VICTORIA-MINI-W

~60° wide beam. Ingress protected version.

SPECIFICATION:

Dimensions: Ø 180.0 mm
Height: 10.8 mm
Ingress protection classes: IP66, IP67
ROHS compliant: yes

MATERIALS:

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>Material</th>
<th>Colour</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>VICTORIA-MINI-W</td>
<td>Multi-lens</td>
<td>PMMA</td>
<td>clear</td>
<td>gloss</td>
</tr>
<tr>
<td>VICTORIA-MINI-SEAL</td>
<td>Seal</td>
<td>Silicone</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ORDERING INFORMATION:

<table>
<thead>
<tr>
<th>Component</th>
<th>Qty in box</th>
<th>MOQ</th>
<th>MPQ</th>
<th>Box weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS17977_VICTORIA-MINI-W</td>
<td>92</td>
<td>92</td>
<td>4</td>
<td>9.9</td>
</tr>
</tbody>
</table>

Box size: 400 x 400 x 275 mm

Last update: 18/08/2023
Subject to change without prior notice
Published: 09/07/2021

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See also our general installation guide: www.ledil.com/installation_guide

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OPTICAL RESULTS (MEASURED):

**CREE® LEDs**

**LED**
J Series 5050 Round LES

FWHM / FWTM 53.0° / 81.0°

Efficiency 94%

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:
C18057_VICTORIA-MINI-CLIP

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**LED**
J Series 5050B 6V K Class

FWHM / FWTM 55.0° / 83.0°

Efficiency 93%

Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:
C18057_VICTORIA-MINI-CLIP

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**LUMILEDS**

**LED**
LUXEON 5050 Square LES

FWHM / FWTM 53.0° / 80.0°

Efficiency 91%

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:
C18057_VICTORIA-MINI-CLIP

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**MST**

**LED**
RdLED 150mm 7000lm 8x0 120V VICTORIA-MINI

FWHM / FWTM 56.0° / 86.0°

Efficiency 91%

Peak intensity 0.9 cd/lm

LEDs/each optic 2

Light colour White

Required components:
C18057_VICTORIA-MINI-CLIP

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OPTICAL RESULTS (MEASURED):

**SAMSUNG**

- LED: LM28xB Series
- FWHM / FWTM: 56.0° / 86.0°
- Efficiency: 91%
- Peak intensity: 0.9 cd/lm
- LEDs/each optic: 2
- Light colour: White
- Required components: C18057_VICTORIA-MINI-CLIP
OPTICAL RESULTS (SIMULATED):

**CREE® LEDs**

LED: J Series 2835
FWHM / FWTM: 40.0° / 67.0°
Efficiency: 94 %
Peak intensity: 1.8 cd/lm
LEDs/each optic: 1
Light colour: White

**Required components:**

**LUMILEDS**

LED: LUXEON 2835 Line
FWHM / FWTM: 37.0° / 66.0°
Efficiency: 93 %
Peak intensity: 2 cd/lm
LEDs/each optic: 1
Light colour: White

**Required components:**

**LUMILEDS**

LED: LUXEON 2835 Line
FWHM / FWTM: 61.0° / 81.0°
Efficiency: 90 %
Peak intensity: 0.9 cd/lm
LEDs/each optic: 2
Light colour: White

**Required components:**

**OSRAM**

LED: Duris E 2835
FWHM / FWTM: 37.0° / 66.0°
Efficiency: 94 %
Peak intensity: 2 cd/lm
LEDs/each optic: 1
Light colour: White

**Required components:**
OPTICAL RESULTS (SIMULATED):

**OSRAM**
LED: Duris S8
FWHM / FWTM: 60.0° / 81.0°
Efficiency: 92 %
Peak intensity: 0.9 cd/lm
LEDs/each optic: 1
Light colour: White

**OSRAM**
LED: OSCONIQ S 5050
FWHM / FWTM: 58.0° / 80.0°
Efficiency: 91 %
Peak intensity: 1 cd/lm
LEDs/each optic: 1
Light colour: White

**SAMSUNG**
LED: LM28xB Series
FWHM / FWTM: 40.0° / 67.0°
Efficiency: 94 %
Peak intensity: 1.9 cd/lm
LEDs/each optic: 1
Light colour: White

**SAMSUNG**
LED: LM28xB Series
FWHM / FWTM: 39.0° / 66.0°
Efficiency: 90 %
Peak intensity: 1.9 cd/lm
LEDs/each optic: 1
Light colour: White

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OPTICAL RESULTS (SIMULATED):

**SAMSUNG**

- LED: LM301B
- FWHM / FWTM: 39.0° / 66.0°
- Efficiency: 90%
- Peak intensity: 1.8 cd/lm
- LEDs/each optic: 1
- Light colour: White

**SEOUL DC 3528**

- FWHM / FWTM: 44.0° / 70.0°
- Efficiency: 94%
- Peak intensity: 1.7 cd/lm
- LEDs/each optic: 1
- Light colour: White

**SEOUL DC 3528**

- FWHM / FWTM: 42.0° / 70.0°
- Efficiency: 94%
- Peak intensity: 1.7 cd/lm
- LEDs/each optic: 1
- Light colour: White

**SEOUL DC 3528**

- FWHM / FWTM: 62.0° / 82.0°
- Efficiency: 92%
- Peak intensity: 0.9 cd/lm
- LEDs/each optic: 2
- Light colour: White
OPTICAL RESULTS (SIMULATED):

<table>
<thead>
<tr>
<th>LED</th>
<th>SEOUL DC 5050 6V</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWHM / FWTM</td>
<td>59.0° / 80.0°</td>
</tr>
<tr>
<td>Efficiency</td>
<td>91 %</td>
</tr>
<tr>
<td>Peak intensity</td>
<td>1 cd/lm</td>
</tr>
<tr>
<td>LEDs/each optic</td>
<td>1</td>
</tr>
<tr>
<td>Light colour</td>
<td>White</td>
</tr>
</tbody>
</table>

Required components:
GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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