

Royalston Historic District Commission

P.O. Box 125

Royalston, Massachusetts, 01368

Web site: <http://www.royalston-ma.gov>

E-mail: [hdc @ royalston-ma.gov](mailto:hdc@royalston-ma.gov)

Application for Certificate

Instructions:

- Use separate applications for changes that are not related to each other.
- Include sketches or pictures showing design, sizes, colors, materials, etc. (a sketch is worth a thousand words).
- File five copies of the completed application at an HDC meeting; or mail, e-mail or give them to a commission member for filing at the next meeting.
- It is recommended that applicants attend the meeting or send an agent. Even well-prepared applications generate questions and answering them quickly will avoid delays.
- Until the work is started, certificates expire if one year elapses or in case of sale. Once the work is started it must be completed diligently.
- If you have any questions, please contact the Commission.

Date: February 17, 2020_____

Address of Property: Town Hall, 13 On the Common_____

Owner's Name: Town of Royalston_____

Applicant's Name: Christine Long, Royalston Select Board_____

Applicant's mailing address: Street/P.O. Box: PO Bos 125 _____

City, State, Zip: Royalston, MA 01368_____

Please check the certificate applied for:

→Appropriateness

☐ Non-Applicability

☐ Hardship

Short description of the proposed changes. (Provide the details on page 2 and on additional sheets and exhibits as necessary).

This application proposes a plan to replace the current spotlight on a utility pole near Town Hall with a post-mounted light very similar to a fixture used circa 1930 and matching wall-mounted fixtures on the side of Town Hall. Eliminating Pole 8-1 would restore historical integrity to this part of the Common.

Christine Long

Applicant's Signature

For Office Use Only

Date Filed_____ Received by _____ Application Number_____

Date Accepted for consideration_____ Public Hearing ☐ Notices mailing date(s) _____

Continuation date_____ Applicant's signature_____ Date_____

Decision_____ Chairperson's signature _____ Date_____

Comments or conditions:

Detailed Description

The rear Town Hall parking lot is currently lit by two fixtures on the front of the new elevator addition. The side lot is lit by a floodlight on Pole 8-1. Electricity to Town Hall is now provided through underground lines from the street-side Pole 8. This plan proposes eliminating Pole 8-1 altogether, restoring historical integrity to this part of the Common.

The overall plan includes providing underground lines to the First Congregational Church, still served by Pole 8-1, and underground phone lines to both Town Hall and the Church. That part of the plan is not the province of the Historic District Commission, but the exterior lighting that would replace the floodlight is in your purview.

The goal of the design for this lighting is to reproduce the style of lights installed near Town Hall after the electrification of the town in 1927. At the time, there were three pole-mounted lights along the north driveway leading to the parking area. Only the west-most of those appears in the photos on page 3.

A new post-mounted light would be installed near the northeast corner of the building. Two identical lights, but mounted on the building, would be installed on the north side of Town Hall.

To keep all three fixtures aligned on the east-west axis, the corner post would be installed further south than shown in the photos. Again because the goal is to reproduce the effect of the historical lighting, including the height of the ground-mounted fixture, the corner post will be about eight to ten feet tall. (The exact height will be easier to determine when the snow is gone.) The lights on the side of the building will be mounted on a line with the corner post, to the right of the office and dining hall windows. (See plan, page 4.)

The actual fixture to be used is NLS Lighting's Classic Mini with frosted side lenses (see page 5), which appears to be very similar to that used in the c. 1930 photograph. The supports of the lights on the side would be identical to those holding the fixtures installed in the rear in 2019 (also shown on page 5).

Royalston Fire Chief Keith Newton has judged the lighting on the back of Town Hall adequate to light the rear parking lot and the proposed side lighting to be adequate there. All three of the new fixtures will be photo-electric and motion-activated, with an interior manual switch. (The lights at the rear are supposed to be similarly controlled, but this is a detail yet to be fixed by the contractor.)

Ideally, we would replace the lighting fixtures on the rear of the elevator addition with the same fixtures proposed for the side. If funds allow, we will do so at this time.

Detailed Description

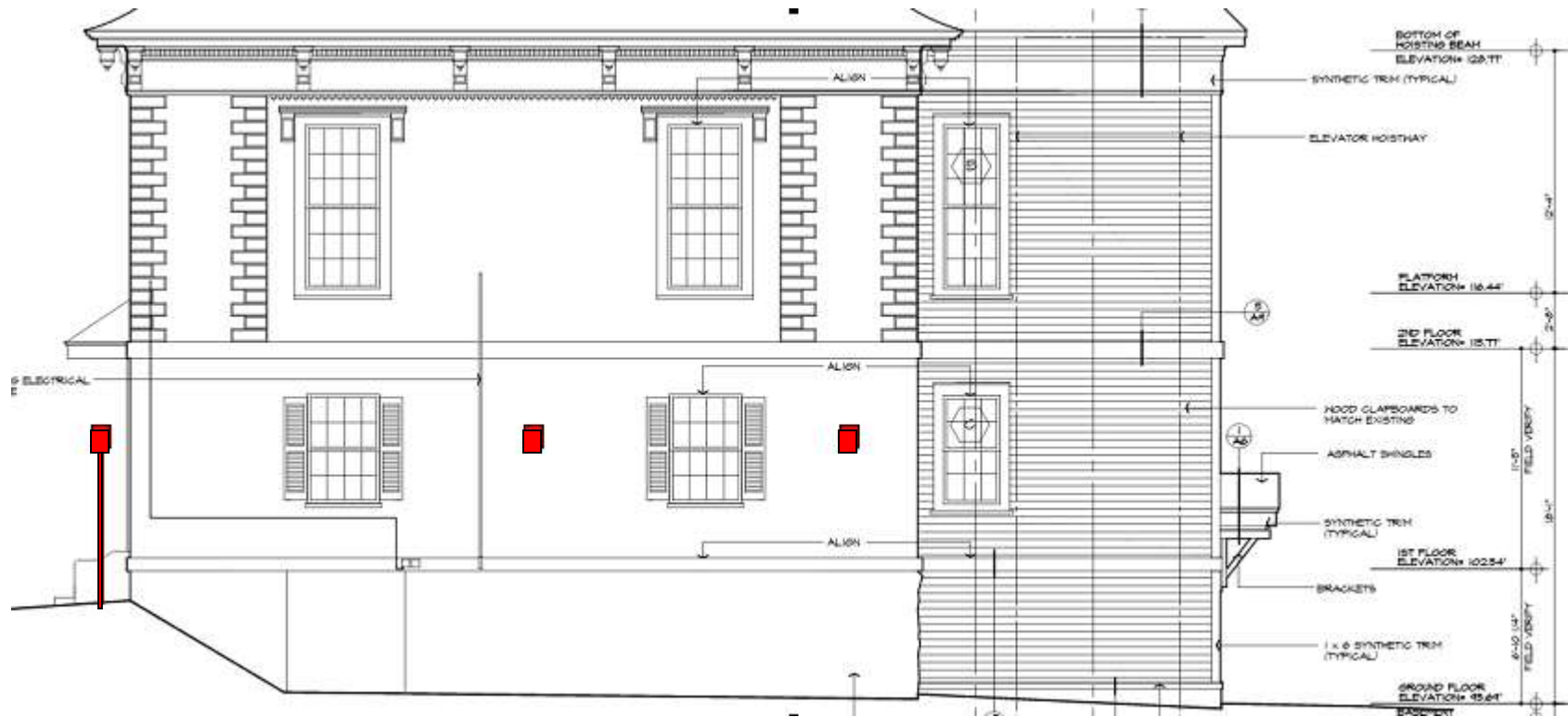


Circa 1930 photograph



Circa 1930 photograph

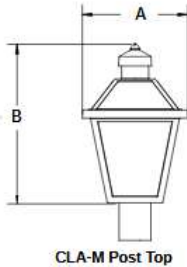
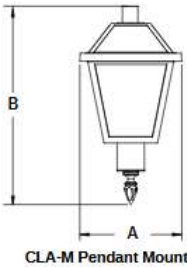
Detailed Description



Approximate locations of pole-mounted and building-mounted fixtures

Detailed description

DIMENSION	CLA-M	CLA-M-PM
A	11.22 in. SQ	11.22 in. SQ
B	16.86 in.	24.10 in.



*Standard Top Clear Lens

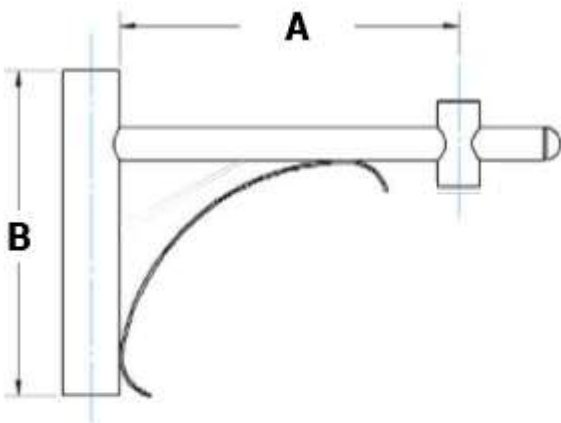
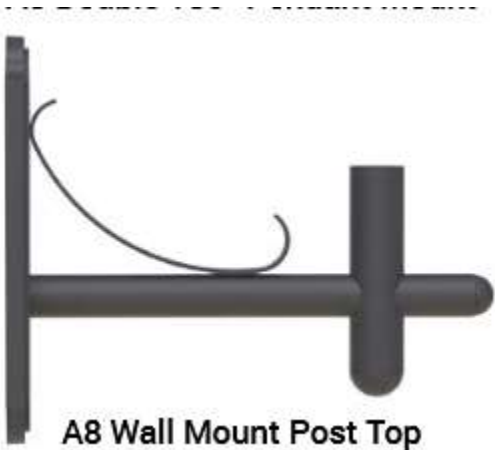


Frosted Side Lens (FSL)



Opal Side Lens (OSL)

The proposed fixture is the Post Top style with frosted side lens.

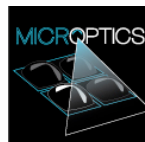


MODEL	A	B	EPA SGL	EPA DBL	EPA WM
A8-S	20 in.	18 in.	1.0	1.5	.6
A8-L	26 in.	23 in.	1.3	2.0	.65

The Classic LED Post Top Lantern blends traditional design with modern LED and optical technology. The Classic is able to provide illumination at (70) seventy percent energy savings compared to previous technology. The Classic LED is also virtually maintenance free with the LEDs lasting up to 483,000 hours and beyond.

The Classic is Dark Sky Friendly and features a full cutoff optical reflector system. Micro Optics—recessed within the fixture's surface and can distribute light up to five times the mounting height, creating powerful uniformity. The Classic LED provides uniform illumination with up to four to five mounting heights. The optical system is completely concealed inside the fixture top eliminating glare. The Classic is available in 3000, 4000 and 5000 Kelvin and is available from 18-71 watts. The Classic LED Series is the perfect luminaire for traditional American neighborhoods.

The standard Classic LED comes with flat glass lens in the top of the fixture with open sides. Opal, Frosted, and Clear side lenses can be ordered as options.



MICRO OPTIC SYSTEM

Our new cell-enclosed, Micro Optic silicone modules produce high clarity and outstanding performance.

LED WATTAGE CHART

	16L
350 milliamps	18w
530 milliamps	28w
700 milliamps	36w
1050 milliamps	56w

Project Name:	Type:
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Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Color	Mounting	Options
Classic Mini (CLA-M)	Type 2 (T2)	16 (16L)	350 (35)	3000K (30K)	120-277 (UNV)	Bronze (BRZ)	Post Top Over 2-3/8 OD (T2R)	Marine Grade Finish (MGF)
	Type 3 (T3)		530 (53)	4000K (40K)		White (WHT)	Post Top Over 3 OD (T3R)	Photocell (PC)
	Type 4 (T4)		700 (7)	5000K (50K)		Silver (SVR)	Arm Mount (AM)	*Universal Voltage 120-277 Photocell + Receptacle (PCR)
	Type 5 (T5)		1050 (1)			Hunter Green (HGN)	*For use with Decorative Arms	Receptacle + Shortening Cap (PER)
						Black (BLK)	Pendant Mount (Comes with 1/2" Coupling)	NEMA 7 Pin Receptacle + Shortening Cap (7PIN)
						Graphite (GPH)	1' (PM1) 2' (PM2) 3' (PM3) 4' (PM4) 5' (PM5)	Surge Protector (10K)
						Grey (GRY)		House Side Shield (HSS)
						Custom (CS)		Opal Side Lens (OSL)
								Clear Side Lens (CSL)
								Frosted Side Lens (FSL)
								Terminal Block (TB)
								Toolless Entry (TE)

PRODUCT SPECIFICATIONS


Housing: Cast Aluminum

LED: Luxeon M Series by Lumileds

Optics: Micro Optics; Type 2, 3, 4 and 5

Watts: 18-56

L70 Depreciation: 483,000 Hours (@77°F/ 25°C)

Electrical: UL 1598 Listed 

Driver: 0-10V Dimmable driver by Philips Advance

Kelvin: 3000, 4000, or 5000

Finish: 5 mils Powder Coat

Hardware: Stainless Steel

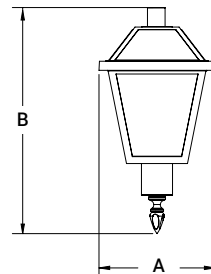
Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

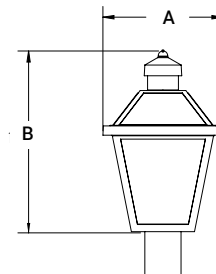
CLASSIC - LUMEN DATA CHART

PART NUMBER	T2 LUMENS	L/W	T3 LUMENS	L/W	T3 HSS LUMENS	L/W	T4 LUMENS	L/W	T4 HSS LUMENS	L/W	T5 LUMENS	L/W	Watts
CLA-M-16L-35-30K	2142	119	2088	116	1044	58	2070	115	1026	57	2160	120	18
CLA-M-16L-35-40K	2305	128	2247	125	1116	62	2227	124	1098	61	2322	129	18
CLA-M-16L-35-50K	2356	131	2297	128	1188	66	2277	127	1170	65	2376	132	18
CLA-M-16L-53-30K	3275	117	3192	114	1624	58	3165	113	1596	57	3304	118	28
CLA-M-16L-53-40K	3524	126	3435	123	1736	62	3406	122	1708	61	3556	127	28
CLA-M-16L-53-50K	3603	129	3511	125	1848	66	3482	124	1820	65	3640	130	28
CLA-M-16L-7-30K	4100	114	4115	111	2088	58	4003	111	2052	57	4176	116	36
CLA-M-16L-7-40K	4411	123	4300	119	2232	62	4308	120	2196	61	4500	125	36
CLA-M-16L-7-50K	4510	125	4396	122	2376	66	4404	122	2340	65	4608	128	36
CLA-M-16L-1-30K	5858	105	5712	102	3248	58	5661	101	3192	57	5880	105	56
CLA-M-16L-1-40K	6303	113	6146	110	3472	62	6091	109	3416	61	6328	113	56
CLA-M-16L-1-50K	6443	115	6283	112	3696	66	6227	111	3640	65	6496	116	56

DIMENSION	CLA-M	CLA-M-PM
A	11.22 in. SQ	11.22 in. SQ
B	16.86 in.	24.10 in.



CLA-M Pendant Mount



CLA-M Post Top



*Standard Top Clear Lens



Frosted Side Lens (FSL)



Opal Side Lens (OSL)



DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org>



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