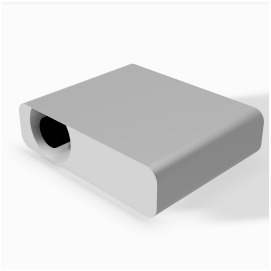
REVIT CONTENT GUIDE



Manufacturer: Panasonic
File: Projector-LCD-Panasonic-1_Lamp-Portable.rfa
Type Catalog: Not Applicable
Rendering file: Not Applicable
Schedule file: Schedule - Projector-LCD-Panasonic-1_Lamp-Portable.rvt

Instance Properties

Construction	
Accessory Part Number	NONE
Has High Ceiling Mount	☐
Has Low Ceiling Mount	☐
High Ceiling Mount Adjustment	0.000
Image Size Diagonal Desired	50.000
Image Size Diagonal Set	50.000
Image Size Height	30.000
Image Size Width	40.000
Lens Selection	Supplied Lens
Throw Distance Desired	80.000
Throw Distance Maximum	75.715
Throw Distance Minimum	46.678
Throw Distance Set	75.715
Electrical	
Power Standby Eco	0.300 W
Voltage AC	120.00 V
Voltage is 120 V	☑
Voltage is 240 V	☐
Graphics	
Has Ventilation Clearance Area	☑
Show 16 to 10 Aspect Ratio	☐
Show 16 to 9 Aspect Ratio	☐
Show 4 to 3 Aspect Ratio	☐
Show Image	☑
Show Lens Shift	☑
Show Throw	☑
Identity Data	
Equipment Number	

Type Properties

The family contains the following 2 types:

White, XGA, PT-VX505N, Wireless LAN (Values for this type are shown below)
White, XGA, PT-VX500

Adsk Model Properties	
Brightness Economy	3850.00 lm
Brightness Full	5000.00 lm
Chip Diagonal	0.630
Chip Quantity	3
Contrast Ratio	4000.000000
DVI D In	N/A
HDMI In	(1x) HDMI Type A Connector
Lamp Life Economy	4000.000000
Lamp Life Full	3000.000000
Lamp Quantity	1
Lamp Type	Single (1x) 330 W UHM Lamp
LAN	RJ-45
Lens Type	Integrated
Market	Commercial
Motorized Zoom	☐
Must be Level	No
Resolution Horizontal	1024
Resolution Vertical	768
Technology	Three Chip LCD
Constraints	
Default Elevation	48.000
Electrical	
Power Active	365.000 W
Power Factor	1.000000
Power Standby Normal	12.900 W
Total Rated Watts	365.00 W
Geometry	
Depth	12.008
Height	3.937
Width	14.921
Identity Data	
Copyright	Copyright © Panasonic
Date Last Modified	9/28/2012
Description	5,000 Lumens, 4:3 Aspect Ratio, XGA, White Cabinet Projector
Equipment Abbreviation	LVP
Family Version	1.0.0
Manufacturer	Panasonic
Model	PT-VX505N
Model Disclaimer	Contact Panasonic for more information
Original Creation Date	9/28/2012
Part Description	5,000 Lumens, 4:3 Aspect Ratio, XGA, White Cabinet Projector
Part Number	PT-VX505N
Product Documentation Link	https://eww.pavc.panasonic.co.jp/projector/extranet/main/products/vw430vx500/spec/vx505n_sf.pdf
Product Page URL	http://panasonic.net/avc/projector/products/vw430/
Provide Feedback	https://www.surveymonkey.com/s/95FL6QY
URL	http://panasonic.net/
Materials	
Product Material	Plastic - Panasonic - White
Mechanical	
Heat Load Active	0.00 Btu/h
Max Air Exhaust Volume	0 CFM
Noise in High Mode	37.000000
Noise in Low Mode	29.000000
Temperature Max	40.000 °C
Temperature Min	0.000 °C

Structural	
Weight	10.60 lb

Halftone text in the property tables indicates that the value is locked from editing.

Loading and placing into the Project:

One “Communication Device” family is supplied and can be loaded into a Revit project through all traditional methods. The Projector requires a host to be placed within the project (i.e. wall, floor, screen). Also, ensure that the visibility settings within the project are modified to have the Communication Devices checkbox visible. The family’s origin point is in the center of the projected image. Once placed, the projector model’s orientation can be rotated around the image by hitting the spacebar. Once determining the image diagonal size required, the user can adjust the throw and projector location in 3D through the use of pullgrips. The projectors location in relation to the image is self-limiting based on the image size and projector/lens combination.

Project Behavior:

Within the instance properties the family contains options for all of the associated mounting accessories and mounting locations for a given projected image size. The projector’s location is limited by the projector/lens selection and image size and can be adjusted in 3d or 2d through the use of pullgrips.

Instance Parameters:
In the “Instance Parameters”, the user can control the following options:

Equipment Number- For tagging each placed instance.
Lens Selection- allows for configuration using optional lenses
Image Size Diagonal Desired- adjusts the image size within the available range of the projector
Throw Distance Desired- adjusts the projector’s distance from the image within the available range of the configuration
Has (Low/High) Ceiling Mount- toggles the Ceiling Mount Kits on/off
High Ceiling Mount Adjustment- allows for adjustment between the 3 available positions on the High Ceiling Mount
Has Ventilation Clearance Area- Toggles the visibility of the Ventilation Clearance Area geometry
Show Image- Toggles the visibility of the Projected Image
Show Throw- Toggles the visibility of the Projected Throw to the Image
Show Lens Shift- Toggles the visibility of the bounding adjustability of the lens shift function
Show 4 to 3 Aspect Ratio- Crops the 4:3 image within the native aspect ratio
Show 16 to 9 Aspect Ratio- Crops the 16:9 image within the native aspect ratio
Show 16 to 10 Aspect Ratio- Crops the 16:10 image within the native aspect ratio
Voltage is 240 V - Selects power of instance to 240 V
Voltage is 120 V - Selects power of instance to 120 V

Please note: Only one of the mounting options may be selected, if more than one mounting option is selected then an error message will appear in the “Accessory Part Number” Field, and no Mounting geometry will be shown.

Type Parameters:
Each type represents a manufactured product. Therefore, the type parameters should not be modified. Please note:

Product Documentation Link – Directs a webpage to the products online listing.
Equipment Abbreviation – For filtering schedules. *See scheduling description below.

Visibility:

For best performance, all model geometry is turned off in Plan view and represented through masking regions and symbolic lines that update automatically when a user adjusts the accessories and their modifiers. For maximum usability, all geometry is also assigned the subcategory: “Communication Devices”.

Rendering:

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

Scheduling & BOM creation:

Panasonic 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 “Panasonic”

and Equipment Abbreviation as “LVP”. The schedules contain special functionality for displaying the configured order numbers of the different selected types.