

Visual - Roadway Tool



Design Information

Project Name
Project Description

User Name
Company Name
Your Phone
Your Email

Tuesday, January 09, 2024

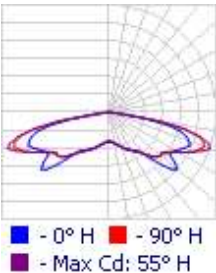
Roadway

Calculation Method	RP-8-2000 2007 errata		Median		
Road Surface	R3		Width	9 ft	
Road Class	Freeway A		Sidewalk		
Pedestrians	None		Width	Left: 0 ft	Right: 0 ft
Roadway Length	5,280 (18 Pole Locations)		Setback	Left: 0 ft	Right: 0 ft
Lane Quantity	Left: 4	Right: 4	Bikelane		
Lane Width	Left: 12 ft	Right: 12 ft	Width	Left: 0 ft	Right: 0 ft
			Setback	Left: 0 ft	Right: 0 ft

Luminaire Information

Median - Holophane: HMLEd4 P3 30K XXXXX AW

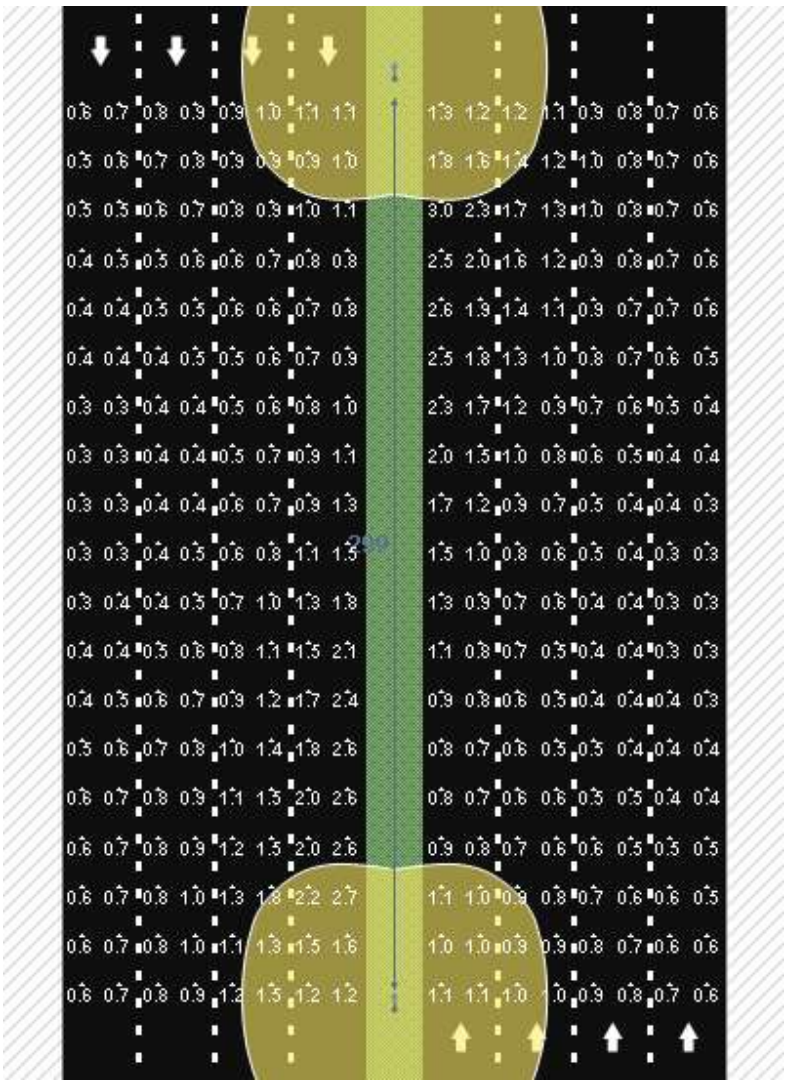
Cycle Spacing:	299.35 ft	Configuration:	Single
Setback:	0 ft	Arm Length:	1 ft
Orientation:	0	Tilt:	0
Mounting Height:	39.75 ft	Lamp Lumens:	63224
Staggered:	False	Wattage:	429
Light Loss Factor:	1	Lamp Count:	1



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Luminance

Calculation Results

Luminance	Left	Right		Illuminance	Left	Right	Sidewalk	Left	Right		
Average:	0.9	0.9	cd/m ²	Average:	1.2	1.2	fc	Average:	--	--	fc
Max:	2.8	3	cd/m ²	Max:	3.4	3.4	fc	Min	--	--	fc
Min	0.3	0.3	cd/m ²	Min	0.3	0.3	fc	Ave/Min:	--	--	
Ave/Min:	3	3		Ave/Min:	4.7	4.7		Ev Min:	--	--	fc
Max/Min:	9.5	10.2		Max/Min:	13.4	13.4		Bikelane			
Lv Ratio:	0.4	0.4						Average:	--	--	fc
STV:	4.7	4.5						Min	--	--	fc
								Ave/Min:	--	--	
								Ev Min:	--	--	fc

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