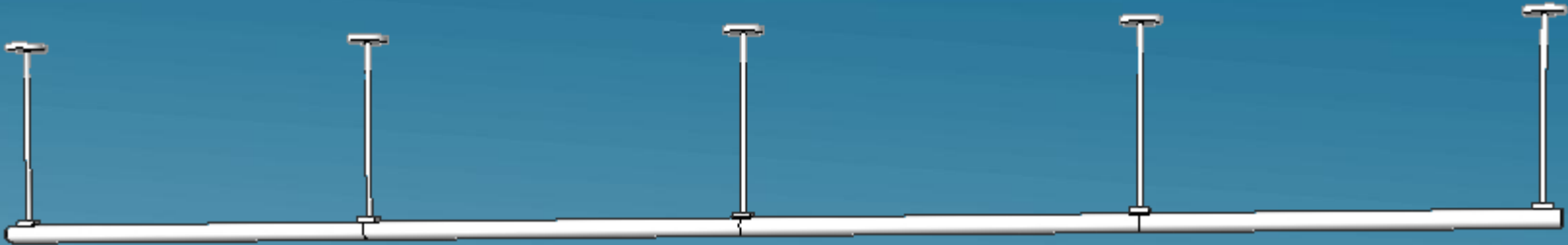


Building Continuous Rows



Our Revit family files are initially set for individual luminaires. If you wish to make rows, you can easily adjust the mounting components using the luminaire file's instance parameters.

Here's how, showing our F140 as an example.



Load and place a luminaire in your project file. Note that right and left are named when viewed from the front of the light fixture. Hence, what appears right when viewed from the back side is actually left.

Figure 1: 3D View

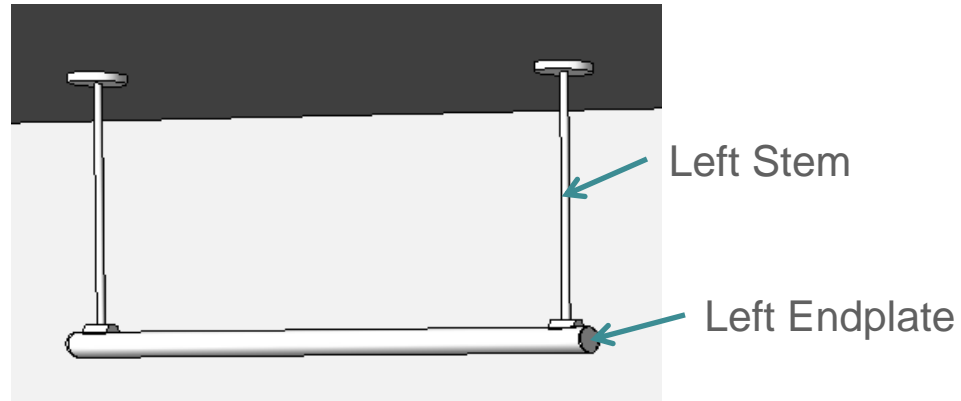


Figure 2: Ceiling Plan View Level 1

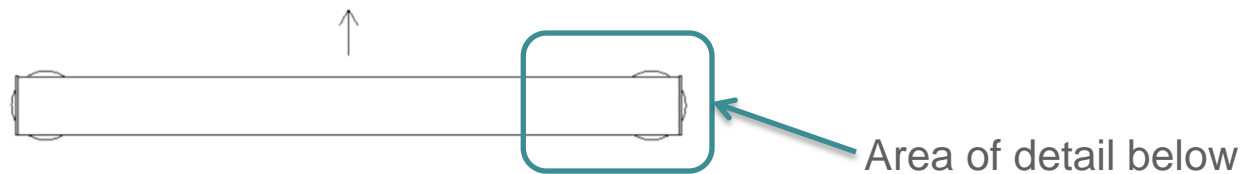
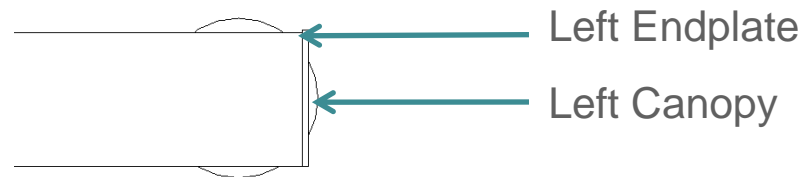
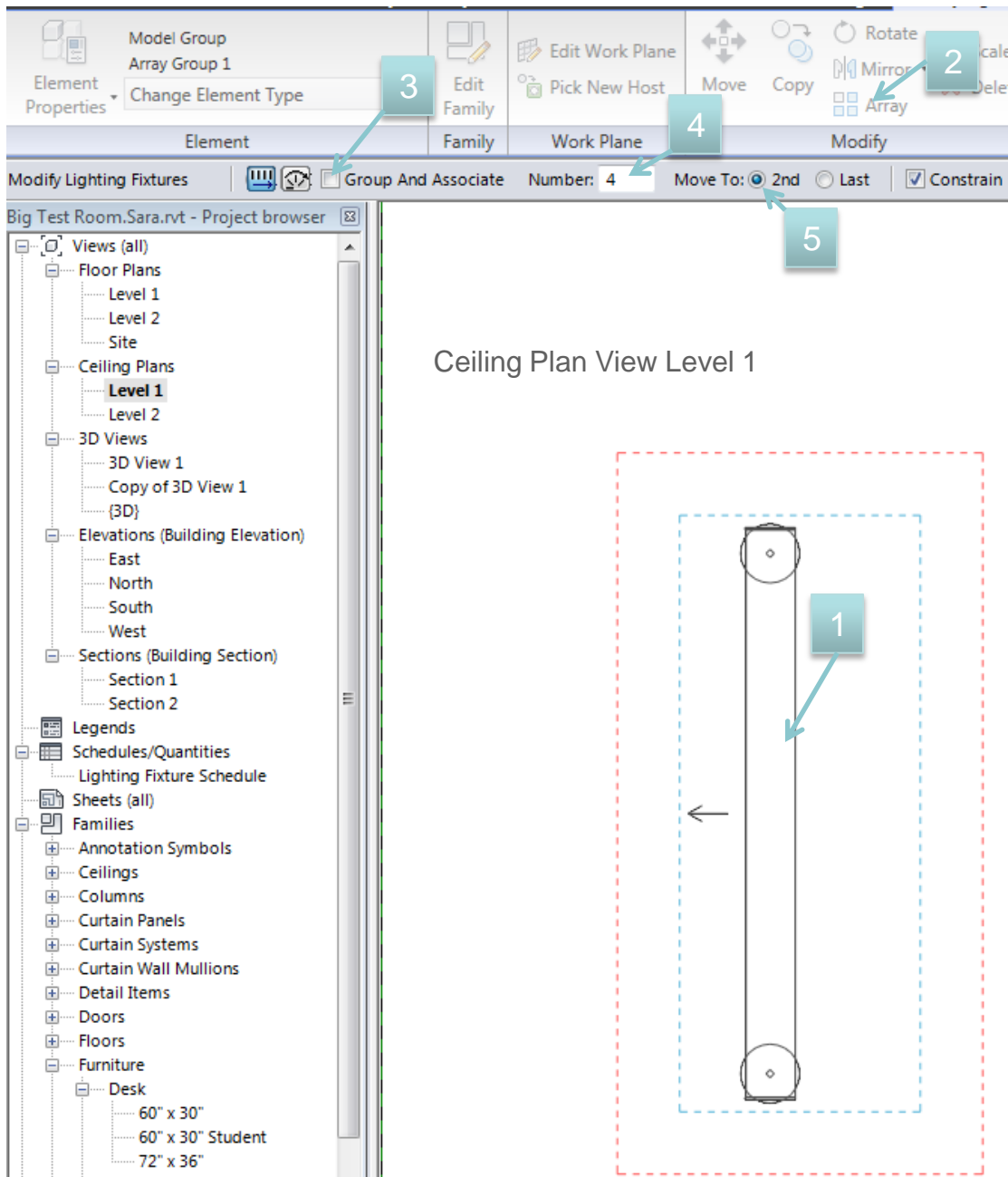


Figure 3: Detail – Ceiling Plan View Level 1





Ceiling Plan View Level 1

1. Select luminaire
2. Select Array
3. Uncheck Group and Associate
4. Type in the number of luminaires in the row.
5. Select 2nd



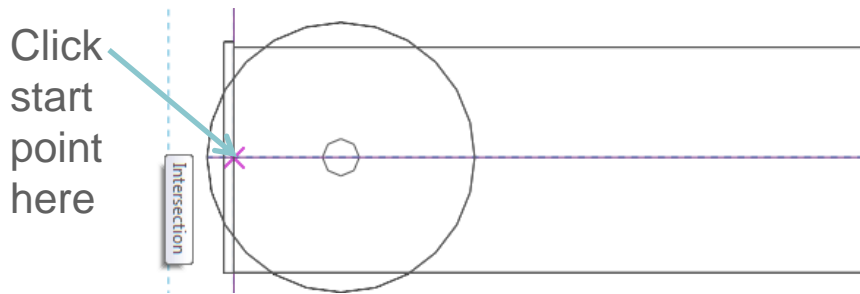


Figure 1: Detail - Ceiling Plan View Level 1

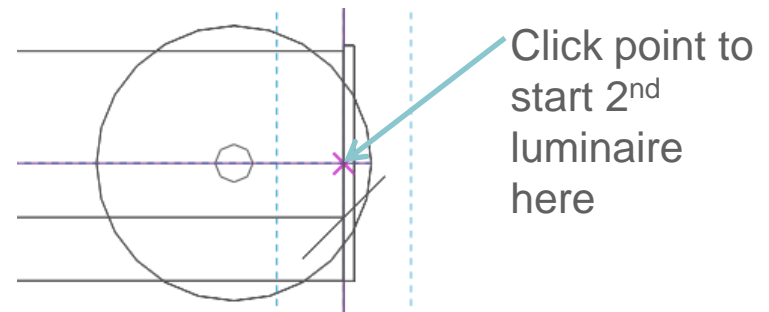


Figure 2: Detail - Ceiling Plan View Level 1

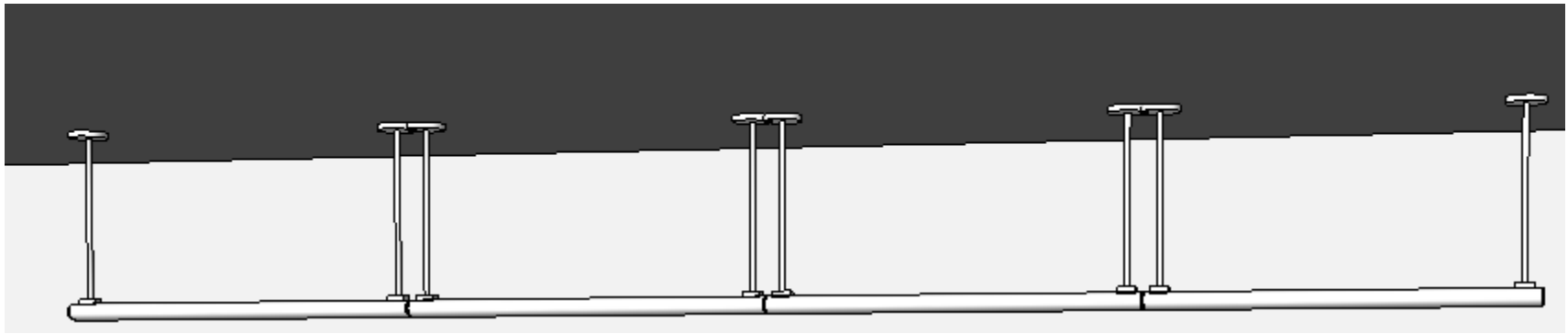


Figure 3: 3D View

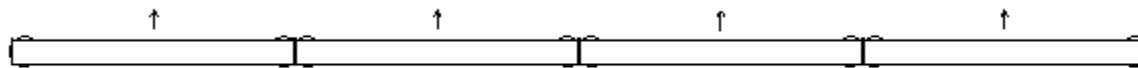


Figure 4: Ceiling Plan View Level 1

We now have an array of individual luminaires. We'll use instance parameters to transform these into a proper row.



Select the first luminaire in the row

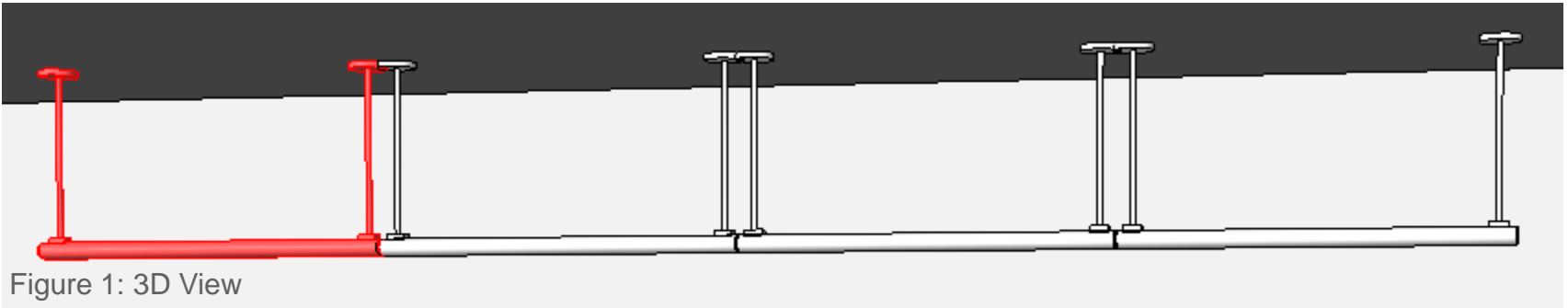


Figure 2: Revit Ribbon Pull-Down Menu

Instance Properties

Family: Lighting-Fixture_Elliptipar_F140_FaceBased_LTW_W19_00_ver001_Simple Load...

Type: F140-4'-T5-Stem Mounted Edit Type...

Instance Parameters - Control selected or to-be-created instance

Parameter	Value
Constraints	
Host	Compound Ceiling : GWB on Mtl. Stud
Elevation	10' 0"
Electrical - Lighting	
Calculate Coefficient of Utilization	<input type="checkbox"/>
Switch ID	
Coefficient of Utilization	
Electrical - Loads	
Panel	
Circuit Number	
Electrical Data	0 V/1-0 VA
Dimensions	
Cantilever Offset Right	0' 4"
Cantilever Offset Left	0' 4"
Cable/Stem Offset Right	0' 2"
Cable/Stem Offset Left	0' 0"
Identity Data	
Comments	
Mark	82
Phasing	
Phase Created	New Construction
Phase Demolished	None
Model Properties	
Right Endplate	<input checked="" type="checkbox"/>
Right Cantilever	<input checked="" type="checkbox"/>
Left Endplate	<input type="checkbox"/>
Left Cantilever	<input checked="" type="checkbox"/>
Cable/Stem Right	<input checked="" type="checkbox"/>
Cable/Stem Left	<input checked="" type="checkbox"/>
Other	
Schedule Level	Level 1

OK Cancel

Dimensions –
Change Cable/Stem
Offset Left to 0' 0"

Model Properties –
Switch off "Left Endplate."

Instance Properties



Select the intermediate luminaires in the row

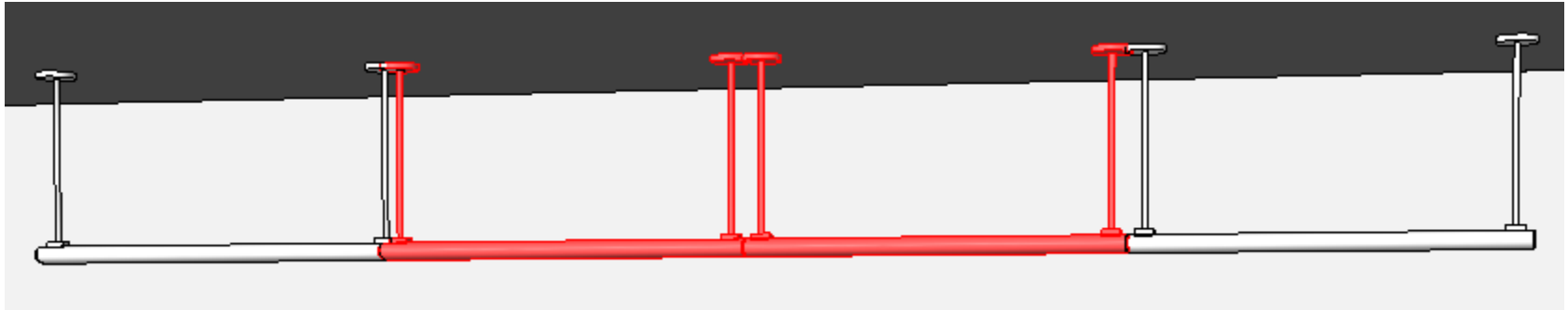
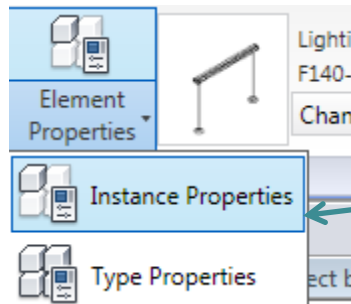


Figure 1: 3D View



Select Instance Properties

Figure 2: Revit Ribbon Pull-Down Menu



Instance Properties

Family: Lighting-Fixture_Elliptipar_F140_FaceBased_LTW_W19_00_ver001_Simple Load...

Type: F140-4'-T5-Stem Mounted Edit Type...

Instance Parameters - Control selected or to-be-created instance

Parameter	Value
Constraints	
Host	Compound Ceiling : GWB on Mtl. Stud
Elevation	10' 0"
Electrical - Lighting	
Calculate Coefficient of Utilization	<input type="checkbox"/>
Switch ID	
Coefficient of Utilization	
Electrical - Loads	
Panel	
Circuit Number	
Electrical Data	0 V/1-0 VA
Dimensions	
Cantilever Offset Right	0' 4"
Cantilever Offset Left	0' 4"
Cable/Stem Offset Right	0' 2"
Cable/Stem Offset Left	0' 0"
Identity Data	
Comments	
Mark	
Phasing	
Phase Created	New Construction
Phase Demolished	None
Model Properties	
Right Endplate	<input type="checkbox"/>
Right Cantilever	<input checked="" type="checkbox"/>
Left Endplate	<input type="checkbox"/>
Left Cantilever	<input checked="" type="checkbox"/>
Cable/Stem Right	<input type="checkbox"/>
Cable/Stem Left	<input checked="" type="checkbox"/>
Other	
Schedule Level	Level 1

OK Cancel

Dimensions –
Change Cable/Stem
Offset Left to 0' 0"

Model Properties –

- Switch off Right Endplate
- Switch off Left Endplate
- Switch off Cable/Stem Right

Instance Properties



Select the last luminaire in the row

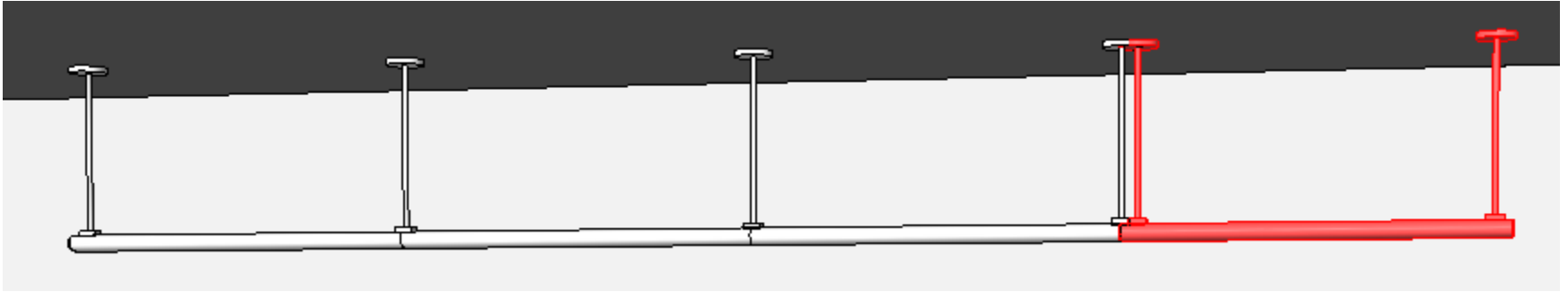
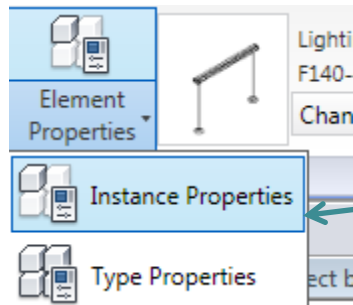


Figure 1: 3D View



Select Instance Properties

Figure 2: Revit Ribbon Pull-Down Menu



Instance Properties

Family: Lighting-Fixture_Elliptipar_F140_FaceBased_LTW_W19_00_ver001_Simple Load...

Type: F140-4'-T5-Stem Mounted Edit Type...

Instance Parameters - Control selected or to-be-created instance

Parameter	Value
Constraints ^	
Host	Compound Ceiling : GWB on Mtl. Stud
Elevation	10' 0"
Electrical - Lighting ^	
Calculate Coefficient of Utilization	<input type="checkbox"/>
Switch ID	
Coefficient of Utilization	
Electrical - Loads ^	
Panel	
Circuit Number	
Electrical Data	0 V/1-0 VA
Dimensions ^	
Cantilever Offset Right	0' 4"
Cantilever Offset Left	0' 4"
Cable/Stem Offset Right	0' 2"
Cable/Stem Offset Left	0' 2"
Identity Data ^	
Comments	
Mark	126
Phasing ^	
Phase Created	New Construction
Phase Demolished	None
Model Properties ^	
Right Endplate	<input type="checkbox"/>
Right Cantilever	<input checked="" type="checkbox"/>
Left Endplate	<input checked="" type="checkbox"/>
Left Cantilever	<input checked="" type="checkbox"/>
Cable/Stem Right	<input type="checkbox"/>
Cable/Stem Left	<input checked="" type="checkbox"/>
Other ^	
Schedule Level	Level 1

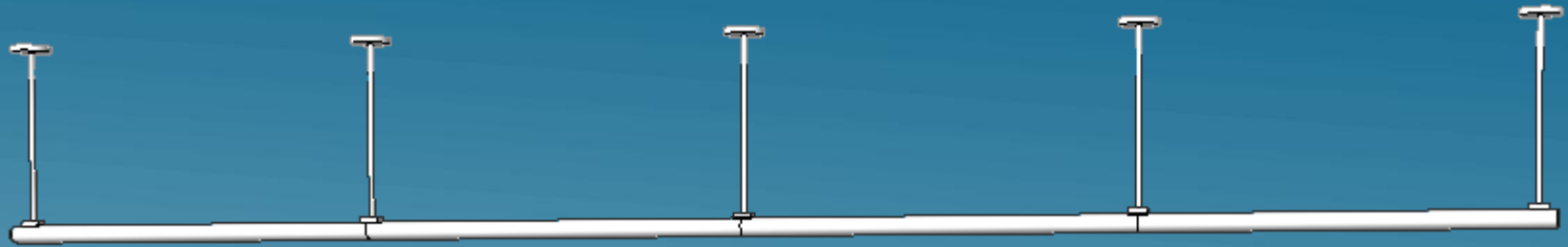
OK Cancel

Model Properties –

- Switch off Right Endplate
- Switch off Cable/Stem Right

Instance Properties





Completed F140 Row



THE LIGHTING **QUOTIENT**