

CITY OF VANCOUVER STREET LIGHT REQUIREMENTS ILLUMINANCE METHOD (Curved Sections)	Roadway Classification										Lighting District									
	Principal Arterial		Minor Arterial			Collector Arterial			Industrial		Local Access		Downtown	Uptown	Promenade Roadway	Promenade Pathway	Historical District/Officers Row Roadway	Historical District/Officers Row Pathway		
	Expressway	Major		High	Medium	Low	High	Medium	Low	Primary	Primary	Secondary	Medium	Low	Low	All	All	All	All	
		High	Medium																	Low
Pedestrian Conflict (10)	All																			
Applicable Street Sections Standard Details	N/A	T10-04 T10-05	T10-06	T10-07	T10-08 T10-10	T10-09 T10-10	T10-11	T10-12 T10-13	T10-14	T10-20 T10-21	T10-22 T10-23	T10-15A T10-15B	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed	
Averaged Maintained Illuminance (2) (3)	1.5	1.8	1.3	0.9	1.5	1.2	0.9	1.2	0.9	1.8	1.5	0.7	0.4	0.4	1.8	1.5	1.3	1.5	1.3	
Illuminance Uniformity (4)	3:1	3:1	3:1	3:1	3:1	3:1	4:1	4:1	4:1	3:1	3:1	6:1	6:1	6:1	3:1	3:1	4:1	3:1	4:1	
Light Standard Types Approved for Use (7)	Design Required	A	A	A	A	A	A	A	A	A	A	A	A	D**	D	P	R	O	O	O
Fixtures Mounting Height (nominal in feet) (8)	Design Required	30	30	30	30	30	30	30	30	30	30	25	25	20	20	20	14	20	14	14
One Side or Both Sides Lighting Applicable (9)	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides	One Side	Both Sides	Both Sides	One Side
Luminaire	As Directed	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed
Light Source (7)	As Directed	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed
Lamp Lumen Depreciation (LLD)	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed
Lumen Dirt Depreciation (LDD)	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.95	0.95	0.95	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed
Light Distribution	As Directed	3	3	2	3	2	2	2	2	3	2	2	2	2	As Directed	As Directed	As Directed	As Directed	As Directed	As Directed


SEE CITY'S APPROVED PRODUCTS LIST

*Both Sides Staggered Preferred Unless Only Half Street is Improved.
 **Use Type D Lighting Standard in all Residential Areas Unless the Surrounding Neighborhood is Either Type A or Type N or as Directed by Engineer.

SEE T21-01D FOR (#) NOTE INFORMATION.

REV. NO.	DATE	BY	APPROVED
1	1/15	RAW/CJC	
2	7/19	RAW/CJC	
3	9/21	RAW/CJC	

PUBLIC WORKS - STREETS AND TRANSPORTATION

APPROVED BY:  TRAFFIC ENGINEER MANAGER

APPROVED DATE: 9/1/2021



CITY STREET LIGHTING REQUIREMENTS SCHEDULE LUMINANCE METHOD (CURVED SECTIONS)

STANDARD PLAN NUMBER T21-01B