

February 28, 2019

Subject: Brightness Settings

Watchfire full color led signs are designed for a maximum day brightness of 10,000 NITs and a maximum night brightness of 750 NITs. (adjustable to any value). Typical brightness is 30% of maximum depending on the message content. A Nit (Candela per square meter) is a measurement of luminance and normally used to express the brightness of LEDs.

Watchfire signs offers zoning friendly software to comply with local codes. Upon request the software can be preset to match the brightness, hold time, and transition settings mandated by those codes. The proposed led display for Washington Heights Church, located at 1770 E. 6200 S. in Ogden, will include a 100-step photocell to control brightness. The photocell will respond to the changing ambient light levels and adjust the sign accordingly. The photocell adjusts the signs brightness based on the maximum and minimum parameters set with in the sign software, which can be adjusted to much lower levels upon request. The sign will be shut off between the hours of 10pm and 6am.

Thank you,

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