

BIM FILE TUTORIAL

Please note that we are currently using a generic IES file in our Revit models for Sketch, as the IES files for each module become available we will update the BIM files.

Making a circle assembly

1.0 Go to the ceiling plan view of your revit project.

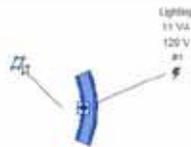
2.0 Load a circle section family in the project by selecting Load Family. Choose an rfa file(say Lighting-Recessed-Axis_Lighting-Sketch-Circle_Section-DF.rfa; Type: D05). Since all Sketch lighting fixtures are face-based, select "Place on face" before placing the family on the ceiling.



3.0 Place the family on the face of the ceiling.



4.0 To make a circle assembly, select the element. When the element has been selected, the Modify/Lighting Fixtures on the Contextual Tab will highlight.

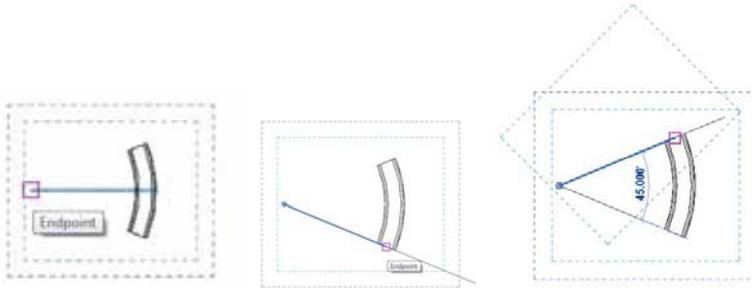


5.0 Select the  button on the ribbon to activate the Array command.

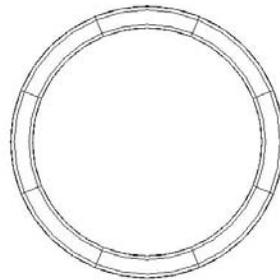


Select the following on the Options Bar:  (Radial Button) > Number: 8 > Move to: 2nd > Center of Rotation: Place

6.0 Hover over the element. Select the center/endpoint of the imaginary blue line, then the midpoint/endpoint of the arc then the upper midpoint/endpoint of the arc.



7.0 The Sketch Circle Fixture is now assembled.



8.0 Number of parts in the following Types for the Circle Assembly

- 8.1 D03 = 4
- 8.2 D05 = 8
- 8.3 D08 = 12
- 8.4 D13 = 8
- 8.5 D18 = 8
- 8.6 D23 = 12