



10268 W. Centennial Road, Suite 202 Littleton, Colorado 80127 USA
info@agi32.com www.agi32.com t.303.972.8852 f.303.972.8851

Prerequisite experience, knowledge and skills for the AGi32 Intermediate Roadway Class

The AGi32 Intermediate Roadway Class is a two-day course. A minimum level of lighting knowledge and AGi32 skill are course prerequisites. Prior to signing up for the AGi32 Roadway Class, you should already have this combination of experience, knowledge and skills:

- Experience (*one* of the following):
 - Attended AGi32 Introductory course
 - Attended AGi32 Basic course at Lightfair
 - Used the program *extensively* for at least two months
- AGi32 Skills:
 - Import a CAD file
 - Select luminaires from Instabase
 - Place luminaires with the various methods available
 - Familiarity with basic luminaire operations: Array, Move, Copy, Re-aim, Re-orient, Delete
 - Create basic Rooms and Objects
 - Place calculation grids on a surface (Automatic Placement command)
 - Place calculation grids in free space (not on a surface), horizontal or vertical
 - Basic understanding of Project Manager
 - Basic navigation skills in Render Mode
- General lighting knowledge:
 - Understand the components of a photometric report
 - Understand basic lighting terminology, including illuminance, luminance, intensity, candelas, footcandles, lux, reflectance, specular reflection, diffuse reflection
 - Understand roadway lighting design techniques and terminology, including R-Tables, pavement luminance, veiling luminance, and max veiling luminance ratio
 - Have a *basic* familiarity with IES documents RP-8 (Recommended Practice for Roadway Lighting), RP-22 (tunnels), and DG-19 (roundabouts)

Note: Those with little or no AGi32 experience can gain some quick experience with the program by working through two of our tutorials. They are included with AGi32 (find in Help – Contents and Index). The tutorials that will be most helpful are Instant Gratification and Site Lighting. It is not necessary to do the Roadway Calculations or Roadway Optimizer tutorials; we will cover those skills in class. There are also several short videos on our website (www.agi32.com) that can help you to gain basic skills with the software.

If you have any questions regarding the prerequisites for this course, please contact Lighting Analysts, info@agi32.com.