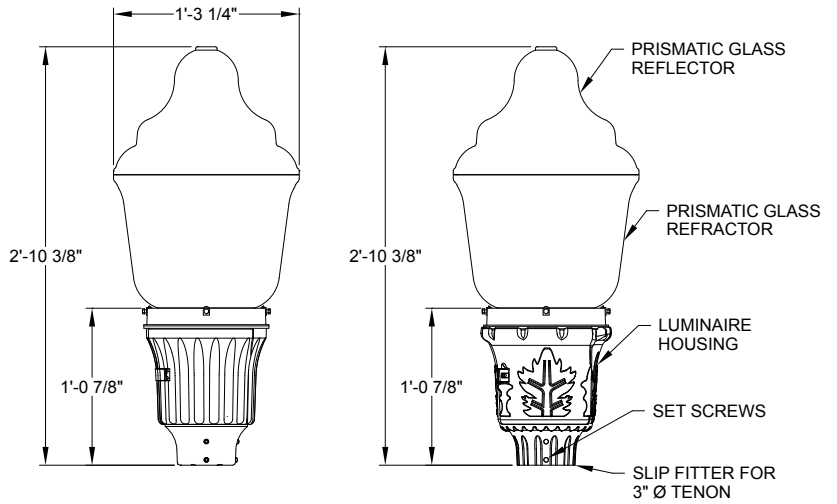


| | |
|----------------|------|
| Catalog Number | |
| Notes | Type |



* Shown with MS Housing



Maximum weight - 64 lbs
Maximum effective projected area - 1.38 sq. ft.

GPD3

Granville Premier LED3



SPECIFICATIONS

General Description

The Granville Premier LED3 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 powerful, stalk-mounted Chip-On-Board LED platform with a precision optical system that maximizes post spacings while maintaining uniform illumination.

Mechanical Specifications

The luminaire housing shall:

- Be heavy grade A360 cast aluminum (aluminum with <1% copper)
- IP55 rated housing provides tool-less access with a spring-loaded latch
- Incorporate a hidden hinge door allowing the door to swing open and remain open
- Offer an EEI- NEMA twist lock photocontrol 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 polyvinyl chloride sleeve and adjusted by 1/4-20 hex-head bolts that securely cradle the prismatic glass refractor. The same 1/4-20 bolts also support the decorative rib 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 scribe creepage rating of 8 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117) on standard and RAL finish options.
- RAL (RALxxxxSDCR) 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 CRI and available in 2700K, 3000K, 4000K, and 5000K CCT
- The electrical system shall be designed to meet ANSI/IEEE C62.41.2 and shall offer a 10kV/5kA surge protection, fail off, 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 FPDxx Options
- The electrical components are mounted on an aluminum plate that is removeable 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 EEI-NEMA twist-lock photocell receptacle.

Optical Specifications

The optical system is IP66 rated and consists of a precisely molded thermal resistant borosilicate glass refractor and top reflector mounted within the decorative glass optic. The top reflector redirects over 50% of the upward light into the controlling refractor while allowing a soft up-light component to define the traditional acorn shape of the luminaire. The lower refractor uses precisely molded prisms to maximize the pole spacings while maintaining uniform illuminance. Two refractors are available, designed for IES type III and V distributions. Lunar Optics 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 photocontrol, 20 years – PCLL, P34 and P48 with DTL
- 7 pin receptacles internally in housing (PR7) or inside glass mounted (PR7E - not for use with photocontrols & nodes must have photocontrol disabled)
- nLight Air rSBOR6 outdoor fixture-mounted motion and photo-sensor, features a dual radio to communicate wirelessly to other nLight Air devices for group response to motion, on/off control in response to daylight and by switch – rSBOR6
- Fixture embedded nLight Air network interface for individual fixture control and dimming - NLTAIR2.

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/QPL to confirm which versions are qualified.

Government Procurement

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. 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. Specifications subject to change without notice.

ORDERING INFORMATION

Example: GPD3 P30 30K MVOLT MS GL3 BK RB ST TBK AO

| Series | LED Performance Package | LED Color temperature | Voltage | Housing Style |
|-----------------------------|---------------------------|-----------------------|-------------------------------------|-----------------------------------|
| GPD3 Granville Premier LED3 | P10 3,400 nominal lumens | 27K 2700K CCT | MVOLT Auto-Sensing 120-277V 50/60HZ | MS Modern Style Swing Open Design |
| | P20 5,400 nominal lumens | 30K 3000K CCT | HVOLT Auto-Sensing 347-480V 50/60HZ | |
| | P30 8,800 nominal lumens | 40K 4000K CCT | | LS Leaf Style Swing Open Design |
| | P40 11,700 nominal lumens | 50K 5000K CCT | | |
| | P50 14,000 nominal lumens | | | |

| Optics | Housing Color | Trim | Finial | Trim Color |
|------------------------------------|---|-----------------|-------------------|--|
| GL3 Glass, Type III | BK Black | (Blank) No Trim | (Blank) No Finial | TBK Black |
| GL5 Glass, Type V | BZ Bronze | RB Ribs & Band | BL Ball | TBZ Bronze |
| GL3LU Glass, Type III Lunar Optics | GH Graphite | | CL Clear | TGL Gold |
| GL5LU Glass, Type V Lunar Optics | GN Green | | EG Eagle | TGH Graphite |
| | GR Grey | | FL Flower | TGN Green |
| | PP Prime Paint | | PN Pawn | TGR Grey |
| | WH White | | CR Cross | TPP Prime Paint |
| | CMC CustomMatchColor Finish | | ST Standard | TWH White |
| | XX STD Finish, TBD | | RM Roman Cross | TCMC Custom Match Color Finish |
| | RALxxxxSDCR RAL Super Durable Corrosion Resistant, 80% Gloss Paint, replace xxxx with RAL number. | | | TRALxxxxSDCR RAL Super Durable Corrosion Resistant, 80% Gloss Paint, replace xxxx with RAL number. |
| | | | | TXX STD Finish, TBD |

Options: Option Compatibility Matrix on page 3 of 4

| CONTROLS OPTIONS | PREWIRED LEAD OPTIONS | COVER OPTIONS |
|---|---------------------------|----------------------------------|
| AO Field Adjustable Output | L1H 1.5 ft prewired leads | FC Full Cover |
| PR7 NEMA twistlock dimming photocontrol receptacle - 7 pin | L03 3 ft prewired leads | MC Mayfield Half Cover |
| PR7E NEMA twistlock dimming photocontrol receptacle - 7 Pin (Under Glass) | L10 10 ft prewired leads | |
| PCLL Long Life DTL Twistlock Photocontrol for Solid State, MVOLT | L20 20 ft prewired leads | NEMA LABEL OPTIONS |
| P34 Long Life DTL Twistlock Photocontrol for Solid State, 347V | L25 25 ft prewired leads | NL1X1 1" X 1" ANSI Wattage Label |
| P48 Long Life DTL Twistlock Photocontrol for Solid State, 480V | L30 30 ft prewired leads | NL2X2 2" X 2" ANSI Wattage Label |
| SH Shorting Cap | | |
| RSBOR6 nLight Motion Sensing Photocontrols | | |
| NLTAIR2 nLight r10 2.0 Antenna | | |
| DRIVER ELECTRICAL OPTIONS | | |
| FPDxx Factory Programmed Driver | | |
| 20KV Extreme surge protection 20kV/10kA, fail off with indicator light | | |

| Accessories: Order as separate catalog number. | |
|--|--------------------------------------|
| HOUSE-SIDE SHIELD OPTIONS | |
| GVDHSS90 | House Side Shield Solid 90° |
| GVDHSS12 | House Side Shield Solid 120° |
| GVDHSS18 | House Side Shield Solid 180° |
| GVDHSL90 | House Side Shield Solid 90° (Lunar) |
| GVDHSL12 | House Side Shield Solid 120° (Lunar) |
| GVDHSL18 | House Side Shield Solid 180° (Lunar) |

OPTIONS MATRIX

| GPD3 (Utility Housing) | | Housing Style | | LED Package | | | | | Voltage | | Distribution | | | | Trims | | Options | | | | | | | | | | | | Covers | |
|---------------------------|----------|---------------|----|-------------|-----|-----|-----|-----|---------|-------|--------------|-----|-------|-------|-------|----|---------|-----|------|------|-----|-----|----|--------|---------|------|----|----|--------|--|
| | | MS | LS | P10 | P20 | P30 | P40 | P50 | MVOLT | HVOLT | GL3 | GL5 | GL3LU | GL5LU | RB | A0 | FPDxx | PR7 | PR7E | PCLL | P34 | P48 | SH | RSBOR6 | NLTAIR2 | 20kV | FC | MC | | |
| Housing Style | MS | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| | LS | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| LED Package | P10 | Y | Y | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | | |
| | P20 | Y | Y | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| | P30 | Y | Y | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| | P40 | Y | Y | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| | P50 | Y | Y | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | |
| Voltage | MVOLT | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | | |
| | HVOLT | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | N | Y | Y | Y | | | |
| Distributions | GL3 | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | |
| | GL5 | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | |
| | GL3LU | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | N | Y | Y | | | | |
| | GL5LU | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | N | Y | Y | | | | |
| Trims | RB | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | |
| Options | A0 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | | | |
| | FPDxx | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | |
| | PR7 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | N | Y | Y | | | | |
| | PR7E | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | N | N | Y | N | | | | |
| | PCLL | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | N | N | N | Y | Y | | | | |
| | P34 | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | N | N | N | Y | Y | | | | |
| | P48 | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | N | N | Y | Y | | | | | |
| | SH | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | N | N | Y | Y | | | | | |
| | RSBOR6 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | N | N | N | N | N | N | N | Y | Y | | | | |
| | NLTAIR2 | Y | Y | N | Y | Y | Y | Y | N | Y | Y | N | N | Y | N | Y | N | N | N | N | N | N | N | N | N | Y | N | | | |
| | 20kV | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| Covers | FC | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | N | Y | N | | | | |
| | MC | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | N | Y | N | | | | |
| Finials | BL | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | CL | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | EG | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | FL | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | NONE | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | | | | |
| | PN | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | CR | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | ST | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| House-Side Shield | GVDHSS90 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | GVDHSS12 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | GVDHSS18 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | |
| | GVDHSL90 | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | N | Y | | | | | |
| | GVDHSL12 | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | N | Y | | | | | |
| | GVDHSL18 | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | N | Y | | | | | |

MATRIX KEY

I = Combined Options Included
 N = Combination Not available
 Y = Valid Option Combination

LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

Use the factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F)

| Ambient Temp | | Lumen Multiplier | |
|--------------|-----|------------------|---------------|
| °C | °F | P10, P20 | P30, P40, P50 |
| 0 | 32 | 1.03 | 1.04 |
| 5 | 41 | 1.02 | 1.04 |
| 10 | 50 | 1.02 | 1.03 |
| 15 | 59 | 1.01 | 1.02 |
| 20 | 68 | 1.01 | 1.01 |
| 25 | 77 | 1.00 | 1.00 |
| 30 | 86 | 0.99 | 0.99 |
| 35 | 94 | 0.99 | 0.98 |
| 40 | 104 | 0.98 | 0.97 |

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the platforms noted in 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Lumen Maintenance - LLD (Same for all LED packages) | | | | | | | |
|---|---|--------|--------|--------|--------|--------|---------|
| Hours | 0 | 25,000 | 36,000 | 50,000 | 60,000 | 75,000 | 100,000 |
| Factor | 1 | 0.96 | 0.94 | 0.91 | 0.90 | 0.87 | 0.83 |

The *italicized* data is extrapolated beyond the TM-21 standard.

PERFORMANCE DATA

| Performance Package | Distribution | Input Watts | 27K (2700K CCT, 70 CRI) | | | | | 30K (3000K CCT, 70 CRI) | | | | | 40K (4000K CCT, 70 CRI) | | | | | 50K (5000K CCT, 70 CRI) | | | | |
|---------------------|--------------|-------------|-------------------------|-----|---|---|---|-------------------------|-----|---|---|---|-------------------------|-----|---|---|---|-------------------------|-----|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G |
| P10 | GL3 | 23 | 2,965 | 129 | 1 | 4 | 2 | 3,365 | 146 | 1 | 4 | 3 | 3,428 | 149 | 1 | 4 | 3 | 3,490 | 152 | 1 | 4 | 3 |
| | GL5 | | 2,906 | 126 | 2 | 4 | 2 | 3,299 | 143 | 2 | 4 | 2 | 3,361 | 146 | 2 | 4 | 2 | 3,421 | 149 | 2 | 4 | 2 |
| | GL3LU | | 2,335 | 102 | 1 | 3 | 1 | 2,650 | 115 | 1 | 3 | 1 | 2,699 | 117 | 1 | 3 | 1 | 2,748 | 119 | 1 | 3 | 1 |
| | GL5LU | | 2,269 | 99 | 2 | 3 | 1 | 2,575 | 112 | 2 | 3 | 1 | 2,623 | 114 | 2 | 3 | 1 | 2,670 | 116 | 2 | 3 | 1 |
| P20 | GL3 | 37 | 4,698 | 127 | 2 | 4 | 3 | 5,333 | 144 | 2 | 5 | 3 | 5,432 | 147 | 2 | 5 | 3 | 5,531 | 149 | 2 | 5 | 3 |
| | GL5 | | 4,607 | 125 | 3 | 4 | 2 | 5,229 | 141 | 3 | 4 | 3 | 5,325 | 144 | 3 | 4 | 3 | 5,422 | 147 | 3 | 5 | 3 |
| | GL3LU | | 3,700 | 100 | 2 | 3 | 2 | 4,200 | 114 | 2 | 3 | 2 | 4,278 | 116 | 2 | 3 | 2 | 4,356 | 118 | 2 | 3 | 2 |
| | GL5LU | | 3,595 | 97 | 2 | 3 | 1 | 4,081 | 110 | 3 | 3 | 2 | 4,157 | 112 | 3 | 3 | 2 | 4,232 | 114 | 3 | 3 | 2 |
| P30 | GL3 | 57 | 7,594 | 133 | 3 | 5 | 4 | 8,619 | 151 | 3 | 5 | 4 | 8,779 | 154 | 3 | 5 | 4 | 8,939 | 157 | 3 | 5 | 4 |
| | GL5 | | 7,445 | 131 | 3 | 5 | 3 | 8,444 | 148 | 3 | 5 | 3 | 8,607 | 151 | 3 | 5 | 3 | 8,764 | 154 | 3 | 5 | 3 |
| | GL3LU | | 5,980 | 105 | 2 | 3 | 2 | 6,788 | 119 | 3 | 3 | 3 | 6,914 | 121 | 3 | 3 | 3 | 7,039 | 123 | 3 | 3 | 3 |
| | GL5LU | | 5,811 | 102 | 3 | 3 | 2 | 6,596 | 116 | 3 | 3 | 2 | 6,718 | 118 | 3 | 4 | 2 | 6,840 | 120 | 3 | 4 | 2 |
| P40 | GL3 | 78 | 10,123 | 130 | 3 | 5 | 5 | 11,490 | 147 | 3 | 5 | 5 | 11,703 | 150 | 3 | 5 | 5 | 11,916 | 153 | 3 | 5 | 5 |
| | GL5 | | 9,924 | 127 | 3 | 5 | 3 | 11,266 | 144 | 4 | 5 | 4 | 11,475 | 147 | 4 | 5 | 4 | 11,682 | 150 | 4 | 5 | 4 |
| | GL3LU | | 7,972 | 102 | 3 | 3 | 3 | 9,049 | 116 | 3 | 4 | 3 | 9,216 | 118 | 3 | 4 | 3 | 9,384 | 120 | 3 | 4 | 3 |
| | GL5LU | | 7,746 | 99 | 3 | 4 | 2 | 8,792 | 113 | 3 | 4 | 2 | 8,955 | 115 | 3 | 4 | 2 | 9,118 | 117 | 3 | 4 | 2 |
| P50 | GL3 | 95 | 12,067 | 127 | 3 | 5 | 5 | 13,697 | 144 | 3 | 5 | 5 | 13,950 | 147 | 3 | 5 | 5 | 14,204 | 150 | 3 | 5 | 5 |
| | GL5 | | 11,830 | 125 | 4 | 5 | 4 | 13,418 | 141 | 4 | 5 | 4 | 13,678 | 144 | 4 | 5 | 4 | 13,927 | 147 | 4 | 5 | 4 |
| | GL3LU | | 9,503 | 100 | 3 | 4 | 3 | 10,786 | 114 | 3 | 4 | 3 | 10,986 | 116 | 3 | 4 | 3 | 11,186 | 118 | 3 | 4 | 3 |
| | GL5LU | | 9,233 | 97 | 3 | 4 | 3 | 10,481 | 110 | 4 | 4 | 3 | 10,675 | 112 | 4 | 4 | 3 | 10,869 | 114 | 4 | 4 | 3 |

FPDXX DATA OPTIONS

| FPDxx Setting | Wattage | P10 27K | | | | P10 30K | | | | P10 40K | | | | P10 50K | | | |
|---------------|---------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|
| | | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU |
| Standard | 23 | 2,965 | 2,905 | 2,335 | 2,269 | 3,365 | 3,298 | 2,650 | 2,575 | 3,428 | 3,359 | 2,699 | 2,623 | 3,490 | 3,420 | 2,748 | 2,671 |
| FPD95 | 22 | 2,825 | 2,768 | 2,224 | 2,161 | 3,206 | 3,142 | 2,525 | 2,453 | 3,266 | 3,200 | 2,572 | 2,499 | 3,325 | 3,258 | 2,618 | 2,544 |
| FPD90 | 21 | 2,684 | 2,630 | 2,114 | 2,054 | 3,047 | 2,985 | 2,399 | 2,331 | 3,103 | 3,041 | 2,444 | 2,375 | 3,160 | 3,096 | 2,488 | 2,418 |

| FPDxx Setting | Wattage | P20 27K | | | | P20 30K | | | | P20 40K | | | | P20 50K | | | |
|---------------|---------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|
| | | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU |
| Standard | 37 | 4,699 | 4,604 | 3,700 | 3,595 | 5,333 | 5,226 | 4,200 | 4,081 | 5,432 | 5,323 | 4,278 | 4,157 | 5,531 | 5,420 | 4,355 | 4,232 |
| FPD95 | 35 | 4,478 | 4,388 | 3,527 | 3,427 | 5,083 | 4,981 | 4,003 | 3,890 | 5,178 | 5,073 | 4,077 | 3,962 | 5,272 | 5,165 | 4,151 | 4,034 |
| FPD90 | 34 | 4,257 | 4,171 | 3,352 | 3,257 | 4,832 | 4,735 | 3,805 | 3,697 | 4,922 | 4,822 | 3,876 | 3,766 | 5,011 | 4,910 | 3,946 | 3,834 |
| FPD85 | 32 | 4,035 | 3,953 | 3,177 | 3,087 | 4,580 | 4,487 | 3,606 | 3,504 | 4,664 | 4,570 | 3,673 | 3,569 | 4,749 | 4,653 | 3,740 | 3,634 |
| FPD80 | 30 | 3,811 | 3,734 | 3,001 | 2,916 | 4,326 | 4,238 | 3,406 | 3,310 | 4,406 | 4,317 | 3,469 | 3,371 | 4,486 | 4,396 | 3,533 | 3,433 |
| FPD75 | 28 | 3,586 | 3,514 | 2,824 | 2,744 | 4,071 | 3,988 | 3,205 | 3,115 | 4,146 | 4,062 | 3,265 | 3,172 | 4,221 | 4,136 | 3,324 | 3,230 |
| FPD70 | 26 | 3,360 | 3,293 | 2,646 | 2,571 | 3,814 | 3,737 | 3,004 | 2,919 | 3,885 | 3,807 | 3,059 | 2,973 | 3,956 | 3,876 | 3,115 | 3,027 |

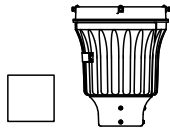
| FPDxx Setting | Wattage | P30 27K | | | | P30 30K | | | | P30 40K | | | | P30 50K | | | |
|---------------|---------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|
| | | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU |
| Standard | 57 | 7,594 | 7,441 | 5,980 | 5,811 | 8,620 | 8,446 | 6,788 | 6,596 | 8,780 | 8,603 | 6,913 | 6,718 | 8,939 | 8,759 | 7,039 | 6,840 |
| FPD95 | 54 | 7,247 | 7,101 | 5,707 | 5,545 | 8,226 | 8,060 | 6,478 | 6,294 | 8,378 | 8,209 | 6,598 | 6,411 | 8,531 | 8,359 | 6,718 | 6,528 |
| FPD90 | 51 | 6,897 | 6,758 | 5,431 | 5,277 | 7,829 | 7,671 | 6,165 | 5,990 | 7,974 | 7,813 | 6,279 | 6,101 | 8,119 | 7,955 | 6,393 | 6,212 |
| FPD85 | 48 | 6,544 | 6,412 | 5,153 | 5,007 | 7,428 | 7,278 | 5,849 | 5,684 | 7,565 | 7,413 | 5,957 | 5,789 | 7,703 | 7,548 | 6,066 | 5,894 |
| FPD80 | 45 | 6,045 | 5,923 | 4,760 | 4,625 | 6,861 | 6,723 | 5,403 | 5,250 | 6,989 | 6,848 | 5,503 | 5,348 | 7,116 | 6,972 | 5,603 | 5,445 |
| FPD75 | 43 | 5,632 | 5,518 | 4,435 | 4,309 | 6,393 | 6,264 | 5,034 | 4,891 | 6,511 | 6,380 | 5,127 | 4,982 | 6,629 | 6,496 | 5,220 | 5,073 |
| FPD70 | 40 | 5,256 | 5,150 | 4,139 | 4,022 | 5,966 | 5,846 | 4,698 | 4,565 | 6,077 | 5,954 | 4,785 | 4,650 | 6,187 | 6,063 | 4,872 | 4,735 |

| FPDxx Setting | Wattage | P40 27K | | | | P40 30K | | | | P40 40K | | | | P40 50K | | | |
|---------------|---------|---------|-------|-------|-------|---------|--------|-------|-------|---------|--------|-------|-------|---------|--------|-------|-------|
| | | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU |
| Standard | 78 | 10,123 | 9,919 | 7,972 | 7,746 | 11,491 | 11,259 | 9,048 | 8,793 | 11,704 | 11,468 | 9,216 | 8,956 | 11,917 | 11,676 | 9,384 | 9,118 |
| FPD95 | 73 | 9,679 | 9,484 | 7,622 | 7,407 | 10,987 | 10,765 | 8,652 | 8,407 | 11,191 | 10,965 | 8,812 | 8,563 | 11,394 | 11,164 | 8,972 | 8,719 |
| FPD90 | 69 | 9,229 | 9,043 | 7,268 | 7,062 | 10,476 | 10,265 | 8,249 | 8,016 | 10,670 | 10,455 | 8,402 | 8,164 | 10,864 | 10,645 | 8,555 | 8,313 |
| FPD85 | 65 | 8,772 | 8,595 | 6,908 | 6,712 | 9,957 | 9,756 | 7,841 | 7,619 | 10,141 | 9,937 | 7,986 | 7,760 | 10,326 | 10,118 | 8,131 | 7,901 |
| FPD80 | 61 | 8,308 | 8,141 | 6,543 | 6,358 | 9,431 | 9,241 | 7,426 | 7,216 | 9,606 | 9,412 | 7,564 | 7,350 | 9,780 | 9,583 | 7,702 | 7,484 |

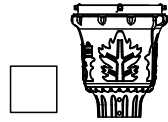
| FPDxx Setting | Wattage | P50 27K | | | | P50 30K | | | | P50 40K | | | | P50 50K | | | |
|---------------|---------|---------|--------|-------|-------|---------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|
| | | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU | GL3 | GL5 | GL3LU | GL5LU |
| Standard | 95 | 12,067 | 11,824 | 9,502 | 9,234 | 13,697 | 13,421 | 10,786 | 10,481 | 13,951 | 13,670 | 10,986 | 10,675 | 14,205 | 13,919 | 11,186 | 10,869 |
| FPD95 | 90 | 11,562 | 11,328 | 9,104 | 8,847 | 13,123 | 12,859 | 10,334 | 10,042 | 13,366 | 13,097 | 10,525 | 10,228 | 13,610 | 13,335 | 10,717 | 10,414 |
| FPD90 | 85 | 11,045 | 10,822 | 8,697 | 8,452 | 12,537 | 12,284 | 9,872 | 9,593 | 12,769 | 12,512 | 10,055 | 9,771 | 13,002 | 12,739 | 10,238 | 9,949 |
| FPD85 | 80 | 10,518 | 10,305 | 8,282 | 8,048 | 11,938 | 11,698 | 9,401 | 9,135 | 12,160 | 11,914 | 9,575 | 9,304 | 12,381 | 12,131 | 9,749 | 9,474 |

Mark Appropriate Box for Trim Option

Housing

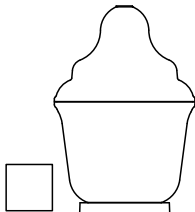


Modern (MS)

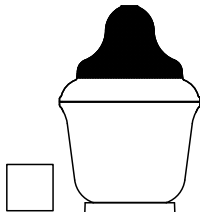


Leaf (LS)

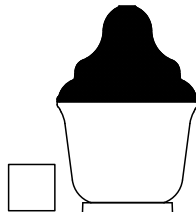
Cover



No Cover

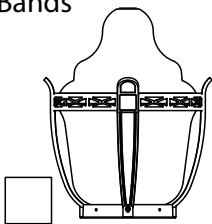


Mayfield Cover (MC)

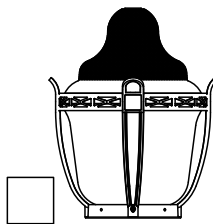


Full Cover (FC)

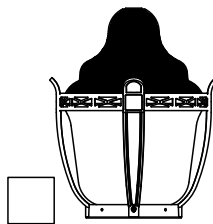
Ribs & Bands



Ribs and Band (RB)

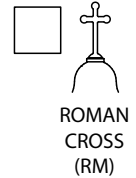
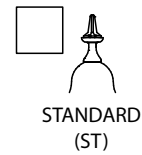
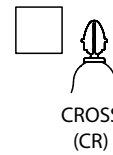
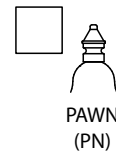
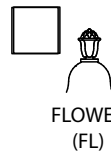
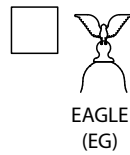
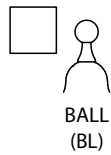
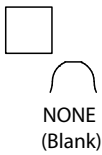


Ribs, Band and
Mayfield Cover
(RB & MC)



Ribs, Band and
Full Cover
(RB & FC)

Finial



GPD3

Granville Premier LED3



OPTIONAL COMPONENTS



AO
Manual field adjustable output dimming device



RSB0R6
Motion and photosensor (Black) communicates wirelessly to other nLight AIR devices



20KV
Safeguard your investment from extreme voltage spikes with our new Extreme 20kV/10kA SPD



NLTAIR2
Fixture embedded nLight AIR network interface provides individual fixture control and digital dimming capabilities



The Rapid Ship Pole and Luminaire program provides quick solutions for urgent needs.

The most popular and readily available are available for those urgent projects. Select from the following options to get up to 20 units shipped in 20 working days or less!

ORDERING INFORMATION

Example: GPD3 P40 30K MVOLT MS GL3 BK

| Series | LED Performance Package | LED Color temperature | Voltage | Housing Style |
|-----------------------------|--|--|--|------------------------------|
| GPD3 Granville Premier LED3 | P10 3,400 nominal lumens P20 5,400 nominal lumens P30 8,800 nominal lumens P40 11,700 nominal lumens P50 14,000 nominal lumens | 27K 2700K CCT 30K 3000K CCT 40K 4000K CCT 50K 5000K CCT | MVOLT Auto-Sensing 120-277V 56/60 HZ HVOLT Auto-Sensing 347-480V 56/60 HZ | MS Modern Style, Hinged Door |

| Optics | Housing Color | Trim | Finial | Trim Color |
|--|---|------------------------------------|--|---|
| GL3 Glass, Type III GL5 Glass, Type V | BK Black BZ Bronze GH Graphite GN Green GR Grey WH White | (Blank) No Trim RB Ribs & Bands | (Blank) No Finial CL Clear ST Standard RM Roman Cross | TBK Black TBZ Bronze TGH Graphite TGL Gold TGN Green TGR Grey TWH White |

| Options: Option Compatibility Matrix on page 3 of 4 | | | |
|---|---|--|---|
| CONTROLS OPTIONS AO Field Adjustable Output PR7 NEMA twistlock dimming photocontrol receptacle - 7 pin PR7E NEMA twistlock dimming photocontrol receptacle - 7 Pin (Under Glass) PCLL Long Life DTL Twistlock Photocontrol for Solid State, MVOLT SH Shorting Cap | DRIVER ELECTRICAL OPTIONS FPDxx Factory Programmed Driver 20KV Extreme surge protection 20kV/10kA, fail off with indicator light | PREWIRED LEAD OPTIONS L1H 1.5 ft prewired leads L03 3 ft prewired leads L10 10 ft prewired leads L20 20 ft prewired leads | COVER OPTIONS FC Full Cover MC Mayfield Cover NEMA LABEL OPTIONS NL1X1 1"X1" ANSI Wattage Label NL2x2 2"X2" ANSI Wattage Label |

| Accessories: Order as separate catalog number. | |
|--|------------------------------|
| HOUSE-SIDE SHIELD OPTIONS | |
| GVDHSS90 | House Side Shield solid 90° |
| GVDHSS12 | House Side Shield solid 120° |
| GVDHSS18 | House Side Shield solid 180° |