

MINIMUM LIGHTING STANDARD



The City has requested information on the site lighting performance for the proposed West campus development by Facebook. At this stage of the process the landscape design is only schematic. It is much too early to determine placement, height, lumens, and energy of the site lighting. Facebook is very conscience of light pollution and has set performance standards to minimize light trespass from the buildings and site. The standard set by LEED, below, reflects the intent of the minimum lighting standard for the West campus site lighting.

“Light areas only as required for safety and comfort. Lighting power densities must not exceed ANSI/ASHRAE/IESNA Standard 90.1-2007 (with errata but without addenda) for classified zone.

Design exterior lighting so that all site and building-mounted luminaires produce a maximum initial illuminance value no greater than 0.20 horizontal and vertical footcandles at the site boundary and no greater than 0.01 horizontal footcandles 15 feet beyond the site. Document that no more than 5% of the total initial designed fixture lumens (sum total of all fixtures on site) are emitted at an angle of 90 degrees or higher from nadir (straight down).”



FACEBOOK @ MENLO PARK
WEST CAMPUS

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WA.3.7 SUPPLEMENTAL BRIDGE PHOTOS
& MINIMUM LIGHTING STANDARD

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