

# Vivitek RU7800Z

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Manufacturer With the RU7800Z, Vivitek offers a DLP laser projector with WUXGA 1920 x 1200 resolution and a contrast ratio of 3,000,000:1. Thanks to the laser technology, the projector has a specified lamp life of 20,000 hours, which would equate to over 13.7 years based on 4 hours of daily use. An image width of up to 96 4 cm is possible; if the image width is smaller (we recommend a maximum of 643 cm), even rooms with ambient light are no problem. Furthermore, the projector can play 1080p content without any issues and, thanks to its 360° projection capability, can even project Blu-rays onto the ceiling.



1 x 0,67" DLP Chip  
WUXGA 16/9 Ti Digital Light Processing Chip

|           |                            |        |                                |
|-----------|----------------------------|--------|--------------------------------|
| Projector | 9000 / 10000 Center Lumens | Screen | 4000 Lux (200 cm Screen width) |
|           | 3000000:1 full on/off      |        | -                              |
|           | -                          |        | -                              |
|           | -                          |        | -                              |

Resolution  
WUXGA 1920 x 1200  
2.304.000 Pixel

Video Modes  
Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, EDTV 480p, 576p  
Application  
Stationary | Permanent installation in the training room and meeting room as well as the conference room.

Very large screen width and rooms with plenty of light and shaded daylight.

Light Source  
Laser  
Light Life  
20000 h. / 30000 h. in Eco Mode

Operating Costs  
0,00 € Laser

Focus  
Powered

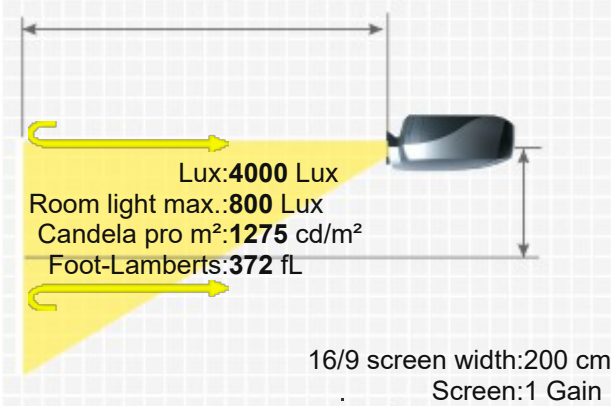
Zoom  
Powered

Objective  
optional

Throw Ratio  
optional

Audio  
2 x 10W

Connections  
2x HDMI 2.0 in  
D-sub 15pin in und out  
Cinch Stereo in  
3D Sync in und out  
5x BNC  
Mini Jack Audio in und out  
USB in  
RS232C Din 9 pin in  
RJ45 in



HDBaseT  
12V Trigger



Ceiling Mounting  
Power  
Size WxHxD  
Operating Noise

Yes, is possible.  
540W  
470 x 202 x 517 mm (18,5"x8"x20,4") 49,08 L/dm<sup>3</sup>  
40 / 38 dB in Eco Mode

Weight  
Keystone  
Illumination

20,60 kg / 44,09 lbs.  
-  
90%

Frequenz

-

Foot-Lamberts

372 fL / max. 964 cm screen width  
1275 cd/m<sup>2</sup>

Features

- Full HD 1080P compatible
- Eco Mode
- Warping
- 360° installable
- 24/7 continuous operation capable
- PJLink™
- Lan network compatible.
- Crestron®-Software compatible.

Screen Mirroring

-



Optional accessories

 Deckenhalterung schwarz Halterung45 83,60 €

Optional Lenses

| Name       | Ratio       | Distance    | Shift V | Shift H | Zoom    |
|------------|-------------|-------------|---------|---------|---------|
| D88-LOZ201 | 5.3-8.3:1   | 1060-1660 m | 70-50%  | +/-15%  | Powered |
| D88-LOZ101 | 3.6-5.4:1   | 720-1080 m  | 70-50%  | +/-15%  | Powered |
| D88-SMLZ01 | 2.21-3.7:1  | 442-740 m   | 70-50%  | +/-15%  | Powered |
| D86-1929   | 2-3:1       | 400-600 m   | 70-50%  | +/-15%  | Powered |
| D86-1519   | 1.54-1.93:1 | 308-386 m   | 70-50%  | +/-15%  | Powered |
| D86-1216   | 1.26-1.6:1  | 252-320 m   | 70-50%  | +/-15%  | Powered |
| D86-1113   | 1.1-1.3:1   | 220-260 m   | 70-50%  | +/-15%  | Powered |
| D86-0711   | 0.77-1.1:1  | 154-220 m   | 70-50%  | +/-15%  | Powered |

Status 2026 Current model // Last update of the data: 2026-06-29

Data



More Details



HCinema

<https://www.projector-database.com/pro/vivitekru7800z-en.html>