**Mechanical / Environmental characteristics:**

- Operating temperatures: -40°C/+70°C
- Front or rear mounting
- IP66 front and rear IP65
- Shock resistance: IK05
- Plastic protective cover
- Cable connection
- UV resistant

**Electrical characteristics:**

- Power supply: 24-36 and 72-110 Vdc (-30% / +25%)
- Optimized power consumption
- Long service life: 60,000h

**Optical characteristics:**

<table>
<thead>
<tr>
<th>EN15153-1:2013</th>
<th>Maflec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensity (Cd)</td>
<td>Intensity (Cd)</td>
</tr>
<tr>
<td>Full Head light</td>
<td>40000-70000</td>
</tr>
<tr>
<td>Dimmed Head light</td>
<td>12000-16000</td>
</tr>
<tr>
<td>Full Marker light</td>
<td>300-700</td>
</tr>
<tr>
<td>Dimmed Marker light</td>
<td>100-300</td>
</tr>
<tr>
<td>Tail light</td>
<td>15-100</td>
</tr>
</tbody>
</table>

**Options:**

- Bearing angle adjustment at ±1.5° on the two axes after mounting
- Light status feedback (potential free contact)
- Customized connector and cable length
- Glass protective cover (for robustness against chemicals)
- Defrosting
- Optical characteristics adapted for products placed behind customer glass reducing luminous intensity by as much as 35%
- Mechanical interface mounting plate

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**Standards:**

- Design: EN 15153 - 1: 2013 TSI LOC & PAS 2014
- Application: EN 50155
- EMC: EN 50121-3-2
- Shock/vibrations: EN 61373
- Environment: EN 60068, EN 60529
- Fire/smoke: EN 45545-2
- Cable: EN 50306-4

**Dimensions:**

- Improved lifetime (full LED technology)
- Smart maintenance