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LED Work Lamps

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LED HypaLUME 48V DC RFCommSafe Flood Light

The 48V DC RFCommSafe HypaLUME has been designed for applications where high performance LED lighting is required. 56 high power LEDs produce an output of some 28,000 lumens while only consuming 300 Watts at 48V DC. The lights have a colour temperature of 5700K to provide a work environment that is the optimal balance between fatigue avoidance and high alertness. High performance Grilamid lenses protect the interior of the lamp from impact and environmental damage. The premium aluminium housing is corrosion resistant with a non-stick and easy to clean surface coating. The built-in soft start feature eliminates a high in-rush current at start up.

**Part Number**

- 1GJ 011 872-221 CLOSE RANGE
- 1GJ 011 872-231 LONG RANGE
- 1GJ 011 872-241 FLOOD

**Mounting**

- Upright or pendant.

**Voltage**

- Optimum brightness at input voltages from 46 to 53 volts.

**Power Consumption**

- 300 Watt @ 48V DC input

**Operating Temperature Range**

- -40°C to +50°C

**Max. Light Output**

- 28,000 lumen

**Protection**

- Reverse polarity and voltage spike protection.
- IP 6K9K (Fully sealed against dust and high-pressure/steam jet cleaning)

**Input Voltage**

- <39V DC Lamp will shutdown

**Input Voltage of 40 to 46V DC**

- The outer LEDs on each side of the lamp will be turned OFF to ensure that the remaining LEDs are still operating at target current.

**Input Voltage of 53 to 55V DC**

- Light output will be limited to 70% output level to protect the lamp.

**Input Voltage of 55 to 60V DC**

- Light output will be limited to 40% output level to protect the lamp.

**Input Voltage >60V DC**

- Lamp will shutdown.

**Tolerance to Generator Induced Voltage Ripple**

- A maximum peak to peak voltage of 6.2V DC. Generator must be adjusted so that the lowest point of the ripple is 45V DC.

**Dimming Levels**

- (Controlled through PIN 4) Five light output levels: 100%, 70%, 40%, 20%, 10%

**Soft Ramp-up/Soft Ramp-down**

- (Controlled through PIN 3) The light output is increased in 5% steps. Each step takes 200 ms to complete (100% brightness in 4 seconds).

**Temperature Protection**

- If the lamp temperature rises above 85°C, the light output level will reduce by 1 level. When the lamp temperature reduces below 80°C the light output level will increase to previous set level.

**Connection**

- 4 Pin Deutsch connector

**Accessory**

- 8KB 958 304-001 4 Pin Deutsch plug and 1m sheathed cable

**Approval Markings**

- CE, ,

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**BEAM PATTERNS**

**LED HypaLUME 48V DC - Close Range**

- 5m high at 15°

Beam Patterns continue over to the next page.
AS3000 WORK LAMP

AS3000 RFCommSafe Work Lamp - Heavy Duty

The AS3000 is a high output, compact and highly versatile heavy duty work lamp for use on mining machinery. A multi-adjustable bracket ensures accurate, stable aiming in high vibration environments. Option of three light patterns, long range, close range or flood.

Part Number

| Part Number          | 12 VOLT | 24 VOLT |  |  
|----------------------|---------|---------|-
| 1GA 958 060-011      | CLOSE RANGE | | |
| 1GA 958 060-011      | LONG RANGE | | |
| 1GA 958 060-601      | FLOOD | | |

Mounting

Upright or pendant.

Power Consumption

<table>
<thead>
<tr>
<th>Mode</th>
<th>12V</th>
<th>24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>High intensity mode</td>
<td>45W</td>
<td>45W</td>
</tr>
<tr>
<td>Low intensity mode</td>
<td>20W</td>
<td>12W</td>
</tr>
</tbody>
</table>

Max. Light Output

3000 lumen

Protection

Reverse polarity and voltage spike protection. IP 6K7 (Protection against temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)

Cable Length

Pre-wired with 2.5m of sheathed multi-core cable

Approval Markings

CE

BEAM PATTERNS

LED HypaLUME 48V DC - Long Range

5m high at 5°

LED HypaLUME 48V DC - Extra Wide

5m high at 5°

➔ LED HypaLUME 48V DC Close Range Beam Pattern is displayed on previous page.
LED BL350 Work Lamp

The BL350 LED Work Lamp incorporates the latest technology to offer a powerful, durable lighting solution for a multitude of applications. Featuring energy efficient Multivolt technology, this Work Lamp will appeal to applications where energy efficiency and reliability are a must. These lamps offer a formidable net light output of 2200 lumens. Designed with Fit and Forget durability in mind, the BL350 LED Work Lamp features a highly impact-resistant lens made of Grilamid®, a crystal clear polyamide with superior tolerance to chemical and long term harsh UV exposure, as well as a technologically advanced thermally conductive non-metal housing.

![LED BL350 Work Lamp](image)

### BEAM PATTERNS

#### Close Range

- **2.5m high at 5°**

#### Flood

- **2.5m high at 5°**

#### Long Range

- **2.5m high at 5°**

### Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Mounting</th>
<th>Voltage</th>
<th>Power Consumption</th>
<th>Max. Light Output</th>
<th>Protection</th>
<th>Cable Length</th>
<th>Approval Markings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1GJ 958 040-551</td>
<td>Upright or pendant.</td>
<td>Multivolt for optimum brightness at input voltages from 9 to 33 volts.</td>
<td>High intensity mode: 25W, Low intensity mode: 5W</td>
<td>2200 lumen</td>
<td>Reverse polarity and voltage spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)</td>
<td>Pre-wired with 2.5m of sheathed multi-core cable.</td>
<td>CE, WEEE</td>
</tr>
</tbody>
</table>

**Mounting brackets allow rotation of work lamp.**

www.hella.co.nz  
techfeedback@hella.co.nz
LED BL350 Work Lamp - 240V AC

The lamp features a revolutionary ceramic based, non corrosive, thermally conductive housing and a high performance impact resistance Grilamid® lens. With those properties, the work lamp is ideal for rough outdoor applications, e.g. pool areas, seaside applications, alley ways, car parks etc.

The waterproof, maintenance free and hermetically sealed lamp is also dimmable, either by 0-10V DC dimming control, resistance or pulse width modulation (not supplied). A flexible, adjustable mounting system ensures easy installation to suit a wide range of applications.

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**Beam Patterns**

<table>
<thead>
<tr>
<th>Close Range</th>
<th>Flood</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5m high at 5°</td>
<td>2.5m high at 5°</td>
</tr>
<tr>
<td>1 LUX 82m</td>
<td>1 LUX 64m</td>
</tr>
</tbody>
</table>

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**Part Number**

<table>
<thead>
<tr>
<th>BLACK BASE</th>
<th>WHITE BASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1GJ 958 084-101</td>
<td>1GJ 958 084-111</td>
</tr>
<tr>
<td>1GJ 958 084-201</td>
<td>1GJ 958 084-211</td>
</tr>
<tr>
<td>1GJ 958 084-001</td>
<td>1GJ 958 084-011</td>
</tr>
</tbody>
</table>

**Mounting**

Upright or pendant

**Voltage**

90 to 305V AC

**Power Consumption**

Maximum 26W Lamp and LED Driver 0.10A @ 240V AC

**Max. Light Output**

2200 lumen

**Operating Temperature**

LED Driver: -35 to 70°C

LED Lamp: -40 to 40°C

**LED Driver Protection**

Short circuit, over current, over voltage, over temperature, IP 67 (Protection against dust and temporary water immersion)

**LED Lamp Protection**

IP 66 (Protection against dust and high pressure water jets)

IP 67 (Protection against dust and temporary water immersion)

**Cable Length**

Pre-wired with 2m of sheathed multi-core cable between LED lamp and LED Driver, 0.3m of sheathed multi-core cable from LED Driver.

**Approval Markings**

CE
DuraLED WL1300 Work Lamp

The WL1300 LED Work Lamp incorporates the latest technology to offer a powerful, durable lighting solution for a multitude of applications. Featuring an integrated dual intensity light output circuit, a high level of spike protection, and energy efficient Multivolt technology, this work lamp will appeal to applications where energy efficiency and reliability are a must.

DuraLED WL1300 RFCommSafe Work Lamp - 24 Volt

LED work lamp featuring 14 high performance LEDs will appeal for applications where energy efficiency and reliability is a must. Features a tough, chemical resistant lens made from Grilamid®, a highly impact resistant Swiss-made crystal clear polyamide with superior tolerance to chemical and long term harsh UV exposure, as well as technologically advanced thermally conductive non-metal housing.
DuraLED WL750 Work Lamp

Featuring an integrated dual intensity circuit, a high level of spike protection and energy efficient Multivolt technology, the innovative DuraLED WL750 will appeal for applications where energy efficiency and reliability is a must. Features a tough, chemical resistant Grilamid® lens, a highly impact resistant Swiss-made crystal clear polyamide with superior tolerance to chemical and long term harsh UV exposure, as well as technologically advanced thermally conductive non-metal housing.

BEAM PATTERNS

WL750 - Close Range
WL750 - Long Range

www.landreiziger.nl
DuraLED WL550 Work Lamp

LED Universal Work Lamp with low profile stainless steel bracket. Lamp may be mounted upright or pendant and may be adjusted vertically up or down. Totally sealed against dust and moisture and with a tough, chemical resistant Grilamid® lens. Option of three light patterns, flood, close range or long range.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1GA 980 573-101</td>
<td>CLOSE RANGE</td>
</tr>
<tr>
<td>1GA 980 573-301</td>
<td>LONG RANGE</td>
</tr>
<tr>
<td>1GA 980 573-001</td>
<td>FLOOD</td>
</tr>
</tbody>
</table>

- **Part Number**
- **Mounting**: Upright or pendant.
- **Voltage**: Multivolt for optimum brightness at input voltages from 9 to 33 volts.
- **Power Consumption**: High intensity mode: 7W, Low intensity mode: 1W
- **Max. Light Output**: 550 lumen
- **Protection**: Reverse polarity and voltage spike protection, IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)
- **Cable Length**: Pre-wired with 2.5m of sheathed multi-core cable.
- **Approval Markings**: CE, ⓢ

**BEAM PATTERNS**

**WL550 – Close Range**

<table>
<thead>
<tr>
<th>Distance</th>
<th>1 LUX</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5m high at 10°</td>
<td>26m</td>
</tr>
</tbody>
</table>

**WL550 – Long Range**

<table>
<thead>
<tr>
<th>Distance</th>
<th>1 LUX</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5m high at 5°</td>
<td>56m</td>
</tr>
</tbody>
</table>

**WL550 – Flood**

<table>
<thead>
<tr>
<th>Distance</th>
<th>1 LUX</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5m high at 10°</td>
<td>26m</td>
</tr>
</tbody>
</table>
**DuraLED WL200 Work Lamp**

LED universal work lamp with low profile stainless steel bracket. Lamp may be mounted upright or pendant, and adjusted vertically up or down. Lens manufactured from Grilamid® clear nylon which features high UV and chemical resistance, and high impact strength. The lamp is fully sealed against dust and moisture ingress. Option of two light patterns, long range or close range.

**DuraLED WL200 RFCommSafe Work Lamp**

LED universal work lamp with low profile stainless steel bracket. Lamp may be mounted upright or pendant and may be adjusted vertically up or down. Hermetically sealed against dust and moisture. Featuring a tough, chemical resistant Grilamid® lens.