RGB LIGHTING TECHNOLOGY
LIGHTING SOLUTIONS FOR AUTOMOBILES

**BENEFIT**
- Color precision
- Flexibility
- Stability
- Ease of operation
- Adaptability
- Lightweight Construction
- Diagnostic Capability

**PROPERTIES**
- Very fine color controlling and calibration
- Firmware can be updated, LIN auto-addressing
- Constant power driver, temperature and age compensation
- Color and intensity are adjustable via smartphone or display screen
- Through the independent color choice the interior lighting can be used to strengthen the own brand
- Individuality for every customer and OEM, drive assistance, save and comfortable driving atmosphere
- LIN-Diagnostic and Error-Communication

**EXAMPLES**
- Interior lighting
- Overhead Control Panel
- Going-Home lighting
- Reading- / stacker pocket lighting
- …

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply voltage</td>
<td>7V to 18V</td>
</tr>
<tr>
<td>Light power</td>
<td>High power &lt; 34000mcd, Middle power &lt; 9000mcd, Low power &lt; 3000mcd</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>High because of the integrated digital DC/DC</td>
</tr>
<tr>
<td>Flexibility of functions</td>
<td>High because of the LIN auto addressing</td>
</tr>
<tr>
<td>Communication</td>
<td>LIN Bus</td>
</tr>
<tr>
<td>Quantity of colors</td>
<td>one trillion</td>
</tr>
<tr>
<td>Integration vehicle</td>
<td>Mounting in different applications like door handle, Overhead Lighting or seat adjustment switch</td>
</tr>
<tr>
<td>Handling</td>
<td>with via Bluetooth connected Smartphone or display screen</td>
</tr>
<tr>
<td>Functions</td>
<td>Color and intensity are freely adjustable, own error detection and diagnostic capability</td>
</tr>
<tr>
<td>Planned Features</td>
<td>Inclusion of gesture recognition</td>
</tr>
<tr>
<td>Product Status</td>
<td>Series maturity product, which is adaptable for every customer</td>
</tr>
<tr>
<td>Project duration for adjustment</td>
<td>about 1 year</td>
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</tbody>
</table>

Technische Änderungen behalten wir uns vor. Maßangaben sind unverbindlich. Detaillierte Spezifikationen erhalten Sie gerne auf Anfrage.
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DRAWINGS (IN MM)

Low / Middle Power Light Engine

High Power Light Engine

Low / Middle Power Light Module

High Power Light Module

Overhead Lighting