EcoSystem® 2 x 2 foot Recessed Parabolic Digital Dimmable Fixture

Features
- Recessed parabolic 2 x 2 foot fixture
- Two lamp, 32 W, T8 twin tube compact fluorescent
- Dim smoothly and continuously from 100% to 10% or 1% measured light
- Designed to retrofit into standard NEMA Type G grid (suspended) ceilings
- Gypsum ceiling and surface mount options available
- Universal input voltage 120/277 V~
- UL and CUL listed, Class P thermally protected ballast
- Models available with EcoSystem sensor input whip (10% dimming model)

Description
- Ballast cover removes without tools
- Quick access plate for easy power connections
- 3 in deep, pre-anodized aluminum louvers with semi-specular finish, 9 cells
- Design provides true parabolic contour and maximum photometric efficiency with superior brightness control
- Integral seals prevent light leaks without the need for gasketing. Hinges and spring-loaded latches allow louvers to swing down for relamping
- Louvers are removable and reversible without tools

Construction
- Housing and ends are die-formed 22 gauge steel, with interlocking tabs and screws
- 22 gauge die-formed steel housing
- Heavy duty ends securely fastened to the housing
- Side mounted T-bar clips
- High reflectance low glare satin white reflector provides soft, uniform indirect light distribution
- Perforated white metal basket backed with acrylic diffuser to control glare and veiling reflections
- Shielding easily removed providing easy lamp access for relamping
- Quick access plate for convenient power connection
- Designed for NEMA Type G (grid). Consult factory for compatibility with other ceiling systems

Finish
- All metal parts pretreated with a phosphate bonding process and post painted with an electrostatically applied high temperature baked white enamel for superior quality and durability
- Reveal areas and hardware have non-reflective black finish to create a floating louver appearance

Dimming Performance
- Ballast: Hi-Lume® 3D H3D T832 C UNV 2 17
- Dimming range – 100% to 10% or 1%
- Power factor greater than .95
- Total harmonic distortion less than 20%
- Designed to withstand surge voltages of 4000 volts as specified in ANSI C62.41
- Better than Class A sound rating
- Ballast meets FCC Part 18 regulations for RFI/EMI
- No visible lamp flicker
- Ballasts strike lamps at any light level without first flashing to full light

Controls
The following controls are available for use with Lutron dimmable fixtures:
- GRAFIK Eye® QS
- Quantum®
- Maestro® Wireless
- Nova®
- Skylark®
- Vareo®
- GRAFIK Eye® Energi Savr Node™
- Nova T® Diva®
- Ariadni®

Lamps
- Requires two 32 W T8 6-inch U-shaped (FB32T8/6"u-bent/3500K) fluorescent lamps
- Consult lamp manufacturer for lamp seasoning requirements prior to dimming
- Lamps are not included with the fixture
### Product Dimensions

![Diagram of 2x2 Recessed Parabolic Fixture](image)

**Dimensions:**
- 23.75 in (length)
- 23.75 in (width)
- 5.625 in (height)

### Models, Ballast, Rated Current, Lamp Type, Input Power

<table>
<thead>
<tr>
<th>Models</th>
<th>Ballast</th>
<th>Rated Current</th>
<th>Lamp Type</th>
<th>Input Power</th>
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</thead>
<tbody>
<tr>
<td>FXSPG23222EU09</td>
<td>EC5 T832 G UNV 2 L</td>
<td>0.49 A @ 120 V</td>
<td>(2) 32W T8</td>
<td>59.1 W @ 120 V</td>
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<tr>
<td>FXSPG23222EU09EM</td>
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<td>0.22 A @ 277 V</td>
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<td>57.4 W @ 277 V</td>
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<td>FXSPG23222EU09W</td>
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<td>FXPG23222HD17U</td>
<td>H3D T832 C UNV 2 17</td>
<td>0.67 A @ 120 V</td>
<td>(2) 32W T8</td>
<td>76.9 W @ 120 V</td>
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<tr>
<td>FXPG23222HD17UEM</td>
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<td>0.28 A @ 277 V</td>
<td></td>
<td>75.4 W @ 277 V</td>
</tr>
</tbody>
</table>

*W suffix indicates prewired sensor whip
EM suffix indicates emergency ballast option

### Photometric Data

*Coming soon*