



## Visual - Roadway Tool

www.Visual-3D.com



Thursday, June 24, 2021

### Design Information

Project Name  
Project Description

User Name  
Company Name  
Your Phone  
Your Email

### Roadway

Calculation Method	RP-8-2000 2007 errata	<b>Median</b>		
Road Surface	R3	Width	0 ft	
Road Class	Freeway A	<b>Sidewalk</b>		
Pedestrians	None	Width	Left: 4 ft	Right: 4 ft
Roadway Length	1,000 (12 Pole Locations)	Setback	Left: 3 ft	Right: 0 ft
Lane Quantity	Left: 1      Right: 1	<b>Bikelane</b>		
Lane Width	Left: 13 ft      Right: 13 ft	Width	Left: 0 ft	Right: 0 ft
		Setback	Left: 0 ft	Right: 0 ft

### Luminaire Information

#### Left Side - King Luminaire: K54-C-P4NL-II-100(SSL)-7030

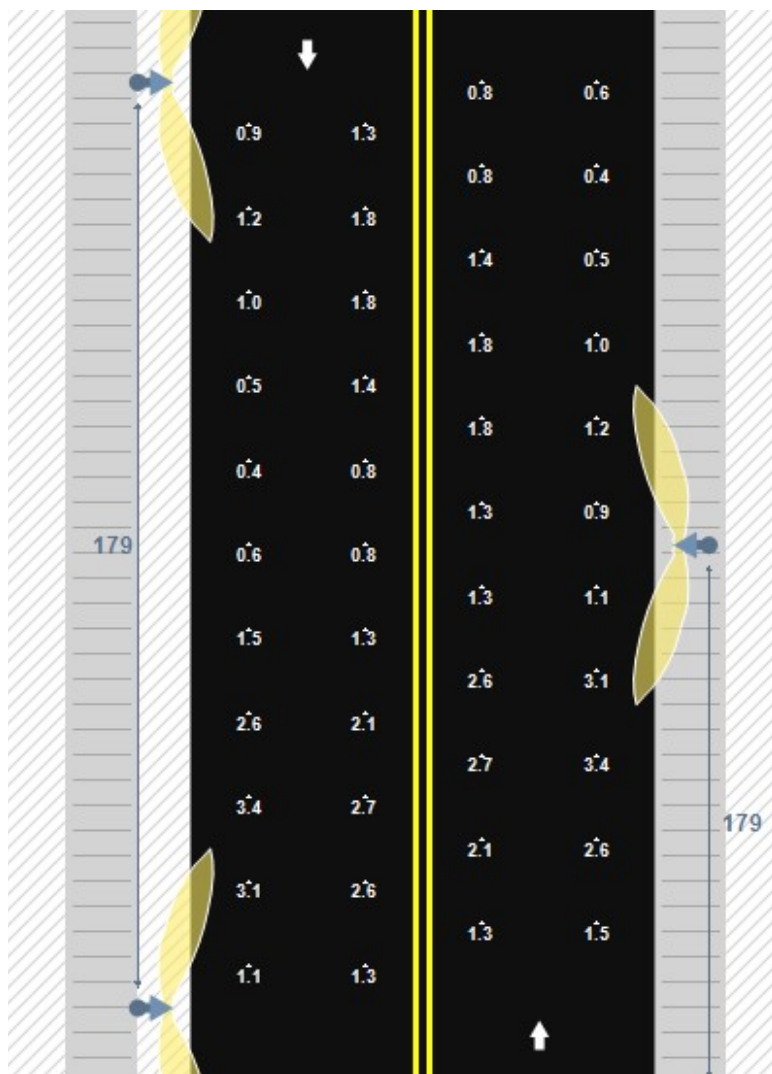
Cycle Spacing:	179.48 ft	Configuration:	Single
Setback:	3 ft	Arm Length:	1 ft
Orientation:	90	Tilt:	0
Mounting Height:	21.5 ft	Lamp Lumens:	6465
Staggered:	False	Wattage:	103.1
Light Loss Factor:	1	Lamp Count:	1

#### Right Side - King Luminaire: K54-C-P4NL-II-100(SSL)-7030

Cycle Spacing:	179.48 ft	Configuration:	Single
Setback:	3 ft	Arm Length:	1 ft
Orientation:	270	Tilt:	0
Mounting Height:	21.5 ft	Lamp Lumens:	6465
Staggered:	True	Wattage:	103.1
Light Loss Factor:	1	Lamp Count:	1

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Luminance

## Calculation Results

Luminance	Left	Right	Illuminance	Left	Right	Sidewalk	Left	Right		
Average:	1.6	1.6	Average:	2	2	fc	Average:	0.5	0.8	fc
Max:	3.4	3.4	Max:	3.4	3.4	fc	Min	0.3	0.1	fc
Min	0.4	0.4	Min	0.7	0.7	fc	Ave/Min:	2	7.1	
Ave/Min:	3.7	3.7	Ave/Min:	3	3		Ev Min:	0	0	fc
Max/Min:	7.9	7.9	Max/Min:	5.2	5.2	<b>Bikelane</b>	Average:	--	--	fc
Lv Ratio:	0.3	0.3					Min	--	--	fc
STV:	3.6	3.6					Ave/Min:	--	--	
							Ev Min:	--	--	fc

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