

City of Markham Digital Sign Regulations*(adopted by Council on June 24, 2014)*

RESTRICTIONS ON THE TYPE OF DISPLAY
Minimum 10 second dwell time
Maximum 1 second transition
No transition effects
RESTRICTIONS ON ILLUMINATION OF SIGNS
Maximum luminance 5,000 nits between sunrise and sunset
Maximum luminance 500 nits between sunset and sunrise
Luminance of sign shall not increase light levels within 10 meters of all points of the electronic sign face by more than 6.5 lux above the ambient level.

“nits” refers to the amount of light leaving the source. For example, the light emitted by a typical desktop computer monitor is between 50 to 300 nits.

“lux” refers to the amount of light falling on a surface such as ground. For example, on a clear day the outdoor light level is approximately 10,000 lux as compared to full moonlight at approximately 0.1 lux.