Reveler™

Tokistar Reveler is an indirect LED lighting fixture available in a variety of kelvin temperatures, including 2700K, 3000K, 5500K and our signature true blue color. This system is ideal for illuminating building facades and other exterior and interior surfaces.

Reveler features many of the most popular and unique virtues of other Tokistar luminaires. In its basic form, the system is extremely flexible and able to outline complex shapes. Reveler is wet-location listed with an IP66 rating, operates from industry-standard 12VAC magnetic transformers and is fully dimmable.

Channels with a glare guard conceal LEDs from direct view

Reveler casts a seamless flow of light on curved architectural forms

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Optics include a 120° or linear spread lens

Flexible conductor conforms to twists and turns

Reveler LEDs are 1.8 Watts /12 VAC

LED modules have integral mounting tabs

Colored panels are brightly illuminated with short lengths of Reveler
The Basic System

How To Specify
Specify Reveler by Selecting Spacing, Color and Lens Style

Spacing - Reveler at 4" spacing is suitable for the majority of applications. Custom spacings are available upon request.

Color - Select the best color to complement the environment. Choices include 2700K, 3000K, 5500K and our signature true blue color.

Lens Selection - For grazing light vertically, our 25˚ x 80˚ linear spread lens does a remarkable job of focusing light precisely where needed. The 120˚ lens is ideal when a broader distribution of light is required.

<table>
<thead>
<tr>
<th>LED Spacing</th>
<th>Code</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>2&quot; (50 mm)</td>
</tr>
<tr>
<td></td>
<td>100</td>
<td>4&quot; (100 mm)</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td>6&quot; (150 mm)</td>
</tr>
</tbody>
</table>

Consult Factory for Custom Spacing

<table>
<thead>
<tr>
<th>LED Color</th>
<th>Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2700K</td>
<td>2700K</td>
</tr>
<tr>
<td></td>
<td>3000K</td>
<td>3000K</td>
</tr>
<tr>
<td></td>
<td>5500K</td>
<td>5500K</td>
</tr>
<tr>
<td></td>
<td>BL</td>
<td>Blue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lens</th>
<th>Code</th>
<th>Style</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SP</td>
<td>25˚ x 80˚ Spread</td>
</tr>
<tr>
<td></td>
<td>120D</td>
<td>120˚</td>
</tr>
</tbody>
</table>

25˚ x 80˚ Spread Lens

120˚ Lens

Maximum Fixture Length
The load of each fixture must not exceed 240 Watts (20 amps @ 12 Volts). To minimize voltage drop and keep conductors safely within their rating, do not exceed the maximum lengths shown for each independent length of Reveler.

<table>
<thead>
<tr>
<th>Code</th>
<th>LED Spacing</th>
<th># of LEDs</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>2&quot; (50 mm)</td>
<td>132</td>
<td>22' (6.6 M)</td>
</tr>
<tr>
<td>100</td>
<td>4&quot; (100 mm)</td>
<td>120</td>
<td>40' (12 M)</td>
</tr>
<tr>
<td>150</td>
<td>6&quot; (150 mm)</td>
<td>100</td>
<td>50' (15 M)</td>
</tr>
</tbody>
</table>

Making Bends
Every spacing of Reveler is extremely flexible with LEDs facing into or away from the bend. For making 90˚ bends side-to-side, minimum spacing is 4" on center.
Channel Options

How To Specify Channels

Optional Channels
Reveler silver-anodized channels ensure the linear integrity of an installation. An integral louver is available as a "glare guard" to keep LEDs from line of sight. Maximum channel length is eight feet.

RVC - 50 - 3000K - SP

<table>
<thead>
<tr>
<th>Extrusion Style</th>
<th>LED Spacing</th>
<th>LED Color</th>
<th>Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>Code</td>
<td>Code</td>
<td>Style</td>
</tr>
<tr>
<td>RVC</td>
<td>2700K</td>
<td>SP</td>
<td>25˚  x 80˚ Spread</td>
</tr>
<tr>
<td>RVCL</td>
<td>3000K</td>
<td>120D</td>
<td>120˚</td>
</tr>
<tr>
<td>Standard</td>
<td>5500K</td>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>With Louver</td>
<td>BL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mounting Brackets
Channels require fixed or adjustable brackets. A single bracket is required for lengths up to 1 foot. Two brackets are required for lengths up to 8 feet.

Fixed Bracket - Part# RV-FB
Adjustable Bracket - Part# RV-AB

End Caps
Reveler channels are provided with end caps on both ends of the fixture. There are openings for the lead wire to exit and prevent water from accumulating in the fixture.

RVC Series End Cap - Part# RVC-EC
RVCL Series End Cap - Part# RVCL-EC
Transformers

Tokistar magnetic transformers operate from a 120 VAC/60 Hz input and are fully dimmable with the appropriate style of dimmer suitable for the load. The 12 Volt secondary outputs have inherent circuit protection. Transformers are provided in enclosures rated Nema 3R and are suitable for wet locations. Transformers should be installed in an accessible location where there is free air circulation.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Outputs</th>
<th>H</th>
<th>W</th>
<th>D</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>T12-150</td>
<td>1 @ 150 Watt</td>
<td>9&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>5 lbs</td>
</tr>
<tr>
<td>T12-300</td>
<td>1 @ 300 Watt</td>
<td>9.5&quot;</td>
<td>4.5&quot;</td>
<td>3.5&quot;</td>
<td>8 lbs</td>
</tr>
<tr>
<td>T12-600</td>
<td>2 @ 300 Watt</td>
<td>10.5&quot;</td>
<td>4.5&quot;</td>
<td>4.5&quot;</td>
<td>15 lbs</td>
</tr>
<tr>
<td>T12-1200</td>
<td>4 @ 300 Watt</td>
<td>11.5&quot;</td>
<td>7&quot;</td>
<td>5&quot;</td>
<td>28 lbs</td>
</tr>
</tbody>
</table>

Sizes and weights shown are approximate and subject to change without notice.

Consult factory for transformers with inputs of 230 or 277 VAC.

Larger capacity transformers with multiple outputs can be centrally located and feed fixtures in either direction.

Specifications

Flexible Cable is #12 AWG with stranded and plated conductors

Lens Material is Polycarbonate with flammability rating UL 94V-0

Light Sources are 1.8 Watt /12 VAC LED modules

Insulation is flexible PVC approved to Standard UL 746C in accordance with UV and Water-Absorption ratings

Wet-Location Listed

CETL US

CE
**Light Distribution Curves**

**Test Criteria:**

- **Lamp:** 1.8 Watt/55 Lm/3000K

**Conversion Factor:**

- **Lamp**: Multiply by 1.09 for 1.8 Watt/60 Lm/5500K
- Multiply by 0.82 for 1.8 Watt/45 Lm/2700K
- Multiply by 0.36 for 1.8 Watt/20 Lm/Blue

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**Footcandle Summaries**

**Test Criteria:**

- **Lamp:** 1.8 Watt/55 Lm/3000K
- **Spacing:** 2” O.C. (50 mm)
- **Length:** 71” (1.8 M)
- **Reflectance Values:** Ceiling: 80% / Wall 50% / Floor 20%

**Conversion Factors:**

- **Lamp**: Multiply by 1.09 for 1.8 Watt/60 Lm/5500K
- Multiply by 0.82 for 1.8 Watt/45 Lm/2700K
- Multiply by 0.36 for 1.8 Watt/20 Lm/Blue

- **Spacing**: Multiply by 0.50 for 4” O.C. (100 mm) spacing
- Multiply by 0.33 for 6” O.C. (150 mm) spacing

- **Lux Value**: Multiply Footcandle Value by 10.764 to Determine Lux Value

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**On Wall**

**Fixture Orientation**

- 25˚ x 80˚ Spread Lens D = 4” (100 mm)
- 25˚ x 80˚ Spread Lens D = 8” (200 mm)
- 120˚ Lens D = 4” (100 mm)
- 120˚ Lens D = 8” (200 mm)

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**On Floor**

**Fixture Orientation**

- 25˚ x 80˚ Spread Lens
- 120˚ Lens