PARATHOM® advanced GlowDim Dimmer Compatibility

BASIC INFORMATION:

1. HOW MANY LAMPS CAN I INSTALL ON ONE DIMMER?
   For max. number of lamps on a dimmer, please use the following rule of thumb:
   (Please note: actual number may vary from calculated result)

   Max load of dimmer equivalent wattage (HAL/GLS) - max. number of lamps

2. WHAT IS THE PRODUCT CODE AND WHERE DO I FIND IT?
   The product code describes the lamp type. It contains 7 letters and digits and is staring with A...
   Example for the product code on the stamp of the lamp:

3. HOW CAN I READ THE FOLLOWING CHARTS?
   PARATHOM® advanced GlowDim Dimmer Compatibility

   Legend:
   Information about the dimmability of the lamp. Green means very good dimmability habits, red means partial critical dimmability habits.

   List of dimmers being tested in the laboratory

   Example:
   Dimmer OSRAM 315DIM shows very good dimmability habits for one PARATHOM advanced CLASSIC A60 GlowDim lamp.
## PARATHOM advanced GlowDim Dimmer Compatibility

### Dimmability traffic light system:
- **Green**: very good dimmability habits (Dimming range ≥ 75%)
- **Yellow**: good dimmability habits (Dimming range ≥ 60%)
- **Red**: partial critical dimmability habits (Flickering or acoustic noises may occur) (Dimming range < 60%)
- **White**: not tested

### Dimmer Compatibility Table

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Voltage range</th>
<th>Power</th>
<th>Type</th>
<th>PARATHOM advanced CLASSIC A69 GlowDim</th>
<th>PARATHOM advanced CLASSIC B40 GlowDim</th>
<th>PARATHOM advanced MR16 GlowDim</th>
<th>PARATHOM advanced PAR16 GlowDim</th>
</tr>
</thead>
<tbody>
<tr>
<td>AURORA</td>
<td>DSP 400</td>
<td>230V/50Hz</td>
<td>400</td>
<td>R</td>
<td>2750K - 2000K</td>
<td>n/a</td>
<td>2750K - 2000K</td>
<td>2700K - 1650K</td>
</tr>
</tbody>
</table>

### CCT dimmability range
- **Green**: very good range (≥ 700 KelvIn)
- **Yellow**: good range (≥ 500 KelvIn)
- **Red**: critical range (< 500 KelvIn)
- **White**: no values
Please Note:

- The compatibility list is based upon testing conducted by the manufacturer in a lab simulated environment, and the results can vary in certain field applications due to a number of factors. OSRAM does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, or when using other LED lamp types.
- The absence of a dimmer from this chart does not necessarily imply incompatibility.
- Please reference the dimmer manufacturer’s instructions for installation.
- LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance).
- Subject to change without notice
- Errors and omission excepted
- Always make sure to use the most recent release

Application Notes:

- For best dimming results trailing edge dimmer type is recommended.
- Trailing edge type dimmer requires the neutral wire for installation.