

All public streetlight designs will be prepared by an engineering firm capable of performing such work. The engineer will be licensed by the State of Washington. All developments will submit the lighting plan on a separate sheet. After the system is completed and approved, a set of record drawing Mylars will be submitted to the City as a permanent record.

Streetlights will be located in accordance with the Illumination Standards [Illumination Standards, Table 14](#) and Detail 4-30. In addition, intersections will be illuminated to 1.5 times the highest foot-candle requirement of the streets surrounding the intersection, if none of the intersecting streets' average maintained horizontal illumination level (foot-candles) is equal to or greater than one foot-candle. Exception: In residential and intermediate classes, local streets intersecting collector streets do not need 1.5 times the illumination at intersections provided a luminaire is placed at the intersection. Streetlight layout will be first considered for one-sided street placement then opposite-side street placement. Staggered spacing will be allowed upon approval of the engineer where it is necessary to achieve the average maintained horizontal illumination or there is an established staggered pattern and it is necessary to continue this pattern.

The Local Access Street classification requires the use of ornamental lamp posts for streetlight poles. All other street classifications require the use of high-mast decorative ornamental fiberglass streetlight poles with an acorn-style luminaire and decorative bracket arm mounted to the pole.

All luminaires shall be Light Emitting Diode (LED), with a color temperature rating between 3,500 and 4,300 Kelvin. Streetlight spacing calculations for all street classifications, except Local Access and Neighborhood Collector, shall be submitted for review and approval and demonstrate that the requirements of this section are met.

Specifications for each type of streetlight pole is available at the [Community Planning and Development Department](#).

Table 14: Illumination Standards

Street Class	Area Class		# of Lanes	Luminaire LED Equivalent to HPS (Watt)	Mounting Height	Curb Overhang	Maximum Spacing		
							One Side	Both Sides	Staggered
Local	Res	20	2-In	100	12	0			150
	Int	20	2-In	100	12	0			150
	Res	25	2-In	100	12	0			150
	Int	25	2-In	100	12	0			150
Neighborhood Collector	Res-Int	27	2-In	200/50	30/12	2			300
Neighborhood	Res-Int	27	2-In	200/50	30/12	1			300