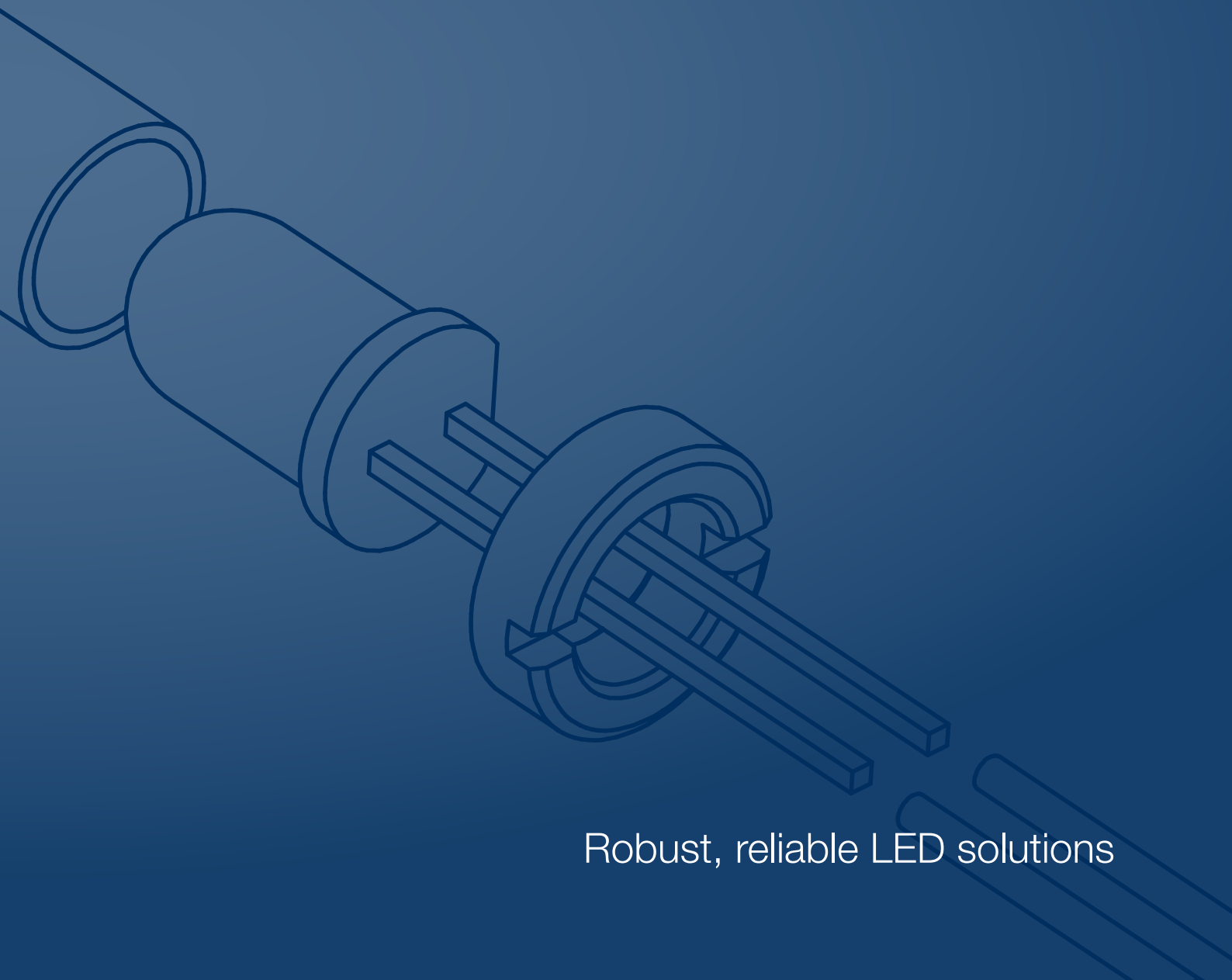




# LED Panel Lamps

and Bulb Replacement



Robust, reliable LED solutions

# LED Panel Lamps and Bulb Replacement

Oxley is a pioneer in the design and manufacture of LED panel lamps. As an established company with over 70 years' experience we are respected globally for our innovative LED products that are proven in use across a wide range of applications.

All product ranges have been designed to ensure a robust, reliable and high quality construction. Oxley panel lamps are a modular design available in a wide range of styles, mounting hole sizes and specifications. The range covers both standard and high specification options specifically designed for Military, Aerospace, Industrial, Oil & Gas, Rail and Commercial market sectors.

Options available below:

- A** Flying leads
- B** Integral resistors
- C** Black, anodised aluminium
- D** Coloured lenses
- E** Prominent lens
- F** Available in standard & high intensity colours; White, Green, Blue, Yellow & Red
- G** IP66 panel sealing
- H** IP67 panel sealing
- I** IP68 panel sealing
- J** Sunlight visible under 10,000 lux ambient light
- K** Electrostatic screen
- L** NVG compatible
- M** Tag terminals
- N** Anti-reflection coated lens

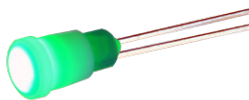
Advanced panel lamps are intended for the more demanding of applications with metal housings and glass lenses. Optical features include specific viewing angles, sunlight readability and night vision goggle (NVG) compatibility. All lamps have an MTBF in excess of 100,000 hours and are screened for 100% performance reliability.

Oxley lamps are ideal to be used on aircraft, ships, submarines, vehicles, military systems and in ground base stations.

## MI/5 Series

- 5mm mounting
- Fast, easy push fit mounting
- 80° viewing angle
- -40°C to +85°C operating and storage temperature

**A D G**



## OXL/CLH/63 Series

- 6.35mm mounting
- 80° or 100° viewing angle
- -40°C to +85°C operating and storage temperature
- Corrosion resistant body

**A B C D E F**



## OXL/CLH/80 Series

- 8mm mounting
- 80° viewing angle
- Standard protective reflective cone bezel
- -40°C to +85°C operating and storage temperature

**A B C D E F G H**



## OXL/CLH/100 Series

- 10mm mounting
- 80° or 100° viewing angle
- -40°C to +85°C operating and storage temperature
- Available in 2 & 3 LED indication

**A B C D E F**



## OXL/MIL50 Series

- 5mm mounting
- 60° viewing angle
- -40°C to +85°C operating temperature
- -55°C to +100°C storage temperature
- Ideal where panel space is at a premium
- Anodised bezel

**A H J K L M**



## PS/LH/8 Series

- 8mm mounting
- 60° or 100° viewing angle
- -40°C to +85°C operating temperature
- -55°C to +100°C storage temperature
- DESC 87019, 85122 approvals

**A F H I J K L**



## STR/LH/8 Series

- 8mm mounting
- 60° or 100° viewing angle
- -40°C to +85°C operating temperature
- -55°C to +100°C storage temperature
- Available in stainless steel
- Available in 2 & 3 LED indication

**A I J K L M**



## STR/LH23 Series

- 10mm mounting
- 100° viewing angle
- -40°C to +85°C operating temperature
- -55°C to +100°C storage temperature
- Available in 2 & 3 LED indication

**A I J K L M**



## STR/LH10 Series

- 10mm mounting
- 60° to 100° viewing angle
- -40°C to +85°C operating temperature
- -55°C to +100°C storage temperature
- Available as STR5/LH10
- Available in 2 & 3 LED indication

**A D E G**



## STR5/LH/8 Series

- 8mm rear mounting
- 30°, 60° or 100° viewing angle
- Removal from chassis possible without removing terminals
- -55°C to +100°C operating and storage temperature

**A D G I K**



## STR501/LH/8 Series

- 8mm rear mounting
- 30°, 60° or 100° viewing angle
- Removal from chassis possible without removing terminals
- -55°C to +100°C operating and storage temperature

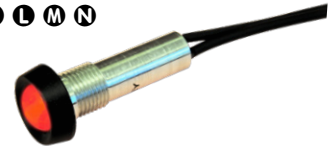
**A D G I K**



## STR/NLH Series

- 8mm mounting
- 80° viewing angle
- -40°C to 85°C operating temperature
- -55°C to +100°C storage temperature

**A I J L M N**



## DESC 85122 Series

- 8mm mounting
- DESC approved for use in DoD projects
- Approved to DESC drawing 85122
- Glass and metal construction
- 100% screened against Table I and II of DESC drawing 85122. Including burn-in, seal temperature cycling and luminous intensity
- -55°C to +100°C operating and storage temperature
- Chromate body finish available

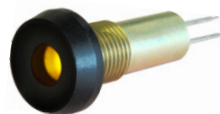
**A D G**



## DESC 87019 Series

- 8mm mounting
- DESC approved for use in DoD projects
- Approved to DESC drawing 87019
- Glass and metal construction
- 100% screened against Table I and II of DESC drawing 87019. Including burn-in, seal temperature cycling and luminous intensity
- -55°C to +100°C operating and storage temperature

**A D G**



## ELED/682 Series

- Reduces power consumption
- 130° viewing angle
- Meets MEL-DTL-6363H/6363/6A
- -40°C to +85°C operating and storage temperature

**D F**



## ELED/ELED/1750/1 Series

- Reduces power consumption
- 130° viewing angle
- Meets MIL-DTL-6363H/8A
- -40°C to +85°C operating and storage temperature

**D F**



## ELED/BA9s Series

- Multi-voltage operating range 12V to 60V
- Bi-polar
- 100,000 hours mean time between failure
- Minimum strike up voltage \*VDC/VAC
- Replaces standard BA9 incandescent bulbs

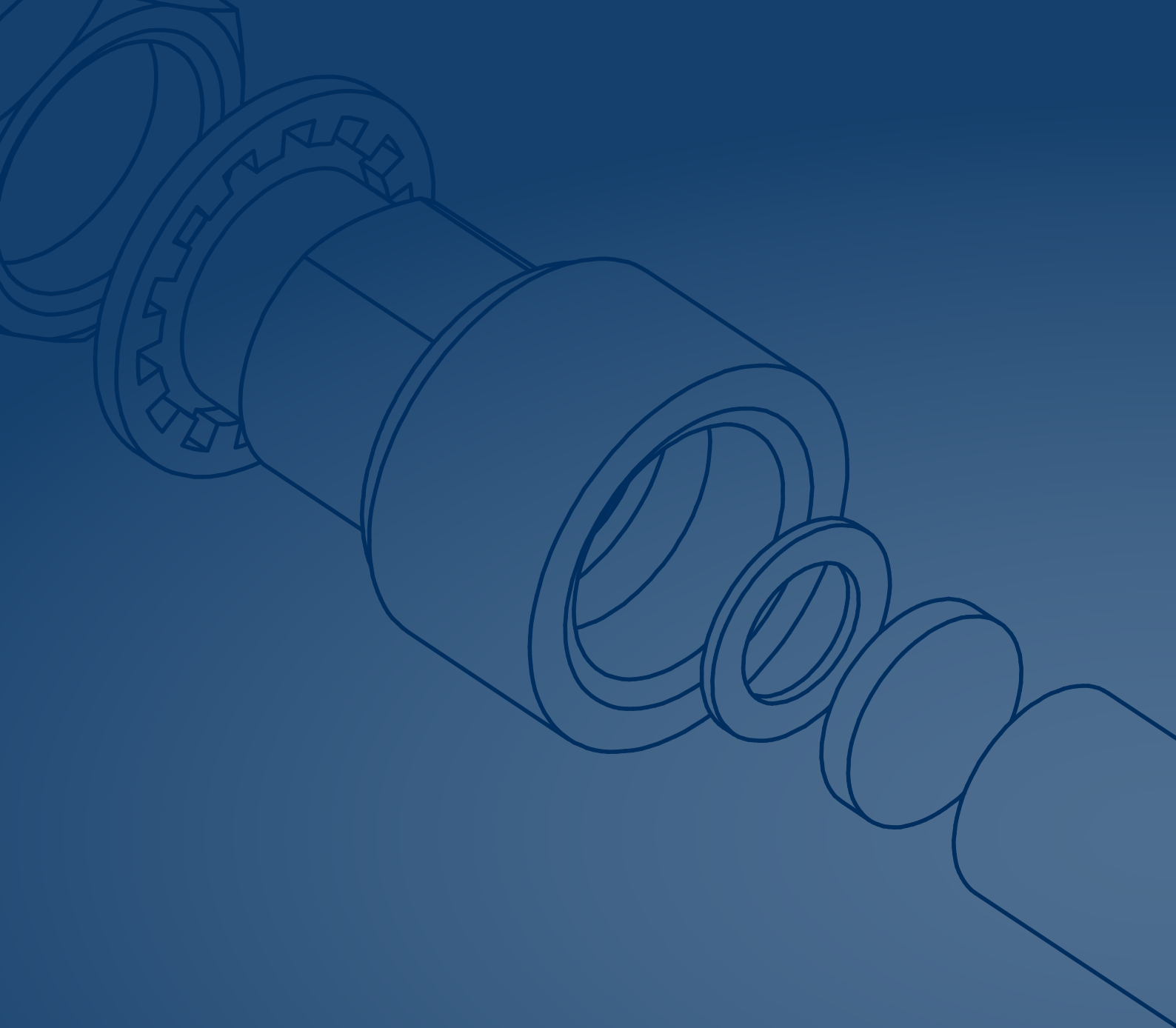
**D**



## ELED/T5.5 Series

- 5mm mounting
- 120° viewing angle
- Voltage and current options
- -20°C to +80°C operating and storage temperature





---

**Oxley Group UK**

Priory Park Ulverston Cumbria LA12 9QG United Kingdom  
t: +44 (0) 1229 582621 f: +44 (0) 1229 581851  
sales@oxleygroup.com

**Oxley Group USA**

31 Business Park Drive Branford CT 06405 USA  
t: +1 (203) 488 1033 f: +1 (203) 481 6971  
info@oxleygroup.com