

Superior light control and long term reliability

Alignment

Thermal Management

LED Optic

Housing Internal Environment

Heat Sink

- Unique convective air cooling design
- High thermal conductivity, corrosion resistant construction
- Machined mounting surface for maximum heat transfer of the diode assembly
- Maintains low LED junction temperature during high wattage operation

Knuckle Assembly and Connection Plate

- Factory aimed to within 0.2 degree accuracy
- Maintains alignment in up to 150 mi/h (67 m/s) winds
- Internal wiring protected from elements
- Completes integration of lighting to structural and electrical components

Lens

- Permanently sealed to keep optics away from harmful environmental elements
- Vented and filtered to adapt to environment
- Impact-resistant, tempered glass for strength

Diode Assembly

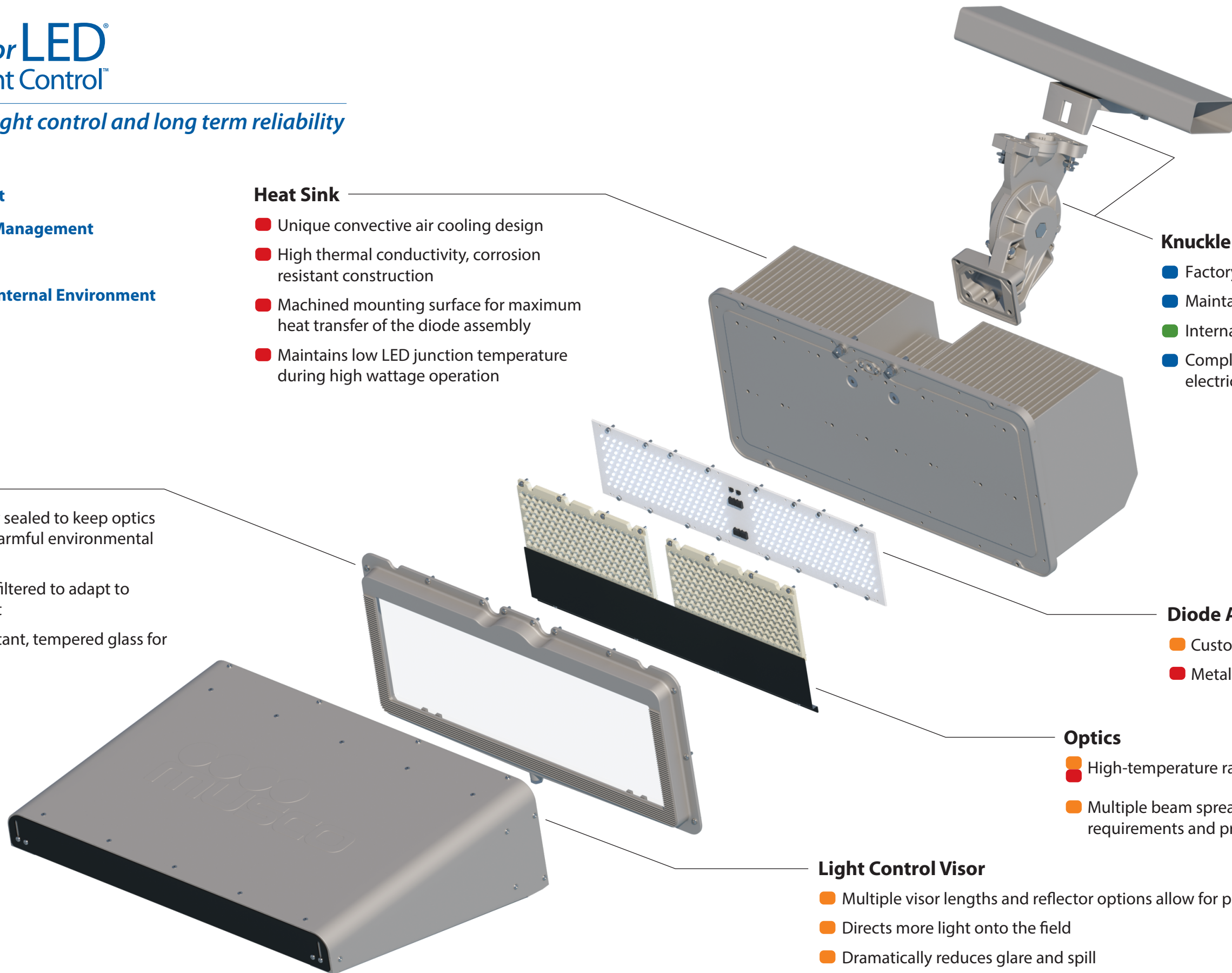
- Custom high-power diode package
- Metal core printed circuit board

Optics

- High-temperature rated materials for long life
- Multiple beam spreads to meet custom project requirements and provide maximum light control

Light Control Visor

- Multiple visor lengths and reflector options allow for precise light control
- Directs more light onto the field
- Dramatically reduces glare and spill
- Enhances on-field playability



TLC-LED-1500