# TCO Comparison

## Laser versus Lamp Projectors

NEC Projectors with similar technology and brightness are compared according to their total cost of ownership* after 10,000 and after 20,000 hours of working.

<table>
<thead>
<tr>
<th>Assumed usage time</th>
<th>20,000 hours</th>
<th>10,000 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 hours/day</td>
<td>5 days/week</td>
<td>8 years</td>
</tr>
<tr>
<td>50 weeks/year</td>
<td>50 weeks/year</td>
<td>8 years</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lightsource</th>
<th>LASER</th>
<th>LAMP</th>
</tr>
</thead>
</table>

### Comparable Projector Models

#### NEC PX602WU

- **Projection Technology**: DLP x 1
- **Price**: 9.747,00 €
- **Exchange lightsource**: 0
- **Lightsource costs** for 20,000 hours: 0
- **Maintenance costs**: 0
- **Total cost**: 9.747,00 €
- **Cost saving**: 11.088,00 €

#### NEC PX700W

- **Projection Technology**: DLP x 1
- **Price**: 7.569,00 €
- **Exchange lightsource**: 0
- **Lightsource costs** for 20,000 hours: 0
- **Maintenance costs**: 0
- **Total cost**: 7.569,00 €
- **Cost saving**: 4.410,00 €

### Comparable Projector Models

#### NEC PX1004UL

- **Projection Technology**: DLP x 1
- **Price**: 26.180,00 €
- **Exchange lightsource**: 0
- **Lightsource costs** for 20,000 hours: 0
- **Maintenance costs**: 0
- **Total cost**: 26.180,00 €
- **Cost saving**: 23.241,00 €

#### NEC PH1000U

- **Projection Technology**: DLP x 3
- **Price**: 43.525,00 €
- **Exchange lightsource**: 0
- **Lightsource costs** for 20,000 hours: 0
- **Maintenance costs**: 0
- **Total cost**: 43.525,00 €
- **Cost saving**: 30.024,00 €

### Comparable Projector Models

#### NEC PH1202HL

- **Projection Technology**: DLP x 3
- **Price**: 48.303,00 €
- **Exchange lightsource**: 0
- **Lightsource costs** for 20,000 hours: 0
- **Maintenance costs**: 0
- **Total cost**: 48.303,00 €
- **Cost saving**: 8.701,00 €

#### NEC PH1400U

- **Projection Technology**: DLP x 3
- **Price**: 52.360,00 €
- **Exchange lightsource**: 0
- **Lightsource costs** for 20,000 hours: 0
- **Maintenance costs**: 0
- **Total cost**: 52.360,00 €
- **Cost saving**: 30.024,00 €

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* Lens and energy costs are not considered
** Recommended retail price in Germany incl. 19% VAT
*** Estimated labour costs for lamp and filter exchange