AGi32 version 19  Model Mode

Common Toolbar

Viewpoints Toolbar

Mode Tabs & Control Toolbar

Menus from Control Toolbar

Design Tools  Daylight  Raytrace  Calculate  Project Mgr.
Room Estimator... Daylight Study... Daylight Study Image and Data Folder... Daylight Annual Simulation...
Roadway Optimizer... Daylight Settings On-Off... Daylight Study Image Folder...
Daylight Annual Simulation...
Full Radiosity Method... Direct Only Method...
Radiosity Stopping Criterion...
Adaptive Subdivision...
Radiosity Stopping Criterion...
Batch Processor...
Calculation Summary...
AGi32 version 19  Model Mode
Calculations Toolkit

**Model Toolkit**
- Luminaire
- Rooms/Objects
- Drawing/Schedules

**Calculations**
- **Automatic Placement**
  - Automatically place calculation points
  - Place a rectangular grid of calculation points
    - using 2 point input (orthogonal)
    - using 3 point input (angle)
  - Place a line of calculation points
  - Place a polygon of calculation points (any shape)
  - Place calculation points at random
  - Place Daylight Factor calculation points
  - Place Glare Rating calculation points

- **Obtrusive Light Calculations**
  - Obtrusive Light Compliance Test
  - Place Intensity & Illuminance grid
  - Toggle between intensity and offending luminaire number
  - Place Threshold Increment grid
  - Place Roadway Luminance calculation points
  - Place UGR calculation points
  - Delete calculation point grids (SWA)
  - Edit calculation point grid
  - Move calculation point grid

- **Label calculation point grids**
  - Delete labels
  - Move labels

- **Remove calculation points (masking)**
- **Remove by selection type**
- **Remove by selecting an entity type**
- **Replace removed calculation points (SWA)**
- **Place Statistical Area**
- **Delete Statistical Area (SWA)**
- **Edit Statistical Area**
- **Move Statistical Area label**
- **Add LPD Area**
- **Delete LPD Area (SWA)**
- **Edit LPD Area**
- **Move LPD Area label**
- **Add Isolines**
- **Add calculated value highlighting (ranges)**

(SWA) - Select by: Single, Window, All
AGi32 version 19  
Model Mode

Drawing/Schedules Toolkit

Line: Width  Pixel  ft  Line Width (pixel or scaled ft/m)
| COLOR | Line Color
| SOLID | Line Type

Draw Arc
Place Axis (coordinates)
Add Block
Draw Circle
Draw 3D Box (not an object)
Dimension
Draw Line
Draw Rectangle
Array Lines (SWA)
Copy drawing entities (SWA)
Create Block
Create Luminaire Symbol (model mode) (SWA)
Delete drawing entity (SWA)
Explode drawing entity (SWA)
Mirror drawing entity (SWA)
Move drawing entity (SWA)
Edit drawing entity (SWA)
Rotate drawing entity (SWA)
Scale drawing entity (SWA)
Add Text
Edit Text
Add Schedule
Edit Schedule

(SWA) - Select by: Single, Window, All

Status Bar (bottom of screen)

Command Line (bottom left of screen)
Coordinate Display (X,Y,Z)
Toolkit switch (click to hide/unhide)
Statistics Window switch (click to hide/unhide)
Hint Window switch (click to hide/unhide)
Background Images (click to enable/disable)
Settings for Background Images
Units Display and access
Design Isolines switch (click to enable/disable)
Settings for Design Isolines
Snap On/Off and Setting (F3)
Ortho On/Off (F8)
Snap To selections (click to disable/enable)
Snap To status and settings (F3)
Redraw Display (green is current)
AGi32 version 19

Function Keys

Mouse Functions

Left click: Select
Right click: Accept selection
Center (wheel): Scroll - Zoom
Press+Hold+Drag - Pan
Shift+Press+Hold+Drag - Orbit

Keyboard Shortcuts

Keystroke | Model | Render | Page Builder
---|---|---|---
Left Arrow | Pan left | Interactive-drag mouse left | Pan left
Right Arrow | Pan right | Interactive-drag mouse right | Pan right
Up Arrow | Pan up | Interactive-drag mouse up | Pan up
Down Arrow | Pan down | Interactive-drag mouse down | Pan down
Shift+ Left Arrow | Rotate Isometric+5 degrees | Slows Interactive action | •
Shift+ Right Arrow | Rotate Isometric-5 degrees | Slows Interactive action | •
Shift+ Up Arrow | Tilt Isometric-5 degrees | Slows Interactive action | •
Shift+ Down Arrow | Tilt Isometric+5 degrees | Slows Interactive action | •
Ctrl+Left Arrow | • | • | Pan Viewport left
Ctrl+Right Arrow | • | • | Pan Viewport right
Ctrl+Up Arrow | • | • | Pan Viewport up
Ctrl+Down Arrow | • | • | Pan Viewport down
Alt+ Up/Down Arrow | Dynamic Luminaire Tilt adjustment (+/-) | • | •
Alt+ Left/Right Arrow | Dynamic Luminaire Roll adjustment (+/-) | • | •
Shift+Alt+ Left/Right Arrow | Dynamic Luminaire Spin adjustment (+/-) | • | •
Shift+Ctrl & hold | Locate multiple aiming points from one location | • | •

Keypad Shortcuts (cntd.)

Keystroke | Model | Render | Page Builder
---|---|---|---
Ctrl+Shift+Left Arrow | • | Speeds Interactive action | •
Ctrl+Shift+Right Arrow | • | Speeds Interactive action | •
Ctrl+Shift+Up Arrow | Increase schedule size | Speeds Interactive action | •
Ctrl+Shift+Down Arrow | Decrease schedule size | Speeds Interactive action | •
Page Up | Increase Z by snap value | • | Increase Z by snap value
Page Down | Decrease Z by snap value | • | Decrease Z by snap value
Ctrl+Page Up | • | Next page
Ctrl+Page Down | • | Previous page
Home | Zoom in | • | Zoom in
End | Zoom out | • | Zoom out
Ctrl+Home | • | • | Zoom in Viewport
Ctrl+End | • | • | Zoom out Viewport
Ctrl+A | Add luminaire | • | •
Ctrl+C | Copy (limited) | Copy (limited) | •
Ctrl+D | • | • | Toggle Viewport visibility
Ctrl+F | Parametric mirror Off | • | •
Ctrl+L | Lock Report | • | •
Ctrl+N | Parametric mirror On | • | •
Ctrl+O | File Open | File Open | File Open
Ctrl+P | File Print | File Print | File Print
Ctrl+S | File Save | File Save | File Save
Ctrl+U | • | • | Unlock Report
Ctrl+V | • | • | Paste to Imageport or Background Image
Ctrl+W | • | • | Open Viewpoints
Ctrl+Y | Redo | Redo | Redo
Ctrl+Z | Undo | • | Undo
Esc | Cancel | Cancel | Cancel
Enter number | • | • | Set Eye & Focus
Shift & hold | Select luminaire Z filter | • | •
Ctrl & hold | Disable parametric mirror | • | •