

Patent Pending



## Incoplas™ LED Hybrid Hazardous Locations

The Incoplas™ LED Hybrid is a durable multi-purpose and corrosion-resistant LED lighting solution that can be used in heavy industrial applications where hazardous location lighting is required. This fixture can replace 100W and 250W metal halide lamps. The Hybrid uses thermally conductive engineered polymers to extract heat away from the light source and its natural convection allows for maximum thermal performance while minimizing energy costs.

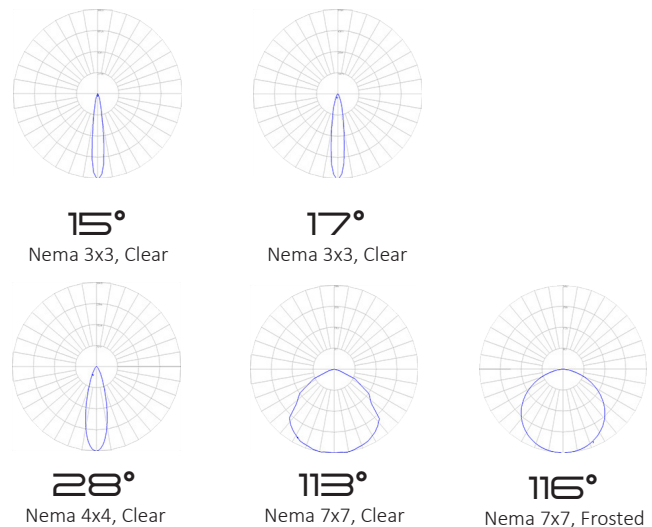
### Certifications:



### Specifications:

- 045HY50**      **45W / 5,600 Lumens / 70+ CRI**
- 090HY50**      **90W / 11,200 Lumens / 70+ CRI**
- CCT: 4000K, 5000K
- Efficacy: 124 LPW
- L70 > 60,000; Projected: >100,000+ hours
- Voltage: 120-277V
- Dimming: 0-10V
- Lens: Clear or Frosted Polycarbonate
- Laminated Glass Lens Optional
- Weight: 7.5 pounds
- Temperature Rating: T3C (Class 1), T4 (Class 2 & 3)
- Operating Temperature: -22°F to 113°F; -30°C to 45°C
- Dimensions: 13" L x 10.25" W x 5.6" H
- Warranty: 5 year limited warranty
- 1/2" or 3/4" Stainless Steel NPT Connector Hub

### Beam Angles:



## Hazardous Classifications:

### Class 1: Flammable gases & liquids

Division 2: The hazardous atmosphere is only available infrequently (i.e. in case of spill).

Groups A, B, C, D: Includes acetylene, hydrogen and similar gases to it, plus common flammable substances such as butane, gasoline, natural gas and propane.

### Class 2: Dust

Division 2: The hazardous atmosphere is only available infrequently (i.e. in case of spill).

Groups F, G: Group F contains dusts consisting of or containing carbon or its compounds (i.e. coal), and Group G dusts are non-conductive dusts (i.e. grain, wood or plastic).

### Class 3: Fibers or Flyings

Contains easily ignitable fibers or flyings, but the concentration of these fibers or flyings are not suspending in the air in such quantities that would produce ignitable mixtures.

## Mounting Options



Flood



Pendant



Surface



Trunnion Surface

Adjustable  
Wall Pack

Stanchion

## Applications

Gas Stations, Grain Elevators, Food Processing, Distilleries, Chemical Plants, Refineries, Pulp and Paper Mills, Power Generation, Wastewater Treatment Plants, Ship Yards, Mines, Petroleum

## How to Order



Simply visit the website below to configure your fixture:  
<http://www.shatshield.com/hazloc-hybrid-builder>



Call **(800) 223-0853** for help or questions when configuring your Shat-R-Shield fixture.