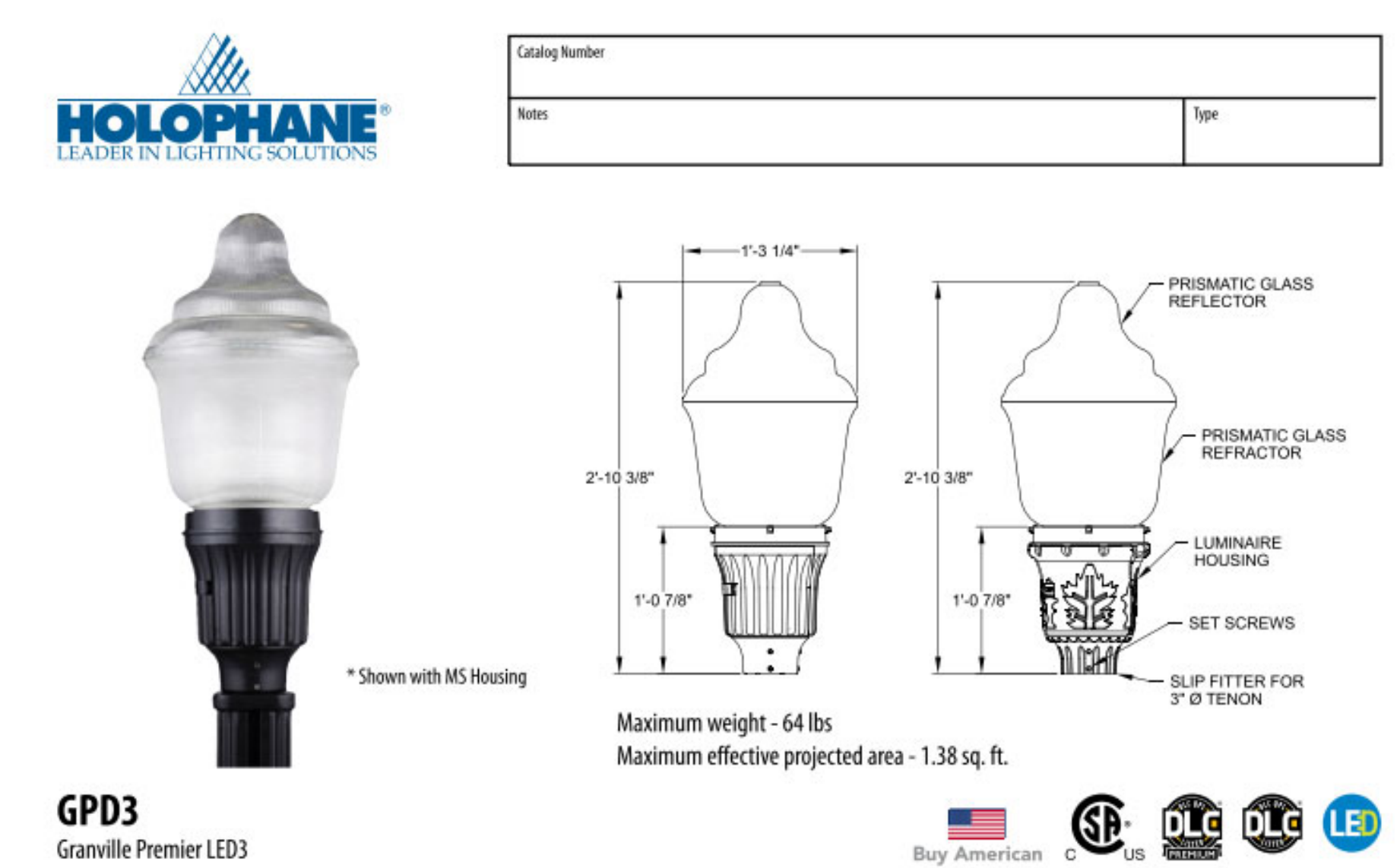


Note
This architectural lighting submittal is provided only for informational purposes and to help the customer or end-user (as applicable) understand how various sections of linear fixtures connect to each other and how they mount to the ceiling. This lighting submittal is strictly based on the information provided to Acuity Brands, and is provided without warranty as to accuracy, completeness, reliability or otherwise. If the information (including but not limited to floor plans, reflected ceiling plans, electrical plans and specifications) provided to Acuity Brands is incomplete or not current (i.e., newer versions exist), the accuracy of proposed design may be adversely affected. Once this lighting submittal is received by the customer or end-user (as applicable), it is the obligation of the customer or end-user (as applicable) to consult with a professional engineering advisor to determine whether the proposed design meets the applicable project requirements for lighting system performance, code compliance, safety, suitability and effectiveness for use in a particular application. In no event will Acuity Brands be responsible for any loss resulting from any use of any information contained in this lighting submittal.



GPD3
Granille Premier LED3

Specifications

General Description
The Granille Premier LED3 is designed for ease of maintenance with the plug-in electrical module connected to the luminaire in Holophane's Utility Luminaire Series. The traditional acorn-shaped luminaire, while reminiscent of the 1920's, contains a powerful, stack-mounted Chip-on-Board LED platform with a precision optical system that maximizes foot spacing while maintaining uniform illumination.

Mechanical Specifications
The luminaire housing shall:
- Be heavy grade A360 cast aluminum (aluminum with < 1% copper)
- IP53 rated housing provides lock-less access with a spring-loaded latch
- Incorporate a hidden hinge door allowing the door to swing open and remain open
- Offer an EE-NEMA twist lock photocell receptacle, the housing contains a tempered glass window to allow light to reach the cell
- Mount to slip-fitter that will accept 3" high by 2 7/8" to 3 1/8" O.D. pole tenon
- Provide four uniquely designed stainless steel spring clips, enclosed in a clear polycarbonate sleeve and adjusted by 1/4-20 hex head bolts that securely cradle the prismatic glass reflector. The same 1/4-20 bolts also support the decorative ribs and banding assembly.
The finish shall:
- Utilize a polyester power coat paint to ensure maximum durability
- Rigorous multi-stage pre-treating and painting process yields a finish that achieves a scratch creepage rating of 8 (per ASTM D1554) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117) on standard and RAL finish options.
- RAL (RAL4005/50) paint colors are Super Durable Corrosion Resistant, 80% gloss.

Electrical Specifications
The driver shall meet the following requirements:
- Certified by UL or CSA for wet locations
- A factory programmable electronic driver with 0-10V dimming control leads
- LEDs shall have a minimum of 70,000 and available in 200K, 300K, 400K, and 500K CCT
- The electrical system shall be designed to meet ANSI/IEEE 62.41.2 and shall offer a 10kV/5kA surge protection, fail safe, as standard with an upgradable 20kV/10kA surge protection, fail off with indicator light, option
- Lumen output can be customized prior to manufacturing by way of PPDA Options
- The electrical components are mounted on an aluminum plate that is removable with minimum use of tools. A matching fire conductor plug connects to the receptacle in the luminaire housing to complete the wiring. For photoelectric operation, the electrical module is provided with an EE-NEMA twist-lock photocell receptacle.

Optical Specifications
The optical system is PMMA coated and consists of a precisely milled thermal resistant borosilicate glass reflector and top reflector mounted within the decorative glass optic. The top reflector redirects over 50% of the upward light into the controlling reflector while allowing a soft up-light component to define the traditional acorn shape of the luminaire. The lower reflector uses precisely milled prisms to maximize the pole spacing while maintaining uniform illumination. Two reflectors are available, designed for EE Type III and IV distributions. Linear Optic shielding is available for asymmetric and symmetric distributions.

Control Options
The control options shall include, but not limited to, the following:
- Field adjustable output to adjust output to luminaire - AO
- Long life photocell, 20 years - KLL, P4 and P48 with DTL
- 1 and 7 pin receptacles internally in housing (P4, P47 or inside glass mounted (P47))
- Light Air (LED) outdoor feature-mounted motion and photo-sensor, features a dual radio to communicate wirelessly to other Light Air devices for group response to motion, sunset control in response to daylight and by switch - R300B
- Feature embedded rLight, Air network interface for individual fixture control and dimming - R1402

Certification and Standards
- Luminaire shall be UL or CSA listed.
- Suitable for operation in an ambient temperature up to 40°C / 105°F per UL or CSA certification.
- LM79 compliant
- DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check with the DLC Qualified Products List at www.designlights.org/DLC to confirm which versions are qualified.

BUY AMERICAN
This product is assembled in the USA and meets the Buy American government procurement requirements under FARs, DFARS and DOT. Please refer to www.acuitybrands.com/support/warranty/terms-and-conditions for additional information.

Warranty - 5 Year Limited
Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

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Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Lot	X	1.5%	3.3%	0.2%	16.5:1	7.5:1
Spot Light Summary	+	0.3%	3.3%	0.0%	N/A	N/A

Luminaire Locations

No.	Label	X	Y	Z	MR	Orientation	Tilt
1	B	995919.50	1901366.00	14.00	14.00	90.00	0.00
2	B	995920.00	1901366.00	14.00	14.00	90.00	0.00
3	B	995969.00	1901268.00	14.00	14.00	0.00	0.00

Note
Please note this analysis does not comply with minimal IESNA levels for parking and pedestrian safety. Acuity Brands will not be liable for any safety issues that may arise from the installation of this design.

Note
1. Readings shown are based on a total LFP of as shown at grade. Data references the extrapolated performance projections in a 25c ambient based on 10,000 hrs of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11).
2. Please refer to the "luminaire locations" table for mounting heights.
3. Product information can be obtained at www.holophane.com

Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Ballast	Lumens per Lamp	Light Loss Factor	Wattage	Efficiency	Distribution	Plot
B	B	3	Holophane	GPD3 350 40K XXXX G3	Granille Premier Gpd3 PDS Performance Package, 4000K CCT, Type 3 Distribution	3	0015 PDS 40K Lamp	13950	0.91	95	100%	FIVE BY NINETEEN, RAOI, RATING: B3 - US - GS	