





Make the import DWG entities undeditable

- 1. In the Layer Manager left-click on the pencil on Layer **0** under the **Parking.DWG** layer group.
- 2. A gray pencil indicates an **Uneditable** state for the layer. The entities on the screen will displayed as gray.





Luminaire Schedule Change the luminaire symbol 9 Az₽ Sort 1. Move your mouse over the luminaire symbol to display the Edit button Lithonia Lighting 🚺 Luminaire Edito 2. Click the **Edit** button to launch the Luminaire Editor Symbol Model 3. Click the Symbol button to launch the Symbol Gallery 4. In Symbol Gallery select the Circular symbol - 270 Hold the CTRL key to selec Symbols File Folder: 📙 Luminaires - 📙 СМ



x





Add another luminaire to the schedule

- 1. Click the **New** button to launch the Product Selection dialog
- Navigate the Acuity Brands database to the \Lithonia Lighting\Outdoor\Area Lighting\LED Area\MR2-LED folder
- 3. Select MR2 LED 2 30B700/40K MVOLT SR4
- 4. Select **OK** to add to the luminaire schedule



MR2 LED 2 30B700/40K MVOLT SR4

















Place a luminaire in the main parking area. Minimum illuminance criteria for the main parking area is .5fc.

1. Turn ON the **Intersection** osnap to assist selecting the intersection of the parking lines.

2. Locate the **C** luminaire at the north side of the main parking area near the first island.



Place additional luminaires in the main parking area.

 As you locate the next luminaire, verify that the .25fc (blue) template lines properly overlap to guarantee a .5fc minimum between luminaires. (Tip: Locate the luminaires on the intersection of the parking lines)



2. While placing luminaires the statusbar displays the relative coordinates, distance and angle from the last placed luminaire.

Place a luminaire on the south perimeter of the main parking area.

- 1. Select the **A** luminaire from Luminaire List to place at the south perimeter.
- 2. If the **.25fc** template lines does not overlap then another luminaire type is required.



Place a luminaire on the south perimeter of the main parking area.

- 1. Select the **B** luminaire from Luminaire List to place at the south perimeter.
- 2. If the **.25fc** template lines overlap then the a **.5fc** minimum criteria will be meet.



Status Check: The design should look like the drawing to the right





Copy luminaires into the main parking area.

- 1. Turn ON only the **Luminaire** osnap to locate the center of an existing luminaire.
- 2. Select the center of the luminaire as the **Base Point** for copying.



Copy luminaires into the main parking area.

- 1. Turn on the **Orthogonal** snap to assist with copying _ the luminaires.
- 2. Continue to copy luminaires until the main parking area meets the .5fc minimum (Tip: You may need to zoom in with the mouse-wheel to place the luminaires on the parking lines



Place luminaires in the parking areas and drive lane around the building.

- 1. Select the **Place** command and then select the **B** luminaire from the Luminaire List
- 2. Change the **Orientation** to **180** so the luminaire is pointing towards the building.
- 3. Continue placing the **B** luminaires around the perimeter, changing the orientation to point towards the building





Construct the building

1. Before starting the construction of the building, turn off the luminaire templates to limit screen clutter.





Construct the building

- 1. Right-click to close the building when you have reached the last coordinate connected to the first coordinate.
- 2. The building should look like the drawing to the right.









Mask the Calculation Zone under the building

1. Select the floor of the building as the surface to use for the mask zone. Right-click to complete command.

2. The building should look like the drawing to the right.



Insert Statistical Zone in the drive lane

- 1. Select the Statistical Zone Rectangular
- 2. Select the Entire Area calculation zone
- 3. Draw a **Statistical Zone** to include the two middle drive lanes



Insert Statistical Zone for the front parking area

- 1. Select the Statistical Zone Rectangular
- 2. Select the Entire Area calculation zone
- 3. Draw a **Statistical Zone** to include the front parking area

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Hide the calculation points

1. In the Layer Manager, change the Calculation Zone layer to Invisible



Insert a polygonal solid to represent the parking area

- 1. Select the **Polygonal Solid** command.
- 2. Enter a Name of Parking.
- 3. Select a color of dark gray reflectance 10%.
- 4. Construct a polygonal solid around the entire site.



Click the Render button to generate a rendering of this lighting design.



