

## **ORDINANCE NO. 1236**

AN ORDINANCE OF THE CITY OF LANSING, MICHIGAN, TO AMEND CHAPTER 1284, SECTION 1284.20, OF THE LANSING CODIFIED ORDINANCES BY PROVIDING FURTHER GUIDELINES, REQUIREMENTS, AND EXEMPTIONS FOR LIGHTING IN AREAS OF OFF-STREET PARKING.

THE CITY OF LANSING ORDAINS:

Section 1. That Chapter 1284, SECTION 1284.20, of the Codified Ordinances of the City of Lansing, Michigan, be and is hereby amended to read as follows:

1284.20. – Lighting.

~~All lighting used to illuminate any off-street parking area shall be so installed as to be confined within and directed onto the parking area only.~~ UNLESS OTHERWISE EXEMPTED BY THIS SECTION, ALL LIGHTING MUST COMPLY WITH THE FOLLOWING STANDARDS:

(a) MINIMUM LIGHTING STANDARDS:

- (1) EXTERIOR LIGHTING, IN COMPLIANCE WITH THE STANDARDS OF THIS SECTION, MUST BE PROVIDED IN ALL PARKING LOTS DESIGNED FOR THE PARKING OF MORE THAN FIVE (5) VEHICLES AND FOR ALL LOADING AND UNLOADING AREAS ON COMMERCIAL OR INDUSTRIAL SITES.
- (2) ADEQUATE LIGHTING SHOULD BE PROVIDED TO COVER THE ENTIRE PARKING LOT, AND APPLICABLE LOADING AND UNLOADING AREAS. LIGHTING SHALL BE EVEN, AND “HOT” AND “COLD” SPOTS ARE TO BE AVOIDED. SUCH LIGHTING MAY NOT EXCEED THE LIMITATIONS SET FORTH IN SUB-SECTION (b), AND MUST BE PROVIDED, EVEN IF THE SITE IS NOT CURRENTLY OCCUPIED. SHOULD AN OCCUPANCY SENSOR BE INSTALLED, THE MINIMUM DURATION OF ILLUMINATION FOR EACH SUCH SENSOR SHALL BE TEN (10) CONTINUOUS MINUTES WITHOUT SENSING MOTION AND THE MAXIMUM DURATION OF ILLUMINATION SHALL NOT EXCEED THIRTY (30) CONTINUOUS MINUTES WITHOUT SENSING MOTION. A SENSOR MUST DETECT HUMAN FIGURE MOTION.

(b) MAXIMUM LIGHTING STANDARDS:

- (1) ALL LIGHTING, INCLUDING LIGHTS VISIBLE THROUGH A WINDOW, SHALL BE FULLY SHIELDED AND DIRECTED DOWNWARD TO PREVENT OFF-SITE GLARE.
- (2) THE INTENSITY OF LIGHTS SHALL NOT EXCEED 5 FOOTCANDLES WITHIN ANY SITE, EXCEPT A MAXIMUM OF 10 FOOTCANDLES IS PERMITTED WITHIN SITES USED AS GASOLINE STATIONS OR

AUTOMOBILE DEALERSHIPS AS LONG AS THE LIGHT INTENSITY DOES NOT EXCEED THE ALLOWABLE INTENSITIES AT THE PROPERTY LINE.

- (3) FOR SITES ABUTTING A RESIDENTIAL ZONE OR USE, THE INTENSITY OF LIGHT CANNOT EXCEED 0.5 FOOTCANDLES AT THE PROPERTY LINE.
- (4) THE MAXIMUM HEIGHT OF PARKING LOT LIGHT FIXTURES SHALL BE 35 FEET.
- (5) LUMINOUS-TUBE AND EXPOSED-BULB FLUORESCENT LIGHTING IS PROHIBITED AS AN ARCHITECTURAL DETAIL ON ALL BUILDINGS, E.G. ALONG THE ROOF LINE AND EAVES, AROUND WINDOWS, ETC.

(c) EXEMPTIONS.

THE FOLLOWING ARE EXEMPT FROM THE LIGHTING REQUIREMENTS OF THIS SECTION, EXCEPT THAT THE ZONING ADMINISTRATOR MAY TAKE STEPS TO ELIMINATE THE IMPACT OF LIGHTS FOR THE EXEMPTED USES WHEN DEEMED NECESSARY TO PROTECT THE HEALTH, SAFETY AND WELFARE OF THE PUBLIC:

- (1) SPORTS FIELD LIGHTING, IN USE NO LATER THAN 11:00 P.M., PROVIDED SUCH LIGHTING IS LOCATED AT LEAST 1,000 FEET AWAY FROM ANY EXISTING RESIDENTIAL ZONE OR USE. OTHER SPORTS FIELD LIGHTING MAY BE APPROVED BY THE PLANNING OFFICE AFTER A DETERMINATION THAT COMPLIANCE WITH THE STANDARDS IN THIS SECTION HAVE BEEN MET TO THE GREATEST EXTENT POSSIBLE, AND THAT ALL EFFORTS POSSIBLE WERE MADE TO MINIMIZE ANY NEGATIVE IMPACTS TO SURROUNDING USES.
- (2) SHIELDED PEDESTRIAN WALKWAY LIGHTING.
- (3) STREET LIGHTS.
- (4) PUBLIC RECREATIONAL FACILITIES, NOT INCLUDING THE PARKING LOTS FOR PUBLIC RECREATIONAL FACILITIES.

Section 2. All ordinances, resolutions or rules, parts of ordinances, resolutions or rules, inconsistent with the provisions hereof are hereby repealed in their entirety and shall be void and of no effect.

Section 3. Should any section, clause or phrase of this ordinance be declared to be invalid, the same shall not affect the validity of the ordinance as a whole, or any part thereof other than the part so declared to be invalid.

Section 4. This ordinance shall take effect on the 30th day after enactment, unless given immediate effect by City Council, AND SHALL EXPIRE ON DECEMBER 31, 2027.