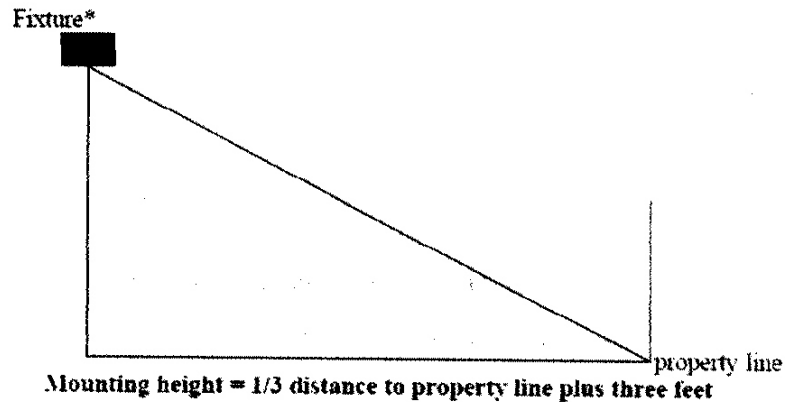


Town of Brookhaven, New York
Guidelines for Exterior Lighting

Figure 3: Calculating Fixture Height in relation to distance to property line.

Without available photometric data to execute a lighting plan, Fixture Placement set-backs can help to reduce incidence of light trespass and glare across property lines.



A fully shielded or full cutoff fixture will generally contain light to a site to reduce light trespass if this formula is followed:

Divide the distance (D) to the property line by three and add three feet to equal the maximum Mounting Height (MH).

Formula: MH no greater than 1/3 Distance to Property line plus 3 feet (The Kennebunkport Formula)

For example:

Maximum Mounting Height	Distance to Property line
15	36
12	27
9	18
6	9

*Assumes common full cutoff fixture. Asymmetrical "sharp cutoff" full cutoff fixtures that have steeper cutoff angles or shielding at the "house side" may be placed closer to property boundaries provided their cutoff angles do not result in light trespass and footcandle measurements can be provided on a lighting plan.