

# RH Lighting Solutions Capabilities Brochure

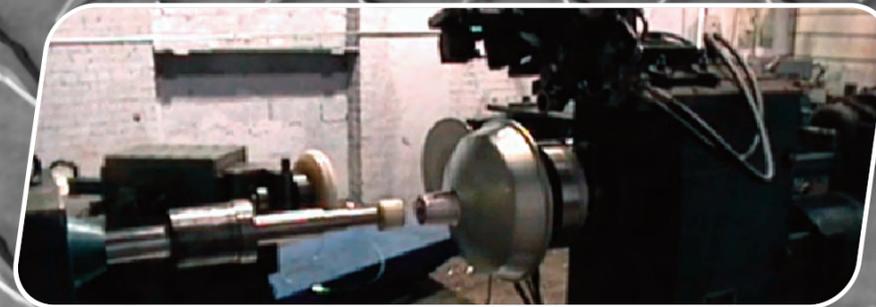
RH Lighting Solutions is an industry leader in precision spinning sheet metal fabrication, casting and machining.

With over 30 years of experience, the company is committed to being the leader in the supply of cost effective metal products and services for the Electrical Manufacturing, Construction, Aerospace, Military, and Government Sectors.

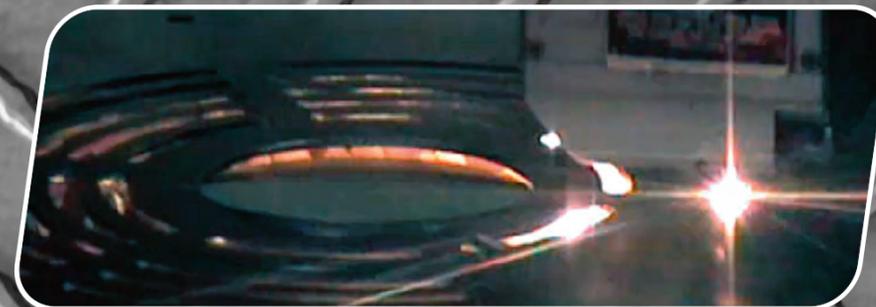
RH Lighting Solutions works closely with its customers to develop, manufacture, deliver, and support excellent metal products and services that enhance yield, quality, and throughput, while reducing cost.

Whatever a customer's needs are, from standard product to custom configurations; RH Lighting Solutions specializes in providing flexible solutions. We pride ourselves in matching the best products and service in the Lighting, Aerospace, Military, and Government Industries with an unequalled reputation for on-time delivery and ongoing technical support.

We are dedicated to providing quality metal products and services at competitive prices.



PRECISION  
METAL SPINNING



LASER CUTTING



CNC WIRE  
FORMING



CASTING  
FOUNDRY

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MILITARY GRADE  
COMPONENTS

ASSEMBLY AND  
FABRICATION

SERVING THE  
LIGHTING,  
ELECTRICAL  
MILITARY  
AND CONSTRUCTION  
INDUSTRIES

### Metal Spinning:

Metal Spinning is a forming technique for producing circular hollow components. RH Lighting Solutions employs manual, CNC automatic and shear spinning to form a range of aluminum alloys, copper, brass and steel. RH Lighting Solutions works with equipment manufacturers and Primary OEM suppliers to meet their requirements.

### Advantages to Metal Spinning:

- Low cost tooling
- Design flexibility
- Economical production at lower volumes
- Smooth transitions from prototype to production

### Product Possibilities:

- Cylinders
- Seamless Cones
- Reflectors
- Shaft Covers/Guards
- Stepped Covers
- Flange Covers

### Laser Cutting and Trimming:

RH Lighting Solutions has an industrial CO2 laser onsite for laser cut flat parts.

### Laser Cutting Advantages:

- Production at short notice, test your changes, build prototypes etc. .
- Unlimited design freedom combined with high quality precision cutting.
- Reduced cost per part: It is more economical to cut and bend many parts from sheet metal than to mill them from solid material.

### Casting - Sand:

We specialize in short and medium production run orders, ranging in size from 1 ounce to 1,000 pounds.

Our molding systems utilize wood, metal and plastic matchplates along with cope & drag, no-bake tooling and single loose patterns.

Core making is done by shell core, oil sand and no-bake methods.

With the flexibility of flask sizes from 12 inches square to 12 feet square, RH Lighting Solutions can pour to your specifications now!

### Fabrication Spinning - Laser Cutting, Welding, Stamping, Die-Forming

RH Lighting Solutions can produce your final product from start to finish with our versatile line of wire forming, metal stamping, press brake forming and welding equipment.

Our expanding line of modern machinery enables us to produce your welded product quickly and efficiently.

### Detailed Workmanship for Custom Products

Prototypes through Production - Whether you need one part or several thousands our facility can accommodate your requirement needs.

Manufacturing Efficiency - Our expanding line of machinery enables efficient production and quicker delivery.

Skilled Workmanship - Every part is produced with precision and care which ensures a quality product.

Finishing Services - Our network of reliable suppliers are able to provide various coatings including powder coating, plating, electropolishing and more.

### Final Assembly, Testing and Packaging:

Our customers depend on RH Lighting Solutions to integrate their manufactured parts into complete assemblies. Our welding and fabrication team pulls together our core spinning and laser cutting capabilities to provide better parts in less time.

# Lighting Products



Standard Dome  
12in, 14in, 16in, 18in



Step Neck Dome  
12in, 14in, 16in, 18in



Angled  
10in, 12in, 14in



Emblem Sign  
10in, 12in, 14in



Deep Bowl  
10in, 12in, 14in



Radial Wave  
16in, 20in



Shallow Dome  
12in, 14in, 16in



Downlight  
16in, 18in



Uplight  
16in, 18in



Ballasted Dome  
16in, 20in



Ballasted Cone  
16in, 20in



Metal Industrial  
16in, 18in



Plastic Industrial  
12.43in, 16in



Pendant  
12in, 14in, 16in

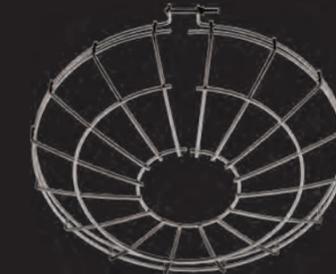


Wall  
12in, 14in, 16in



Gooseneck Mounting Arms

2 of 9 Styles



Wire Guards  
Diameter as required



Square Surface Mount Fixture  
12in Sq and 20in Sq



Round Bollard  
8in diameter



Square Bollard  
6in Square



Louvered Bollard  
8in Diameter



Cylinder  
6in Sq and 8in Diameter