

## LIGHTING

SERIES 958:

### MACHINE AND MAGNIFIER LAMPS

SERIES 958:

#### MAGNIFIER LAMP

- 60 watt, 110 volt, incandescent bulb.
- 4" round magnifier 3x with small 7x magnifier for extra detail.
- 32" swing arm assembly.



#### MACHINE LAMP

- Up to 32" extension.
- 4-way mounting clamp.
- Rated up to 75 watts.
- 360° swivel spring balanced arm of durable construction.



### MAGNETIC LAMP

SERIES 239:

Flexible arm allows any projection angle of light. UL power supply cord and 60VA rating. With a powerful high strength ALINCO permanent magnet. Dimension of magnetic base body: L (2.28") x W (2") x H (20.4"). Magnet attraction: 110 lbs.



|                   |
|-------------------|
| Order No. 9580008 |
| Price             |

|                   |
|-------------------|
| Order No. 9580009 |
| Price             |

|                   |
|-------------------|
| Order No. 2390013 |
| Price             |

### FLUORESCENT FIXTURES

#### IP67 (WATERPROOF UNDER PRESSURE)

Perfect For Washdown Applications

#### APPLICATION

These powerful, industrial strength, fluorescent fixtures provide exceptionally bright and natural white light (4100K), over a wide surface area. They are built to endure the harshest machine and industrial environments, including severe levels of water/coolants/ lubricants, vibration, dust and flying metal debris. Ideal for machining centers, inspection stations, presses, EDMs, screw machines and industrial task lighting.

#### VIRTUALLY INDESTRUCTIBLE ACRYLIC LENS

The "Super Acrylic" outer casing (lens) is remarkably resilient, virtually unbreakable, and lightweight for use in the most hostile environment. It is built to endure extreme vibration while remaining waterproof in the wettest conditions. Optional polycarbonate and borosilicate lenses are available.



#### HIGHEST QUALITY

Specifically designed for your machine tool or your production machine. The entire series is rated IP 67 (waterproof under pressure ) assuring resistance to moisture and coolant drenching. Secure bulb mounts ignore machine vibration. Standard, off the shelf bulbs are available worldwide offering an average life of 10,000-12,000 hours. "Super Acrylic" lenses resist flying debris and chips. Ballasts are pre-drilled for mounting, easily serviceable, and mounted away from the fixture for maximum operator safety and to ensure long life. Oil resistant (SJT), 25 ft., grounded, cording is standard. All fixtures ship complete with bulb for "Plug 'N Light" installation.



| Model No. | Watts | Lgth  | Lumen Rating | Rated Hrs | Volts   | Hz    | Order No. | Price | Replacement Bulb Model No. |
|-----------|-------|-------|--------------|-----------|---------|-------|-----------|-------|----------------------------|
| FLP-2600  | 26    | 10.5" | 1500         | 10,000    | 120/240 | 50/60 | 9582600   |       | PL-C-26W-4                 |
| FLP-3600  | 36    | 20.5" | 2900         | 12,000    | 120/240 | 50/60 | 9583600   |       | FT36DL /841                |
| FLP-5500  | 55    | 25.5" | 4800         | 10,000    | 120/240 | 50/60 | 9585500   |       | Dulux L 55W/21-840         |
| FLP-8000  | 80    | 26.5" | 6000         | 10,000    | 120/240 | 50/60 | 9588000   |       | PLL80W841                  |

\* All fixtures in the MILLENNIUM SERIES are standard with customer adjustable ballasts

### FLUORESCENT GOOSENECK LAMP

WATERPROOF UNDER PRESSURE



#### APPLICATION

The Series 900 design was created to offer exceptional functionality as well as withstand the harshest machine and industrial environment using heavy coolants and liquids.

This waterproof fixture is virtually shatterproof even in the most hostile environments such as vibration, coolants and liquids, dust, and flying metal debris.

#### SUPERIOR FEATURES

- Waterproof
- 10-1/2 inch acrylic globe is virtually shatterproof.
- 13 watts rough surface fluorescent, 4100 degree Kelvin bulb offers pure natural white natural light over a large surface area. The rough surface is 10 times more impact-resistant than standard fluorescent bulbs.
- The dual neck system offers "stay-in-place" positioning virtually forever.
- Field proven water-tight base protects the expensive ballast.
- 6 feet of SJT oil-resistant cabling with grounded plug.
- Use standard off-the-shelf Phillips or Osram bulb found easily anywhere in the world.
- Fluted base offers simple mounting.



| Model No.                             | Description                                   | Order No. | Price |
|---------------------------------------|---|-----------|-------|
| FLP-900-20                            | Beaded Fluorescent Gooseneck 110 volt 13 watt |           |       |
| <b>OPTIONAL ACCESSORIES</b>           |   |           |       |
| HLP-29-005 Surface Plate              |   | 9580295   |       |
| HLP-22 Wall Bracket                   |   | 9580010   |       |
| HLP-23 C' Clamp                       |   | 9580011   |       |
| HLP-30 Magnet Base Assembly (8" x 8") |   | 9580012   |       |
| PL13/41CW-RS 13 Watt Replacement Bulb |   | 9580013   |       |
| FLP-08 Magnet Cord Holder             |   | 9580108   |       |

| Model No.  | Order No. | Price |
|------------|-----------|-------|
| FLP-900-20 | 5890020   |       |

**LIGHTING**  
SERIES 958:



**HALOGEN LAMPS**  
**(12/24 VOLT VERSION)**

**IP67 (WATERPROOF UNDER PRESSURE)**  
**IDEAL FOR HOSTILE MACHINE ENVIRONMENTS**

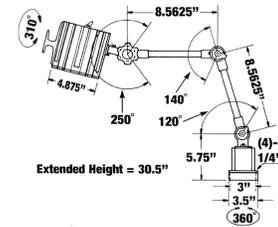
**Perfect For Washdown Applications**

**APPLICATION**

The new Tough Guy Series (HLP-1000) of Halogen Lighting fixtures are designed and built to meet the demands of the most hostile machine and industrial environments in terms of heavy coolant/lubricants, vibration, and flying metal chips.

**SUPERIOR FEATURES**

- 5" head is molded as a single piece of extruded aluminum. This offers a waterproof head for maximum reliability in a harsh coolant application.
- Articulated arms, elbow joints, and bases are waterproof, keeping the light dry in even the most hostile coolant and lubricant environments.
- Superior chip-resistant tempered glass lenses offer your operation maximum safety, provides maintenance-free operation, and ease of cleaning. No protective guards are needed that can fracture the light source.
- Large positioning knobs are standard. Once positioned, each light will withstand the most hostile coolant and vibration environment without movement. Up to five points of adjustment. Base offers 320 degree swivel providing accurate light disbursement to the work area.
- Bulbs are easily replaced by removing the front 6 screws and tempered glass lens.
- 70 watt/24 volt halogen bulb is standard with each fixture offering intense white light to the operator and application. Fixtures will also accommodate 70, 50, and 20 watt halogen bulbs. If a 12 volt fixture is required, simply replace the 24 volt bulb with a 12 volt bulb.
- Made of anodized extruded aluminum that won't rust over time and ships standard with 6 feet of SJT oil-resistant cable.
- The Tough Guy 1000 Series of halogen machine tool lights operates with an external 12 or 24 volt transformer or can be wired directly to the 12 or 24 volt outlet in the machine control panel. Operator safety is enhanced without danger of electric shock.



| Part No.    | Description                               | Order No.      | Price |
|-------------|---|----------------|-------|
| HLP-1000L   | 34" Long Arm /<br>Extended Height = 44"   | <b>9581000</b> |       |
| HLP-1000M   | 20" Medium Arm<br>Extended Height = 30.5" | <b>5810001</b> |       |
| HLP-1000S   | Short Arm<br>Extended Height = 13.5"      | <b>5810002</b> |       |
| HLP-T12/120 | Coil Transformer<br>12/120 Volt           | <b>9512120</b> |       |
| HLP-T24/120 | Coil Transformer<br>24/120 Volt           | <b>9524120</b> |       |

**Ordering Instructions:**  
**Light & Transformer**  
**purchased separately;**  
**please specify.**

| Part No.                    | Description                   |
|-----------------------------|-------------------------------|
| <b>OPTIONAL ACCESSORIES</b> |                               |
| HLP-22-1000                 | Wall Bracket / Machine Bkt.   |
| HLP-30                      | Magnet Base Ass'y (8"x8")     |
| FLP-8                       | Magnetic Cord Holder          |
| HLP-99-1000                 | Fuse 1.00 / 4                 |
| HLP-23                      | 'C' Clamp                     |
| <b>BULBS</b>                |                               |
| HLP-55-H3-12                | 55 Watt Bulb - 12 volt H-3    |
| HLP-70-H3-24                | 70 Watt Bulb - 24 volt H-3    |
| HLP-75-B1-12                | 75 Watt Bulb - 12 volt Bi-pin |

**HALOGEN GOOSENECK LAMPS**

**IP54 (Splashproof)**

110 Volt Version

**APPLICATION**

Recommended for dry environments.

**SUPERIOR FEATURES**

- 35 watts of halogen natural white light standard.
- Transformer built into the base. Fixture can be plugged directly into a 110 volt power source.
- Designed with highly efficient plastic beads over a coaxial cable that hold the light in position vertically forever. Neck will not loosen over time.
- Heavy duty plastic head with on/off switch offers maximum safety.
- Magnets, machine bracket and surface plate available.



| Part No.                               | Description                                | Order No.      | Price           |
|--|--|----------------|-----------------|
| HLP-005-14                             | Long Neck - 14 Beads - 35 Watts 110 Volts  | <b>9580514</b> | <b>\$235.75</b> |
| HLP-005-20                             | Extra Long - 20 Beads - 35 Watts 110 Volts | <b>9580520</b> | <b>\$223.95</b> |
| <b>OPTIONAL ACCESSORIES &amp; BULB</b> |  |                |                 |
| HLP-24-005                             | Magnet                                     | <b>9580245</b> |                 |
| HLP-29-005                             | Surface Plate                              | <b>9580295</b> |                 |
| FLP-8                                  | Magenetic Cord Holder                      | <b>9580108</b> |                 |
| HLP-35-MR                              | Watt Replacement Bulb                      | <b>9580135</b> |                 |
| 16-12 35                               |  |                |                 |



**LIGHTING**