RD100 Tilt Adjustable Specifications

**Luminaire**
- Tilt Adjustable System: 360 degree horizontal rotation and 40 degree vertical
- Trimless for seamless integration into grade; optional stainless steel trim
- Snap in installation with no exposed hardware
- Sustainable design, replaceable LED module
- IP67, UL STD 1598, wet location, Pedestrian driveover rated 3000 lb
- Stainless steel 304 and ABS construction, direct concrete pour housing, with clear tempered glass 5/8" thick
- 1' (0.3m) feed cable standard

**Size**
- 4"ø (100mm) x 4.7" H (120mm) standard trimless
- 5"ø (125mm) x 4.6" H (117mm) with optional trim

**Power**
- H =10W, 2700K - 4000K, 900 lm

**Color Temperature**
- 27 = 2700K
- 30 = 3000K
- 40 = 4000K
- 2 Step MacAdam
- CRI: > 85

**Optics**
- SP = Spot 17°
- NR = Narrow 42°

**Voltage**
- 24 = 24VDC fixture voltage (remote driver required)

**Options**
- TR = stainless steel 304 trim, size: 0.3" (7mm)
- C1 = 10’ (3m) feed cable
- C2 = 20’ (6m) feed cable
- C3 = 30’ (9m) feed cable

**Housing**
- RD100T – Trimless (standard)
- RD100C – Trim

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**Ordering Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Color</th>
<th>Optics</th>
<th>Voltage</th>
<th>Options</th>
<th>Housing</th>
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<tbody>
<tr>
<td>F RDT100</td>
<td>H</td>
<td>27</td>
<td>SP</td>
<td>24</td>
<td>TR</td>
<td>RD100T</td>
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<td></td>
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<td>30</td>
<td></td>
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<td>C1</td>
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<td>35</td>
<td>NR</td>
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<td>C2</td>
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<td>40</td>
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<td>C3</td>
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<td>RD100C</td>
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1 Specify remote power supply separately below.

**Power Supply**

OT96-D010: 10% 0-10V dim, 96W, 24VDC, 120-277VAC, remote mounted, supplied in a dry location enclosure.

2 See power supply pages for details. No enclosure, unless stated. lm80 values shown.
**RD100 Tilt Adjustable Dimensions**

**Fixture**
- 3.94"Ø (100mm)
- 0.97" (25mm)
- 3.35" (85mm)
- 5/8" clear tempered glass
- Cable (1' standard)
- Trimless (standard)
- Trim (optional - TR)

**Housing**
- 4.7" (120mm)
- ABS housing
- 7/8" diameter knock out
- Trimless housing - side view
- Trim housing - side view

Inter-lux reserves the right to make technical changes without notice.
RD100 Tilt Adjustable Power Supplies

Single Color Drivers

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Part Number</th>
<th>Description</th>
<th>Case</th>
<th>Nominal Input Voltage (V)</th>
<th>Nominal Input Current (A)</th>
<th>Power Factor</th>
<th>Output Power Range (W)</th>
<th>Dimming Mode</th>
<th>Dimming Control</th>
<th>Dimming Range</th>
<th>Location Rating</th>
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<tbody>
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<td>OT96-D010</td>
<td>Osram 0-10V dim</td>
<td>96W Non-Dim</td>
<td>1</td>
<td>120 277</td>
<td>0.97 0.39</td>
<td>0.9</td>
<td>1-96 PWM</td>
<td>0-10V</td>
<td>10-100%</td>
<td>Dry</td>
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The installer and/or end user must take precautions to prevent and/or test the effects of EMI (electromagnetic interference). Maximum recommended load is 80% of driver rating.