Profile

• Privately Held Since 1885
• Annual Sales: ~ $200 Million
• Caring Associates: ~ 500
• Divisions: Columbia Tech, CogmediX
• Space: ~ 300,000 SF
  • 6 Facilities including Multiple Clean Rooms

Core Strengths

• Accelerating time to market
• Reducing product cost
• Supply chain selection and management
• Successfully transitioning programs
• Intellectual property protection
• Positioning new products for successful scalable launch
  • **Ensuring you never miss a market opportunity**
Concept to Commercialization

Product Development → Design for Manufacturability → Scalable Launch

- Customer Idea Generation
- Proof of Concept (Experimental, Bench-Top)
- Concepts & Feasibility with a Modular Design Focus (Alpha)
- Sustaining & Value Add Engineering
- DFM, Design, Compliance, Prototyping, Documentation (Beta)
- Pilot Production & Enhanced Documentation
- Scalable Domestic Manufacturing
- Field Service & Aftermarket Services

Mastered Product Transition Process
Certifications/Registrations

Total Compliance Adherence
Coghlin Companies as a Partner

• Culture of **high ethical standards**

• **Creative solutions** to challenging problems

• **Breadth of experience** enabling cross-pollination of ideas across technologies and industry sectors, **thus reducing costs**

• **Proven team** of mechanical, electrical, software and manufacturing engineers augmented by external partners

• **Rapid prototyping** thru **full scaled production** to transforming innovative designs into commercialized, reliable products

• History of **philanthropy** supporting local, regional and national health, education and social service organizations

• Reliable, Responsive, Flexible, Referable
Columbia Tech Engineering has begun work with the Brilliant Light Power team to integrate the SunCell core technology into a fully packaged operational prototype.

Engineering challenges will include thermal management, sealing and material selection.

CT will also develop the control system for the Sun Cell assembly.

A phased development cycle and product release will be executed.

We are currently engaged in a Phase 0 Concept and Feasibility. Target start for Phase 1A Detail Design is November 1\textsuperscript{st}, subject to final Phase 0 deliverables and approved funding.

A small number of initial prototypes will be ready for field testing in friendly installations for stationary applications in approximately 6 months.

Pilot units will be available 6 months after the initial field test units.
SunCell Product Development

Currently Here

Phase 0 (in process)

Phase 1A
Design Cycle; Initial Proto

Test of Initial Proto(s)

Initial Field Test Unit

Gather Test Data

Design Refinements

Test

Pilot Units

6 months

6 months
Your Success is Our Passion