

## DuraRAY® LED Warning Beacons



| Description        | Part No.    |
|--------------------|-------------|
| <b>2 LED Discs</b> |             |
| Yellow Housing     | HM9386YEL2A |
| Orange Housing     | HM9386AMB2A |
| Black Housing      | HM9386BLK2A |
| Silver Housing     | HM9386SIL2A |
| White Housing      | HM9386WHT2A |
| <b>4 LED Discs</b> |             |
| Yellow Housing     | HM9386YEL4A |
| Orange Housing     | HM9386AMB4A |
| Silver Housing     | HM9386SIL4A |
| White Housing      | HM9386WHT4A |



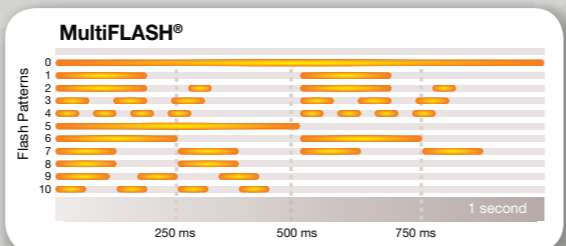
**DuraRAY® ultra durable LED warning beacons are designed for mining and construction applications where the cost of equipment down time is large and safety is paramount.**

The cast alloy construction and modular lens design enables DuraRAY beacons to survive much larger crush or impact loads than typical optical beacons. DuraRAY beacons offer excellent beam control to ensure very good penetration of fog and dust without blinding the operator through backscatter, whilst delivering high observability from a distance with minimal close-up glare.

Maintained light-output and longevity of LEDs at high ambient temperature over long periods requires substantial heat sinking. In the DuraRAY beacon the metal core, base and cap function as a heatsink to regulate the LED temperature while also providing immense strength to the product. Three substantial cast alloy flanges ensure secure fixing; tamper resistant screw covers provide environmental protection for the fasteners and a rubber layer separates the beacon from the machine on which it is mounted.

### Product features

- Multivolt™ 9-33V DC
- Integrated MultiFLASH control system provides 10 user-selectable flash modes
- Modular system of circular LED discs for intense, 360° visible light output
- Brilliant clear, high impact resistant XYLEX® lens system
- Heavy duty cast alloy base and cap for increased mechanical strength and vibration resistance
- Multi stage paint coating for optimal corrosion and UV protection



Through the combined effect of low power consumption and the Hella Multivolt™ system, a DuraRAY will remain operational and deliver full light output much longer than a typical beacon powered from a vehicle battery system.

The DuraRAY is designed for operation in hostile EMF environments, with its electronics located inside a Faraday cage to control EMF radiation from the beacon and protect it against induced EMF damage from other equipment. Furthermore robust short-circuit and reverse polarity protection combined with over voltage protection eliminates accidental damage during fitment. The 2M double insulated silicone cable offers optimal chemical resistance and remains flexible over a wide temperature range and time, to further enhance both safety and reliability.

The large number of LEDs per layer and multiple layers of LEDs delivers a high degree of redundancy in the optical system to ensure safety is not compromised under partial failure or obscuring conditions. Utilising ceramic-coated aluminium reflectors and durable XYLEX® lenses ensures excellent long-term resistance against cleaning chemicals, UV and impact damage for increased durability and long service life.

DuraRAY beacons are fully sealed "fit and forget" products that can be submerged and high pressure washed from any direction.

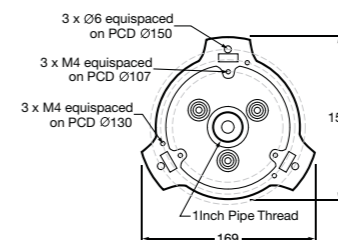
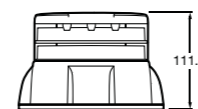
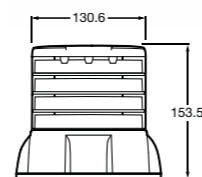
- Flame retardant to UL94HB
- Fully sealed and pre-wired to prevent ingress of dirt and moisture
- 2m double insulated silicone power cable
- 200G shock resistant
- Low EMC signature
- Low current draw
- Self-diagnostic electronics for protection against transient voltage spikes and reverse polarity.



2 LED Discs



4 LED Discs



Bottom View



Top View



Yellow Housing



Amber Housing



Black Housing  
(2 Disc version available only)



Silver Housing



White Housing