ILEE® MICRO OPTIC

CHARACTERISTICS

- Various diffractive optic elements for pattern generation available
- Optical output power adjustable
- Solid built for industrial use
- Compact housing
- Focusable
- AR coated glass lens
- Low power consumption

APPLICATIONS

- Measurement
- Pointing
- Alignment
- Positioning
TECHNICAL DATA

<table>
<thead>
<tr>
<th>Wave-</th>
<th>Optical</th>
<th>Beam</th>
<th>Laser class</th>
<th>Divergence</th>
<th>Wavelength</th>
<th>Output power</th>
<th>Ripple noise</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>length</td>
<td>output</td>
<td>shape</td>
<td>1)</td>
<td>2)</td>
<td>shift 3)</td>
<td>stability 3)</td>
<td>4–6VDC rms</td>
<td>number</td>
</tr>
<tr>
<td>nm</td>
<td>mW</td>
<td></td>
<td>1)</td>
<td>mrad</td>
<td>nm/°C</td>
<td>% 25°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>635</td>
<td>&lt;3.5</td>
<td>Dot</td>
<td>3R</td>
<td>&lt;0.5</td>
<td>0.25</td>
<td>&lt;0.5</td>
<td>&lt;1%</td>
<td>0019-05-92-01</td>
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<tr>
<td>635</td>
<td>&lt;7.5</td>
<td>Dot</td>
<td>3B</td>
<td>&lt;0.5</td>
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1) EN/ISO 60825-1  2) E@FWHM  3) after warmup

DIMENSIONS (MM)

ELECTRICAL CONNECTIONS

VCC: Red (+) Operating voltage: 4 – 6VDC (8 – 32VDC available on request)
GND: Black (–)

Attention: Polarity on housing: +

OUTPUT POWER ADJUSTMENT

Laser beams can cause damage to your eyes.
The user is responsible to observe the local safety regulations.

Mistakes and technical changes reserved.

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