



REVIT CONTENT GUIDE

Manufacturer:	Wiremold
File:	Raceway-5500_Series-Wiremold-Multi_Channel.rfa
Type Catalog:	Not Applicable
Rendering file:	Not Applicable
Schedule file:	Schedule - Raceway-5500.rvt



Instance Properties

Constraints	
Length	24.000
Construction	
Has Base Seam Clip*	<input checked="" type="checkbox"/>
Has Cover*	<input checked="" type="checkbox"/>
Has Cover Clip*	<input checked="" type="checkbox"/>
Has Wire Clip*	<input checked="" type="checkbox"/>
Dimension	
Run Length*	24.000
Graphics	
Has Pathway Decoration*	<input checked="" type="checkbox"/>
Has Snap Locations*	<input checked="" type="checkbox"/>
Invert Power and Communication*	<input type="checkbox"/>
Large Cover Snap Locations are Visible	<input checked="" type="checkbox"/>
Small Cover Snap Locations are Visible	<input type="checkbox"/>
Identity Data	
Equipment Number*	
Part Description*	5500 Series Raceway Base, Ivory
Part Number*	5500BD3

Type Properties

The family contains the following 2 types:
Ivory (Values for this type are shown below)
White

Dimension	
Height*	1.750
Width*	6.688
Identity Data	
Copyright*	Copyright © Wiremold
Cover Part Number*	5500C
Date Last Modified*	July 7, 2016
Description*	See Part Description
Equipment Abbreviation*	RW
Family Version*	1.0
Manufacturer*	Wiremold

Identity Data	
Model*	See Part Number
Model Disclaimer*	For More Information, Contact Wiremold
Original Creation Date*	July 7, 2016
Product Documentation Link*	http://www.legrand.us/~ /media/products/resources/wiremold-products/raceway/nonmetallic-raceway/three-channel-raceway/5500-large-capacity-raceway/ed365r16.aspx
Product Page URL*	http://www.legrand.us/wiremold/raceway/nonmetallic-raceway/multi-channel-raceway/5500-large-capacity-raceway/5500bd3-divided-raceway-base.aspx#.V367haljo8A
Type Image	-1
URL*	http://www.legrand.us/wiremold.aspx
Ifc	
ClassificationCode*	
ClassificationCode(10)*	
ClassificationCode(2)*	
ClassificationCode(3)*	
ClassificationCode(4)*	
ClassificationCode(5)*	
ClassificationCode(6)*	
ClassificationCode(7)*	
ClassificationCode(8)*	
ClassificationCode(9)*	
IfcApplicableOccurrence*	
IfcDescription*	
IfcElementType*	
IfcExportAs*	
IfcExportType*	
IfcName*	
IfcTag*	
Materials	
Product Material*	4356

Half-tone text in the property tables indicates that the value is locked from editing.

*Indicates Shared Parameter and can be scheduled

Loading and Placing into the Project

One "Electrical Fixtures" family is supplied and can be loaded into a Revit project through all traditional methods. The raceway requires a work-plane host to be placed within the project (i.e. wall). The family is line-based and can be drawn to any length. Also, ensure that the visibility settings within the project are modified to have the Electrical Fixtures category visible.

For ease of use, all raceway should be placed in 3D.

Project Behavior

Within the type and instance properties dialogues, the user will find useful information for scheduling purposes such as Height, Width, Run Length and other unique properties of the model. In "Identity Data" the user will find information specific to Wiremold and the model, i.e.: family revision information, Wiremold copyright information, part description, product URL and other specific data. *See scheduling description below.

The ends and top of the raceway have snap locations to allow for the placement of reducers and other fittings. Two types of device brackets can be used with this raceway; the in-line or the in-line and offset brackets. Either can be placed incrementally by selecting either the "Large Cover Snap Locations are Visible" or the "Small Snap Locations are Visible". In order to place one size bracket flush with a different size one, the user will have to use the side of a previously placed plate as a reference to place the next. The sides will automatically snap together.

The raceway uses power and communication line work or 'Pathway Decoration' in order to designate a channel as being used for power or communication. The power and communication designation can be switched by selecting the 'Invert Power and Communication' parameter.

The raceway has options for covers, cover clips, wire clips, and base seam clips. When these options are selected, they will be itemized in the appropriate schedule. The schedule built for this raceway is designed to calculate an approximate number of runs, covers, clips, etc.

Instance Parameter

In the “Instance Parameters”, the user has the following options to modify:

- Equipment Number – For tagging each placed instance.
- Has Snap Locations – Toggles the visibility of the snap locations.
- Small Cover Snap Locations are Visible – Toggles between incrementing the snap locations for the in-line or in-line and offset device brackets.
- Invert Power and Communication – For switching the power and communication designation.
- Has Pathway Decoration – For toggling the visibility of the power/communication line work.
- Has Wire Clip – When selected, the appropriate number of wire clips needed for the placed instance of raceway will be scheduled.
- Has Cover Clip – When selected, the appropriate number of cover clips needed for the placed instance of raceway will be scheduled.
- Has Cover – When selected, the appropriate number of covers needed for the placed instance of raceway will be scheduled.
- Has Base Seam Clip – When selected, the appropriate number of base seam clips needed for the placed instance of raceway will be scheduled.

Type Parameter

Each type represents a manufactured product. Therefore, the type parameters should not be modified by the user for standard configuration. Please note:

- Product Page URL – Directs to the manufacturer’s online listing of the product.
- Product Documentation Link – Directs to the product’s online specification sheet.
- Equipment Abbreviation – This parameter exists for filtering schedules. *See scheduling description below.
- Family Version – Lists the current revision number of the family.

Visibility

For best performance, all model geometry is turned off in all views and represented through masking regions and symbolic/model lines that update automatically when a user changes view properties.

Rendering

When the family file is loaded into the project, standard Wiremold materials are imported. These may be modified, though ensure that the modification selection matches an actual manufacturer supplied option.

Schedule Creation

Wiremold products may be scheduled utilizing the schedule view in the given project file. Select and copy (Ctrl-C) the schedule from the sheet view and paste it (Ctrl-V) into a sheet in your project. The schedule filters are set to look for only those units designated with Manufacturer as "Wiremold" and Equipment Abbreviation as "RW". The schedules contain special functionality for displaying the configured order numbers of the selected types.