



lighting

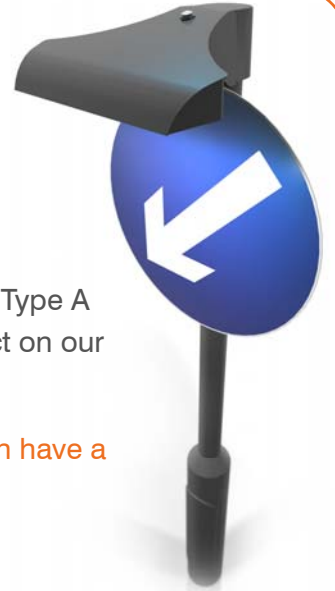
HTA LED Sign-Lite

Haldo introduces the latest innovation in sign lighting, with its new Type A LED compact sign light. The HTA LED Sign-Lite reduces the impact on our environment with its advanced power saving LED light tray.

Haldo Developments Ltd is committed to designing products which have a design life warranty and can help reduce your carbon footprint.

key benefits & features

- HTA LED Sign-Lite consumes less than **10 watts** of power to illuminate a **600mm** diameter sign face and less than **13 watts** of power to illuminate a **750mm** diameter sign face. This reduces the energy used by almost **50%** from LED sign lights currently on the market and by **60%** in comparison to conventional fluorescent lamps.
- The **IP67** rated light tray can be accessed through the hinged cover plate; secured with a tri-head security screw, providing quick access for ease of maintenance.
- **UMSUG CODE:**
HTA 6 LED **40 0010 0001 100**
HTA 9 LED **40 0013 0001 100**
- Light tray and driver are supplied with a **6 year warranty**.
- HTA LED Sign-Lite combines a grade **304 stainless steel body** with a **cast aluminium post mount**. A single, internally mounted, tamper proof fixing provides a secure 3 point fixing to the post.
- HTA LED Sign-Lite conforms with **BS EN: 12889** Part 1. Mean luminance satisfies both categories 1 and 2 lighting standards respectively.
- **Low Voltage LED** versions available upon request.
Please see separate low voltage system information sheet.
Fluorescent PL 1x11 Watt version also available as a low voltage solution.



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key benefits & features

- HTA Sign-Lite is fitted as **standard** with a Photo Electric Cell (PEC), for saving energy.
- The LED's operate in **Pure White** - Colour Rendering Index - Ra70.
- The driver current rating - 0.25 A @ 100 volts - 0.15 A @ 265 volts
- Lumen depreciation to 75% after 75,000 working hours.
- Utilising the same size tray for both 10 and 13 watts enabling wattage to be changed as required.
A different lid assembly is required to convert the light trays from LED to fluorescent.

finish

Textured powder coating available in Black RAL 9005 or Grey to RAL 7031.
Choice of RAL colours available upon request.



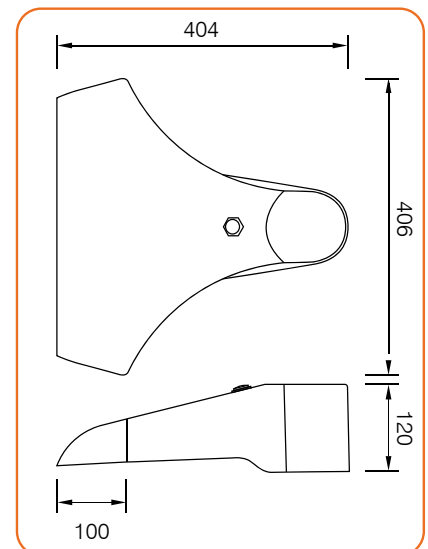


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options

- HTA LED Sign-Lite is available as a **fluorescent version**.
Options include a **1x11 Watt** and a **2x8 Watt** fluorescent light trays.
- Top and mid post mount versions available to fit 76mm and 89mm posts.
- Double sided sign light versions available.
- Two Stainless Steel banding versions available:
76-89: Fits 76mm and 89mm posts
Large: Fits larger lamppost and irregular shaped posts.
- Lights come complete with all fittings ready to install.



benefits of using LED's

- LED's fire up immediately when energised, even in cold weather- No flicker.
- Maintenance is where the real savings are made. The LED manufacturer states a minimum life cycle of 75,000 working hours.
- Illumination is projected directly to the sign face, where it is most needed to enable safe sign visibility, minimising light pollution.
- Fitting LED's will improve safety for contractors working on the highway by drastically reducing the amount of time spent on maintenance.
- LED's lower the environmental impact on disposal which contain none of the harmful chemicals associated with fluorescent lamps.

recycle

Haldo are members of Lumicom who will recycle all your Haldo luminaires or alternatively we can recycle the luminaires at the end of their life.

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