



CHECK SHEET FOR ROADWAY LIGHTING SIMULATION

questionnaire		please write here	Please attach file	mandatory	helpful	
R O A D W A Y L I G H T I N G	Type of existing lighting fixture?	✓		✓		
	Number of lighting involved with the project?	✓			✓	
	System wattage of the existing lighting fixture?	✓			✓	
	Lamp wattage of the existing lighting fixture?	✓		✓		
	CCT and CRI of the existing lighting?	✓			✓	
	Target CCT and CRI with new lighting?	✓			✓	
	Are you able to provide us .ies file of the existing lighting?	✓	✓		✓	
	IP rating of the existing lighting fixture?	✓		✓		
	Pole spacing?	✓		✓		
	Positioning of the poles (One sided, Staggered, Opposite)?	✓		✓		
	Height of pole top?	✓		✓		
	Height of Lamp?	✓		✓		
	Boom Angle?	✓		✓		
	Boom Length?	✓		✓		
	Number of lane per carriage way?	✓		✓		
	Width of each lane?	✓		✓		
	Width of median(if applicable)?	✓		✓		
	Width and position of shoulder?	✓		✓		
	Reflection classification (R1, R2, R3, R4)? If you do not provide this information, we use R3 normally.	✓				✓
	Light Loss Factor? If you do not provide this information, we use 0.80 normally.	✓				✓
Required uniformity level. Uo, UI?	✓			✓		
Required luminance (cd/m ²) or illuminance (lux)?	✓			✓		
What is the methodology to measure the luminance or illuminance?(number of lightings, measuring point)	✓			✓		
Do you need the lighting simulation with vertical luminance level? If yes, what is the requirement?	✓			If yes	✓	
How much you are now paying for power bill per kW/h?	✓				✓	
What is the price of existing lighting fixture and lamp?	✓				✓	
How often does your maintenance team replace the lamp and ballast per one lighting?	✓				✓	
Special Requirement, if any						