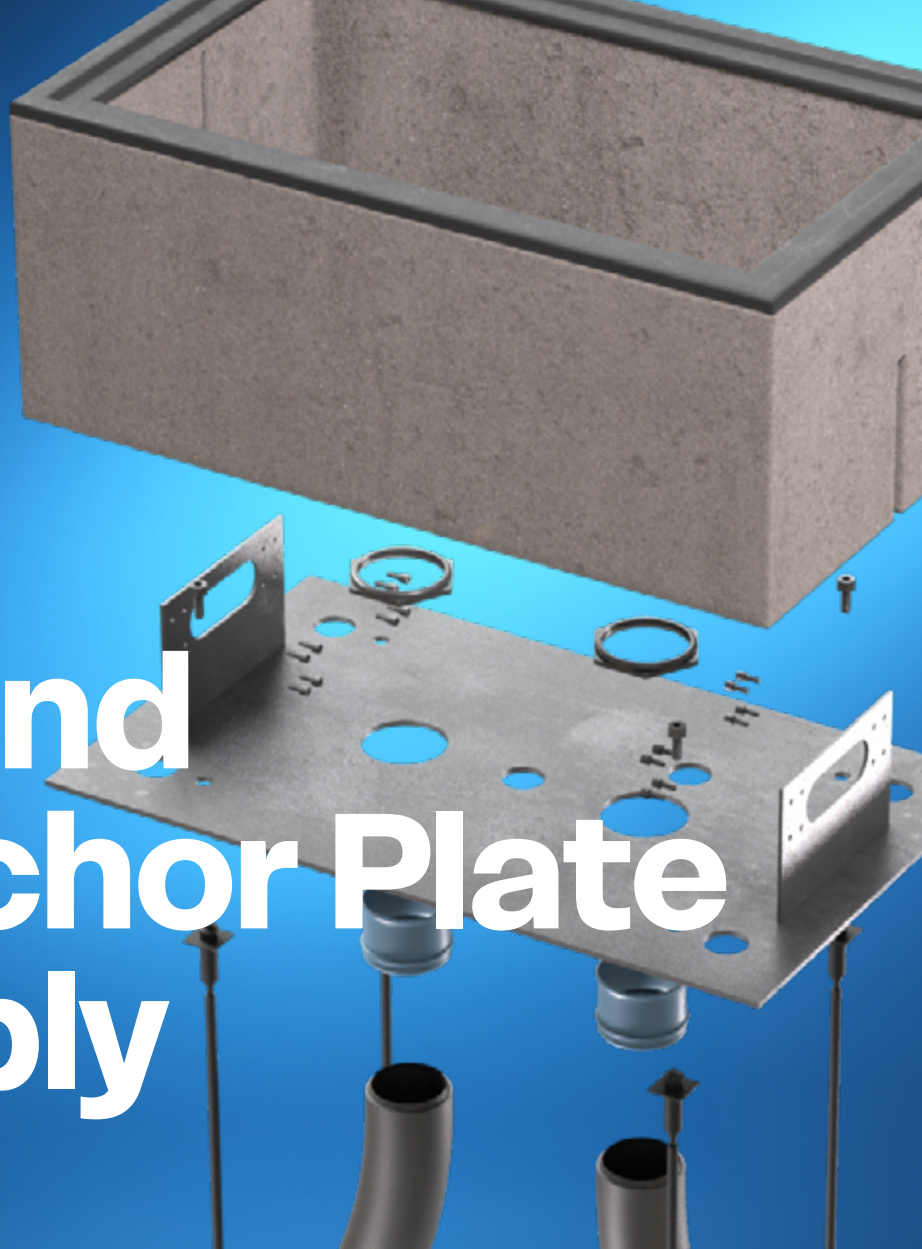




SCS 9.31

In-Ground Box Anchor Plate Assembly

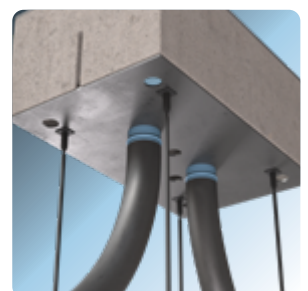
The SmartCycle SCS 9.31 In-Ground Box Anchor Plate Assembly

is a high-integrity, inground-mounted locking system engineered to protect critical lighting infrastructure wiring in high-risk environments. Designed to endure continuous vehicular traffic, the lid is built for long-term durability, with a minimum operational lifespan of 10 years when installed with a standard B1324 Christy concrete traffic box. The product is corrosion-resistant and tested for sustained exposure to environmental and mechanical

stress. At the core of its security features is a proprietary locking mechanism that sets a new standard in infrastructure protection. This advanced system requires two- or three-factor authentication to operate, significantly reducing the risk of unauthorized access and theft. The multi-layered authentication ensures only verified personnel can access the internal components, making it ideal for environments where security is paramount.

Key Features

- Application: Inground installation for securing lighting infrastructure wiring.
- System Type: Electronic locking with proprietary access control.
- Access Method: Two- or three-factor electronic authentication (App-based communication).
- Power Supply: Proprietary C4 Power source that powers the device.
- Benefits: Prevents wire theft, reduces maintenance costs, and improves freeway safety.



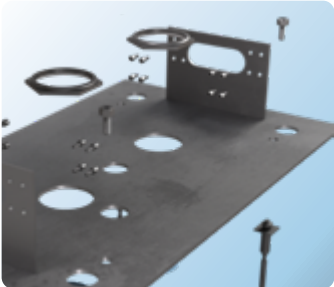
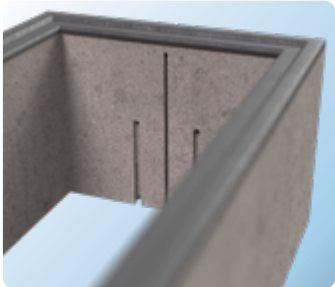
In-Ground Box Anchor Plate Assembly

Technical Specifications

PARAMETER	SPECIFICATION
LID BASE MATERIAL	Structural-grade carbon steel (ASTM A36 or equivalent)
BODY MATERIAL	Reinforced Concrete with Steel Frame
DIMENSIONS	Height: 12" Width: 24" Length: 13"
FINISH	Hot-dip galvanized per ASTM A123 / ISO 1461
OPTIONAL COATING	Powder coating or epoxy for enhanced corrosion resistance
LOCKING MECHANISM	Proprietary electronic lock, stainless steel construction, app-based multi-factor authentication
POWER SUPPLY	Proprietary C4 Power source that powers the device
LOAD RATING	Designed to withstand continuous vehicular traffic
INGRESS PROTECTION	IP67 or higher
TEMPERATURE RANGE	-40°C to +85°C
GALVANIZATION	ASTM A123 / ISO 1461
STEEL GRADE	ASTM A36 / AISI 1018 or equivalent
ENVIRONMENTAL STANDARDS	RoHS compliant (if applicable)

Advantages

- Protects lighting and electrical junctions from tampering and theft.
- Reduces maintenance and replacement costs for public infrastructure.
- Ensures consistent operation under severe weather and mechanical stress.
- Integrates secure access technology for operational efficiency.
- Enhances overall roadway safety and asset longevity.



Ordering Information

- Model:** SCS 9.31 — In-Ground Box Anchor Plate Assembly
- Options:** Standard or custom sizing; coating and hardware options available
- Lead Time:** 6–8 weeks typical production

Contact:

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