



STREET & AREA LIGHTING

April 1, 2024 – Vergas MN

Dianne & Eve

East Scharf

STREET & AREA LIGHTING



Fergus Falls, Minnesota

Minnesota Public Utilities Commission
Section 11.07
ELECTRIC RATE SCHEDULE
LED Street and Area Lighting
Dusk to Dawn
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Sixth Revision

LED STREET and AREA LIGHTING DUSK TO DAWN

DESCRIPTION	RATE CODE
LED Type 1 Outdoor Lighting	M730
LED Type 2 Primary Outdoor Lighting	M731
Decorative Lighting	M730a

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this service.

APPLICATION OF SCHEDULE: This schedule is applicable to any Customer for automatically operated dusk to dawn outdoor lighting supplied and operated by the Company. All customers take service on LED Type 1 except for those defined as LED Type 2.

RATE:

LED TYPE 1	Approximate Lumens	Approximate Wattage	Monthly Charge	LED TYPE 2	Monthly Charge
LED5	5175	47	\$8.21	PLED5	\$7.34
LED8	9003	76	\$15.48	PLED8	\$14.07
LED3PT	2759	26	\$10.08	PLED3PT	\$9.60
LED5PT	5404	47	\$12.87	PLED5PT	\$12.00
LED10	12388	95	\$16.53	PLED10	\$14.76
LED13	16691	133	\$20.60	PLED13	\$18.13
LED20 - Flood	23067	199	\$20.16	PLED20 - Flood	\$16.46
LED30 - Flood	32003	261	\$38.39	PLED30 - Flood	\$33.54

Appropriate standard wood pole is included in the Monthly Charge.

ALUMINUM ALLOY POLES	Additional Monthly Charge
STANDARDS 30'	\$11.67
STANDARDS 40'	\$10.87



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LED FLOOD VISOR	Additional Monthly Charge
Lighting Visor LED 20-Flood	\$0.76
Lighting Visor LED 30-Flood	\$1.38

DECORATIVE LIGHTS	Approximate Lumens	Approximate Wattage	Monthly Charge
DLEDA7 (Arlington)	5837	66	\$87.77
DLEDG7 (Granville)	7440	68	\$86.11
DLEDE17 (Esplanade)	20000	170	\$110.56

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply and by any Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rate schedule. See Sections 12.00, 13.00 and 14.00 of the Minnesota electric rates for the matrices of riders.

TYPE 2 (PRIMARY METERING) MONTHLY CHARGE: This rate is applicable under the following conditions: 1) the customer is metered at primary voltage, and 2) taking service under this rate, and 3) the lights on this rate are metered at primary voltage.

SEASONAL CUSTOMERS: Seasonal Customers will be billed at the same rate as year-around Customers, except as follows:

A fixed charge of \$32.79 will be billed each Seasonal Customer once per season per fixture in addition to the rate provided above. The fixed charge will be included in the first bill rendered for each season.

Each Seasonal Customer will be billed for the number of months each season that the outdoor lighting fixture is in use, but not less than a minimum of four months, plus the seasonal fixed charge.

Seasonal rate is not offered for the Decorative LED.

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SERVICES INCLUDED

UNDERGROUND SERVICE SUPPLIED BY THE COMPANY: If the Customer requests underground service to a new outdoor lighting unit for which overhead service is otherwise available, the Company will supply up to 200 feet of wire and add an additional \$2.52 to the monthly rate specified above. This applies to the following lights: LED5, LED8, LED10, LED20-Flood, and LED30-Flood.

If overhead service is not available, there is no additional charge for new underground service, up to 200 feet. This applies to the following lights: LED5PT, LED3PT, DLEDA7, DLEDG7, DLEDE17, or fixtures mounted on Aluminum Alloy Standards.

For any new installation requiring an underground conductor extended over 200 feet per fixture, the customer will be charged a monthly rate of \$0.11 per foot. If there are multiple fixtures installed, any additionally installed length of conductor shall be combined in one monthly charge.

EQUIPMENT AND OVERHEAD SERVICE SUPPLIED BY THE COMPANY: The light shall be mounted on a suitable new or existing Company-owned pole. Any extension beyond an average installation length of 150 feet of wire will be at the expense of the Customer.

The Company will install, own and operate, and have discretion to replace or upgrade an LED light including suitable reflector or a flood light including a lamp, or a bracket for mounting on wood poles with overhead wiring and photo-electric or other device to control operating hours. Customers provided with pole top fixtures on fiberglass poles and fixtures mounted on Aluminum Alloy Standards will not receive overhead power supply. The light shall operate from dusk to dawn. The Company will supply the necessary electricity and maintenance for the unit.

SERVICE CONDITIONS: Lighting will not be mounted on Customer-owned property. The light shall be mounted upon a suitable new or existing Company-owned facility. The Company shall own, operate, and maintain the lighting unit including the pole, fixture, lamp, photoelectric control, mounting brackets, fixture arrester, LED driver and all necessary wiring using the Company's standard street lighting equipment as described herein. The Company shall furnish all electric Energy required for operation of the unit.

In cases of vandalism or damages, the Company has the discretion to discontinue service and remove Company equipment.

DECORATIVE LIGHTING OPTIONS

Maintain a safer environment for your community with professionally-designed lighting



Our decorative LED lighting program offers several benefits to city leaders, administrators, and business managers including:

- A fixed-fee format that simplifies annual budgeting.
- Little to no capital investment.
- Reduced or eliminated need for maintenance staff and equipment.
- An attractive and turn-key lighting system designed by a lighting-design professional.

DECORATIVE LIGHT OPTIONS



Holophane Arlington LED

Available with:

- 14-foot pole.
- 6,500 lumen lantern-style fixture.
- 4,000K color temperature.
- Black finish.



Holophane Granville II LED

Available with:

- 14-foot pole.
- 7,000 lumen acorn-style fixture.
- 4,000K color temperature.
- Black finish.



Holophane Esplanade LED Pendant

Available with:

- 30-foot pole.
- 19,700 lumen tear drop-style fixture.
- 4,000K color temperature.
- Black finish.

Pole options

Lighting is provided with the following pole options.

- A 14-foot pole option is available for pole-top mounted fixtures.
- A 30-foot pole option is available for pendant fixtures and includes a decorative arm.
- Each pole has a “twist-lock” 120 volt receptacle for adding plug-in style decorations.
- Poles are tapered, fluted aluminum tubes.
- Poles include decoration hooks and banner arms.
- Black powder-coated finish.

Decorative LED lighting monthly rate

As of September 30, 2021, the following rates apply per fixture.

Decorative lights	Tariff sheet	DLEDA7 Arlington	DLEDG7 Granville	DLEDE17 Esplanade
Minnesota	11.07	\$87.77	\$86.11	\$110.56
North Dakota	11.07	\$87.77	\$86.11	\$110.56
South Dakota	11.07	\$87.77	\$86.11	\$111.27

DIANNE AVENUE AND EVA STREET – THREE 30' ESPLANADES



3 x \$110.56 =
\$331.68 per month

EAST SCHARF AVE – THIRTEEN 30' ESPLANADES



EAST SCHARF AVE – THIRTEEN 30' ESPLANADES



13 x \$110.56 =
\$1437.28 per month

SUMMARY

LOCATION	QTY	EACH	EXT. PRICE
DIANNE AND EVE	3	\$ 110.56	\$ 331.68
E SCHARF AVE	13	\$ 110.56	\$ 1,437.28
		Total per month	\$ 1,768.96