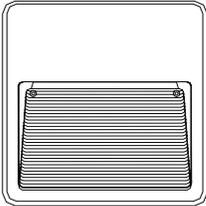


Job:  
 Type:  
 Notes:

# 94 Line

## 946 Recessed Square Aisle Lights

The Philips Gardco 946 high output recessed aisle lights are architecturally styled luminaires precisely constructed of cast aluminum. The 946 is specifically designed to incorporate state of the art high lumen per watt H.I.D. sources to 100W. Precisely positioned microbaffles ensure minimal faceplate brightness. A field convertible junction box further enhances its design flexibility. Self-compensating silicone gasketing completely excludes moisture, insects and contaminants. An optional cast guard provides added vandal protection to the horizontal aperture.



PREFIX	WALL TYPE	WATTAGE	VOLTAGE	FINISH	OPTIONS

Enter the order code into the appropriate box above. Note: Philips Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

### PREFIX

**946**

NOTE: Back housings for concrete pour applications (Types C) are available for pre-shipment. Contact factory for details.

### WALL TYPE

- D Drywall**  
 Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" away from luminaire. Type D units are thermally protected
- C Concrete Pour**  
 Suitable for concrete pour applications only.

### WATTAGE

- | D Type                    |                            | C Type                    |               |
|---------------------------|----------------------------|---------------------------|---------------|
| <b>35 HPS<sup>1</sup></b> | <b>26QF<sup>2,3</sup></b>  | <b>35 HPS<sup>1</sup></b> | <b>50 MH</b>  |
| <b>50 HPS</b>             | <b>32TRF<sup>2,3</sup></b> | <b>50 HPS</b>             | <b>70 MH</b>  |
| <b>50 MH</b>              | <b>42TRF<sup>2,3</sup></b> | <b>70 HPS</b>             | <b>100 MH</b> |
|                           |                            | <b>100 HPS</b>            |               |
- MH Metal Halide
  - HPS High Pressure Sodium
  - QF Quad Tube Fluorescent
  - TRF Triple Tube Fluorescent
1. 120V only
  2. Suitable for 0°F starting temperature.
  3. 26QF, 32TRF and 42TRF types feature an electronic fluorescent ballast that accepts 120V through 277V, 50hz or 60 hz input.  
 Specify "UNIV" for 120V through 277V.

### VOLTAGE

- 120**
- 277**
- UNIV<sup>4</sup>**

4. 26QF, 32TRF and 42TRF types feature an electronic fluorescent ballast that accepts 120V through 277V, 50hz or 60hz input. Specify "UNIV" for 120V through 277V.

### FINISH

- BLP** Black Paint
- BRP** Bronze Paint
- WP** White Paint
- NP** Natural Aluminum Paint
- OC** Optional Color Paint  
 (Specify RAL designation. ex: OC-RAL7024)
- SC** Special Color Paint  
 (Specify. Must supply color chip)

### OPTIONS

- F** Fusing
- CG** Cast Guard over Lens



### SPECIFICATIONS

**FACEPLATE:** One-piece diecast aluminum, secured to housing with (2) recessed and captive hex head socket screws. Integral spring clips ensure positive grounding. Angled and recessed "scoop" with integral cast microbaffles. 1/8" thick flat tempered glass provides for vandal resistive and weathertight operation. Self compensating single piece silicone gasketing allows for varying wall thicknesses.

**HOUSING:** Corrosion-resistant cast aluminum construction.

**J-BOX:** The field convertible junction box is diecast aluminum. It is shipped factory-mounted to the back of housing. The box can be easily positioned on the bottom of the luminaire via two (2) phillips head screws. Each J-box includes three (3) threaded openings (one on each side and one on the bottom) that accommodate 3/4" conduit.

**REFLECTOR:** Specular Alzak® hammertone.

### ELECTRICAL:

**FLUORESCENT UNITS:** Electronic high power factor ballast standard.

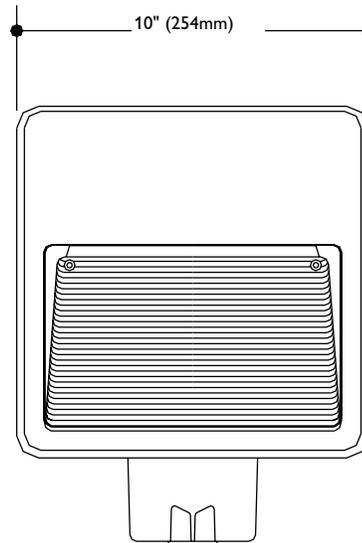
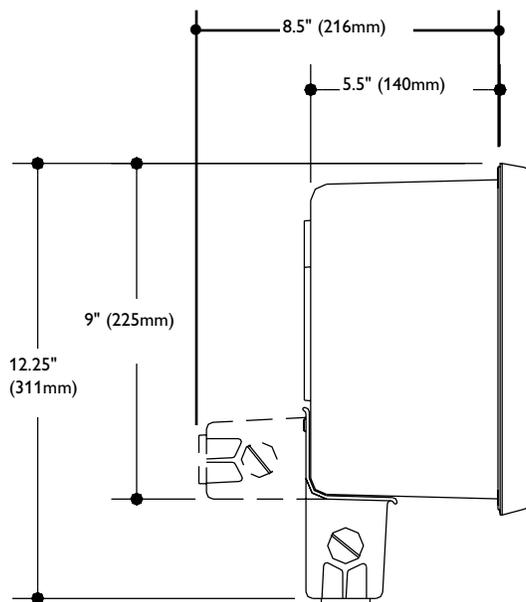
**H.I.D. UNITS:** Magnetic high power factor ballast. Suitable for -20° F starting temperature.

**FINISH:** Fade and abrasion resistant, electrostatically applied, thermally cured TGIC textured polyester powder coat.

**LABELS:** All luminaires bear UL or CUL (where applicable) Wet Location labels.

**WARRANTY:** 5 year limited warranty. See philips.com/warranties for complete details and exclusions.

### DIMENSIONS



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