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CITY OF VANCOUVER STREET LIGHTING REQUIREMENTS ILLUMINANCE METHOD	Illumination for Intersections			
	Average Maintained Illuminance at Pavement by Pedestrian Area Classification in fc			Illuminance Uniformity (4)
Functional Classification	High Pedestrian Conflict	Medium Pedestrian Conflict	Low Pedestrian Conflict	Average to Minimum
Major Arterial/Major Arterial	3.4	2.6	1.8	3.0
Major Arterial/Minor Arterial	2.2	1.7	1.2	3.0
Major Arterial/Collector	2.9	2.2	1.5	3.0
Major Arterial/Industrial	2.4	1.9	0.9	3.0
Major Arterial/Local Access	2.6	2.0	1.3	3.0
Minor Arterial/Minor Arterial	2.0	1.6	1.2	3.0
Minor Arterial/Collector	1.8	1.4	1.0	3.0
Minor Arterial/Industrial	2.2	1.8	0.9	3.0
Minor Arterial/Local Access	1.5	1.1	0.9	3.0
Collector/Collector	2.4	1.8	1.2	4.0
Collector/Industrial	2.0	1.6	0.6	3.0
Collector/Local Access	2.1	1.6	1.0	4.0
Industrial/Industrial	2.4	2.0	–	3.0
Industrial/Local Access	1.8	1.5	0.5	4.0
Local Access/Local Access	1.8	1.4	0.8	6.0
Midblock Pedestrian Crossing	4.0	3.0	2.0	3.0

**NOTES:**

See standard plan T21-01D for note (#) information.

fc = foot candles



**STREET LIGHTING REQUIREMENTS INTERSECTION ILLUMINANCE**

CITY OF VANCOUVER  
DEPARTMENT OF PUBLIC WORKS  
TRANSPORTATION DIVISION

DRAWN BY	APPROVED BY	APPROVAL DATE
CDC		1/15
REVISION	APPROVED BY	APPROVAL DATE
3		3/24

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**T21-01C**