

All Electronic Reader Board Signs – No current language in code

(A) *Static Image Display Minimum.* Electronic reader board signs which provide changing messages shall not blink or flash or change their message more frequently than once every four seconds.

(B) *No Animation or Video.* Electronic reader board signs shall be used to display one static image for no less than four seconds before moving on to another static image display.

(C) *Brightness.* All electronic reader board signs shall come equipped with an automatic dimming photocell device which will automatically adjust the display's brightness based on preset levels relative to ambient light conditions. All electronic reader board signs shall operate at brightness levels of no more than 0.3 foot-candles above ambient light levels. All electronic reader board signs shall also be preset to prevent luminance beyond 5,000 nits during daylight hours and 300 nits at night. Certification of these limits shall be provided by the developer prior to building permit issuance.

(D) Electronic reader board signs may be used only to advertise activities or services available on the property or development complex on which the sign is located, or to present public service information.

(E) *Light Trespass Standard.* Maximum 0.1 foot-candles at the property line of any park or residential property.

(F) *Dispersal Requirements.* One electronic reader board sign shall be permitted on each site or development complex and is subject to available sign area permitted for the property as outlined in Chapter 19.33 of the Lynden Municipal Code.

(G) *Malfunctioning Sign.* In the event that a sign is malfunctioning, the owner of said sign shall turn the sign off until such time that the sign is repaired and functioning correctly in compliance with this section.

Definitions:

Nits - A unit of measurement for the total brightness over one square meter of an LED display.

Lumens - Lumens are a measure of the total amount of visible light (to the human eye) from a lamp or light source. The higher the lumen rating the "brighter" the lamp will appear.

Footcandle - A footcandle is a form of measurement that is commonly used to determine sufficient lighting levels for LED lighting projects.