The HL Compact is a space efficient LED headlight specifically designed to be installed on slow moving machines. It is an attractive drop in replacement for old halogen headlights on wheeled excavators, terminal tractors, wheel loaders and dump trucks. ECE R 112, ECE R 87, ECE R 7 and ECE R 10. The external indicator complies to ECE R6, categories 1 and 6.

**SUGGESTED APPLICATIONS**

The HL Compact is highly adaptable and can be used across numerous applications worldwide, including:

**CONSTRUCTION**  **MATERIAL HANDLING**  **MINING**  **PORT MATERIAL HANDLING**

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**TECHNICAL DATA**

- **Housing Material:** Cast Aluminium
- **Mounting Options:** Recessed
- **Lens Material:**
  - Outer: Hardcoated Polycarbonate
  - Inner: Plastic
  - Colour: Clear
- **Temperature range:** -40 to +70 °C
- **Connector:** 150 mm cable with Deutsch DT, 6 pins
- **Operating Voltage:** 24 VDC
- **Current Draw:**
  - Highbeam: 1.8 A
  - Lowbeam: 1.0 A
  - DRL: 350 mA
  - Position Light: 40 mA
- **Output:**
  - Low beam 700 effective lumen
  - High Beam 1500 effective lumen
- **Weight:** 1.15 kg / 2.54 lbs

**TEST STANDARDS**

- **Overheating Protection**
- **Over-voltage Protection**
- **Polarity Protection**
- **Salt Spray ASTM B117 500 h**
- **Vibration 5-2000 Hz 3 Axis, 10 Grms**
- **Shock Tested 50 G 11 ms**
- **IP69K**
- **ECE R112 High/Low Beam**
- **ECE R87 DRL / ECE R7 Position**
- **ECE R10 EMC**

TYRI’s testing standards can be found at: www.tyriLights.com

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**SCALE 1:2**

**LED HEADLIGHT (LHD)**

**REFERENCE**

**DESCRIPTION**

**DATE**

**DRAWN BY**

**PART NUMBER**

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**SHEET 1 OF 1**

**THIRD ANGLE PROJECTION PT-2993**

**B. WARD 11MAR16**

**ISSUED CHG REVISION**

**UNLESS OTHERWISE STATED ALL DIMENSIONAL TOLERANCES ARE IN ACCORDANCE WITH STANDARD ISO 2768-m**

**UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MM’S**

**IF IN DOUBT, ASK**

**DO NOT SCALE DRAWING TOLERANCES T25023933**