

ZBA SPECIAL EXCEPTION APPLICATION
PROPOSED BEN'S SUGAR SHACK
Ben's Maple Sugar Products, LLC
83 Webster Highway
Temple, NH

Sept. 30, 2020

Review for Compliance with Section 30: (2013) LIGHTING/DARK SKY PROTECTION

Section III. OUTDOOR LIGHTING DESIGN

- A. The light fixture selected for the two outside pole lights will be Lithonia KAX LED Size 1 light fixtures mounted on 30 foot poles. Each fixture can produce up to 20,000 lumens. This requires that the fixtures be Dark Sky compliant. The KAX fixtures are certified to have zero uplight and is a Nighttime Friendly product.
- B. The height of the light fixture shall not exceed $3 + D/3$ where D is the nearest distance to a property line, or 40 feet max.. The nearest light is 125 feet from the closest property line. The maximum lighting height allowed is $3 + 125/3 = 44.67$ feet. We are proposing a 30 foot mounting height.
- C. The selected light fixtures exceed 1800 lumens and are therefore subject to these regulations. All lights are directed straight down at the ground and will not produce unwanted glare or light trespass on adjacent properties.
- D. No moving, fluttering, blinking or flashing lights are proposed. No neon lights or tubular lights are proposed.
- E. Lights mounted on the ceiling of the porch will be recessed into the porch roof structure so as to be fully shielded.
- F. No aviation lighting is proposed.
- G. The selected fixtures are the latest LED technology and are energy efficient with no uplight and no light trespass onto adjacent properties.

Section IV. EXEMPTIONS

No exemptions are requested.

Section V. TEMPORARY LIGHTING

No temporary lighting is proposed.

The proposed site lighting is in full compliance with Section 30 of the Temple zoning

ordinance.