

LUMINAIRE SIZE AND SPACING

STREET		STREET LIGHT		
Area	R/W Width	Luminaire Size	Mounting Height	Spacing*
Residential (R-1)	60' or less	50 Watt H.P.S.V.	19'-3"	160'-200'
		50 Watt H.P.S.V.	10'-6"	120'-160'
Residential (R-2 thru R-5)	60'	100 Watt H.P.S.V.	27'-0"	160'-200'
	80'	150 Watt H.P.S.V.	27'-0"	160'-200'
	100'	200 Watt H.P.S.V.	32'-2"	160'-200'
Commercial/ Industrial	60'	150 Watt H.P.S.V.	27'-0"	160'-200'
	80'	200 Watt H.P.S.V.	32'-2"	160'-200'
	100'	200 Watt H.P.S.V.	32'-2"	140'-180'

*Maximum spacing shall not be exceeded unless prior approval is obtained from the Director of Engineering.

INTERSECTION LIGHTING

1. Intersection of two 60' or less streets in R-1 area shall have a light on one of the corners
2. Intersection of one 60' and one 80' street in R-1 area shall have at least two (2) lights, one on each far right side corner of the 80' street.
3. All other cases shall have one light placed on the far right side corner of each street.
4. All signalized or master-planned signalized intersections shall have a 200 Watt H.P.S.V. on a signal standard, corresponding to items 2 and 3.

NOTES

1. Street lighting layouts shall conform to these standards and the City of Fullerton Standard Specifications for Ornamental Street Lighting Systems and shall provide as uniform a light pattern as possible.
2. Light standards shall be located at property lines wherever practical.
3. At intersections, lights shall be placed near the B.C.R. of the far right side of the street.
4. All spacing shall be based on a staggered configuration unless otherwise approved by the Director of Engineering.
5. All layouts shall be approved by the Director of Engineering prior to start of construction.
6. A 120-volt system shall be utilized wherever possible.

REVISED DATE _____ _____ _____ _____ _____	CITY OF FULLERTON ENGINEERING DEPARTMENT STREET LIGHT DESIGN STANDARDS APPROVED <u>Robert Johnson</u> DATE <u>8/16/95</u> DIRECTOR OF ENGINEERING	DRAWN <u>PLS.</u> DATE <u>8/1/95</u> STD. NO. 500
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