light control unit (later model, Fig. 5) is intended for use only with the KS-20842 SENTRY public telephone enclosure posts which are equipped with a knockout located above the front panel (Fig. 32). It can be used at single, back-to-back, or side-by-side installations.

(1) Using a KS-19192, List 1 wrench, remove the front panel from the post.

- (2) Remove the 11/16-inch knockout located above the front panel opening.
- (3) Install light control box on upper portion of mounting bracket located on upper right side of post.
- (4) Install outer tube assembly in knockout removed in Step (2).
- (5) Install light sensitive cell in outer tube assembly from inside post.
- (6) Plug light control cord into electrical outlet box located in upper left side of post.
- (7) Plug housing cord into back of light control cord plug.
- (8) Replace front panel removed in Step (1).

3.18 On maintenance visits where a KS-19261, List 4 light control unit has been installed in conjunction with a KS-20842 SENTRY public telephone enclosure List 31, 32, 33, 34, 35, or 35A housing (Fig. 27, 28, 31, 32, or 33) make sure a protective cover is in place over the light sensitive cell grid. A protective cover (supplied by light control manufacturer) is installed as follows.

- (1) Remove front cover from post and unplug light control from electrical receptacle.
- (2) Gain access to the light sensitive cell by removing light control cover box (on List 31 housing remove housing cover).
- (3) Remove 1-inch diameter plastic cap from hole in cover box (except List 31 housing).
- (4) Without removing cell from cover box and from moving in mounting clamps press the new snap-in plastic cap into the end over the grid of the light sensitive cell.
- (5) Replace plastic cap removed in Step (3).
- (6) Plug light control into electrical receptacle and replace front cover on post.¶

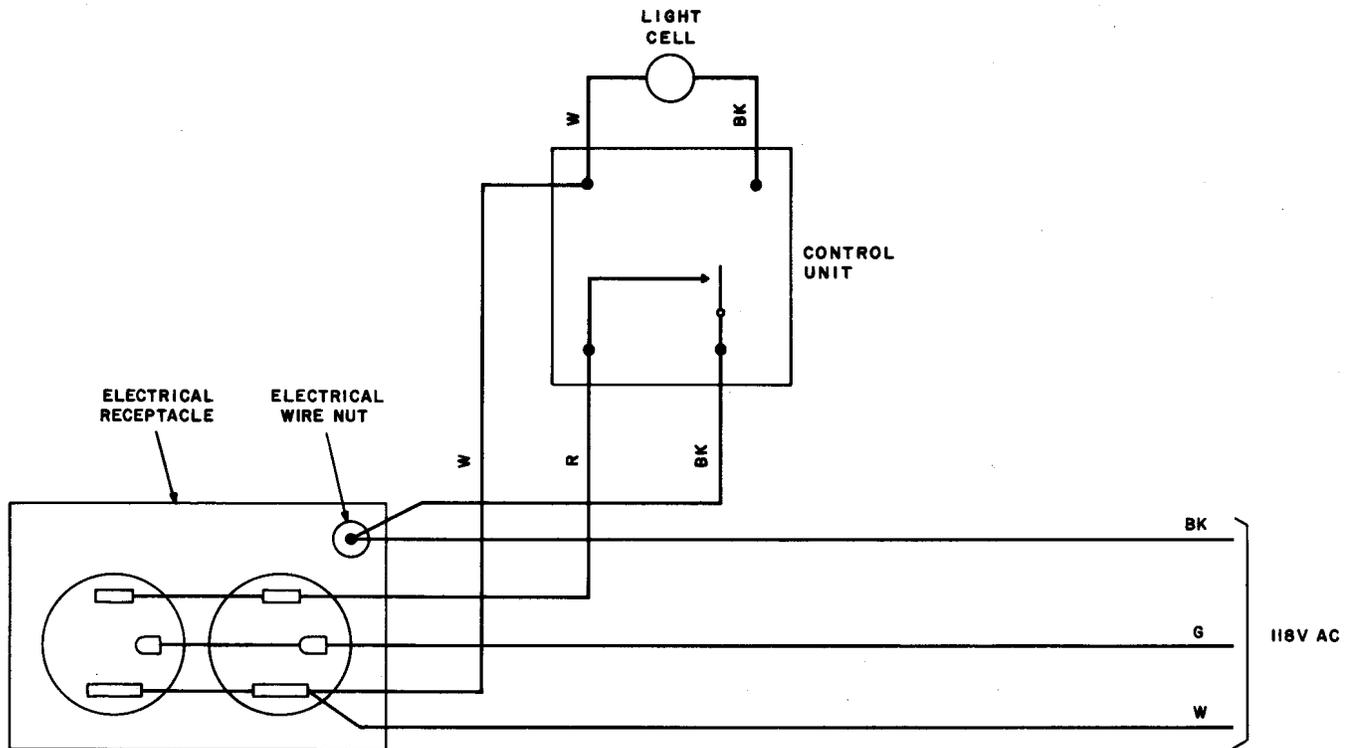


Fig. 24—Wiring Diagram of KS-19261, List 3 Light Control Unit

E. KS-19261, List 5 Light Control Unit

3.19 Install the List 5 unit in KS-20842, List 42 or 45 (wall) mounting with a knockout in bottom cover (Fig. 33) as follows.

- (1) Using a KS-19192, List 1 wrench, remove the bottom cover from the mounting.
- (2) Remove the 11/16-inch knockout located near right end of cover.
- (3) Install the light sensitive cell in the knockout hole with nuts provided (one inside—one outside cover).
- (4) Plug light control cord into electrical outlet box located in bottom right side of mounting.
- (5) Plug housing cord into back of light control cord plug.

- (6) Carefully dress the cord into the lower compartment of the mounting.
- (7) Replace bottom cover removed in Step (1).

Note: The List 5 light control unit may also be mounted in Lists 141 and 143 posts.

3.20 KS-19261, List 10 Light Control Kit:



When underground wiring is involved, a List 10 kit (Fig. 7) can be used in conjunction with the List 4 light control unit.

- 3.21** Install List 4 light control unit in first station as directed in paragraph 3.11.
- 3.22** Use List 10 kit and connect additional stations to first station per Fig. 34. A List 4 light control unit will be required in each post to control the lights in that station.

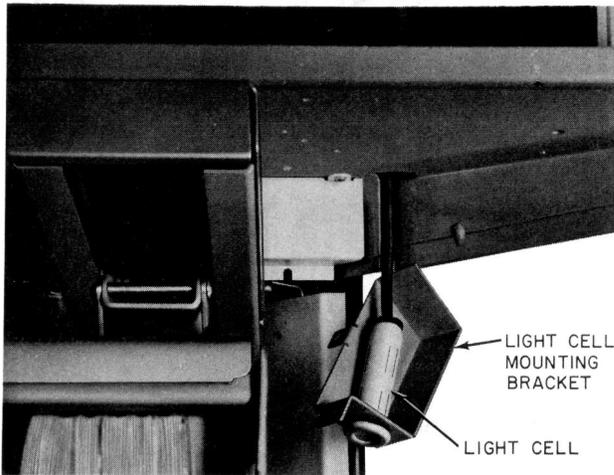


Fig. 25—Installation of Light Cell in Mounting Bracket

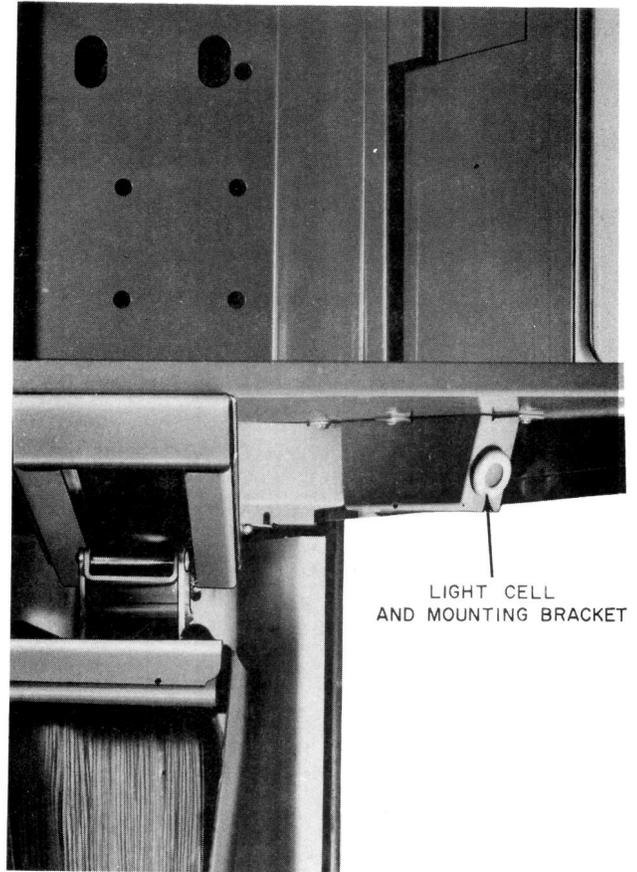


Fig. 26—Installation of Mounting Bracket on KS-19426 Mounting

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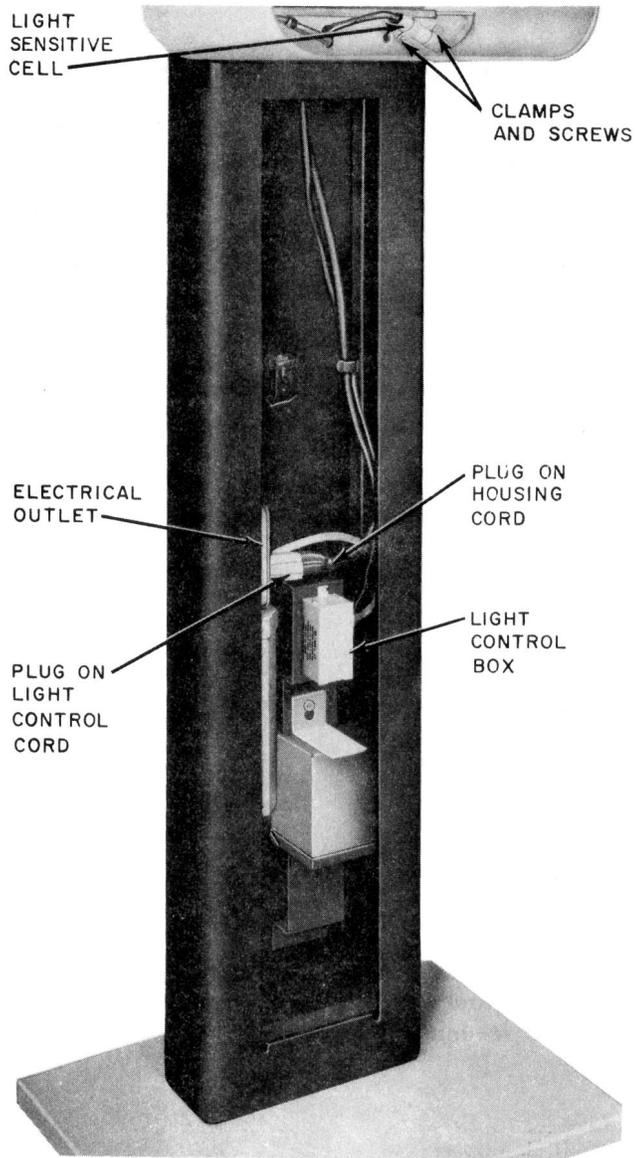


Fig. 27—KS-19261, List 4 Light Control Unit (Early Model) Installed With Single List 31 Housing

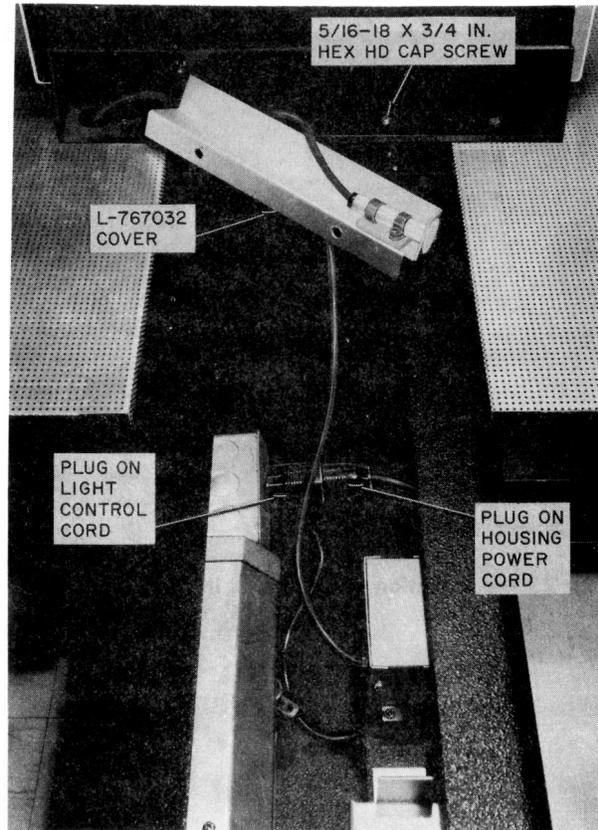


Fig. 28—KS-19261, List 4 Light Control Unit (Early Model) Installed With List 32 Housing (Typical for Lists 33, 34, 35, and 35A Housing)

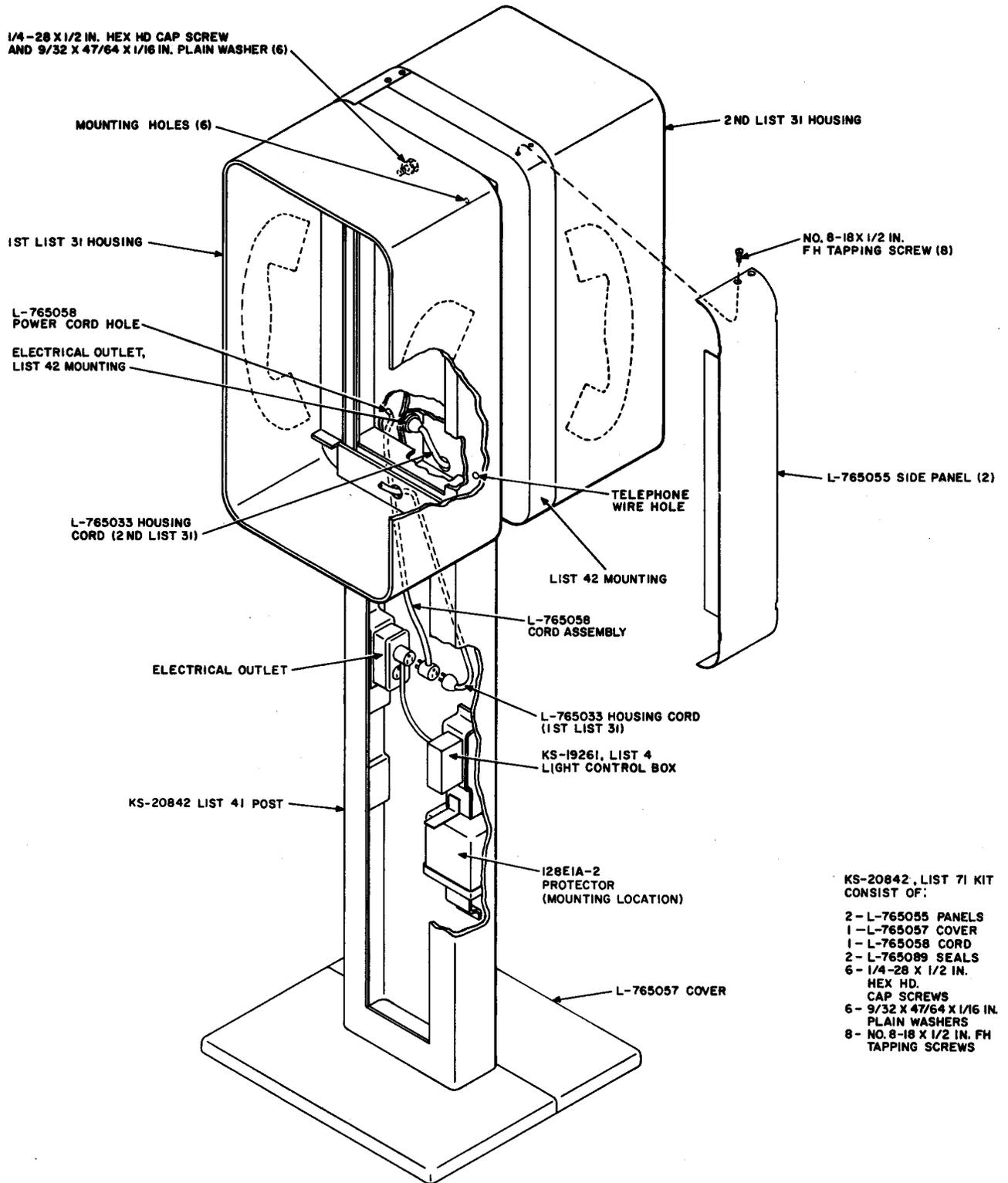


Fig. 29—KS-19261, List 4 Light Control Unit (Early Model) Installed With Two KS-20842, List 31 Housings

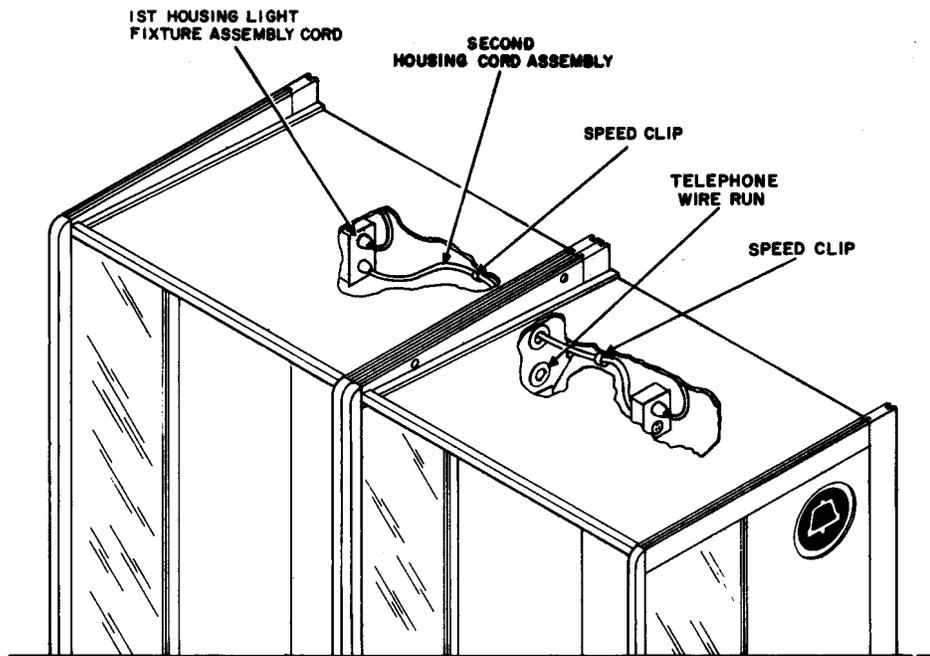
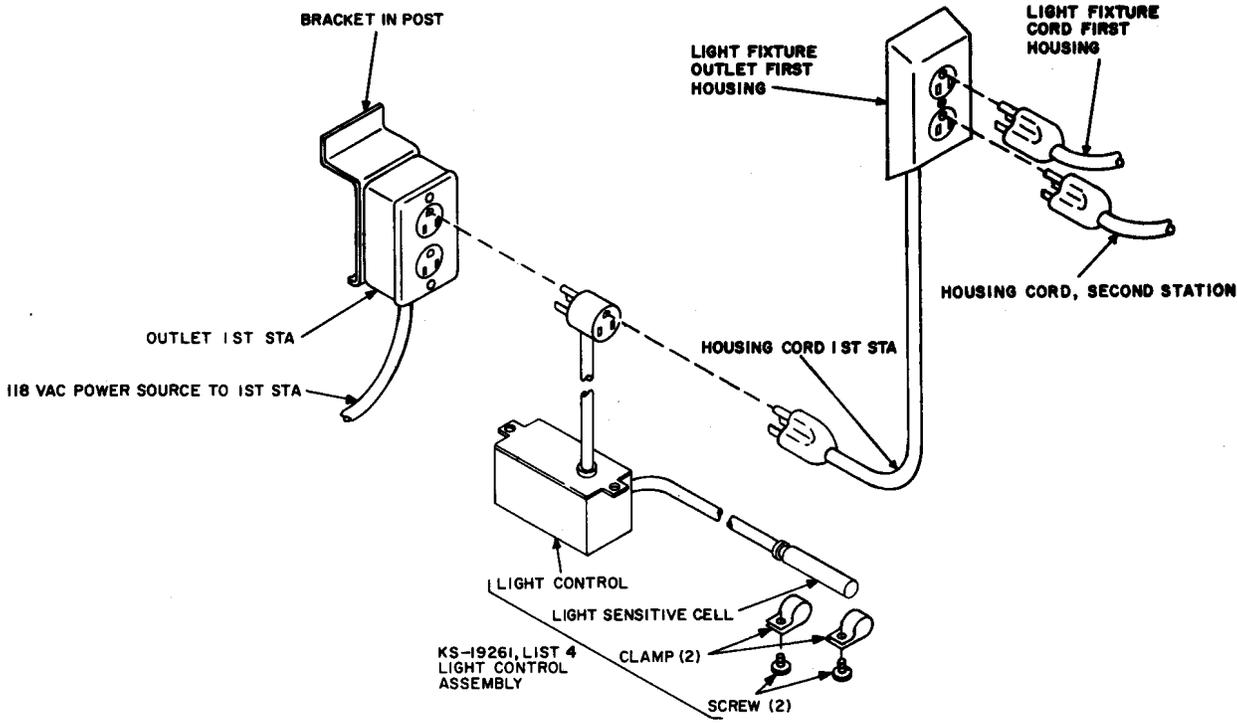
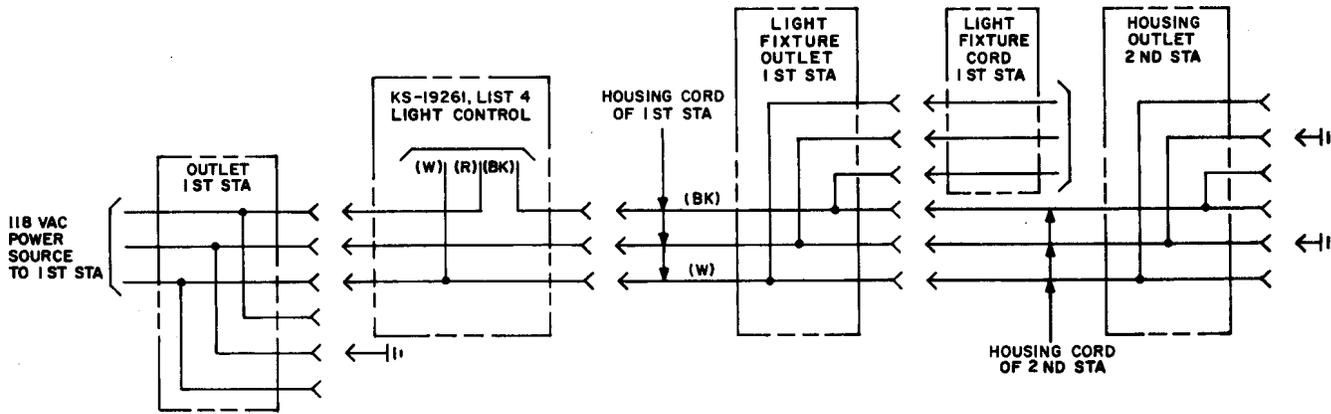


Fig. 30—Electrical Wiring Arrangement of Two KS-20842, List 32 Housings Installed Side-By-Side (Typical for KS-20842, Lists 33, 34, 35, and 35A Housings)



A. LAYOUT DIAGRAM OF KS-19261, LIST 4, LIGHT CONTROL ASSEMBLY



B. WIRING DIAGRAM OF KS-19261, LIST 4, LIGHT CONTROL ASSEMBLY

Fig. 31—Multiple KS-20842 Telephone Enclosure Using Only a KS-19261, List 4 Light Control Unit (Early Version)

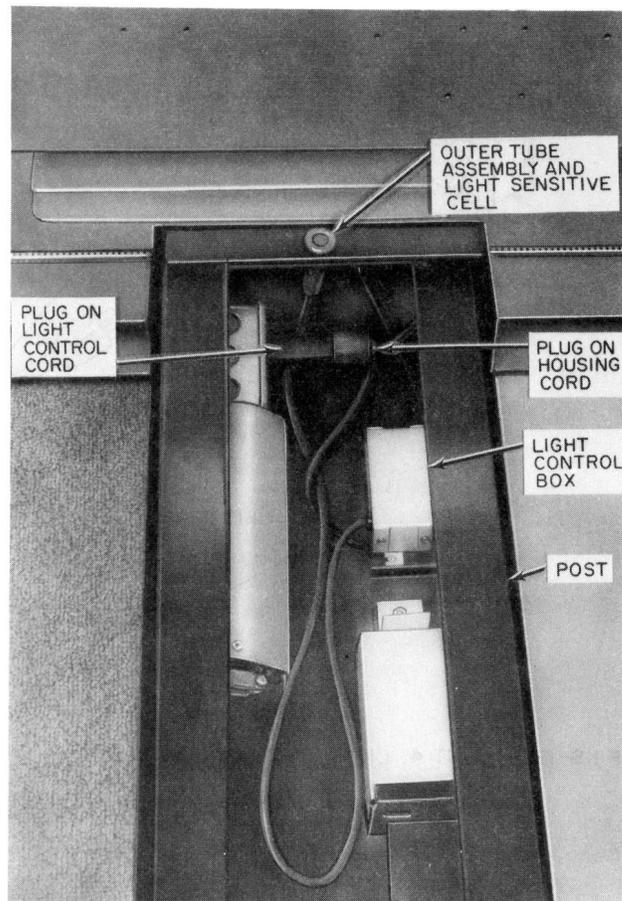


Fig. 32—KS-19261, List 4 Light Control Unit (Later Model) Installed in KS-20842 SENTRY Public Telephone Enclosure Post Equipped With Knockout

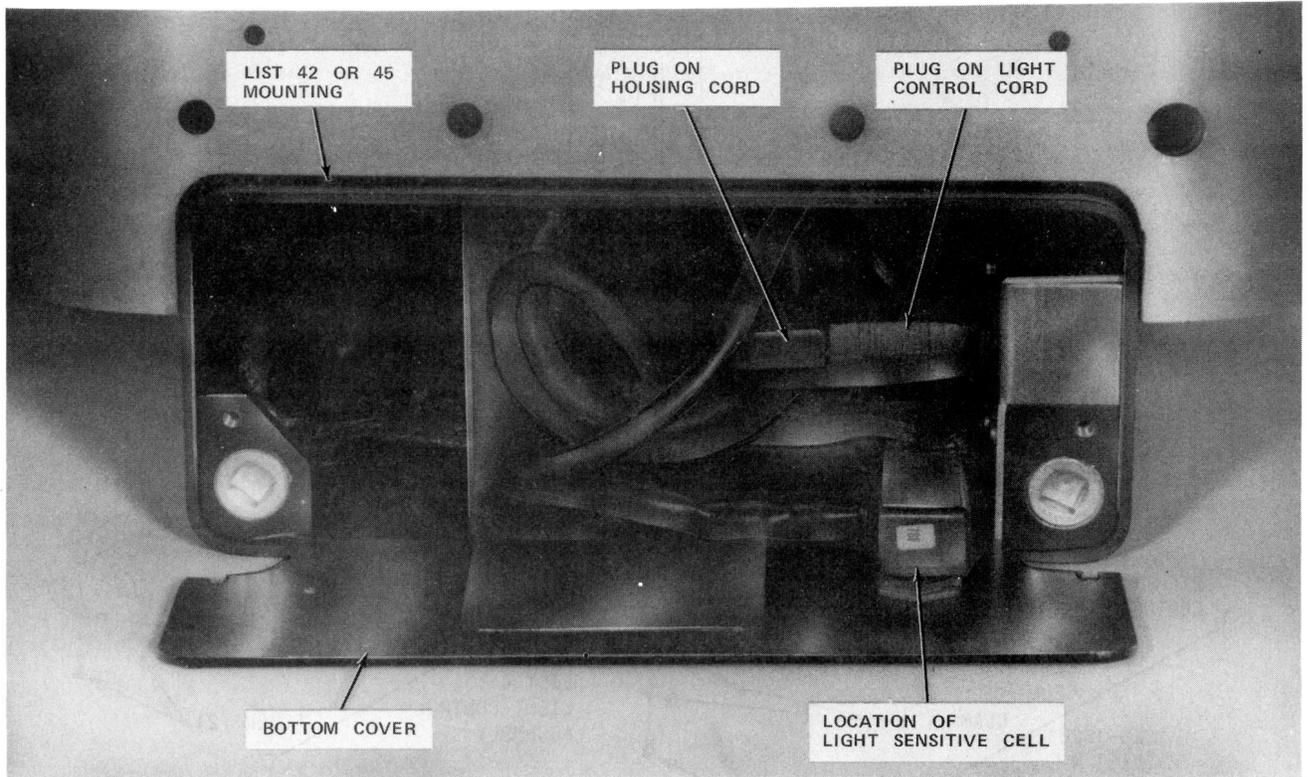
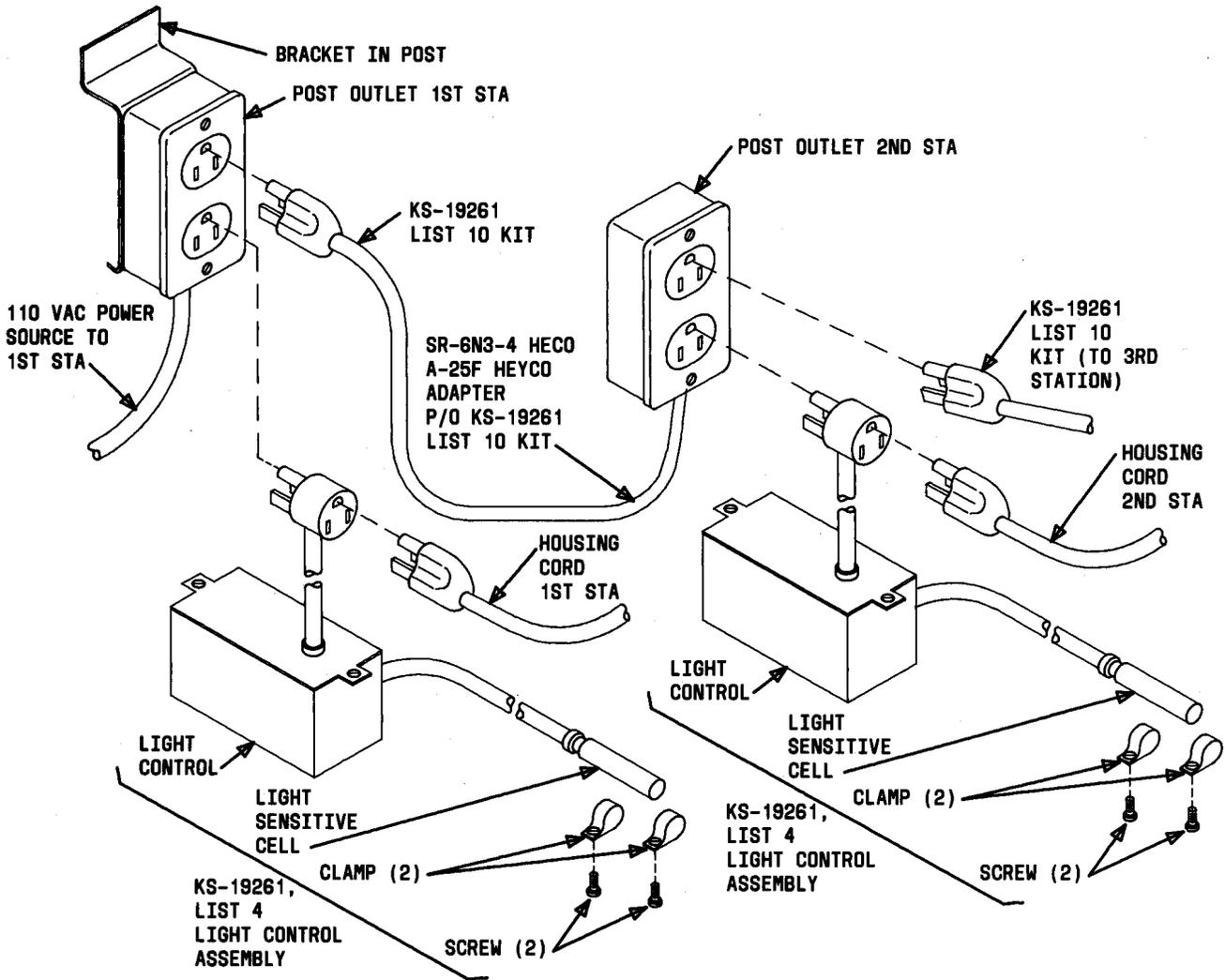
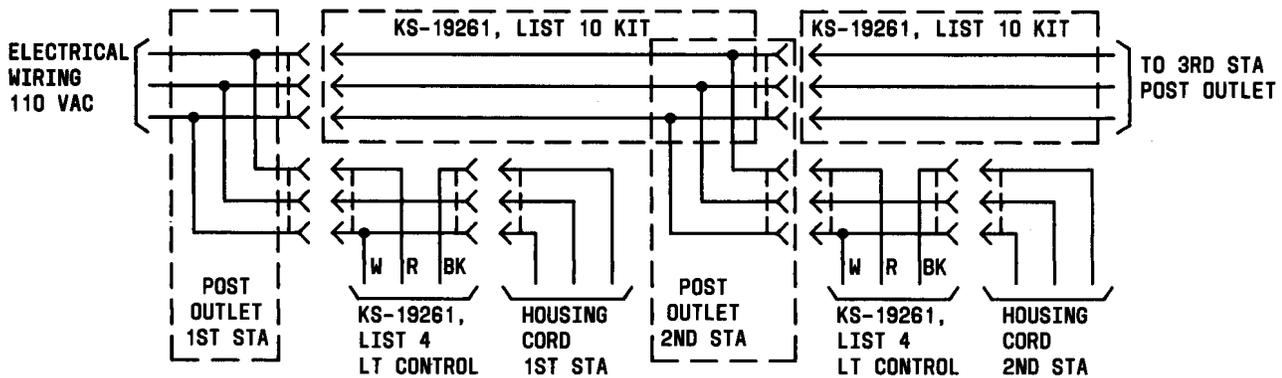


Fig. 33—KS-19261, List 5 Light Control Unit, Installed in KS-20842 SENTRY Public Telephone Enclosure (Wall) Mounting

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A. LAYOUT DIAGRAM OF KS-19261, LIST 4, LIGHT CONTROL ASSEMBLY AND KS-19261, LIST 10 KIT



B. WIRING DIAGRAM OF KS-19261, LIST 4, LIGHT CONTROL ASSEMBLY AND KS-19261, LIST 10 KIT

Fig. 34—Multiple KS-20842 Telephone Enclosures Using KS-19261, List 4 Light Control Unit and KS-19261, List 10 Light Control Kit