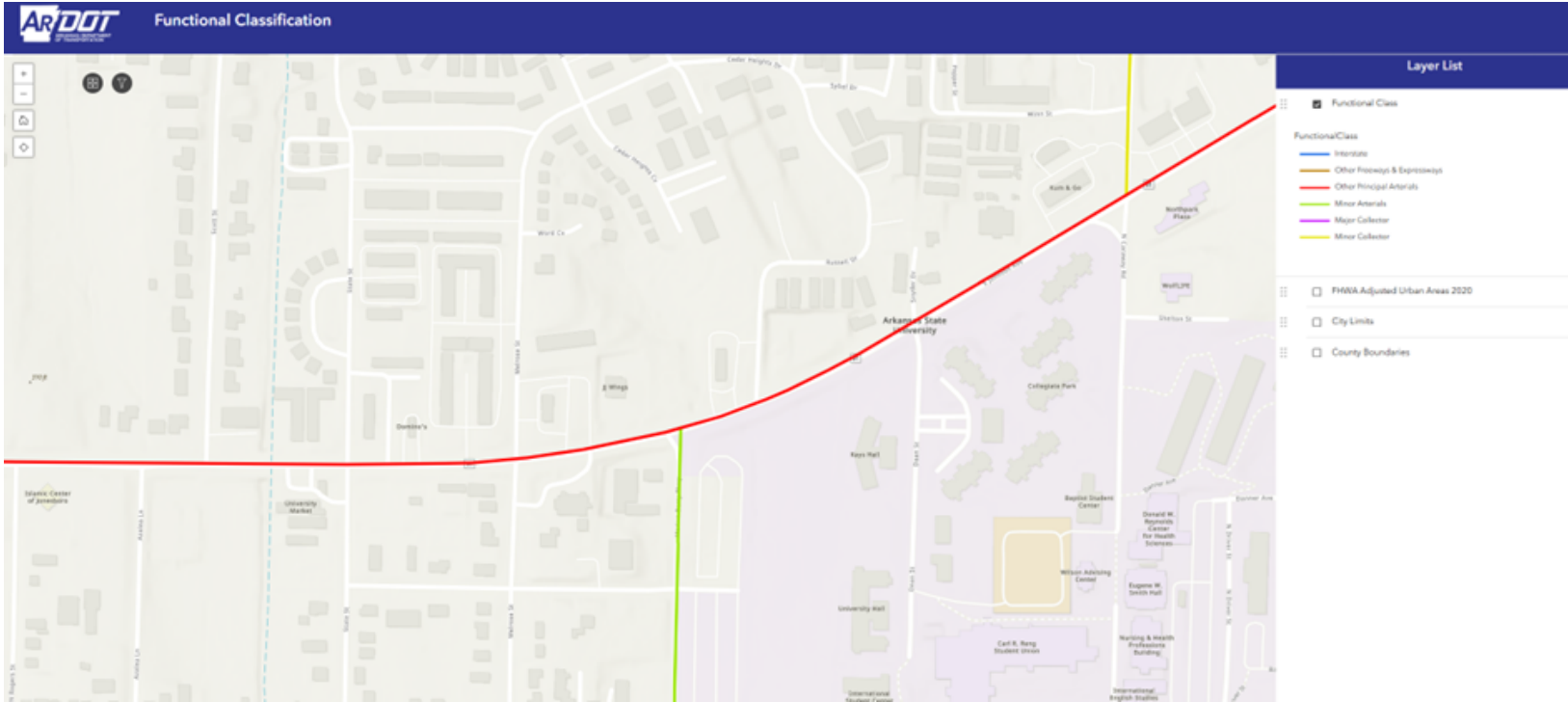




Source: RP-8-14, Table 8 - Illumination for Intersections				
Functional Classification	Average Maintained Illumination at Pavement by Pedestrian Area Classification in Lux/fc			E _{avg} /E _{min}
	High	Medium	Low	
Major/Major	34.0/3.4	26.0/2.6	18.0/1.80	3.0
Major/Collector	29.0/2.9	22.0/2.2	15.0/1.5	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.



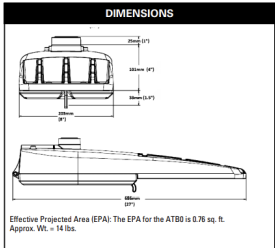
Autobahn Series ATB0 Roadway Lighting

PRODUCT OVERVIEW



Applications:

Roadways
Off ramps
Residential streets
Parking lots



STANDARDS

Designlights (emerson™) (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products list at www.dlc.com/qualified-products.

Color temperatures of ≤ 3000K must be specified for International Dark-Sky Association certification.

Rated for -40° to 40°C ambient
CSA Certified to U.S. and Canadian standards
Complies with ANSI C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

GOVERNMENT PROCUREMENT — BAA — Buy America Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DSARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BAA — Build America Buy America Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-america for additional information.

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

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Autobahn Series ATB0 Roadway Lighting

ORDERING INFORMATION

ATB0	P304	MVOLT	R3
Series	LED Performance Package		Optics
ATB0 Autobahn LED Roadway	P301 5,389 lumens nominal ¹ P302 6,943 lumens nominal ¹ P303 10,056 lumens nominal P304 12,176 lumens nominal P305 13,767 lumens nominal	P301 10,347 lumens nominal P302 12,185 lumens nominal P303 15,351 lumens nominal P304 17,714 lumens nominal P305 19,893 lumens nominal	P451 14,320 lumens nominal P452 19,087 lumens nominal P453 23,592 lumens nominal P454 25,070 lumens nominal P455 27,091 lumens nominal P456 28,347 lumens nominal P457 29,713 lumens nominal
		Voltage	
		MVOLT Multi-volt, 120V - 277V 347 347V ¹ 480 480V ¹ XVOLT 277V-480V ¹	R2 Roadway Type II R3 Roadway Type III R3L Roadway Type III Long R4 Roadway Type IV ¹ R5 Roadway Type V
Options			
Color Temperature (CCT)	Misc.	Controls.	Accessories.
(Blank) 4000K CCT, 70 CRI Min. 27K 2700K CCT, 70 CRI Min. 3K 3000K CCT, 70 CRI Min. 5K 5000K CCT, 70 CRI Min. LWAMB Limited Wavelength Amber	BL External Bubble Level HSS House-Side Shield NL Nema Label XL Not CSA Certified BAA Buy America Act and/or Build America Buy America Qualified	(Blank) 3 Pin NEMA Photocontrol Receptacle (Standard) P7 7 Pin Photocontrol Receptacle (Dimmable Driver Included) ¹ NR No Photocontrol Receptacle AO Field Adjustable Output PCSS Solid State Lighting Photocontrol (120-277V) ¹ PCLL Solid State Long Life Photocontrol SH Shorting Cap	ATB0P20K2R3L3SHSS for use with P201 - P205, R2, R3, & R5 distributions ATB0P30K3R4HSS for use with P301 - P305, R3 & R4 distributions ATB0P10K2R3L3SHSS for use with P301 - P305, R2, R3, & R5 distributions ATB0P30R3HSS for use with P301 - P305, R3 distribution ATB0P30R4HSS for use with P301 - P305, R4 distribution ATB0P45K2R3L3SHSS for use with P451 - P457, R2, R3, & R5 distributions ATB0P45R3HSS for use with P451 - P457, R3 distribution Light Trespass Shield ATB0ULS ATB0 Universal Light Trespass Shield
Paint		Packaging	Light Trespass Shield
(Blank) Gray (Standard) BK Black BZ Bronze DOB Dark Bronze G Gold WH White GN Green		(Blank) Single Unit (Standard) JP Job Pack (42/Pallet)	ATB Decorative Arms (not shown) ATBDECOR SX ATB Decorative Arm for Square Pole Painted to match fixture ATBDECOR RX ATB Decorative Arm for Round Pole Painted to match fixture
Surge Protection			Universal Arms (not shown) UMR X2 8" Horizontal Arm for Round Pole, Painted to match fixture UMS X2 8" Horizontal Arm for Square Pole, Painted to match fixture UMR GALV 8" Horizontal Arm for Round Pole, Galvanized UMS GALV 8" Horizontal Arm for Square Pole, Galvanized
(Blank) Standard 20kV/10kA SPD ¹ MP MOV Pack 10kV/5kA			
Terminal Block			
(Blank) Terminal Block (Standard) T2 Weld to L1 & L2 Position			

Notes

- Not available in 347 or 480V.
- Not available with NR.
- Not available with P651 - P657 performance packages.
- Not available with P201 performance package + 347V or 480V.
- Not available with P454 or P457 performance package options.
- Not available with XVOLT option.
- XVOLT not available with P201, P202, P456 or P457 performance packages.

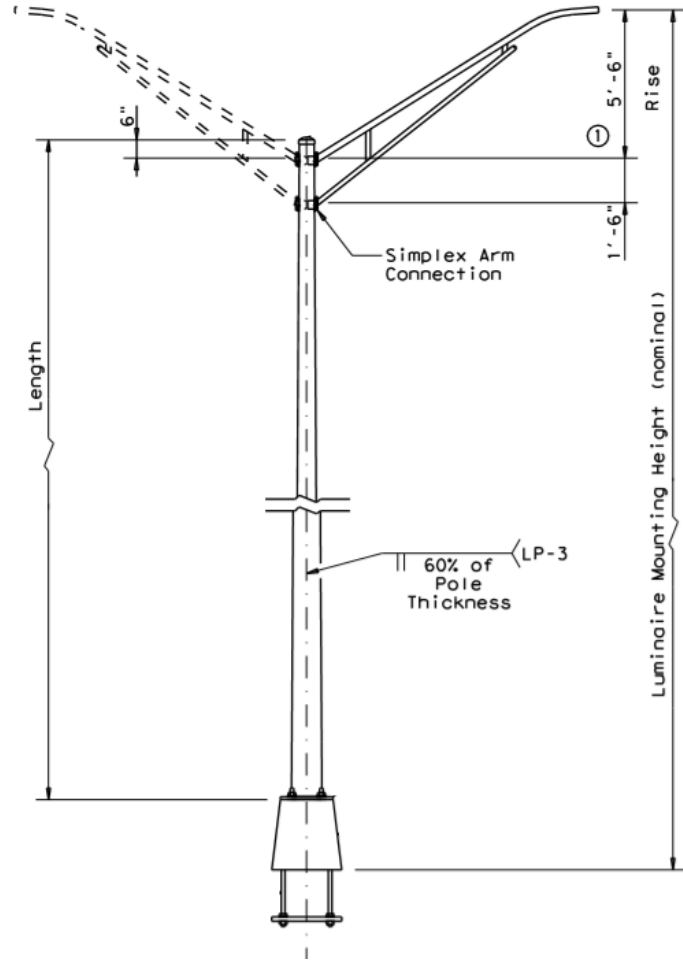


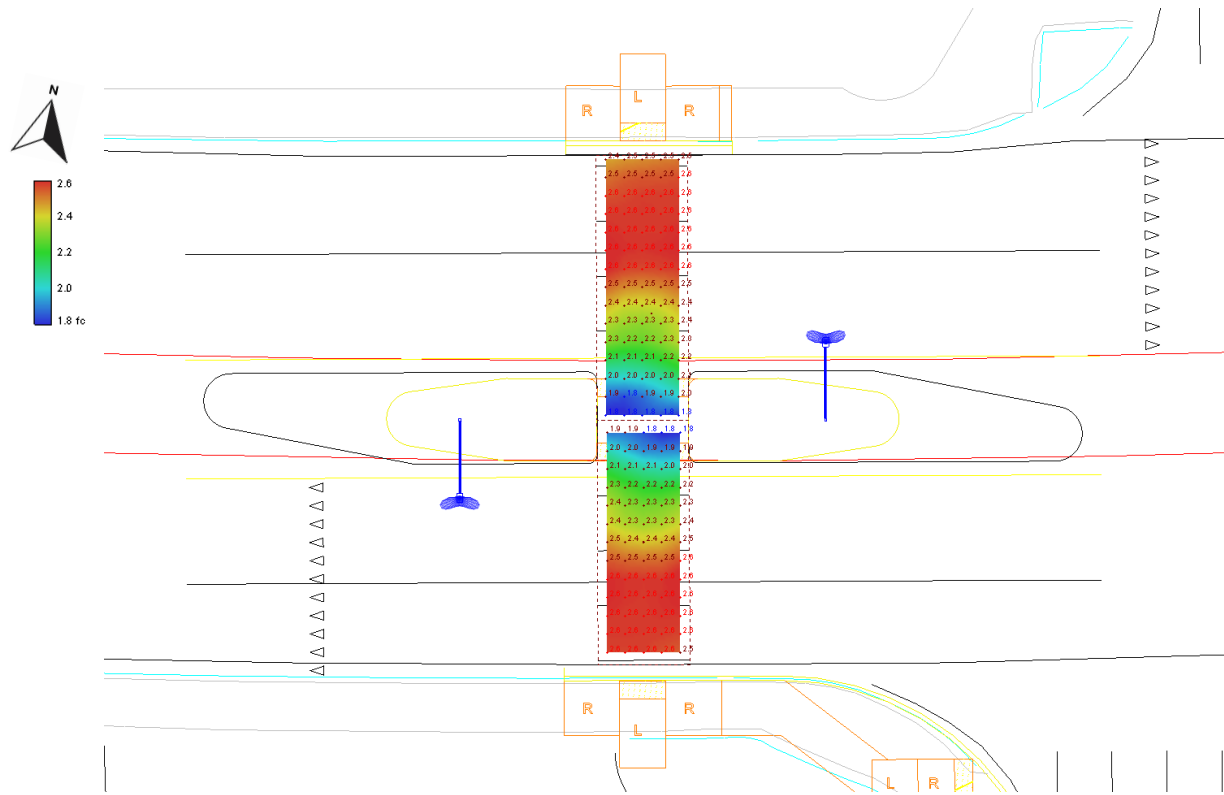
AEL Headquarters, 1 Acuity Way, Decatur, GA 30035
www.americanelectriclighting.com Phone: 1-866-HOLDPHANE
Email: TechnicalSupport@AcuityBrands.com
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Warranty Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Please contact your sales representative for the latest product information.





EB Rte 91 Horiz Illum Calc Zone

Average	2.4	fc
Maximum	2.6	fc
Minimum	1.8	fc
Max/Min	1.4:1	
Average/Min	1.3:1	

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 91 Horiz Illum Calc Zone

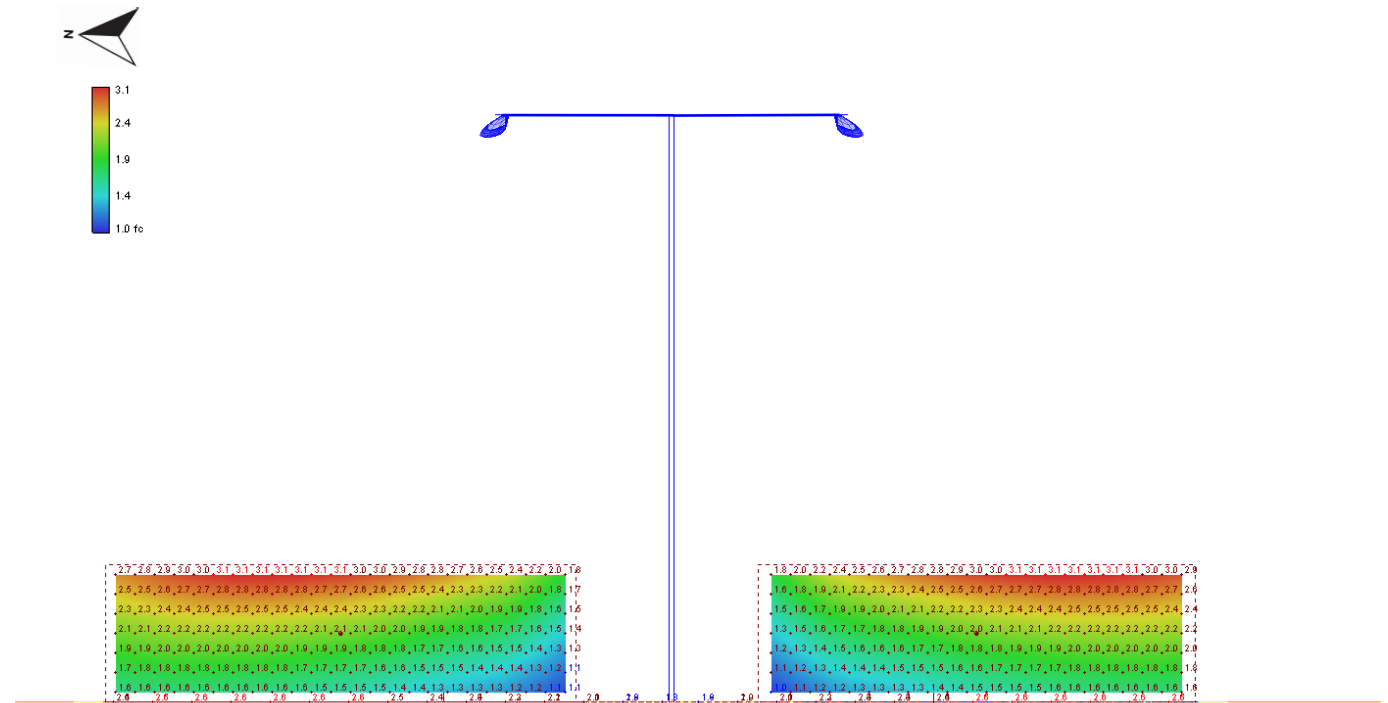
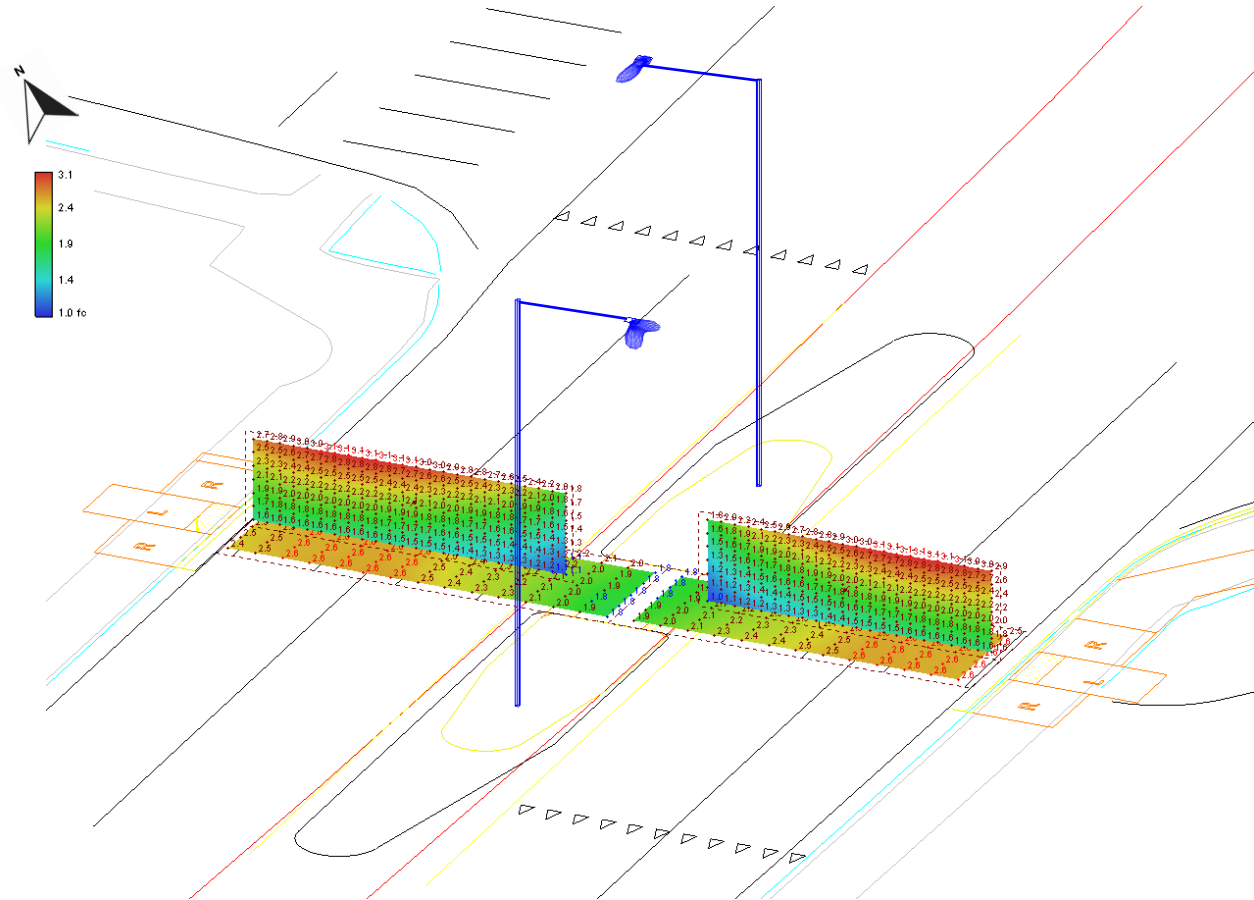
Average	2.4	fc
Maximum	2.6	fc
Minimum	1.8	fc
Max/Min	1.4:1	
Average/Min	1.3:1	

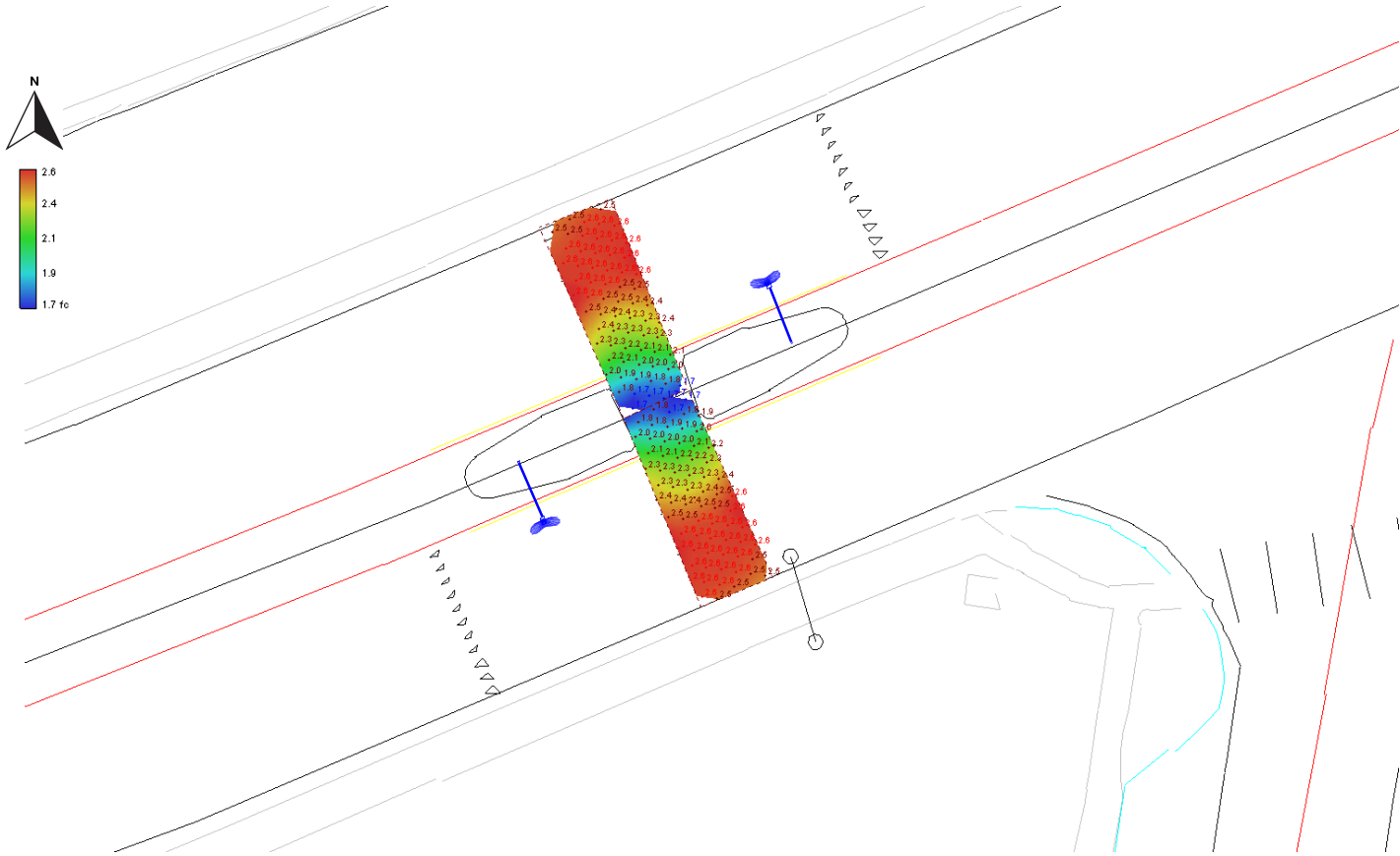
WB X-Walk Vert @ 7' Plane

Average	2.0	fc
Maximum	3.1	fc
Minimum	1.1	fc
Max/Min	2.8:1	
Average/Min	1.8:1	

Source: RP-8-14, Table 8 - Illumination for Intersections				
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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.





NEB Rte 91 Horiz Illum Calc Zone

Average	2.3	fc
Maximum	2.6	fc
Minimum	1.7	fc
Max/Min	1.5:1	
Average/Min	1.4:1	

NEB X-Walk Vert @7' Plane

Average	2.1	fc
Maximum	3.1	fc
Minimum	1.1	fc
Max/Min	2.8:1	
Average/Min	1.9:1	

SWB Rte 91 Horiz Illum Calc Zone

Average	2.3	fc
Maximum	2.6	fc
Minimum	1.7	fc
Max/Min	1.5:1	
Average/Min	1.4:1	

SWB X-Walk Vert @ 7' Plane

Average	2.1	fc
Maximum	3.2	fc
Minimum	1.1	fc
Max/Min	2.9:1	
Average/Min	1.9:1	

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}
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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.

