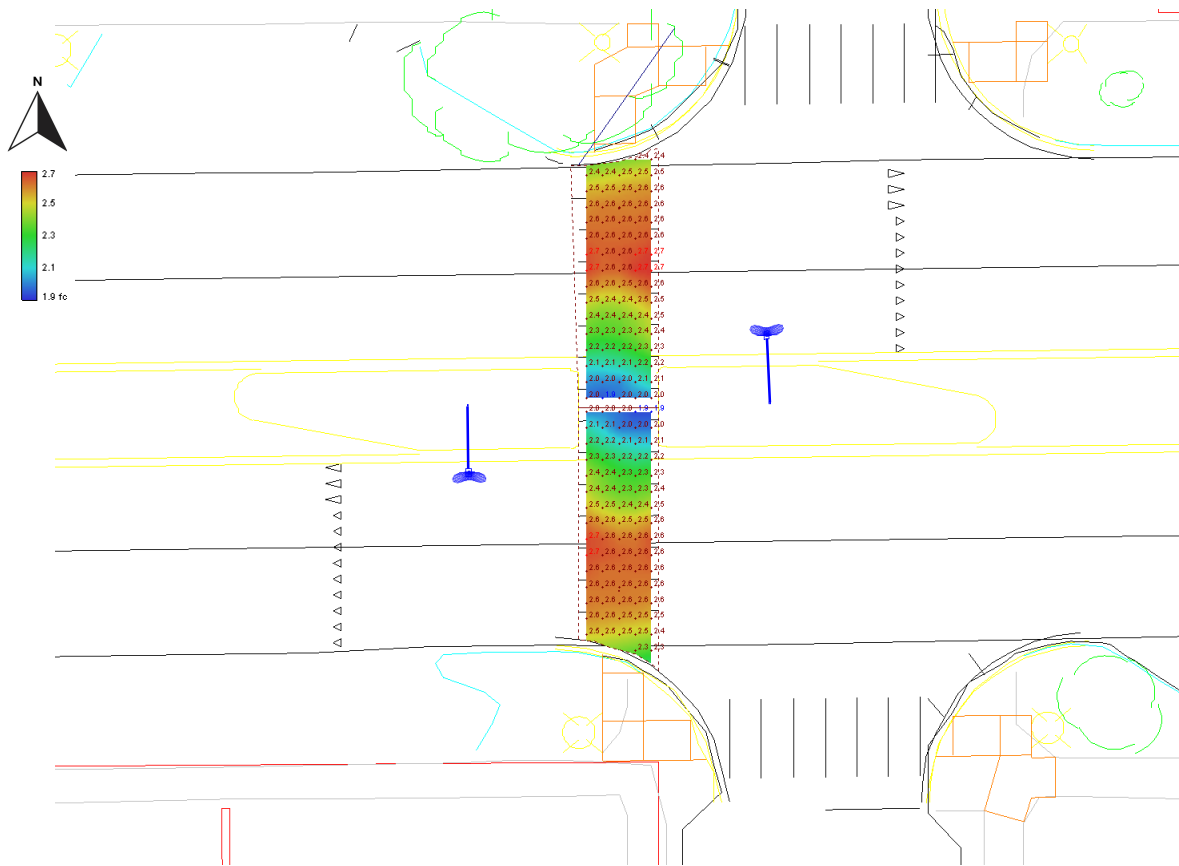




EB Rte 70 Horiz Illum Calc

Average	2.4	fc
Maximum	2.7	fc
Minimum	1.9	fc
Max/Min	1.4:1	
Average/Min	1.3:1	

EB X-Walk Vert @ 7' Plane

Average	2.0	fc
Maximum	3.0	fc
Minimum	1.2	fc
Max/Min	2.5:1	
Average/Min	1.7:1	

WB Rte 70 Horiz Illum Calc

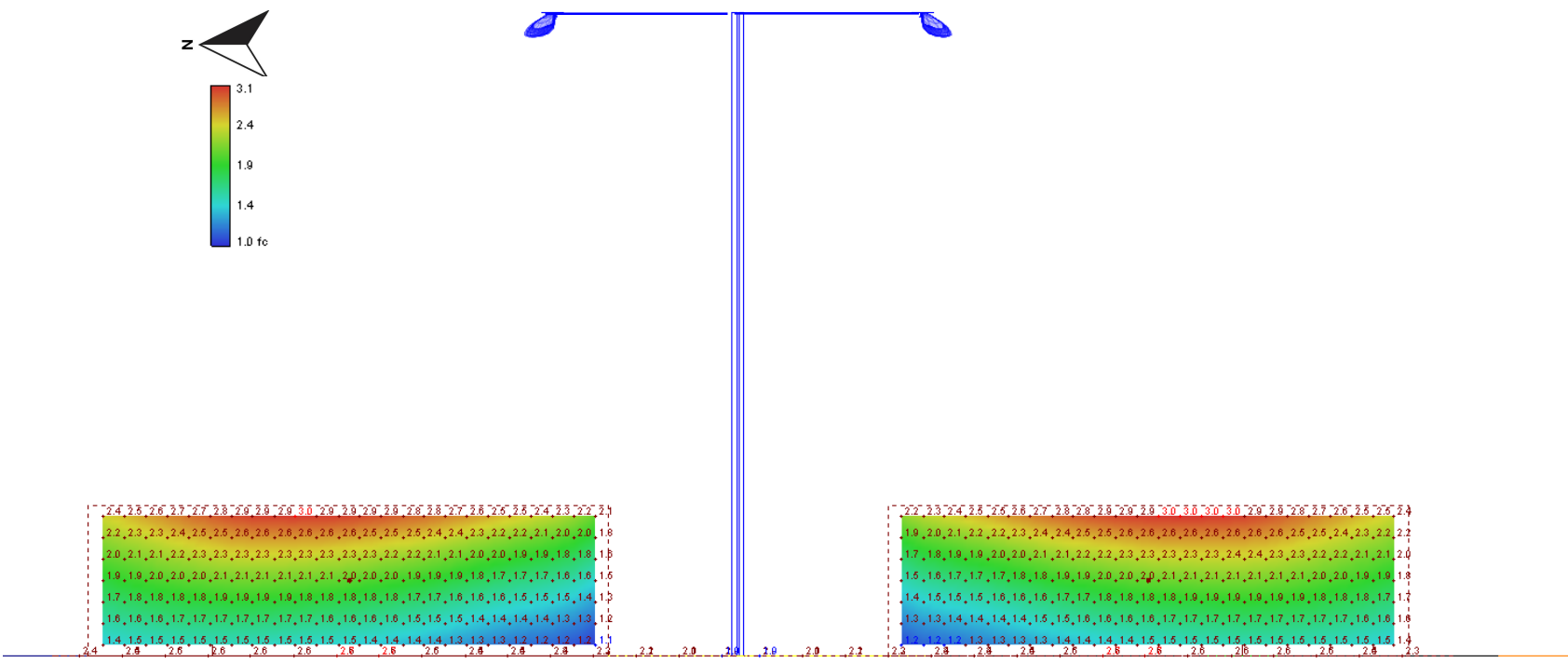
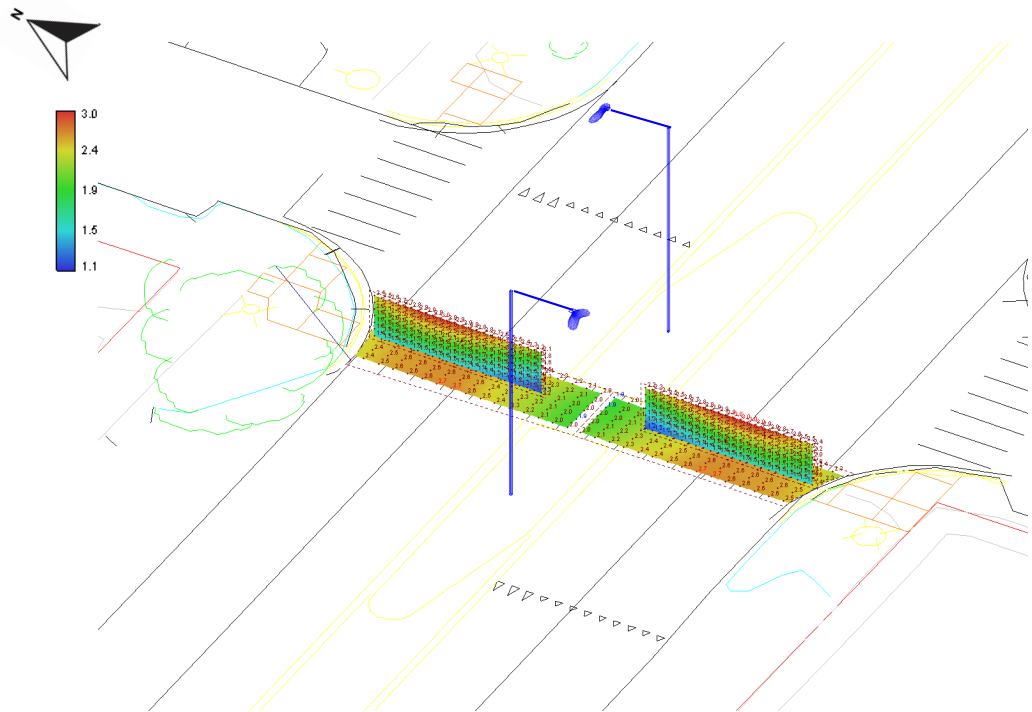
Average	2.4	fc
Maximum	2.7	fc
Minimum	1.9	fc
Max/Min	1.4:1	
Average/Min	1.3:1	

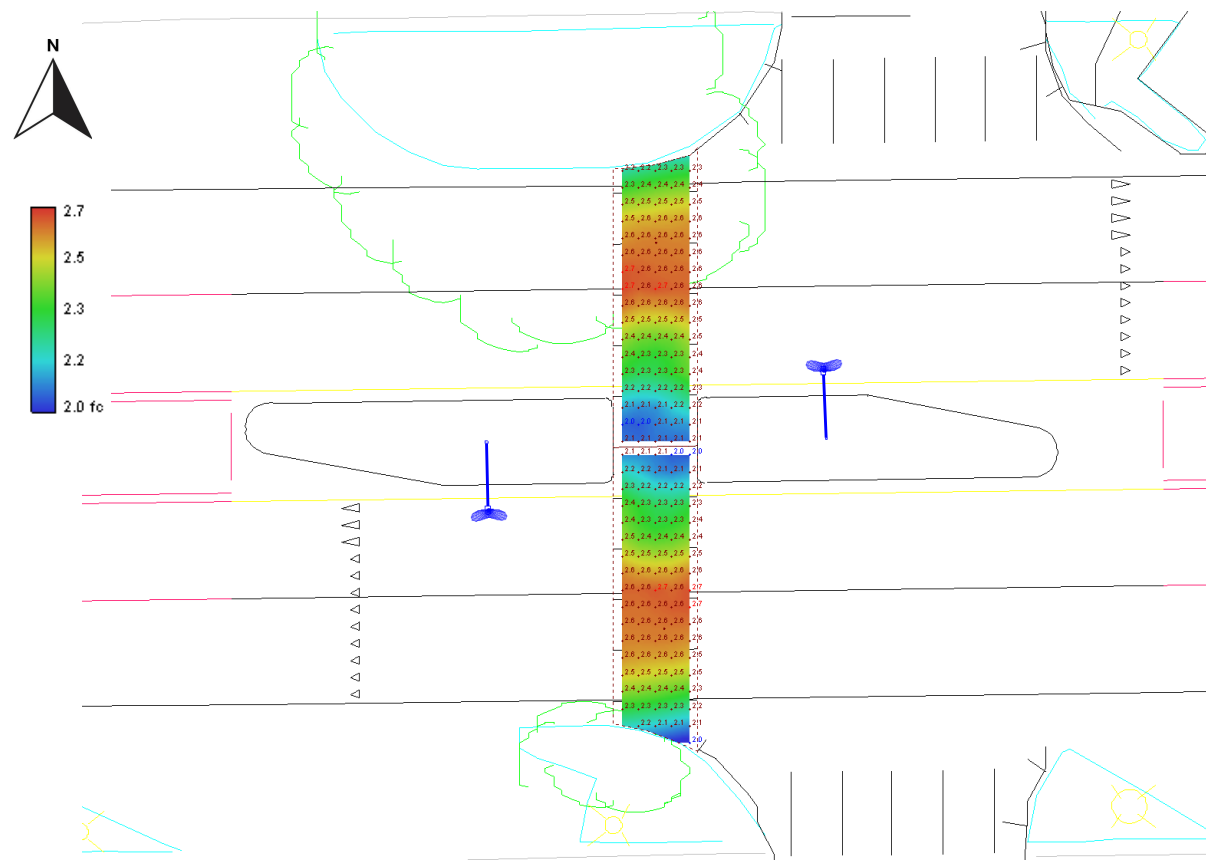
WB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.0	fc
Minimum	1.1	fc
Max/Min	2.7:1	
Average/Min	1.8:1	

Source: RP-8-14, Table 8 - Illumination for Intersections				
Functional Classification	Average Maintained Illumination at Pavement by Pedestrian Area Classification in Lux/ftc			E _{avg} /E _{min}
	High	Medium	Low	
Major/Major	34.0/3.4	26.0/2.6	18.0/1.80	3.0
Major/Collector	29.0/2.9	22.0/2.2	15.0/1.5	3.0
Major/Local	26.0/2.6	20.0/2.0	13.0/1.3	3.0
Collector/Collector	24.0/2.4	18.0/1.8	12.0/1.2	4.0
Collector/Local	21.0/2.1	16.0/1.6	10.0/1.0	4.0
Local/Local	18.0/1.8	14.0/1.4	8.0/0.8	6.0

Note: Vertical illuminance levels to meet or exceed horizontal illuminance thresholds above, per RP-8-14 recommendations.





EB Rte 70 Horiz Illum Calc

Average	2.4	fc
Maximum	2.7	fc
Minimum	2.0	fc
Max/Min	1.4:1	
Average/Min	1.2:1	

EB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.1	fc
Minimum	1.0	fc
Max/Min	3.1:1	
Average/Min	2.0:1	

WB Rte 70 Horiz Illum Calc

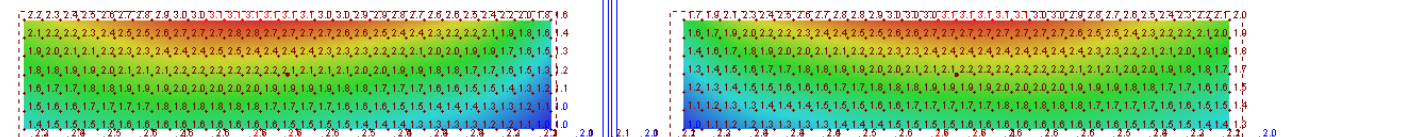
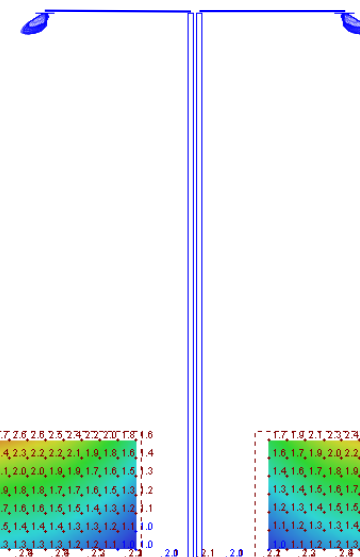
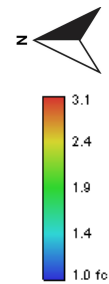
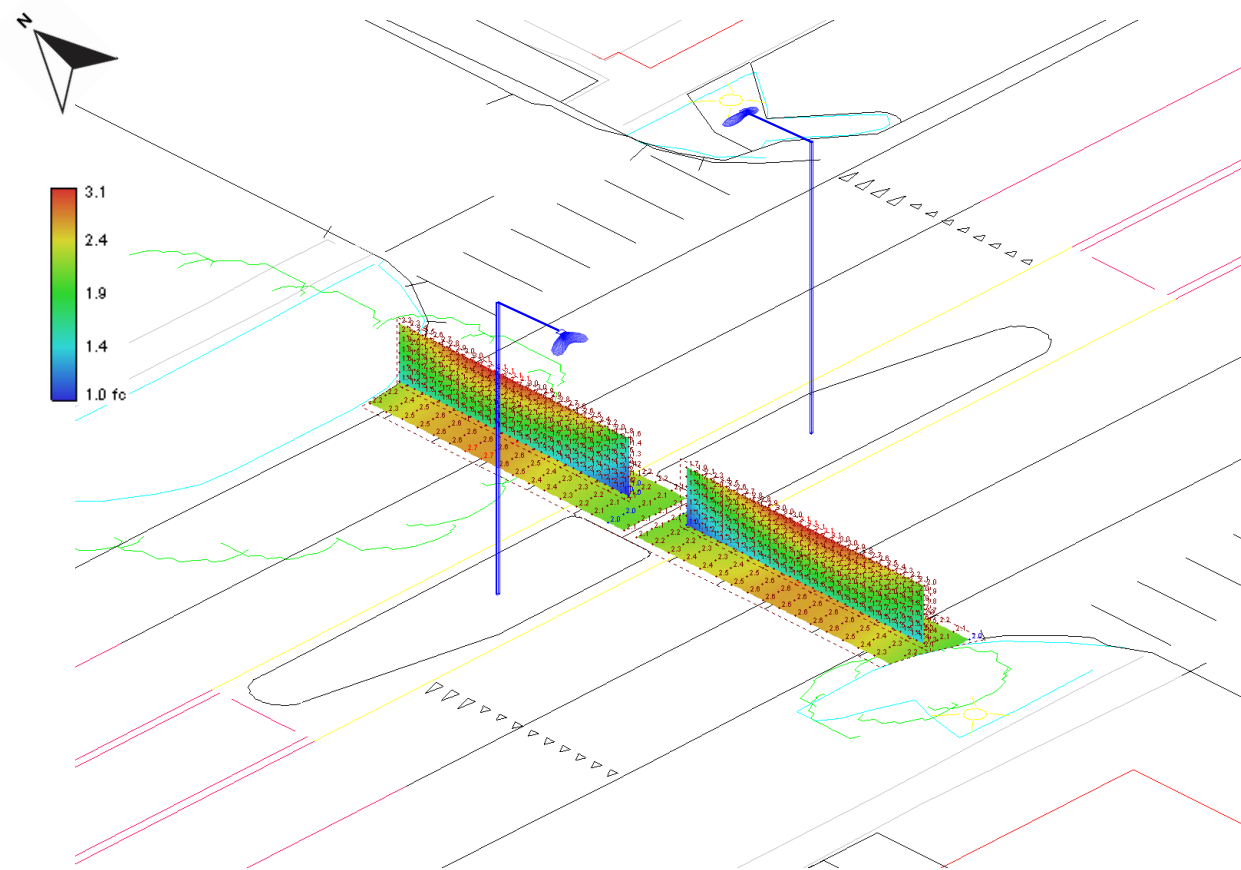
Average	2.4	fc
Maximum	2.7	fc
Minimum	2.0	fc
Max/Min	1.4:1	
Average/Min	1.2:1	

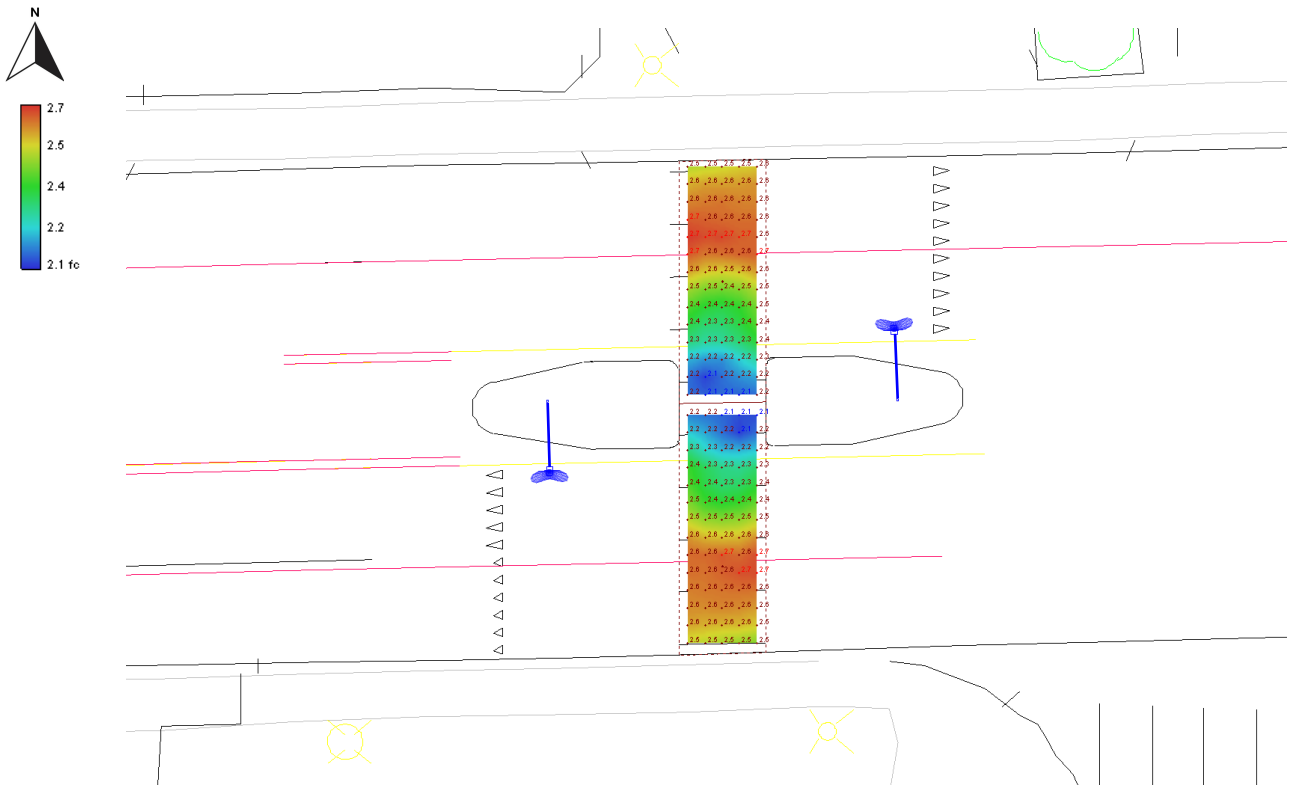
WB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.1	fc
Minimum	1.0	fc
Max/Min	3.1:1	
Average/Min	2.0:1	

Source: RP-8-14, Table 8 - Illumination for Intersections				
Functional Classification	Average Maintained Illumination at Pavement by Pedestrian Area Classification in Lux/ft			E _{avg} /E _{min}
	High	Medium	Low	
Major/Major	34.0/3.4	26.0/2.6	18.0/1.80	3.0
Major/Collector	29.0/2.9	22.0/2.2	15.0/1.5	3.0
Major/Local	26.0/2.6	20.0/2.0	13.0/1.3	3.0
Collector/Collector	24.0/2.4	18.0/1.8	12.0/1.2	4.0
Collector/Local	21.0/2.1	16.0/1.6	10.0/1.0	4.0
Local/Local	18.0/1.8	14.0/1.4	8.0/0.8	6.0

Note: Vertical illuminance levels to meet or exceed horizontal illuminance thresholds above, per RP-8-14 recommendations.





EB Rte 70 Horiz Illum Calc

Average	2.5	fc
Maximum	2.7	fc
Minimum	2.1	fc
Max/Min	1.3:1	
Average/Min	1.2:1	

EB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.1	fc
Minimum	0.9	fc
Max/Min	3.4:1	
Average/Min	2.2:1	

WB Rte 70 Horiz Illum Calc

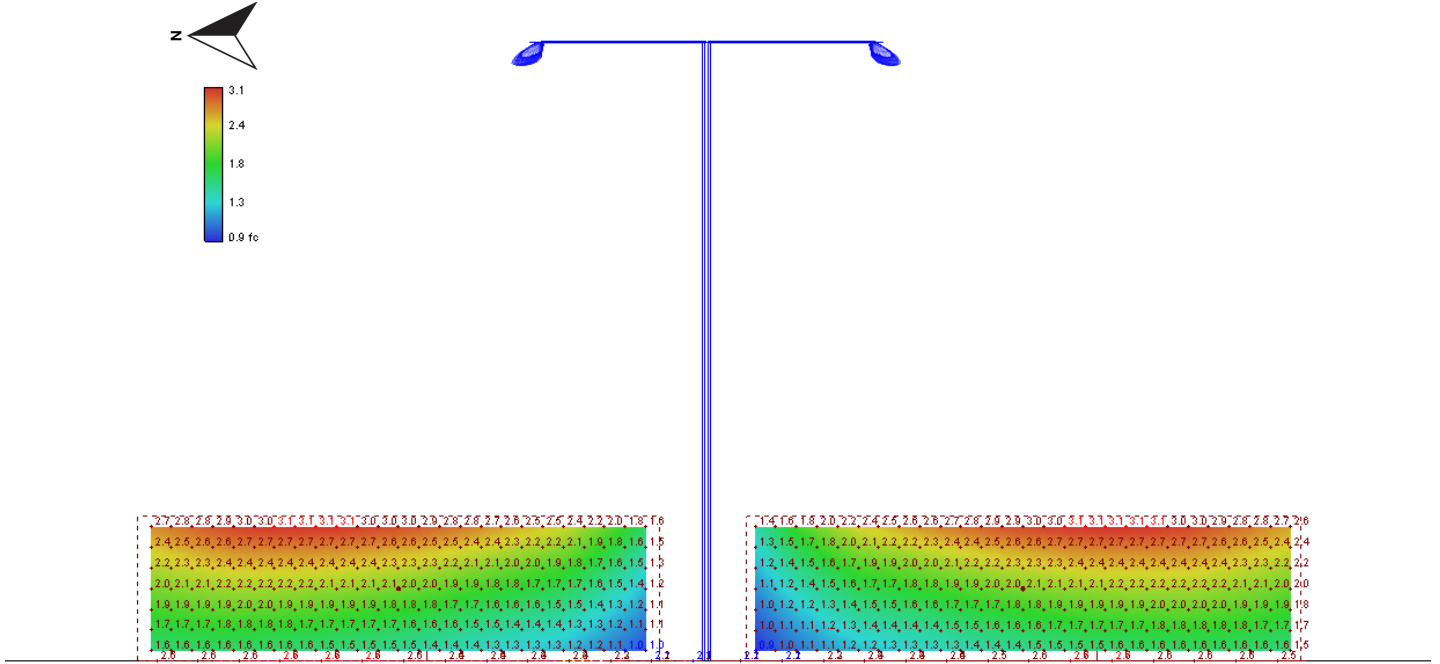
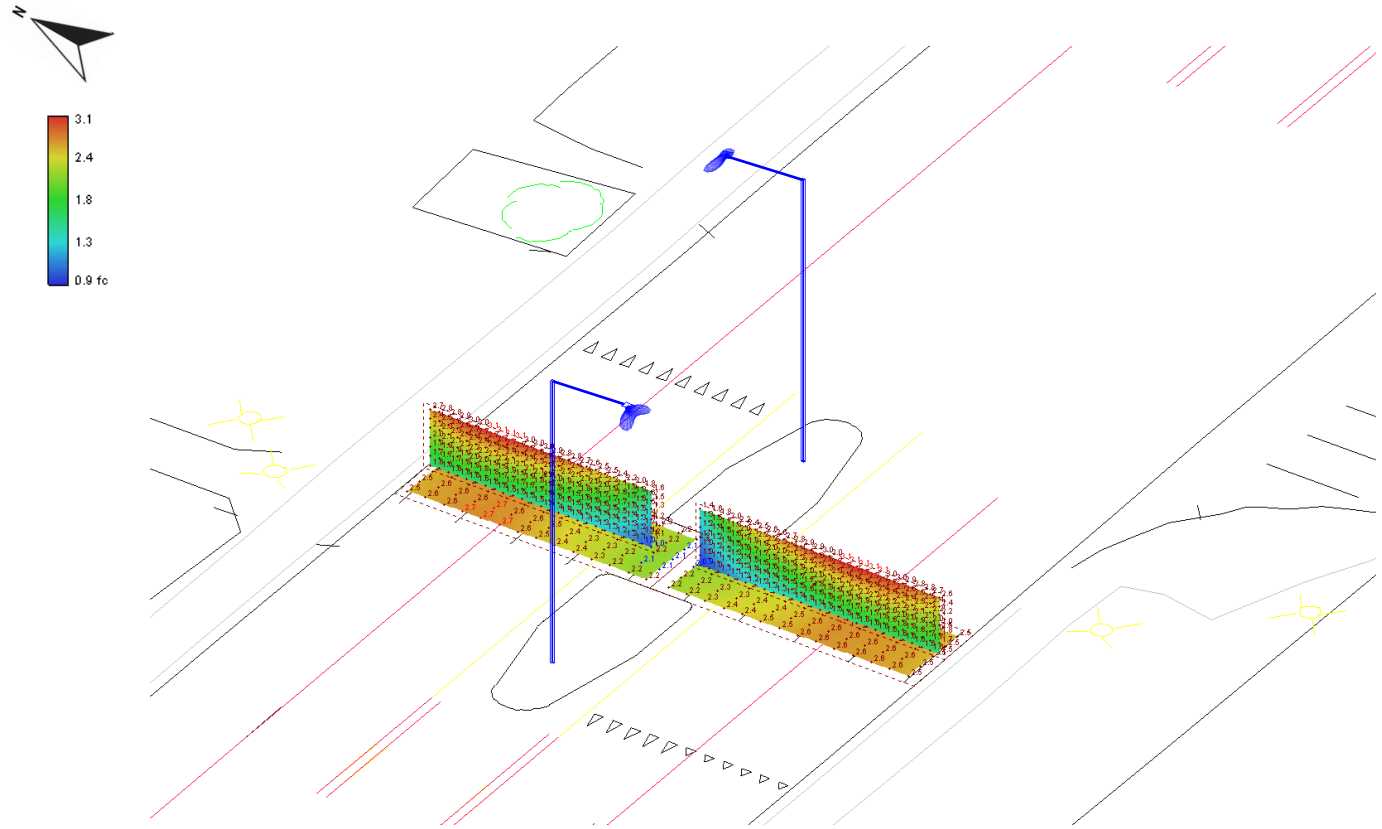
Average	2.5	fc
Maximum	2.7	fc
Minimum	2.1	fc
Max/Min	1.3:1	
Average/Min	1.2:1	

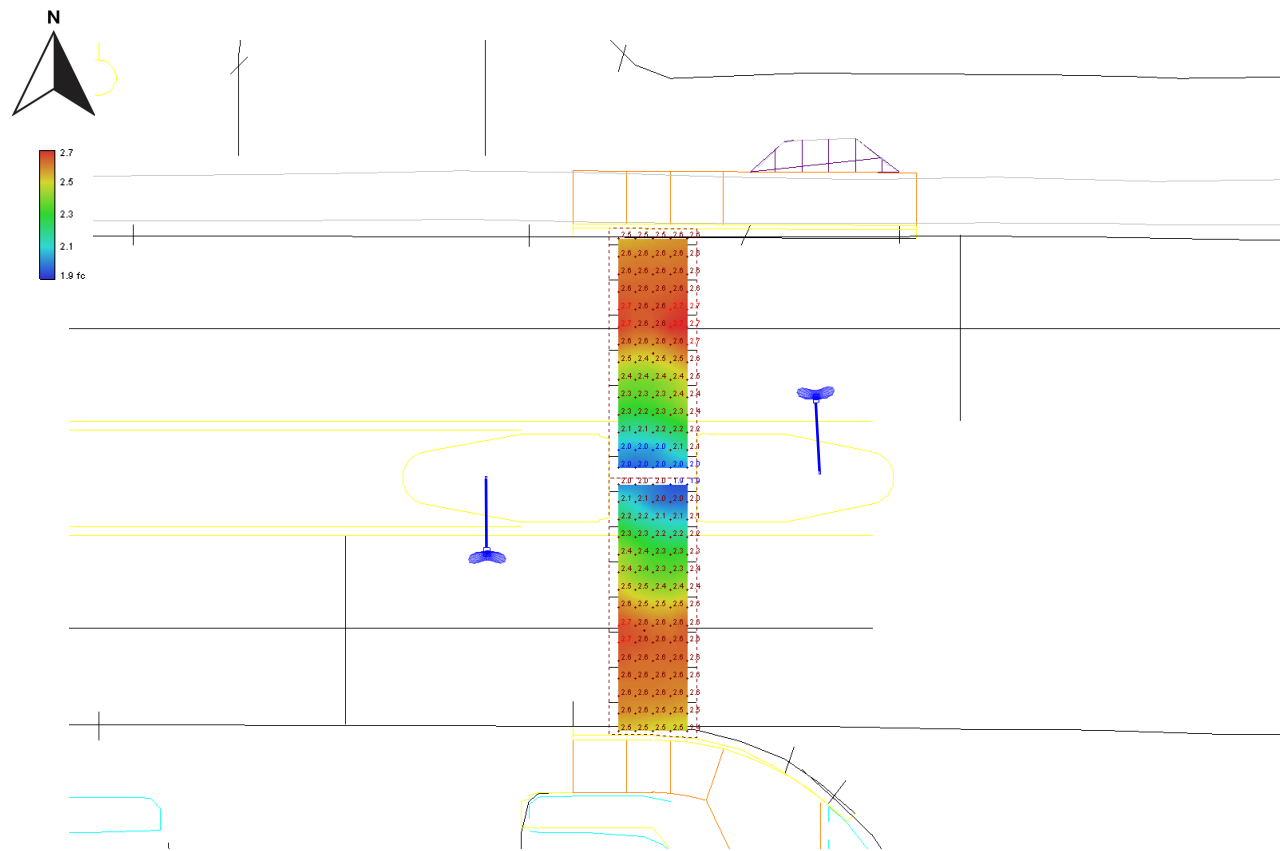
WB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.1	fc
Minimum	1.0	fc
Max/Min	3.1:1	
Average/Min	2.0:1	

Source: RP-8-14, Table 8 - Illumination for Intersections				
Functional Classification	Average Maintained Illumination at Pavement by Pedestrian Area Classification in Lux/fc			E _{avg} /E _{min}
	High	Medium	Low	
Major/Major	34.0/3.4	26.0/2.6	18.0/1.80	3.0
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Major/Local	26.0/2.6	20.0/2.0	13.0/1.3	3.0
Collector/Collector	24.0/2.4	18.0/1.8	12.0/1.2	4.0
Collector/Local	21.0/2.1	16.0/1.6	10.0/1.0	4.0
Local/Local	18.0/1.8	14.0/1.4	8.0/0.8	6.0

Note: Vertical illuminance levels to meet or exceed horizontal illuminance thresholds above, per RP-8-14 recommendations.





EB Rte 70 Horiz Illum Calc

Average	2.4	fc
Maximum	2.7	fc
Minimum	1.9	fc
Max/Min	1.4:1	
Average/Min	1.3:1	

EB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.0	fc
Minimum	1.1	fc
Max/Min	2.7:1	
Average/Min	1.8:1	

WB Rte 70 Horiz Illum Calc

Average	2.4	fc
Maximum	2.7	fc
Minimum	2.0	fc
Max/Min	1.4:1	
Average/Min	1.2:1	

WB X-Walk Vert 7' Plane

Average	2.0	fc
Maximum	3.0	fc
Minimum	1.1	fc
Max/Min	2.7:1	
Average/Min	1.8:1	

Source: RP-8-14, Table 8 - Illumination for Intersections				
Functional Classification	Average Maintained Illumination at Pavement by Pedestrian Area Classification in Lux/ftc			E _{avg} /E _{min}
	High	Medium	Low	
Major/Major	34.0/3.4	26.0/2.6	18.0/1.80	3.0
Major/Collector	29.0/2.9	22.0/2.2	15.0/1.5	3.0
Major/Local	26.0/2.6	20.0/2.0	13.0/1.3	3.0
Collector/Collector	24.0/2.4	18.0/1.8	12.0/1.2	4.0
Collector/Local	21.0/2.1	16.0/1.6	10.0/1.0	4.0
Local/Local	18.0/1.8	14.0/1.4	8.0/0.8	6.0

Note: Vertical illuminance levels to meet or exceed horizontal illuminance thresholds above, per RP-8-14 recommendations.

