Outdoor Lighting Research

Municipality	Do outdoor lights put in before the ordinance get grandfathered in?	Are there exceptions?	What is required of private outdoor lighting ?	What is required of public street lighting?	Max Lumens	Max Mounting Height	Maximum Color Temperature	Max Footcandles
Middleton	Yes, but If a property or use with nonconforming lighting is seeking a minor addition, all new outdoor lighting shall be reviewed and brought into compliance	Yes, there are exceptions for vehicle sales and gas stations and open parking facilities , however they must still follow thee Illuminating Engineering Society of North America (IESNA).	Facing downward establishes maximum footcandles minimum setbacks requires LED establishes max lumen, mounting height, and color temperature for all zoning districts	All public street lighting shall comply to the extent possible consistent with professionally acceptable traffic engineering standards	4,000 Lumens	8-30 ft varying based on zoning district	3,000-4,000K CCT	1.0 residential 2.5 nonresidential
Fitchburg	Yes, code is only applicable to new outdoor lighting in new developments, buildings, additions, and structures requiring an architectural control approval	Yes- lighting for one and two family dwellings holiday lighting right-of-way lighting for public streetlights lighting for festivals	Light should be sheilded and directed downward maximum footcandles no lights mounted above the parapet	None	N/A	not mounted above the parapet	N/A	.5 footcandles
New Glarus	Yes but all replacement fixtures shall fully comply with new requirements	Yes, lighting in public right-of-way is not included in standards	shielded and orineted away from residential areas maximum fixture height intensity of illumination hours of illumination	None	N/A	15-35 varying on zoning district	N/A	.5 footcandles
Lake Geneva	Yes, but encourage nonconforming to be extinguished by 11:00 pm	Yes, lighting in public right-of-way is not included in standards in addition to lighting for FAA and communictation towers, doorway lighting, security lighting	Shielded max intensity max light output max height	None	10,000 lumens for residential and 50,000 lumens for nonresidential	8-30 ft varying based on zoning district	N/A	N/A