

Specifications

DESCRIPTION

The Esplanade furninaire is styled to replicate the "teardrop" furninaires that lighted boulevards in the first half of this century. Designed for light control and ease of Installation and maintenance, the Esplanade has a precision optical system for true street lighting performance.

WIRING CHAMBE

The wiring chamber has a 1-1/2 inch, gasketed, NPT threaded entry for pendant mounting. A stainless steel set screw locks the unit in position. A three station terminal block will accept #14 through #2 wires and is prewired to one half of the plug assembly that connects to the removable electrical module. **ELECTRICAL / REFLECTOR ASSEMBLY**

The electrical / reflector assembly hinges down from the wiring chamber for ease in wiring and to facilitate the removal of the electrical module. The assembly is secured in place by a stainless steel latch. The unitized electrical module consists of the ballast mounted to an aluminum plate that is easily removed by loosening two screws in keyhole slots. The disconnect plug connects the ballast to the terminal block in the wiring chamber. The socket is street lightling grade with nickel plated lamp grip shell, center contact backed by a coiled spring and glazed porcelain body. The anodized and brightened reflector is formed with flutes to control voltage rise in the lamp and to work in conjunction with the refractor to provide the desired distribution of light. REFRACTOR / DOOR ASSEMBLY

The cast aluminum door cradles a feardrop or sag shaped, thermal resistant borosilicate glass refractor that controls the light to provide an I.E.S. symmetric or asymmetric cut off distribution. The combination of reflector, refractor and vertical burning lamp maximize efficiency and uniformity of illumination while controlling luminaire brightness. The refractor assembly and decorative skirt (when applicable) assembly hinges from the electrical / reflector assembly and is latched by a stainless steel, captive, wing nut assembly.

RALLAST

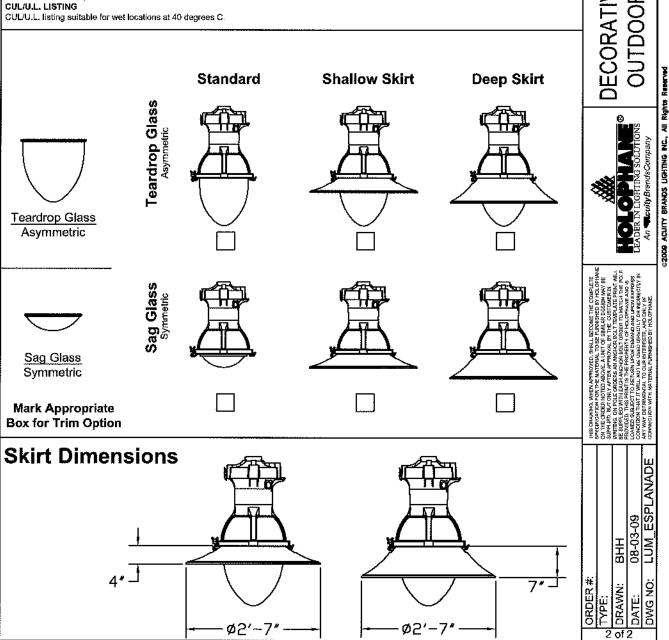
(Refer to Ballast Data Sheet for specific operating characteristics)

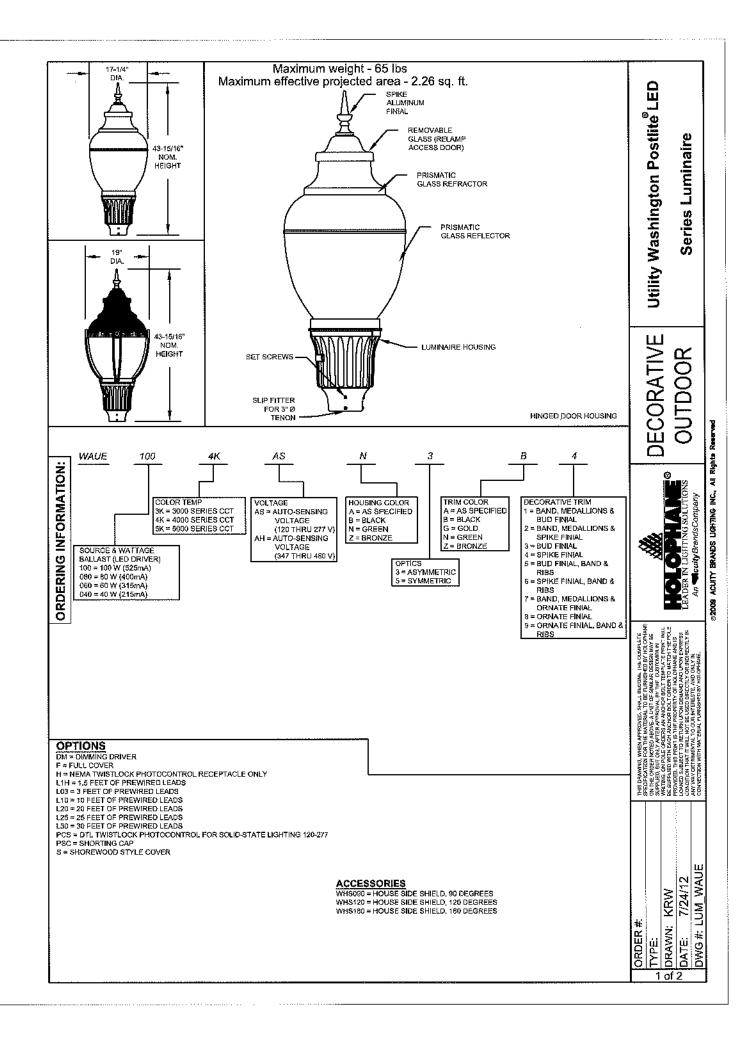
150 watt and below 120 volt High Pressure Sodium (HPS) ballasts are High Power Factor Reactor type. All other 150 watt and below are High Power Factor Autotransformer type, 250 and 400 watt HPS ballasts are Lead type.

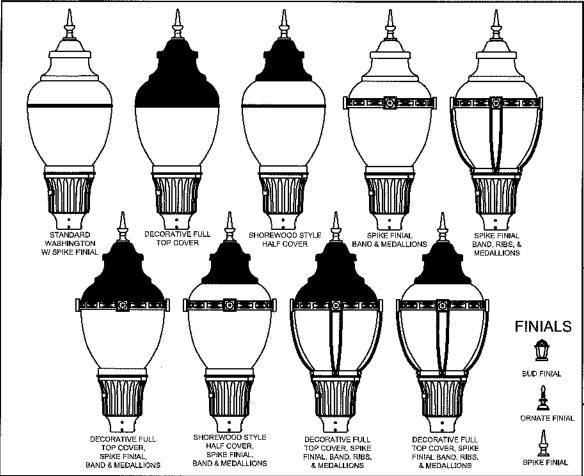
All Metal Halide (MH) ballasts are Peak Lead Autotransformer type.

FINISH / MATERIAL

The luminaire is finished with polyester powder paint to insure maximum durability. All castings utilize alloy #356 aluminum for maximum corrosion resistance and all exposed hardware is stainless steel.







Specifications

GENERAL DESCRIPTION

The Utility Washington Postlite LED luminaire is designed for ease of maintenance with the plug-in electrical module common to each of the luminaires in Holophane's Utility Luminaire Series. The traditional acorn shaped luminaire, while reminiscent of the 1920's, contains a precision optical system that maximizes post spacings while maintaining uniform illumination.

OPTICAL SYSTEM

The optical assembly is a precisely molded thermal resistant borositicate glass reflector and refractor. The upper portion of this system incorporates a series of reflecting prisms that redirect over 50% of the upward light into the controlling refractor while allowing a soft uplight component to define the traditional acorn shape. Two decorative aluminum top cover options are available. The lower portion uses precisely molded refracting prisms to control the distribution of light to maximize utilization, uniformity, and luminaire spacing. The very top of this assembly is a glass cover with decorative finial. Two unique optical assemblies are available, designed for IES type III, and type V distribution.

LUMINAIRE HOUSING

The luminaire housing, cast of aluminum, has a tool-less swing open door for providing an enclosure for the plug-in electrical module. The slipfitter will accept a 3" by 2-7/8" to 3-1/8" O.D. tenon.

ELECTRICAL MODULE

The electronic components are mounted on a steel plate that is removable with minimum use of tools. A matching five conductor plug connects to the receptacle in the luminaire housing to complete the wiring. For photoelectric operation, the electrical module is provided with an E.E.I.-N.E.M.A. twist lock photocell receptacle.

ELECTRONIC DRIVER

(Refer to Data Sheet for specific operation characteristics)

FINISH

The luminaire is finished with polyester powder paint to insure maximum durability.

REGULATORY LISTING

The luminaire is CSA listed as suitable for wet locations at a maximum of 35 degrees C ambient temperature. The luminaire housing is rated IP55 and the optical system IP66 rated.

DECORATIVE

Utility Washington Postlite LED

Series Luminaire

LUM WAU 7/24/12 DWG #

KRW DRAWN: DATE: TYPE