SEPCO Fixture

Part Number SLR

Street Light Refractor Fixture

The SEPCO™ street light refractor fixture is a roadway "Cobra-Head" style fixture using the Lexan refractor to provide a large oval pattern of illumination for a roadway, parking lot, and many other applications. The fixture can be ordered with 12 different lamps, depending on the desired illumination. The lamp operates directly from the internal 12 VDC inverter ballast. The fixtures are constructed of die cast aluminum and feature a deep bowl reflector with mirror finish. It can be mounted to many different brackets; however, most popular is our 4', 6', or 8' upsweep tapered elliptical aluminum fixture bracket, see SP bracket cut sheet. Also available is part number SLC street light cutoff, see SLC fixture cutsheet.



SEPCO - SOLAR ELECTRIC POWER COMPANY 7986 SW Jack James Drive • Stuart, FL 34997 Phone 772-220-6615 • Fax 772-220-8616 email: info@sepconet.com • web: www.sepconet.com

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WIND LOAD: WIND EXPOSURE: DESIGNED FOR 130 MPH **EXPOSURE CATEGORY B**



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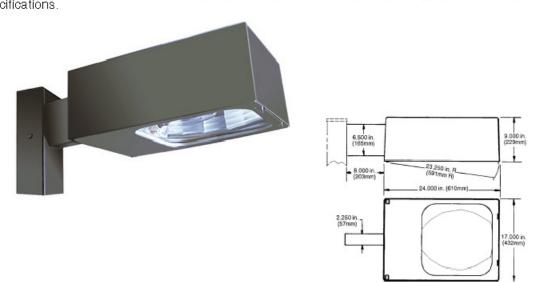
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APPLICABLE CODE: COMPATIBLE WITH BOTH: ASCE 7-02 & ASCE 7.05 2004 W/ 06 SUPPLEMENT FBC, FMC,FPC & FBC, FPC,FMC 2007

SEPCO™ SEPCO Fixture Part Number SB

Shoebox Fixture

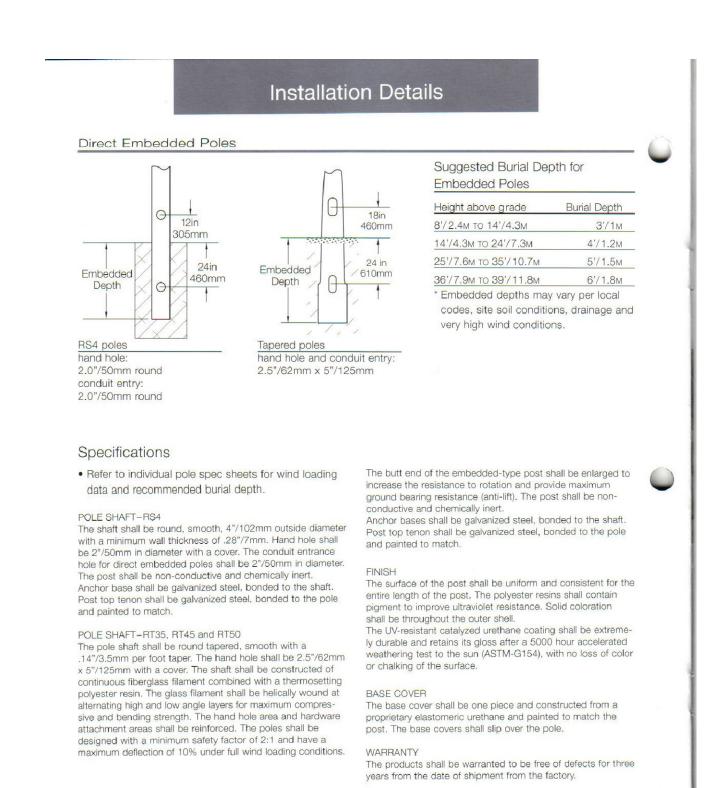
The SEPCO™ shoebox fixture is dark bronze and constructed of cast aluminum with rounded corners and tapered sides. It features front opening slide latches for "no tool" lamp replacement. It is deep in height to provide for a deep parabolic reflector. This provides the largest circle of even illumination. The special crystal lens provides high light transmission while insuring cut off optics. With a deep bowl reflector, a single lamp provides more intense illumination with a larger pattern when compared to a two lamp and two ballast arrangement often found in a flat, square sided, shallow shoebox fixture. Our fixture design is more efficient and less maintenance. The fixture lamp choices are from 18 to 65 Watts using high intensity compact fluorescent lamps with white colors, to 6,500 Kelvin. Please see the fixture information pages for photometries, EPA, weight, dimensions, and specifications.



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C O M P O S I T E P O L E S

FIGURE 5

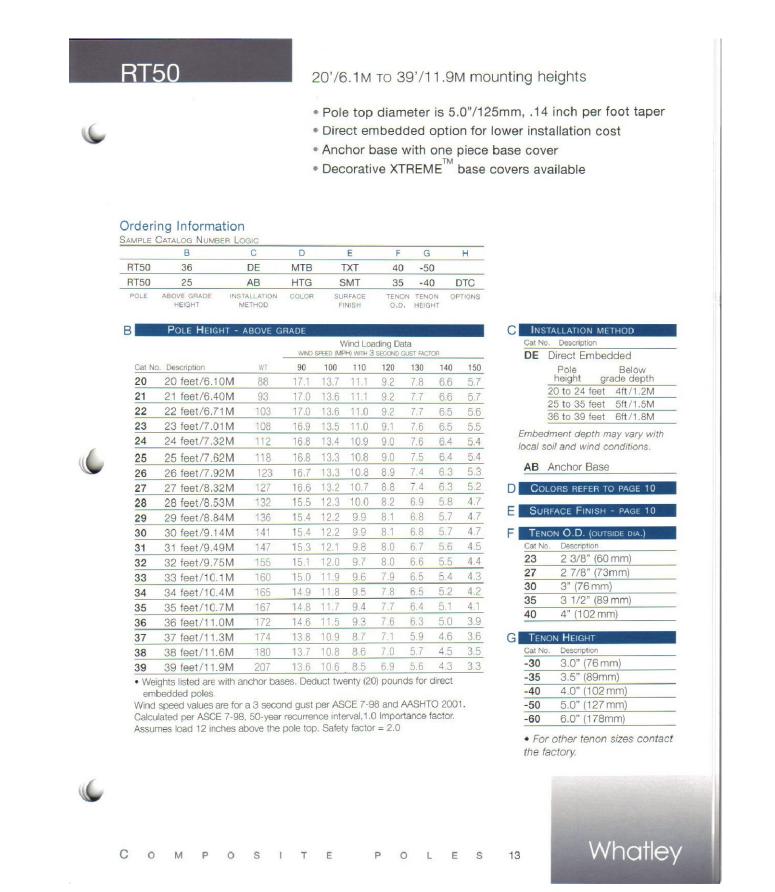
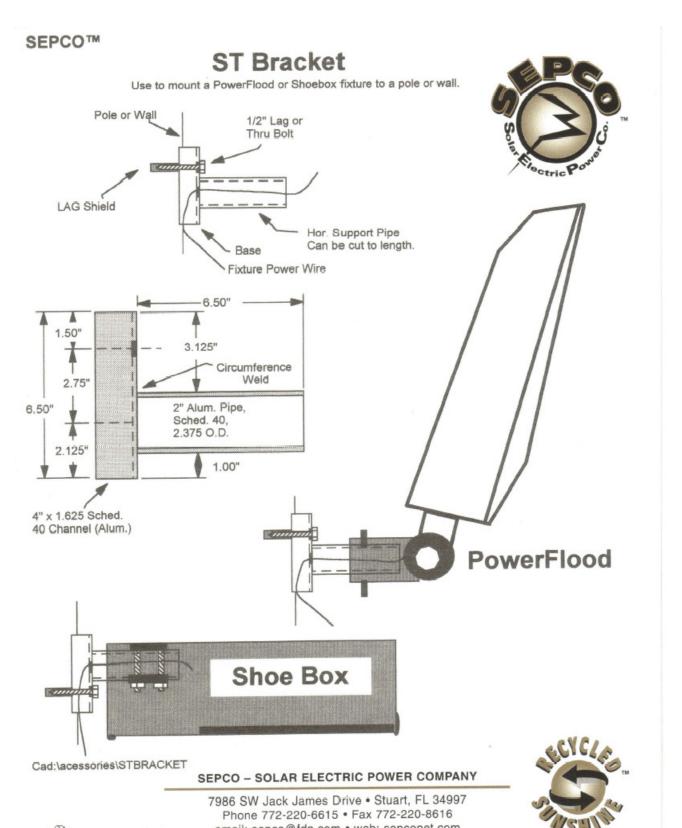


FIGURE 06



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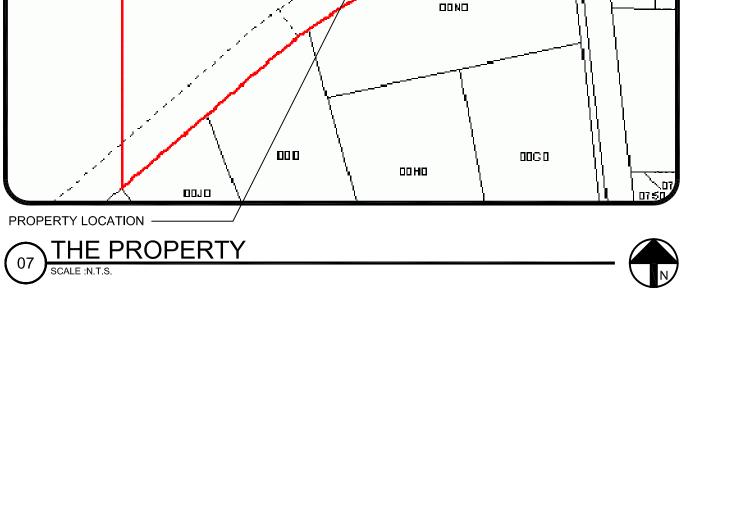
00G 0 00 HIO PROPERTY LOCATION THE PROPERTY

OWNER:

SOLAR CITY INC

4305 W ALVA ST, TAMPA, FL 336147636

0010





SAMPLE INSTALLATION PHOTOGRAPH
SCALE :N.T.S.

ENGINEER SPECIFICATIONS & COMMENTS

THIS DRAWING SHEET, ES2, PROVIDES THE ADDITIONAL INFORMATION NEEDED TO SUPPLEMENT ACCOMPANYING DRAWING SHEET ES1 (ELECTRICAL SITE PLAN) TO PROVIDE A 2-SHEET, PERMIT-READY, PLAN SET AND THE NEEDED INSTALLATION INSTRUCTIONS FOR A SOLAR POWERED (PV-PHOTOVOLTAIC) PARKING LOT LIGHTING SYSTEM AT SOLAR WORLD, ISPC, LEVEREDGE FACILITY ON GUNN HIGHWAY IN ODESSA. DRAWING SHEET ES1, FIGURE 1 (SITE PLAN) SHOWS THE PLANNED PV POLE MOUNTED LIGHTING FIXTURE LOCATIONS. PRESENTLY, ALL LIGHTS WILL BE MOUNTED ON 20-FOOT, TOTAL LENGTH, WHATLEY FIBERGLASS LIGHT-POLES AS SHOWN IN SHEET ES1, FIGURE 2, SOLAR POLE DETAIL, AND SHEET ES2, FIGURE 1 (INSTALLATION DETAILS), FIGURE 2 (RT50 ADDITIONAL DETAILS). EACH POLE SHALL BE DIRECTLY BURIED A MINIMUM POLE DEPTH OF 4-FEET IN A MINIMUM 3-FT DIAMETER HOLE AND BACK-FILLED WITH WELL-CONSOLIDATED, #57 OR # 60 AASHTO GRADE AGGREGATE. INSTALLATION PER THIS SPECIFICATION WILL RESULT IN A MINIMUM WIND RESISTANCE OF 130 MPH EXPOSURE CATEGORY B. NOTE THAT THE SYMBOLS SLR AND SB ON ES1, FIGURE 1, SITE PLAN, DESIGNATE STREET LIGHT REFRACTOR (SLR) AS SHOWN IN FIGURE 4 AND SHOE BOX (SB) AS SHOWN IN FIGURES 5 & FIGURE 6 ON THIS DRAWING SHEET - ES2. WHILE IT IS NOT CURRENTLY PLANNED TO USE THE POWER FLOOD OR WALL-MOUNT FIXTURES (ST BRACKET) AS SHOWN IN FIGURE 3 OF THIS DRAWING SHEET (ES2), THESE (POWER FLOOD & ST BRACKET) ARE APPROVED BY THIS PLAN SET FOR THE JOB AND MAY BE INSTALLED AS NEEDED OR DESIRED BY THE OWNER. ALL LIGHT LOCATIONS SHOWN ARE TENTATIVE AND MAY BE RELOCATED OR ELIMINATED OR ADDED TO AS NEEDED TO PROVIDE NEEDED LIGHT AND/OR TO MINIMIZE LIGHT POLLUTION SO LONG AS THE INSTALLATION LOCATIONS CONFORM TO THE CURRENT FLORIDA BUILDING CODE.

ENGINEERING COMMENTS

ENGINEERED:

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0380

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REVISION NO./DATE: THIS SHEET IS A SUPPLEMENTAL SHEET TO ES1 AND PART OF THIS PERMIT SET

SHEET NAME: PERMIT SET 2 SHEETS

JOB #: 013

SHEET NO:

whatle'