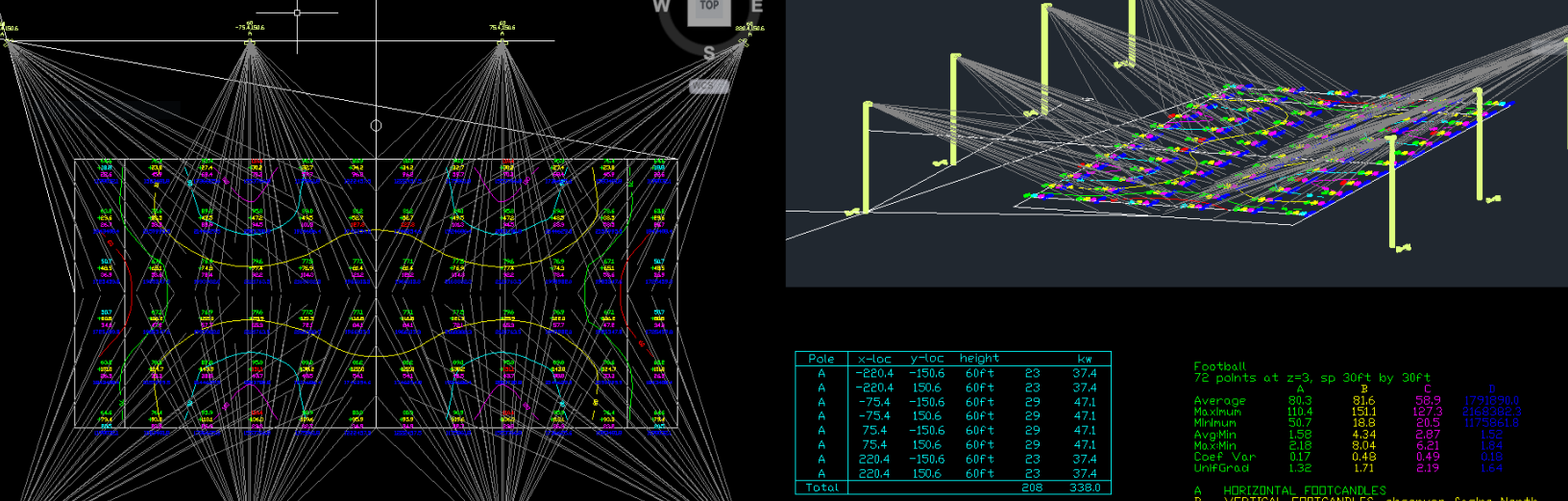




Lighting Design Software

Create sports field, roadway and other
external lighting designs quickly



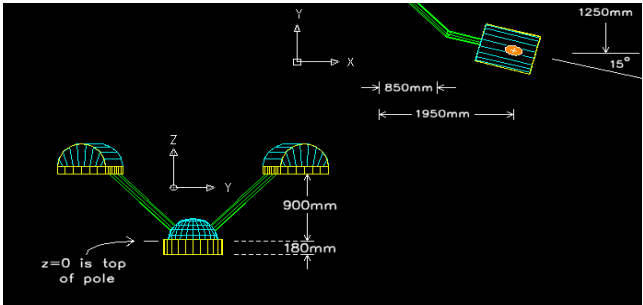
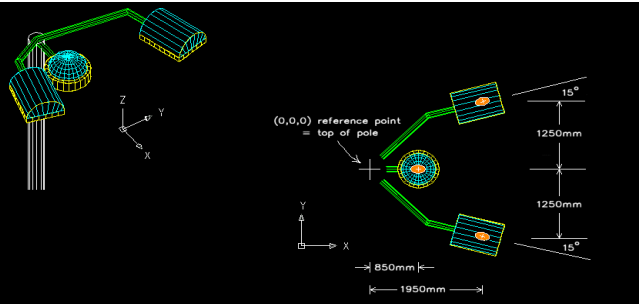
AutoLUX is a powerful CAD-based software for creating lighting schemes for sports fields, roadways, and other outdoor spaces. With AutoLUX's sports field and roadway templates you can quickly generate drawings, and its full-featured Lighting Calculations Engine will dynamically

generate light levels from the photometric data files supplied for your luminaire symbols. Luminaires and target points enter the drawing as CAD entities—once inserted in your designs, photometry files and other necessary data are stored with each symbol.

Benefits

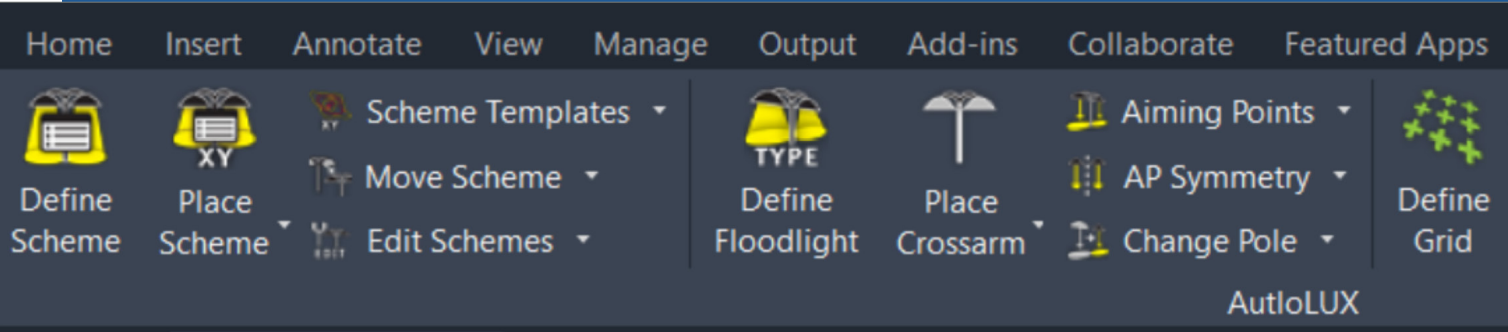
Save time with sports field and roadway shortcuts

The Sports shortcut constructs popular sports field outlines and target grids at the click of a button. The Roadway shortcut constructs roadway lighting layouts based on industry standards—choose from: IESNA, BS5489 or CEN.



Experience seamless integration with AutoCAD

AutoLUX retains the full power of AutoCAD, with luminaires and target points enter the drawing as CAD entities. AutoLUX uses information in CANDela files to produce legend / fixture schedules, and accepts photometry in IES, CIBSE TM14, EULUMDAT, CIE, or INR format.



Features

Determine Roadway Lighting Parameters

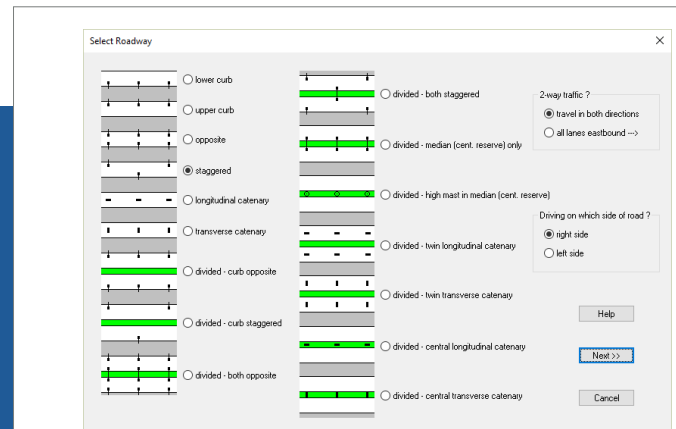
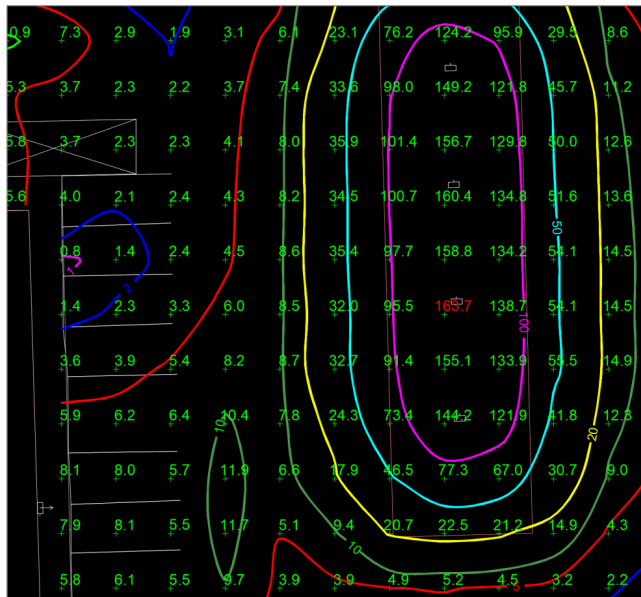
Choose from 15 different standard roadway lighting layouts—6 with a single lane/road, and 9 with a dual lane/road (median-divided)—and quickly evaluate their performance for your plan.

Create Drawings of Common Sports Facilities

AutoLUX features automatic creation of drawings of commonly used sports facilities, along with the optional production of the target grids for light level calculations.

Calculate Illuminance and Luminance levels

Calculations by the Lighting Calculations Engine (LCE) include horizontal and vertical illuminance, as well as roadway and veiling luminance. You can set various styles and options for the calculated values.



Create and Import Custom Symbols

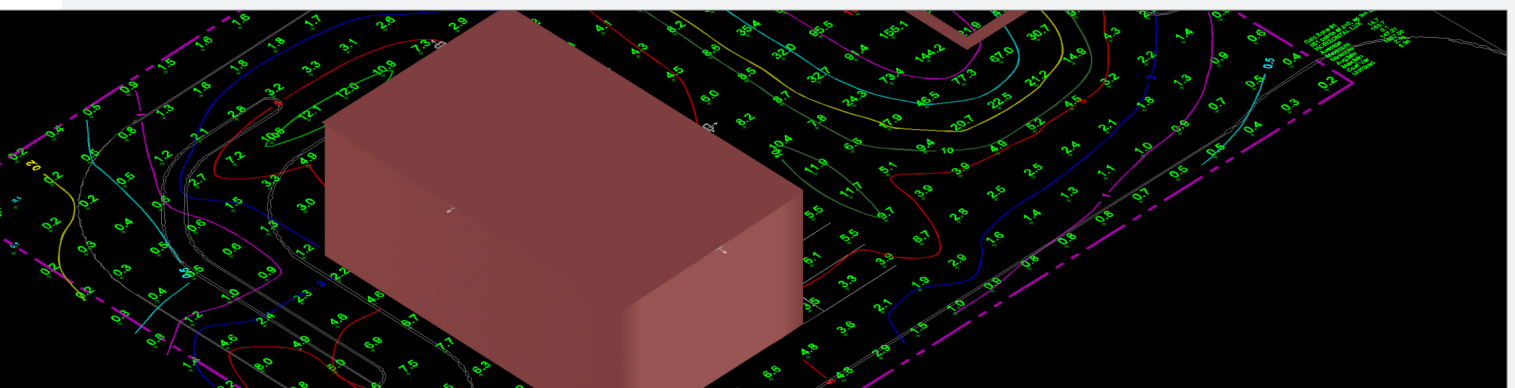
Create your own custom symbols if you want to improve existing symbols to support a better visual effect.

Modify Vertical and Planar Calculations

AutoLUX accounts for obstructions that block light and adjusts both planar and vertical calculations where obstructions occur. Obstructions can be introduced in your drawing as 3D FACES, solids, extruded circles, or other simple extrusions from line or arc geometry.

View High Level Calculations as Points and Contours

AutoLUX plots light levels as numbers on a grid. It also supports fully customizable colored contours. Use the draggable iso templates to create contour isoplots when all grid points must be at or above a specified minimum value.



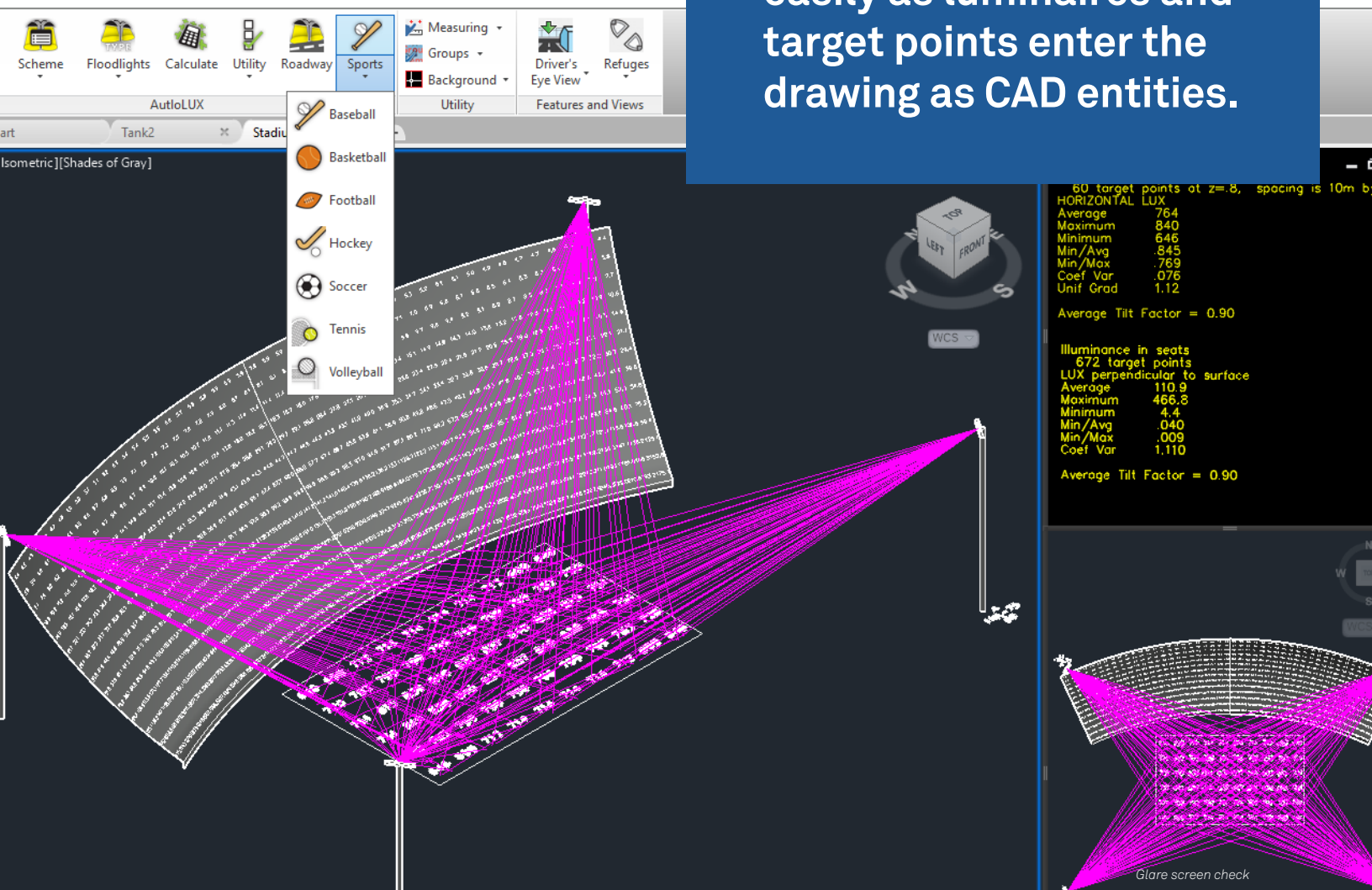
Platform Requirements

Supports the current and three previous versions of AutoCAD series of products.

System Requirements

- Full support 64-bit operating systems
- Workstation: Windows® 10 or 11 (version 1809 or higher)
- Network: Windows® Server 2016 and 2019

AutoLUX helps you create sports field, roadway and other external lighting designs quickly and easily as luminaires and target points enter the drawing as CAD entities.



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to learn more

