



CORRIDOR IMPROVEMENT AUTHORITY AGENDA

CITY OF NOVI

October 30, 2024 | 5:30 PM

Novi Special Conference Room – 2nd Floor

Novi Civic Center | 45175 Ten Mile Road

(248) 347-0460

CALL TO ORDER

ROLL CALL - Mayor Justin Fischer, Councilmember David Staudt, Blair Bowman, John O'Brien, Jeffrey Wainwright, Katie Chuba, Matthew Thibaudeau

APPROVAL OF AGENDA

PURPOSE OF THE MEETING

[Review](#) and Approval of Corridor Improvement Authority Budget

[Main](#) Street Lighting

PUBLIC COMMENT

ADJOURNMENT

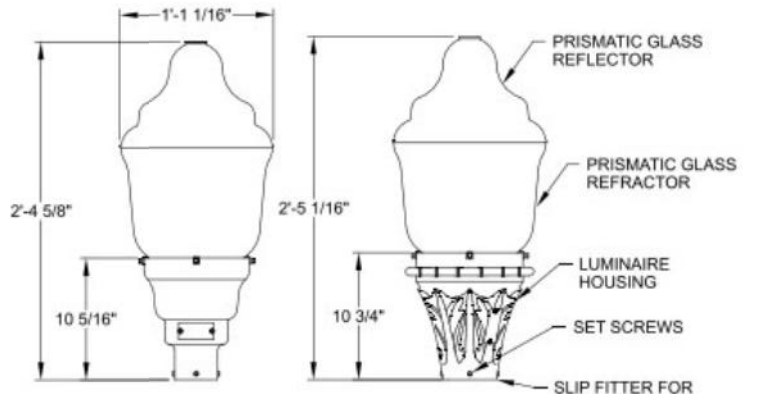
NOTICE: People with disabilities needing accommodations for effective participation in this meeting should contact the City Clerk (248) 347-0456 at least two working days in advance of the meeting. An attempt will be made to make reasonable accommodations.

City of Novi
Interfund Borrowing CIA and SAD Funds
June 30, 2024

	Principle Balance	Payments	Annual Interest Total	Annual Total	Tax Capture 150,763	Initial capture
Jun-20	2,766,292		57,096	57,096	294,088	
Jun-21	3,663,122	251,202	84,620	335,822	333,592	
Jun-22	3,432,905	292,075	103,375	395,450	526,808	
Jun-23	2,999,076	490,324	91,836	582,160	716,753	
Jun-24	2,356,157	668,213	74,184	742,397	789,142	
Jun-25	1,637,700	718,457	70,685	789,142	870,000	Estimated
Jun-26	816,831	820,869	49,131	870,000	890,000	Estimated
Jun-27		820,869	24,505	845,374	890,000	Estimated
				4,617,441	-	5,461,146

GVD3
Granville Classic Standard LED3

Catalog Number	
Notes	Type



Maximum weight - 47 lbs
Maximum effective projected area - 1.38 sq. ft.



SPECIFICATIONS

General Description

The Granville Classic Standard LED3 is designed for use with traditional applications fitting 3" post top tenons. The traditional acorn-shaped luminaire, while reminiscent of the 1920s, contains a powerful, slant mounted Chip-On-Board LED platform with a precision optical system that maintains post spacing while maintaining uniform illumination.

Mechanical Specifications

The luminaire housing shall:

- Be heavy grade 6061 cast aluminum (aluminum with <1% copper)
- IP55 rated housing, provides enclosure for the electrical module
- 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 polynyl chloride sleeve and adjusted by 1/4-20 hex head bolts that securely cradle the prismatic acrylic reflector. 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 crevice rating of 8 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM G117) on standard and RAL finish options.
- RAL (RALxxxxxx) 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 hours available in 7000K, 5000K, 4000K, and 5000K CCT
- The electrical system shall be designed to meet ANSI/IEEE C62.41.2 and shall offer a 10kV/35A surge protection, full UL, as standard with an upgradable 20kV/100A surge protection, full off with indicator light, option
- Lumen output can be customized prior to manufacturing by way of FP0xx Options
- The electrical components are mounted on an aluminum plate that is removable with minimum use of tools.

Optical Specifications

The optical system is IP65 rated and consists of a precisely molded thermal resistant borosilicate glass reflector and top reflector mounted within the decorative glass optic. The top reflector reflects 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 molded prisms to maximize the pole spacing while maintaining uniform illumination. Two reflectors are available, designed for E5 type III and IV distributions. Linear Optics shielding is available for asymmetric and symmetric distributions.

Control Options

The control options shall include, but not limited to, the following:

- Three (3) choices of button-style photocell kits specified to match voltage requirements: 120V, 208-277V, or 347V, and colored to match housing finish (480V kit not available).
- LMV compliant
- Suitable for operation in an ambient temperature up to 40°C / 105°F per UL or CSA certification
- 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 (a) government procurement requirements under FARs, DFARS and DOT. Please refer to www.acuitybrands.com/procure for additional information.

Warranty - 5 Years 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.

GENERATION LIGHTING

8592-12: One Light Outdoor Wall Lantern



Collection: New Castle

Simple Details Create Stylish Outdoor Wall Lantern. Black Finish and Clear Glass.

Simple details create a stylish outdoor lantern. Black finish and clear glass.

Supplied with 6.5-inches of wire

For an eco-friendly lighting design, convert to LED bulbs to offer savings and reduce energy

Designed for damp and wet environments allowing for direct water contact

1-year manufacturer warranty

The sensibly styled proportions and accents of New Castle make it a versatile selection for your home. Clear bulbs are recommended to use for the best aesthetics.

UPC #: 785652859236

Finish: Black (12)

Shade / Glass / Diffuser Details:

Part	Material	Finish	Quantity	Item Number	Length	Width	Height	Diameter	Fitter Diameter	Shade Top Length	Shade Top Width	Shade Top Diameter
Panel	Glass	Clear	4	G500052-32		3 3/8	4 5/16					

Backplate / Canopy Details:

Type	Height / Length	Width	Depth	Diameter	Outlet Box Up	Outlet Box Down
Back Plate			2 1/16	4 1/2	2 3/4	5 1/2

Shipping Information:

Package Type	Product #	Quantity	UPC	Length	Width	Height	Cube	Weight	Frt. Class	UPS Ship
Individual	8592-12	1	785652859236	6.75	5.75	9	0.202	1.75	100	Yes
Master Pack		6	10785652859233	18	14.5	9.75	1.473	11.7	100	Yes
TLV Pallet		378		48	40	74.5	62.778	942.6		No

Generation Lighting reserves the right to revise the design of components of any product due to parts availability or changes in safety. Selling elements without assuming any obligation or liability to modify any products previously manufactured and without notice. This trademark depicts a product design that is the sole and exclusive property of Generation Lighting. In compliance with U.S. copyright and patent requirements, notification is hereby provided to this form that the design, or the product it depicts, is not to be copied, altered or used in any manner without the express written consent of, or contrary to the best interests of Generation Lighting, a Visual Comfort & Co. brand.

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Mounting Height
	A	6	Holophane	GVD3 P50 40K XXXX GLSLU RB FC	Granville Gen3, P50 Performance Package, 4000K CCT, 70CRI, Type 5 lunar optic distribution with Ribs and Bands and Full Cover	LED	1	9716	0.5	99	14'-0"
	B	570	Generation Brands	8592-12	One light outdoor wall lantern	LED	1	1179	0.9	75	6'-6"
	EX1	20	EXISTING	EXISTING	TEARDROP STYLE AREA LIGHT	CONFIRMED BY OTHERS	1	9480	0.5	75	UNKNOWN
	EX2	26	EXISTING	EXISTING	TEARDROP STYLE AREA LIGHT	CONFIRMED BY OTHERS	1	9480	0.5	150	UNKNOWN

Statistics							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
MAIN STREET	+	1.6 fc	3.4 fc	0.2 fc	17.0:1	8.0:1	0.5:1
PHASE 1	+	0.4 fc	5.4 fc	0.0 fc	N/A	N/A	0.1:1
PHASE 2	+	0.5 fc	4.9 fc	0.0 fc	N/A	N/A	0.1:1
PHASE 3	+	0.6 fc	5.3 fc	0.0 fc	N/A	N/A	0.1:1

General Note

- SEE SCHEDULE FOR LUMINAIRE MOUNTING HEIGHT.
- SEE LUMINAIRE SCHEDULE FOR LIGHT LOSS FACTOR.
- CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: 0' - 0"
- HOURS OF OPERATION: 24 HOURS PER DAY & 7 DAYS A WEEK.
- ELECTRICAL SERVICE TO LIGHT FIXTURES SHALL BE PLACED UNDERGROUND.
- FLASHING LIGHT SHALL NOT BE PERMITTED.
- ONLY NECESSARY LIGHTING FOR SECURITY PURPOSES & LIMITED OPERATIONS SHALL BE PERMITTED AFTER A SITE'S HOURS OF OPERATION.

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

UNLESS EXEMPT, PROJECT MUST COMPLY WITH LIGHTING CONTROLS REQUIRMENTS DEFINED IN ASHRAE 90.1 2013. FOR SPECIFIC INFORMATION CONTACT GBA CONTROLS GROUP AT ASG@GASSERBUSH.COM OR 734-266-6705.

Alternates Note

THE USE OF FIXTURE ALTERNATES MUST BE RESUBMITTED TO THE CITY FOR APPROVAL.

Ordering Note

FOR INQUIRIES CONTACT GASSER BUSH AT QUOTES@GASSERBUSH.COM OR 734-266-6705.

Mounting Height Note

MOUNTING HEIGHT IS MEASURED FROM GRADE TO FACE OF FIXTURE. POLE HEIGHT SHOULD BE CALCULATED AS THE MOUNTING HEIGHT LESS BASE HEIGHT.

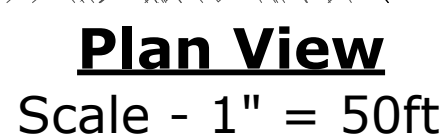
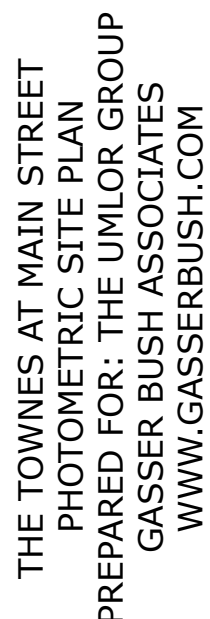
Drawing Note

THIS DRAWING WAS GENERATED FROM AN ELECTRONIC IMAGE FOR ESTIMATION PURPOSE ONLY. LAYOUT TO BE VERIFIED IN FIELD BY OTHERS.



Plan View

Scale - 1" = 80ft



Schedule										
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