

APPENDIX 10

Post Process TxLED Adjustments

The following table provides the TxLED reduction and the adjustment factors for the years 2017, 2021, 2025, 2035, and 2040. These factors were calculated using MOVES2014a and the July 2014 TXDMV registration, which it is the latest available.

The source for these reduction factors is Texas A&M TTI, March 2016. TTI used the TxLED factor procedure from TCEQ (available in “mvs14-statewide-txled-analysis-06-12-17-18.zip” found at: <ftp://amdaftp.tceq.texas.gov/pub/EI/onroad/txled/>) in combination with the latest available data (i.e., statewide age distributions based on the latest available mid-year 2014 TxDMV vehicle registrations), and MOVES2014a (November 2016 update).

Source Use Type	2017 Reduction	2021 Reduction	2025 Reduction	2035 Reduction	2040 Reduction	2017 Factor	2021 Factor	2025 Factor	2035 Factor	2040 Factor
Passenger Car	5.17%	4.92%	4.84%	4.80%	4.80%	0.9483	0.9508	0.9516	0.952	0.952
Passenger Truck	5.08%	4.97%	4.90%	4.80%	4.80%	0.9492	0.9503	0.9510	0.952	0.952
Light Commercial Truck	5.35%	5.20%	5.09%	4.80%	4.80%	0.9465	0.9480	0.9491	0.952	0.952
Intercity Bus	5.69%	5.56%	5.45%	4.80%	4.80%	0.9431	0.9444	0.9455	0.952	0.952
Transit Bus	5.66%	5.47%	5.32%	4.80%	4.80%	0.9434	0.9453	0.9468	0.952	0.952
School Bus	5.67%	5.52%	5.37%	4.80%	4.80%	0.9433	0.9448	0.9463	0.952	0.952
Refuse Truck	5.38%	5.13%	4.96%	4.80%	4.80%	0.9462	0.9487	0.9504	0.952	0.952
Single Unit Short-Haul Truck	4.89%	4.84%	4.82%	4.80%	4.80%	0.9511	0.9516	0.9518	0.952	0.952
Single Unit Long-Haul Truck	4.90%	4.85%	4.83%	4.80%	4.80%	0.9510	0.9515	0.9517	0.952	0.952
Motor Home	5.38%	5.26%	5.19%	4.80%	4.80%	0.9462	0.9474	0.9481	0.952	0.952
Combination Short-Haul Truck	5.19%	5.05%	4.92%	4.80%	4.80%	0.9481	0.9495	0.9508	0.952	0.952
Combination Long-Haul Truck	5.26%	5.05%	4.91%	4.80%	4.80%	0.9474	0.9495	0.9509	0.952	0.952