

LIGHTING + ELECTRONICS



precisionexpedited.com

Housings, heat sinks, and enclosures to print.

Fixture housings, heat sinks, lenses and bezels, electronics enclosures, and harnesses for lighting and electronics manufacturers. Precision Expedited sources CNC machining, sheet metal, injection molding, and finishing through a vetted vendor network. One contact coordinates metal, molded, and wired parts as one program, from first article through repeat production.

How We Review It

Your project manager and a technical lead review every print within 24 hours. For lighting and electronics we check thermal contact surfaces, cosmetic finish requirements, and fits between molded and machined parts, then match each part to the shop built for its volume.

What We Source

Metal, molded, and wired parts on one PO.

- **Fixture Housings** · Machined or formed
- **Heat Sinks** · Machined aluminum
- **Lenses + Bezels** · Molded clear resins
- **Electronics Enclosures** · Sheet metal, machined
- **Front Panels** · Machined, anodized, marked
- **Mounting Hardware** · Brackets and plates
- **Molded Housings** · Production tooling
- **Wire Harnesses** · Built to print

Specifications

- **Tolerances:** ± 0.005 " standard, to ± 0.001 " on critical features
- **Metals:** Aluminum 6061 + 6063, steel, stainless
- **Plastics:** Polycarbonate, acrylic, ABS, nylon
- **Finishes:** Anodize, powder coat, paint, laser marking
- **Documentation:** Material certs, FAI + PPAP on request
- **Quote review:** Within 24 hours

Before It's Built

Lighting and electronics parts get judged by how they look as much as how they fit. We flag cosmetic surfaces that need a callout, thermal interfaces that won't seat flat on a machined face, and housings that should move to molding at your next volume. You hear about it before the quote goes out.

Quality + Compliance

ISO 9001:2015

AS9100D Compliant

ITAR Registered

NIST 800-171 Compliant

Tolerances to ± 0.001 "

Inspection before shipment

FAI + PPAP available

Built Fast. Built Right.

Send us your files.

Scan or visit precisionexpedited.com/contact

