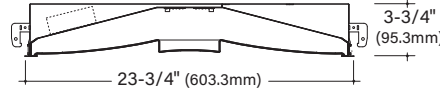


# LUCEN LU22

## 2x2 Architectural Recessed



### Key Features

- Boards and driver are specifically for Indigo Clean®
- Indigo Clean® is safe and effective at killing SARS-CoV-2, Influenza-A, Staph Aureus and a list of pathogens that negatively impact health
- Standard, white luminaire that provides on-demand disinfection when light is on
- Laboratory-tested disinfection
- Unlike UV disinfection, light is safe for occupants
- Proven effectiveness per independent lab test results
- Provides a cleaner, safer environment, even in areas normal cleaning doesn't reach



Example Part #: LU22-A-IC37-G1-U-ND-1-0-W



SHIELDING	CRI, CCT & OUTPUT	MOUNTING	VOLTAGE
<b>A</b> - Satine Lens	<b>IC32</b> - Indigo Clean LED, 3200K <b>IC37</b> - Indigo Clean LED, 3700K <b>IC43</b> - Indigo Clean LED, 4300K <i>Lumen Output pg. 2</i>	<b>G1</b> - 15/16" Grid <b>G9</b> - 9/16" Grid <b>GS</b> - Screw Slot Grid <b>FL</b> - Flanged <b>S</b> - Surface Mount <i>Mounting pg. 2</i>	<b>U</b> - Universal (120 thru 277V) <b>1</b> - 120V <b>2</b> - 277V <i>Voltage pg. 3</i>

DRIVER <sup>1</sup>	CIRCUITING	BATTERY & EMERGENCY	FINISH
<b>FSD</b> - Factory Select Driver (1%, 0-10v) <b>PL2</b> - Advance Xitanium (1%, 0-10v) <b>OL2</b> - eldoLED Optotronic (10%, 0-10v) <i>Driver pg. 3</i>	<b>1</b> - Single Circuit <b>E</b> - Emergency ( <i>entire fixture</i> ) <b>N</b> - Night Light ( <i>entire fixture</i> ) <i>Circuiting pg. 3</i>	<b>0</b> - None <b>1P</b> - Bodine 10W <b>1IC</b> - Iota 10W, CEC Listed <b>1G</b> - Bodine GTD <i>Battery and Emergency pg. 3</i>	<b>W</b> - White <i>Finish pg. 3</i>

FIXTURE OPTIONS <sup>2</sup>	CONTROLS
<b>TW</b> - Through-wiring <b>CP</b> - Chicago Plenum <b>AM</b> - Antimicrobial Paint <b>FW6</b> - 6' Flex Whip <b>GMF</b> - Slow Blow Fusing <b>PAF</b> - Paint After Fabrication <i>Fixture Options pg. 3</i>	<i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i>

<sup>1</sup> While we do offer dimmable driver options, please note that dimming is not recommended with Indigo-Clean fixtures as it can reduce the efficiency of disinfection. <sup>2</sup> Flex Whip (**FW6**) option not available with Chicago Plenum (**CP**) option.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



## Output

- 80 CRI R9 ≥ 23

## Indigo Clean LED

	Color	Watts	Shielding A	
			Satine Lens Lumens	LPW
IC32	3200K	30.4	2522	83
IC37	3700K	30.4	2587	85.1
IC43	4300K	30.5	2646	86.8

## Mounting

- LUCEN is offered with a universal flange for all grid types. See below for fixture placement in relation to the tile for each grid type
- Grid retention clips integral to housing and require mechanical attachment
- Tie off fixture to structure with retention wires
- Refer to installation instructions during installation at the jobsite
- Approved for dry/damp location when PAF is specified
- Maximum fixture weight is 15lbs - Surface Mount Box adds 10 lbs

G1	G9	GS	FL	S
<p><b>1" Grid Mount</b> Works with 15/16" grid ceiling types. See profile for fixture position in relation to ceiling grid and tile.</p>	<p><b>9/16" Grid Mount</b> Works with 9/16" grid ceiling type. For tegular tile installations, fixture position will not be flush to the bottom of the tile. See tegular tile profile image below.</p>	<p><b>Screw Slot Mounting</b> Works with screw slot and bolt slot grid ceiling types.</p>	<p><b>Flange Kit</b> A separate flange kit is supplied for installations into inaccessible or drywall applications. Flange kit ships from factory uninstalled separately from fixture.</p>	<p><b>Surface Mount</b> Utilize for hard lid ceiling applications. The 20 gauge steel frame easily secures to ceiling. Surface Mount Box adds 10 lbs</p>
<p>Standard Tile</p>	<p>Standard Tile</p>	<p>Tegular Tile</p>		<p>4-5/8" (117.6mm)</p>
<p>Tegular Tile</p>	<p>Tegular Tile</p>			



## Voltage

- Some LUCEN configurations will not accommodate all voltage options; consult with factory

<b>U</b>	Universal
<b>1</b>	120 volt
<b>2</b>	277 volt

## Driver

- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more Driver options, see Pinnacle Resource Guide
- Some LUCEN configurations will not accommodate all driver options; consult with factory

### 0-10V Drivers

<b>FSD</b>	Factory Select Driver 1%, 0-10v
<b>PL2</b>	Advance Xitanium 1%, 0-10v
<b>OL2</b>	eldoLED Optotronic, 1%, 0-10v

## Circuiting

- Select fixture circuiting from options below
- Some LUCEN configurations will not accommodate all circuiting options; consult with factory

<b>1</b>	Single Circuit
<b>E</b>	Emergency Circuit only (uses nIO EZ PH ER with NLIGHT)
<b>N</b>	Night Light Circuit only

## Battery & Emergency

- Select battery or emergency options if required
- Battery duration is 90 minutes
- Test button is integral to fixture
- For more Battery options, see Pinnacle Resource Guide

<b>0</b>	No Battery
<b>1IC</b>	Iota 10w Integral
<b>1P</b>	Bodine 10w Integral
<b>FSG</b>	Factory Select Automatic Load Control Relay (ALCR)
<b>GI</b>	Emergency Transfer Switch (ETS) DR Emergency Control Device
<b>GB</b>	Bodine GTD, Generator Transfer Device

### For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- 10 (watts) x 92.3 (LPW) = 923 battery lumen output

### Battery & Emergency Ordering Examples

- Single circuit, 10w integral battery      Ordering Code: 1-1P
- Emergency circuit only, 10w integral battery      Ordering Code: E-1P

## Finish

- Powder-coat white painted finish on exposed trim

<b>W</b>	White
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## Fixture Options

- Additional options to enhance the fixture and finish of the product

<b>TW</b>	Through-Wiring
<b>CP</b>	Chicago Plenum
<b>AM</b>	Antimicrobial Paint
<b>FW6</b>	Flex Whip 6'
<b>GMF</b>	Internal Slow Blow Fuse
<b>PAF</b>	Paint after fabrication

## Controls

- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

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