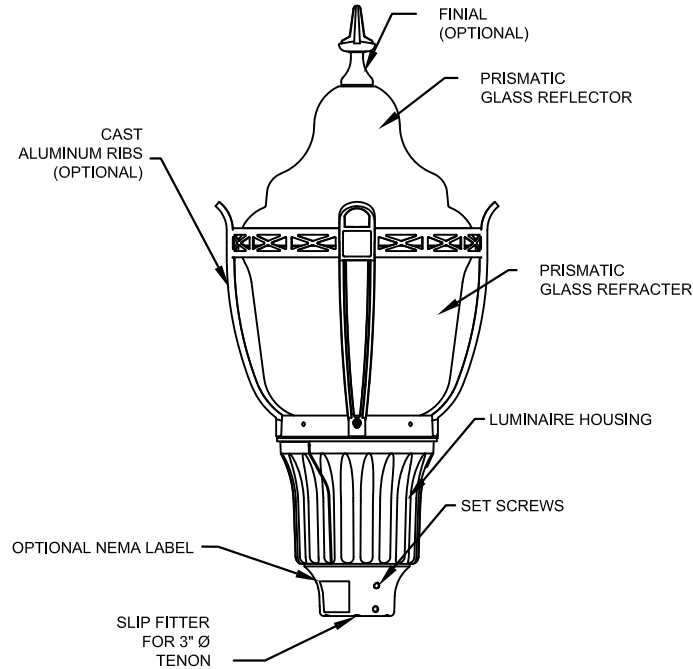


Maximum weight - 64 lbs
Maximum effective projected area - 1.38 sq. ft.



Granville® II LED
Prismatic Style: Glass Premier
Housing Size: Utility

**DECORATIVE
OUTDOOR**

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ORDERING INFORMATION:

GPD2

HOUSING
GVP2 = GRANVILLE
PREMIER UTILITY

LED PERFORMANCE PACKAGE
(SEE PRODUCT COMPATIBILITY
TABLE FOR OPTIONS)
P10 = AS=26W / AH=33W
P20 = AS=39W / AH=49W
P30 = AS=60W / AH=68W
P40 = AS=81W / AH=90W
P50 = AS=100W / AH=100W

COLOR TEMPERATURE
30K = 3000 K CCT
40K = 4000 K CCT
50K = 5000 K CCT

VOLTAGE
AS = AUTO-SENSING VOLTAGE
(120 THRU 277 V)
AH = AUTO-SENSING VOLTAGE
(347 THRU 480 V)

HOUSING
M = MODERN STYLE
SWING OPEN DESIGN
T = LEAF STYLE SWING
OPEN DESIGN

HOUSING COLORS
BK = BLACK
BZ = BRONZE
GH = GRAPHITE
GN = GREEN
GR = GREY
PP = PRIME PAINT
WH = WHITE
CMC = CUSTOM MATCH
COLOR
TDC = TIGER DRYLAC
COLOR (RALxxx)
XX = STD FINISH, TBD

OPTICS
(SEE PRODUCT
COMPATIBILITY TABLE
FOR OPTIONS)
3 = IES TYPE III
DISTRIBUTION
5 = IES TYPE V
DISTRIBUTION
6 = IES TYPE III
LUNAR OPTIC
8 = IES TYPE V
LUNAR OPTIC

FINIAL
B = BALL
C = CLEAR
E = EAGLE
F = FLOWER
N = NONE
P = PAWN
R = CROSS
S = STANDARD
T = ROM CROSS

TRIM/FINIAL COLORS
BK = BLACK
BZ = BRONZE
GL = GOLD
GH = GRAPHITE
GN = GREEN
GR = GREY
PP = PRIME PAINT
WH = WHITE
CMC = CUSTOM
MATCH COLOR
TDC = TIGER DRYLAC
COLOR (RALxxx)
XX = STD FINISH, TBD
U = NO TRIM & CLEAR
OR NO FINIAL

TRIM
R = RIBS & BAND
N = NO TRIM

OPTIONS

CONTROL OPTIONS

AO¹ = FIELD ADJUSTABLE OUTPUT
DE⁵ = ROAM 0 - 10V DIMMING CONTROL, INCLUDES NEMA TWISTLOCK
PHOTOCONTROL RECEPTACLE
FPDxx⁶ = FACTORY PROGRAMMED DRIVER (xx = % OF LUMENS OR WATTS)
H⁷ = NEMA TWISTLOCK PHOTOCONTROL (PC) RECEPTACLE - 3 PIN
P5⁸ = DIMMING PC RECEPTACLE - 5 PIN
P7⁹ = DIMMING PC RECEPTACLE - 7 PIN
PCLL¹⁰ = LONG LIFE DTL TWISTLOCK PHOTOCONTROL FOR SOLID STATE
PCS¹¹ = DTL TWISTLOCK PHOTOCONTROL FOR SOLID STATE
PND¹² = 0-10V PART-NIGHT DIMMING, INCLUDES BLC2 & NEMA TWISTLOCK
PHOTOCONTROL RECEPTACLE
PSC¹³ = SHORTING CAP

COVER OPTIONS

C¹⁴ = FULL COVER M¹⁵ = MAYFIELD 1/2 COVER

NEMA WATTAGE LABEL OPTIONS

NL1X1 = 1 X 1 NEMA LABEL NL2X2 = 2 X 2 NEMA LABEL

PREWIRE LEAD OPTIONS

L1H = 1.5 FEET OF PREWIRED LEADS L20 = 20 FEET OF PREWIRED LEADS
L03 = 3 FEET OF PREWIRED LEADS L25 = 25 FEET OF PREWIRED LEADS
L10 = 10 FEET OF PREWIRED LEADS L30 = 30 FEET OF PREWIRED LEADS

ACCESSORIES

DECORATIVE BAND OPTIONS

GVPBANDX¹⁶ = DECORATIVE BAND (INSERT TRIM FINISH
FOR X), FOR EXAMPLE: GVPBANDBK (BLACK)

HOUSE SIDE SHIELD OPTIONS

GVDHSS90¹⁷ = HOUSE SIDE SHIELD SOLID 90 DEGREE
GVDHSS12¹⁷ = HOUSE SIDE SHIELD SOLID 120 DEGREE
GVDHSS18¹⁷ = HOUSE SIDE SHIELD SOLID 180 DEGREE
GVDHSL90¹⁸ = HOUSE SIDE SHIELD SOLID 90 DEGREE (LUNAR)
GVDHSL12¹⁸ = HOUSE SIDE SHIELD SOLID 120 DEGREE (LUNAR)
GVDHSL18¹⁸ = HOUSE SIDE SHIELD SOLID 180 DEGREE (LUNAR)

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NOTES ARE LOCATED ON PAGE 3

ORDER #:

TYPE:

DRAWN: RAF

DATE: 5-15-2017

DWG #: LUM_GPD2

Performance Data

AS Voltage Option Data

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	3	26	3,429	132	1	4	3	3,605	139	1	4	3	3,605	139	1	4	3
	5	26	3,309	127	2	4	2	3,479	134	2	4	2	3,479	134	2	4	2
P20	3	39	5,164	132	2	5	3	5,430	139	2	5	3	5,430	139	2	5	3
	5	39	4,983	128	3	4	2	5,240	134	3	4	3	5,240	134	3	4	3
P30	3	60	7,271	121	2	5	4	7,645	127	3	5	4	7,645	127	3	5	4
	5	60	7,016	117	3	5	3	7,377	123	3	5	3	7,377	123	3	5	3
P40	3	81	9,140	113	3	5	4	9,611	119	3	5	5	9,611	119	3	5	5
	5	81	8,820	109	3	5	3	9,274	114	3	5	3	9,274	114	3	5	3
P50	3	100	10,695	107	3	5	5	11,245	112	3	5	5	11,245	112	3	5	5
	5	100	10,320	103	4	5	3	10,851	109	4	5	3	10,851	109	4	5	3

AH Voltage Option Data

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	3	33	3,429	104	1	4	3	3,605	109	1	4	3	3,605	109	1	4	3
	5	33	3,309	100	2	4	2	3,479	105	2	4	2	3,479	105	2	4	2
P20	3	49	5,164	105	2	5	3	5,430	111	2	5	3	5,430	111	2	5	3
	5	49	4,983	102	3	4	2	5,240	107	3	4	3	5,240	107	3	4	3
P30	3	68	7,271	107	2	5	4	7,645	112	3	5	4	7,645	112	3	5	4
	5	68	7,016	103	3	5	3	7,377	108	3	5	3	7,377	108	3	5	3
P40	3	90	9,140	102	3	5	4	9,611	107	3	5	5	9,611	107	3	5	5
	5	90	8,820	98	3	5	3	9,274	103	3	5	3	9,274	103	3	5	3
P50	3	100	10,695	107	3	5	5	11,245	112	3	5	5	11,245	112	3	5	5
	5	100	10,320	103	4	5	3	10,851	109	4	5	3	10,851	109	4	5	3

FPDxx Data Table (Only Available With AS Option)

FPDxx setting		P10 30K		P10 40K		P10 50K	
		Not Available		Not Available		Not Available	
FPDxx setting	AS Wattage	P20 30K		P20 40K		P20 50K	
		3	5	3	5	3	5
Standard	39	5,164	4,983	5,430	5,240	5,430	5,240
FPD95	38	4,937	4,764	5,191	5,009	5,191	5,009
FPD90	36	4,705	4,540	4,947	4,774	4,947	4,774
FPD85	34	4,471	4,314	4,701	4,537	4,701	4,537
FPD80	32	4,233	4,085	4,451	4,296	4,451	4,296
FPD75	30	3,993	3,853	4,198	4,051	4,198	4,051
FPDxx setting	AS Wattage	P30 30K		P30 40K		P30 50K	
		3	5	3	5	3	5
Standard	60	7,271	7,016	7,645	7,377	7,645	7,377
FPD95	57	7,087	6,838	7,451	7,190	7,451	7,190
FPD90	54	6,880	6,639	7,234	6,980	7,234	6,980
FPD85	51	6,651	6,418	6,993	6,748	6,993	6,748
FPD80	48	6,400	6,176	6,730	6,494	6,730	6,494
FPD75	45	6,129	5,914	6,444	6,218	6,444	6,218
FPDxx setting	AS Wattage	P40 30K		P40 40K		P40 50K	
		3	5	3	5	3	5
Standard	81	9,140	8,820	9,611	9,274	9,611	9,274
FPD95	76	8,832	8,523	9,287	8,961	9,287	8,961
FPD90	72	8,505	8,208	8,944	8,630	8,944	8,630
FPD85	68	8,161	7,876	8,582	8,281	8,582	8,281
FPD80	64	7,799	7,526	8,201	7,913	8,201	7,913
FPDxx setting	AS Wattage	P50 30K		P50 40K		P50 50K	
		3	5	3	5	3	5
Standard	100	10,695	10,320	11,245	10,851	11,245	10,851
FPD95	95	10,424	10,059	10,960	10,576	10,960	10,576
FPD90	90	10,120	9,765	10,640	10,268	10,640	10,268
FPD85	85	9,783	9,440	10,286	9,926	10,286	9,926

GranVille® II LED
Prismatic Style: Glass Premier
Housing Size: Utility

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ORDER #:

TYPE:

DRAWN: RAF

DATE: 5-15-2017

DWG #: LUM_GPD2

NOTES

1. Not available with "AO", "DE", "FPDXX", "PCLL", "PCS" or "PND".
2. Not available with cover options "C" or "M".
3. Only use if "N" for Trim and either "C" or "N" for Finial is selected.
4. Not available with "AH", "DE", "P5", "P7", "PCS" or "PND". Refer to instructions on website for details.
5. Not available with "AO", "AH", "H", "PCLL", "PCS", "PSC" or "PND".
6. Refer to the FPDxx Data Table for lumens and wattages options.
7. Photocontrol not included. Not available with option "DE", "PND", "P5" or "P7".
8. Photocontrol not included. Not available with options "DE", "H", "PND" and "P7".
9. Photocontrol not included. Not available with options "DE", "H", "PND" and "P5".
10. Requires "H", "P5", "P7" or "PND". Not available with "AO", "PCS" or "PSC" options.
11. Available with "AS" voltage only. Requires "H", "P5", "P7" or "PND". Not available with "AO", "PCLL" or "PSC" options.
12. Available with "AS" voltage only. Not available with options "AO", "DE", "H", "P5" and "P7".
13. Requires "H", "P5" or "P7" option photocontrol receptacle or "PND" (includes photocontrol receptacle). Not available with "PCLL" or "PCS".
14. Not available with "N" finial option or "M" option.
15. Not available with "N" finial option or "F" option.
16. Field installed. For use with units without factory installed ribs and band. X = Trim/Finial Color.
17. Field installed, for use with Optic "3" or "5" only.
18. Field installed, for use with Optic "6" or "8" only.

GranVille® II LED
Prismatic Style: Glass Premier
Housing Size: Utility

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Product Compatibility Table

LUMINAIRE, HOUSING & LED PACKAGE CONFIGURATIONS			
LUMINAIRE	HOUSING		LED PACKAGE
GPD2	M	Modern style - Swing open design	P10, P20, P30,
	T	Leaf Style - Swing open design	P40, P50

WATTAGE TABLE		
LED PACKAGE	AS	AH
P10	26W	33W
P20	39W	49W
P30	60W	68W
P40	81W	90W
P50	100W	100W

OPTICS/HOUSING/LED CONFIGURATION		
OPTICS	HOUSING	LED PACKAGE
3	A, C, F, L, S, M, T	P10, P20, P30,
5		P40, P50
6	A, C, F, L, S, M, T	P10, P20, P30, P40
8		

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Lumen Ambient Temperature (LAT) Multipliers

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

Average Lumen Ambient Temperature (LAT) Multipliers			
°C	°F	Lumen Multiplier	LED Packages
0	32	1.06	P10, P20, P30, P40, P50
5	41	1.05	
10	50	1.04	
15	59	1.03	
20	68	1.01	
25	77	1.00	
30	86	0.99	
35	95	0.97	
40	104	0.96	

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 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	0.93	0.93	0.92	0.91	0.9	0.89

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

$$E = (LM) \times (CU) \times (LAT) \times (LLD)$$

LM and CU are obtained from published photometry.

ORDER #:

TYPE:

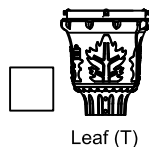
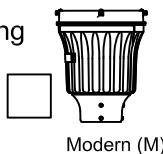
DRAWN: RAF

DATE: 5-15-2017

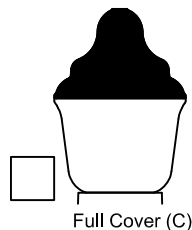
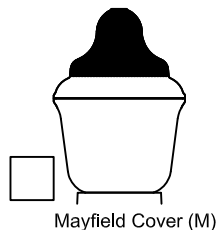
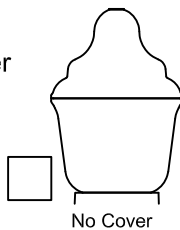
DWG #: LUM_GPD2

Mark Appropriate Box for Trim Option

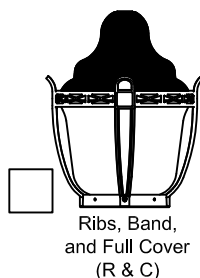
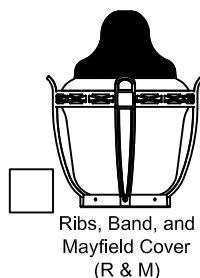
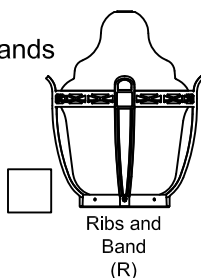
Housing



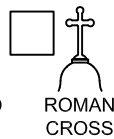
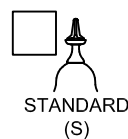
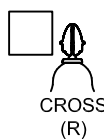
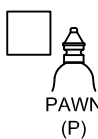
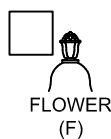
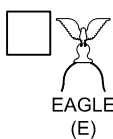
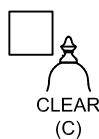
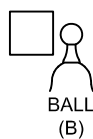
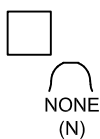
Cover



Ribs & Bands



Finial



GranVille® II LED
Prismatic Style: Glass Premier
Housing Size: Utility

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Specifications

GENERAL DESCRIPTION

The GranVille II LED Utility 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 system consists of a precisely molded thermal resistant borosilicate glass refractor and top reflector mounted within the decorative aluminum housing. The glass top reflector redirects over 50% of the upward light into the controlling refractor while allowing a soft uplight component to define the traditional acorn shape of the luminaire. Two decorative aluminum covers are available. The lower refractor uses precisely molded prisms to maximize pole spacings while maintaining uniform illuminance. Two refractors are available, designed for I.E.S. type III and V distributions. Lunar optics shielding is available for asymmetric and symmetric distribution.

LUMINAIRE HOUSING

The luminaire housing, cast of aluminum, provides an enclosure for the plug-in electrical module. Four uniquely designed stainless steel spring clips enclosed in a clear polyvinyl chloride sleeve and adjusted by hex head 1/4-20 bolts securely cradle the prismatic glass refractor. The same 1/4-20 bolts support the decorative rib and banding assembly. The slipfitter will accept a 3" by 2-7/8" to 3-1/8" O.D. tenon.

LUMINAIRE HOUSING / DOOR

Cast of aluminum, the housing opens with minimum use of tools and is retained on a hinge. For units with an E.E.I.-N.E.M.A. twist lock photocell receptacle, the housing contains a "window" to allow light to reach the cell.

ELECTRICAL MODULE

The electrical components are mounted on a aluminum 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.

DRIVER

AS drivers are programmable dimmable drivers, with 0-10V control leads and AH drivers are dimmable (0-10V) drivers.

FINISH

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

WARRANTY

Limited warranty located at <http://www.acuitybrands.com/resources/terms-and-conditions>.

NOTE

Luminaire is CSA listed for Wet Locations.

Luminaire housing is IP55 rated. Optical chamber is IP66 rated.

Specification subject to change without notice.

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ORDER #:

TYPE:

DRAWN: RAF

DATE: 5-15-2017

DWG #: LUM_GPD2