(4) ANCHOR BOLTS

ORIENTATION

CONCRETE CAP

RING

CAP RETAINER

(3) S/S BOLTS AND WASHERS 1

(3) S/S BOLTS AND WASHERS 2

(3) SET SCREWS 3

LED GRILL **ASSEMBLY**

CONCRETE BODY

MOUNTING CAVITY (BY

FINISHED GRADE

OTHERS) 19"Ø X 5" DP CAVITY MUST BE PROVIDED FOR BELOW

GRADE MOUNTING

PATHWAY MARKER

INSTALLATION INSTRUCTIONS | CB12R-LED-HORZ/CO-EXT

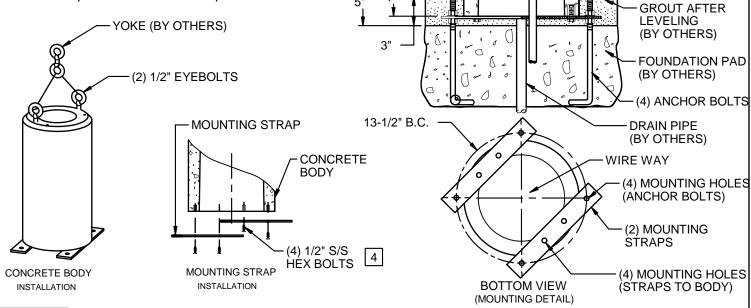
TOP**A**/IĘW

INSTALLATION STEPS:

- Lay concrete body on its side and install (2) mounting straps to bottom of body with (4) ½-13X1 S/S bolts #[4].
- Install conduit as required. Drain pipe must extend above 2. bottom of foundation pad, leveling nuts and washers.
- Attach yoke to (2) 1/2" eyebolts and lift concrete body onto the 3. anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard evebolts prior to installing LED grill assembly.

IMPORTANT! For best result in lighting pathway, the anchor bolts orientation needs to be installed as shown in "Top View". Pathway marker in grill assembly plate needs to be pointed toward area of lighting.

- Make wire connections to the incoming supply. ASSEMBLY MUST BE GROUNDED TO THE INCOMING **EQUIPMENT GROUND SUPPLY.**
- Place LED grill assembly onto top of concrete body and 5. secure in place with (3) 1/4-20X3/4 screws and washers #[2].
- Secure cap retainer ring to concrete cap with (3) 1/4-20X3/4 6. screws and washer #[1].
- 7. Place concrete cap over grill, secure with (3) 1/4-20X1/2 SET screws #[3] with 3-32 Allen wrench. NOTE: DO NOT OVER TIGHTEN SET SCREWS. CONDUIT
- 8. Installation complete.
- 9. Turn on power and check for operation.



(BY OTHERS)

architec<u>tural</u> alighting

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Hubbell Lighting, Inc.

APPRVD PART NO. 10/14/09

INSTALLATION INSTRUCTIONS

CB12R-LED-HORZ/CO-INT

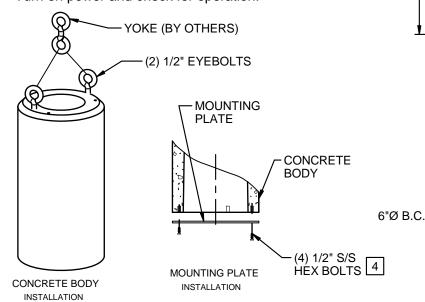
TOP VIEW

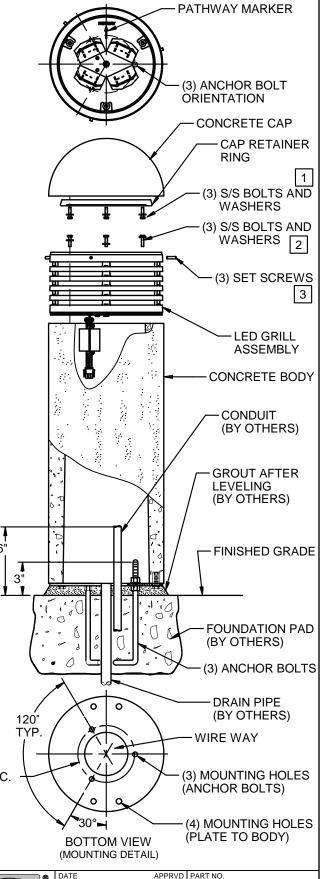
INSTALLATION STEPS:

- 1. Lay concrete body on its side and install mounting plate to bottom of body with (4) ½-13X1 S/S bolts #[4].
- 2. Install conduit as required. Drain pipe must extend above bottom of foundation pad, leveling nuts and washers.
- Attach yoke to (2) ½" eyebolts and lift concrete body onto the anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard eyebolts prior to installing LED grill assembly.

IMPORTANT! For best result in lighting pathway, the anchor bolt orientation needs to be installed as shown in "Top View". Pathway marker in grill assembly plate needs to be pointed toward area of lighting.

- 4. Make wire connections to the incoming supply. **NOTE: ASSEMBLY MUST BE GROUNDED TO THE INCOMING EQUIPMENT GROUND SUPPLY.**
- 5. Place LED grill assembly onto top of concrete body and secure in place with (3) 1/4-20X3/4 screws and washers #[2].
- 6. Secure cap retainer ring to concrete cap with (3) ½-20X3/4 screws and washer #[1].
- 7. Place concrete cap over grill, secure with (4) ½-20X1/2 SET screws #[3] with 3-32 Allen wrench. **NOTE: DO NOT OVER TIGHTEN SET SCREWS.**
- 8. Installation complete.
- 9. Turn on power and check for operation.







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DATE REV. 10/14/09 -

(4) ANCHOR BOLTS

PATHWAY MARKER

ORIENTATION

(3) S/S BOLTS AND 1

CONCRETE CAP

WASHERS (FOR CAP-VERT. GRILL)

WASHERS

7.

(3) S/S BOLTS AND 2

(FOR BODY-VERT, GRILL)

LED GRILL

ASSEMBLY

CONCRETE BODY

FINISHED GRADE

MOUNTING CAVITY (BY

OTHERS) 19"Ø X 5" DP CAVITY MUST BE

PROVIDED FOR BELOW

GRADE MOUNTING

INSTALLATION INSTRUCTIONS

CB12R-LED-VERT-EXT

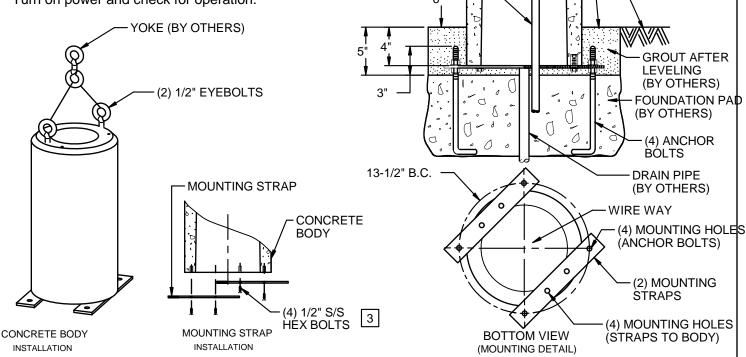
TOP VIEW

INSTALLATION STEPS:

- 1. Lay concrete body on its side and install (2) mounting straps to bottom of body with (4) ½-13X1 S/S bolts #[3].
- 2. Install conduit as required. Drain pipe must extend above bottom of foundation pad, leveling nuts and washers.
- Attach yoke to (2) ½" eyebolts and lift concrete body onto the anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard eyebolts prior to installing LED grill assembly.

IMPORTANT! For best result in lighting pathway, the anchor bolt orientation needs to be installed as shown in "Top View". Pathway marker in grill assembly plate needs to be pointed toward area of lighting.

- 4. Make wire connections to the incoming supply. **NOTE: ASSEMBLY MUST BE GROUNDED TO THE INCOMING EQUIPMENT GROUND SUPPLY.**
- 5. Place LED grill assembly onto top of concrete body and secure in place with (3) 1/4-20X3/4 screws and washers #[2].
- 6. Place concrete cap over grill and position mounting holes with inserts in cap. Secure with (3) 1/4-20X3/4 screws and washer #[1].
- 7. Installation complete.
- 8. Turn on power and check for operation.



CONDUIT (BY OTHERS)

architectural area lighting

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10/14/09 -

(3) ANCHOR BOLTS

(3) S/S BOLTS AND 1

(FOR CAP-VERT. GRILL)

(3) S/S BOLTS AND 2

(FOR BODY-VERT, GRILL)

LED GRILL

ASSEMBLY

CONCRETE BODY

ORIENTATION

CONCRETE CAP

WASHERS

WASHERS

INSTALLATION INSTRUCTIONS

CB12R-LED-VERT-INT

TOP VIEW

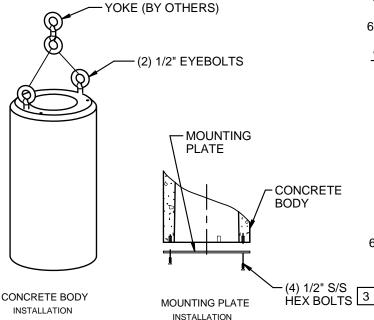
INSTALLATION STEPS:

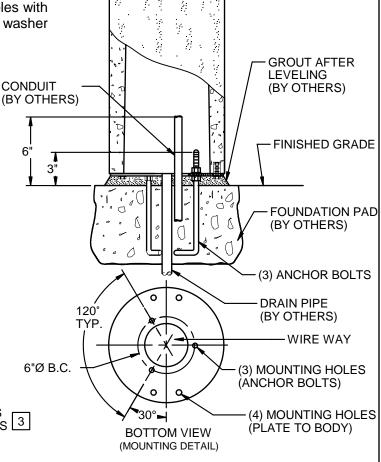
- 1. Lay concrete body on its side and install mounting plate to bottom of body with (4) ½-13X1 S/S bolts #[3].
- 2. Install conduit as required. Drain pipe must extend above bottom of foundation pad, leveling nuts and washers.
- 3. Attach yoke to (2) ½" eyebolts and lift concrete body onto the anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard eyebolts prior to installing LED grill assembly.

IMPORTANT! For best result in lighting pathway, the anchor bolt orientation needs to be installed as shown in "Top View". Pathway marker in grill assembly plate needs to be pointed toward area of lighting.

- 4. Make wire connections to the incoming supply. **NOTE: ASSEMBLY MUST BE GROUNDED TO THE INCOMING EQUIPMENT GROUND SUPPLY.**
- 5. Place LED grill assembly onto top of concrete body and secure in place with (3) 1/4-20X3/4 screws and washers #[2].
- 6. Place concrete cap over grill and position mounting holes with inserts in cap. Secure with (3) 1/4-20X3/4 screws and washer #[1].
- 7. Installation complete.

8. Turn on power and check for operation.







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INSTALLATION INSTRUCTIONS | CB12S-LED-HORZ/CO-EXT

TOP VIEW

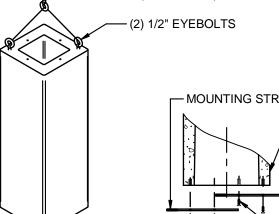
INSTALLATION STEPS:

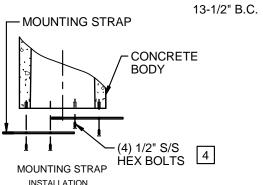
- Lay concrete body on its side and install (2) mounting straps to bottom of body with (4) ½-13X1 S/S bolts #[4].
- Install conduit as required. Drain pipe must extend above bottom of foundation pad, leveling nuts and washers.
- 3. Attach yoke to (2) 1/2" eyebolts and lift concrete body onto the anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard evebolts prior to installing LED grill assembly.

IMPORTANT! For best result in lighting pathway, the anchor bolt orientation needs to be installed as shown in "Top View". Pathway marker in grill assembly plate needs to be pointed toward area of lighting.

- Make wire connections to the incoming supply. NOTE: ASSEMBLY MUST BE GROUNDED TO THE INCOMING **EQUIPMENT GROUND SUPPLY.**
- 5. Place LED grill assembly onto top of concrete body and secure in place with (4) 1/4-20X3/4 screws and washers #[2].
- 6. Secure cap retainer ring to concrete cap with (4) 1/4-20X3/4 screws and washer #[1].
- Place concrete cap over grill, secure with (4) 1/4-20X1/2 SET 7. screws #[3] with 3-32 Allen wrench. NOTE: DO NOT OVER TIGHTEN SET SCREWS. CONDUIT
- 8. Installation complete.
- 9. Turn on power and check for operation.

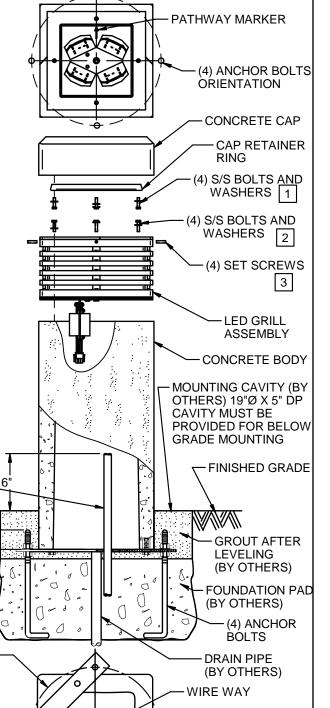
- YOKE (BY OTHERS)





(BY OTHERS)

3"





APPRVD PART NO. DATE 10/14/09

BOTTOM VIEW

(MOUNTING DETAIL)

A96531

(4) MOUNTING HOLE\$ (ANCHOR BOLTS)

(2) MOUNTING STRAPS

(4) MOUNTING HOLES

(STRAPS TO BODY)

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CONCRETE BODY

INSTALLATION

(4) ANCHOR BOLTS

INSTALLATION INSTRUCTIONS

CB12S-LED-HORZ/CO-INT

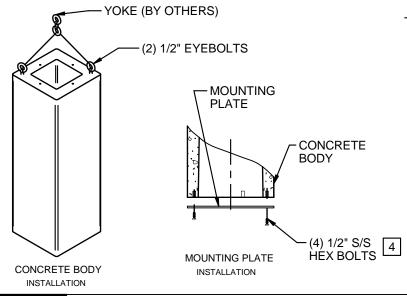
TOP VIEW

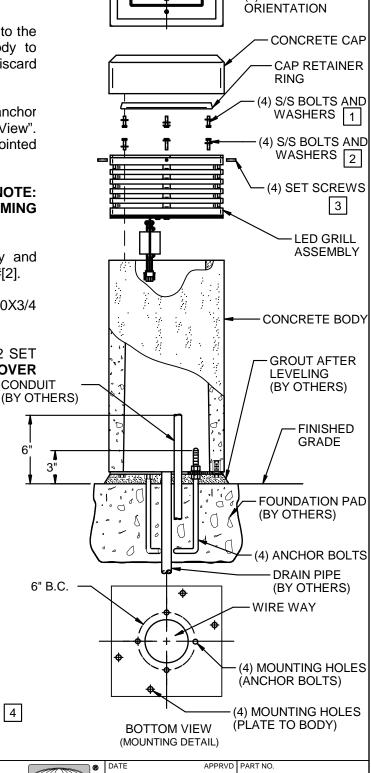
INSTALLATION STEPS:

- 1. Lay concrete body on its side and install mounting plate to bottom of body with (4) ½-13X1 S/S bolts #[4].
- 2. Install conduit as required. Drain pipe must extend above bottom of foundation pad, leveling nuts and washers.
- 3. Attach yoke to (2) ½" eyebolts and lift concrete body onto the anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard eyebolts prior to installing LED grill assembly.

IMPORTANT! For best result in lighting pathway, the anchor bolt orientation needs to be installed as shown in "Top View". Pathway marker in grill assembly plate needs to be pointed toward area of lighting.

- 4. Make wire connections to the incoming supply. **NOTE: ASSEMBLY MUST BE GROUNDED TO THE INCOMING EQUIPMENT GROUND SUPPLY.**
- 5. Place LED grill assembly onto top of concrete body and secure in place with (4) 1/4-20X3/4 screws and washers #[2].
- 6. Secure cap retainer ring to concrete cap with (4) ½-20X3/4 screws and washer #[1].
- 7. Place concrete cap over grill, secure with (4) 1/4-20X1/2 SET screws #[3] with 3-32 Allen wrench. **NOTE: DO NOT OVER TIGHTEN SET SCREWS.** CONDUIT
- 8. Installation complete.
- 9. Turn on power and check for operation.







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DATE REV. 10/14/09 -

(4) ANCHOR BOLTS **ORIENTATION**

CONCRETE CAP

(4) S/S BOLTS AND 1

(FOR CAP-VERT. GRILL)

LED GRILL

ASSEMBLY

(4) S/S BOLTS AND 2

(FOR BODY-VERT. GRILL)

MOUNTING CAVITY (BY

OTHERS) 19"Ø X 5" DP

PROVIDED FOR BELOW

CAVITY MUST BE

GRADE MOUNTING

CONCRETE BODY

WASHERS

WASHERS

INSTALLATION INSTRUCTIONS

CB12S-LED-VERT-EXT

TOP VIEW

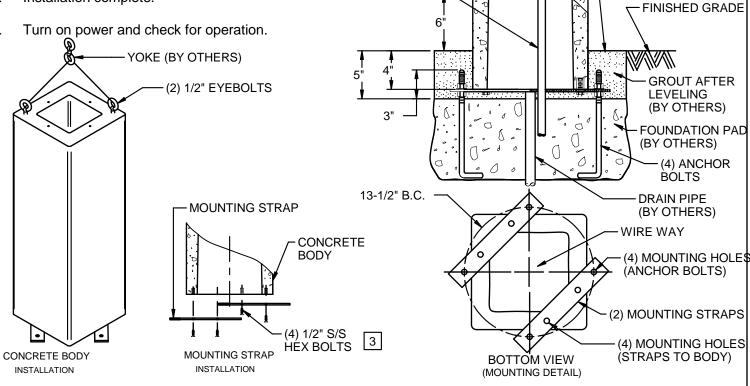
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INSTALLATION STEPS:

- Lay concrete body on its side and install (2) mounting straps to bottom of body with (4) ½-13X1 S/S bolts #[3].
- Install conduit as required. Drain pipe must extend above bottom of foundation pad, leveling nuts and washers.
- Attach voke to (2) 1/2" eyebolts and lift concrete body onto the 3. anchor bolts as shown below. Secure concrete body to anchor bolts. Level body as needed and remove and discard eyebolts prior to installing LED grill assembly.

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- 6. Place concrete cap over grill and position mounting holes with inserts in cap. Secure with (4) 1/4-20X3/4 screws and washer #[1]. CONDUIT
- Installation complete. 7.
- 8.



(BY OTHERS)



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APPRVD PART NO. DATE DATE 10/14/09

(4) ANCHOR BOLTS

ORIENTATION

CONCRETE CAP

(4) S/S BOLTS AND 1

(FOR CAP-VERT, GRILL)

LED GRILL

ASSEMBLY
(4) S/S BOLTS AND 2

(FOR BODY-VERT, GRILL)

CONCRETE BODY

WASHERS

WASHERS

INSTALLATION INSTRUCTIONS

CB12S-LED-VERT-INT

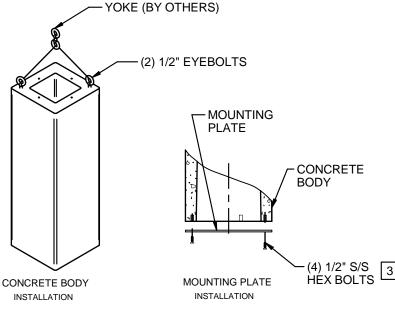
TOP VIEW

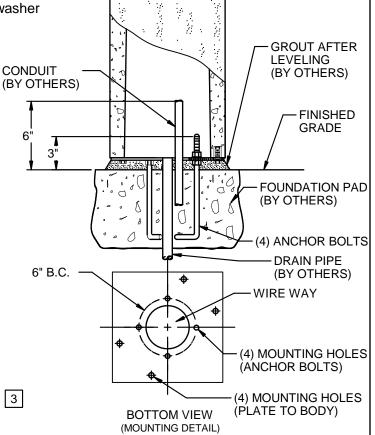
INSTALLATION STEPS:

- 1. Lay concrete body on its side and install mounting plate to bottom of body with (4) ½-13X1 S/S bolts #[3].
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- 6. Place concrete cap over grill and position mounting holes with inserts in cap. Secure with (4) 1/4-20X3/4 screws and washer #[1].
- 7. Installation complete.
- 8. Turn on power and check for operation.





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