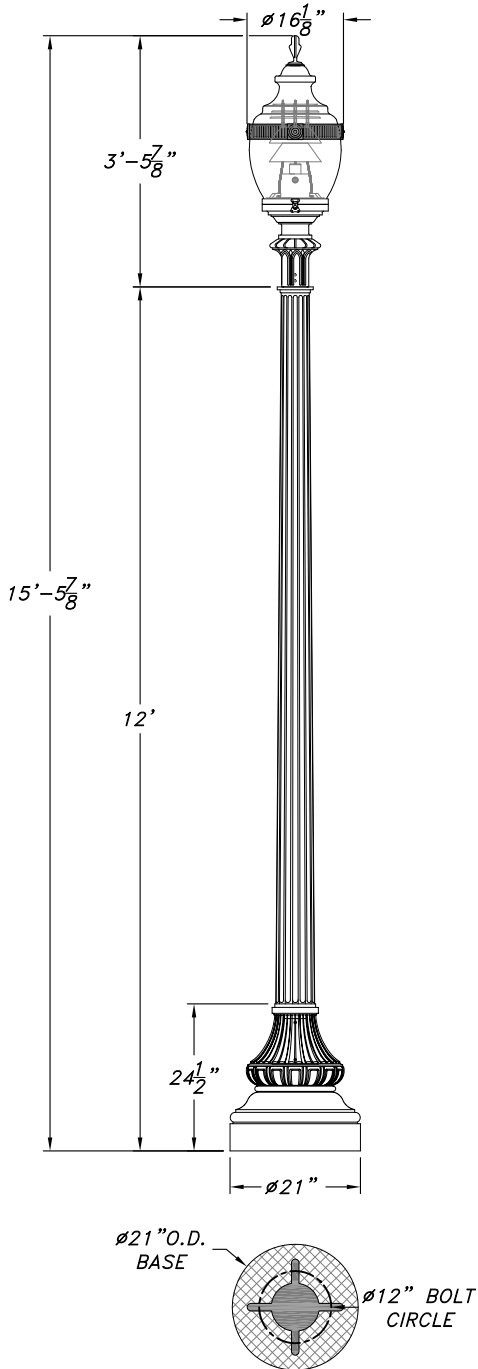


CORE CAST NILAND-21 SERIES



SCALE: 3/8"=1'-0"

Catalog Name:

CCN-21-CITF-12-CP-118-SPLIT-BL-BAND

Revision #: 0

Date: 02.15.18

Page: 1 of 3

Revision History: N/A

Niland Approval: Luis M. Gomez

Customer Approval:

CSI POLE SPECIFICATION

I. BASE/POLE

Base/pole shall be one piece cast iron. Iron shall be certified as pure 356 copper free of any porosity, foreign materials or cosmetic fillers certified ASTM A48, Class 30 iron. Base/pole casting shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be .250". Cast iron access cover shall be secured with two to four stainless steel screws. The anchor bolts located in the base shall be cast in place as part of the base casting, for maximum strength.

II. ANCHORAGE DETAIL

Standard 3/4" x 24" L-type bolts shall be used for installation.

III. HOUSING

The post top shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical components are mounted in the ballast canister. The ballast canister shall be mounted in the post top with three stainless steel screws. A optional refractor will be a upgrade refractor globe or borosilicate glass refractor designed for either a type III or type V light distribution pattern.

IV. ELECTRICAL

All electrical components and materials shall be UL-recognized and wired by a certified UL technician. All Niland ballasts are high power factor rated for -30°C/-20°F starting. Medium and Mogul base sockets are 4 KV rated. The electrical assembly is prewired with quick disconnects for servicing. Fixture shall be UL certified for wet locations. Optional LED unit.

FINISHES

Five Year Powder Coating Warranty

Niland Company factory-applied powder coatings are warranted against peeling, excessive fading and cracking under normal climatic exposure for a period of five years from date of shipment. Damage to finish coating caused by abuse or mishandling during installation is not covered by warranty. This warranty is limited to the repair or replacement of the material involved and does not included reimbursement of consequential expenses such as installation or removal of equipment or transportation costs.

I. STANDARD FINISH

Satin iron achieved by rotary sanding, blasting and phosphate conversion coating.

II. THERMOSET POWDER PAINT FINISH

Pretreatment shall consist of degreasing phosphate acid-etching with 140° and de-ionizing water, rinsed and oven dried.

FINISH COAT

Thermoset TGIC super polyester powder coat finish electrostatically applied, oven cured and bonded at approximately 420° F to a minimum dry film thickness of 1.6 mils. All Niland powders must pass a minimum 3000-hour salt-spray test for corrosion resistance. The National Association of Architectural Metal Manufacturers, Metal Finishes Manual rates the outdoor life of these powders at 15-plus years.

III. LIQUID FINISH

Optional liquid finish is first prime coated then finished with a two part liquid epoxy coat.

WARRANTY

Niland Company warrants to repair or replace, at our option, any equipment that fails due to defects in material or workmanship within one year from date of shipment. This warranty does not include failures as a result of improper installation, mishandling or misapplication. This guarantee is limited to repair or replacement only and does not include reimbursement for expense of installation, removal of equipment, transportation or any other expenses that may be incurred. Authorization must be obtained from Niland Company in El Paso, Texas before any material is returned.



Niland Company