

MaxiLUME®



MaxiLUME® floodlight luminaires offer a high resistance to corrosion and attack from a wide spectrum of aggressive elements commonly found in mining, industrial and chemical plants.

The Hella MaxiLUME family of products offers IP65 weather-proof protection and is suitable for all non-classified areas of mines.

MaxiLUME luminaires comprise a body, lens frame and control gear housing, precision-moulded in self-extinguishing glass-fibre-reinforced polyester material, with a scrim added to improve strength. Flame retardancy is to UL 94V0.

MaxiLUME lenses are made from a bonded 4mm tempered safety glass inside a hinged frame. The lens seals against a silicone gasket, and is fastened against the body using captive, grade 304 stainless steel toggle pins and securing bolts.

Product features

- Moulded reinforced GRP body
- Toughened safety glass lens (4mm)
- Super pure aluminium reflector
- Wide, narrow and square beam options
- Painted steel gear tray
- MustADD® filter
- Captive stainless steel fasteners
- Stainless steel bracket
- Silicone seal
- Multiple fixing options available
- Reactor ignitor control gear
- Fused terminal block
- M20 gland entry
- IP6K5
- IEC 60598-2-1 compliant

Lamp Type	Starting Current	Running Current (240V AC)	Circuit Load	Mass
250W Tubular High Pressure Sodium	2.00A	1.40A	280W	13.32kg
250W Tubular High Pressure Sodium	3.90A	2.20A	440W	13.32kg
250W Tubular Metal Halide	2.80A	1.35A	275W	13.32kg
400W Tubular Metal Halide	3.60A	2.00A	440W	13.32kg

MaxiLUME lenses are designed with a smooth outer surface for easy cleaning with pressurised air or water.

The control gear is housed in a rear-access enclosure for optimal thermal performance and easy service access, allowing the lights to be safely re-lamped from the front. The luminaire is provided with a No. 0 compression gland into the control gear housing.

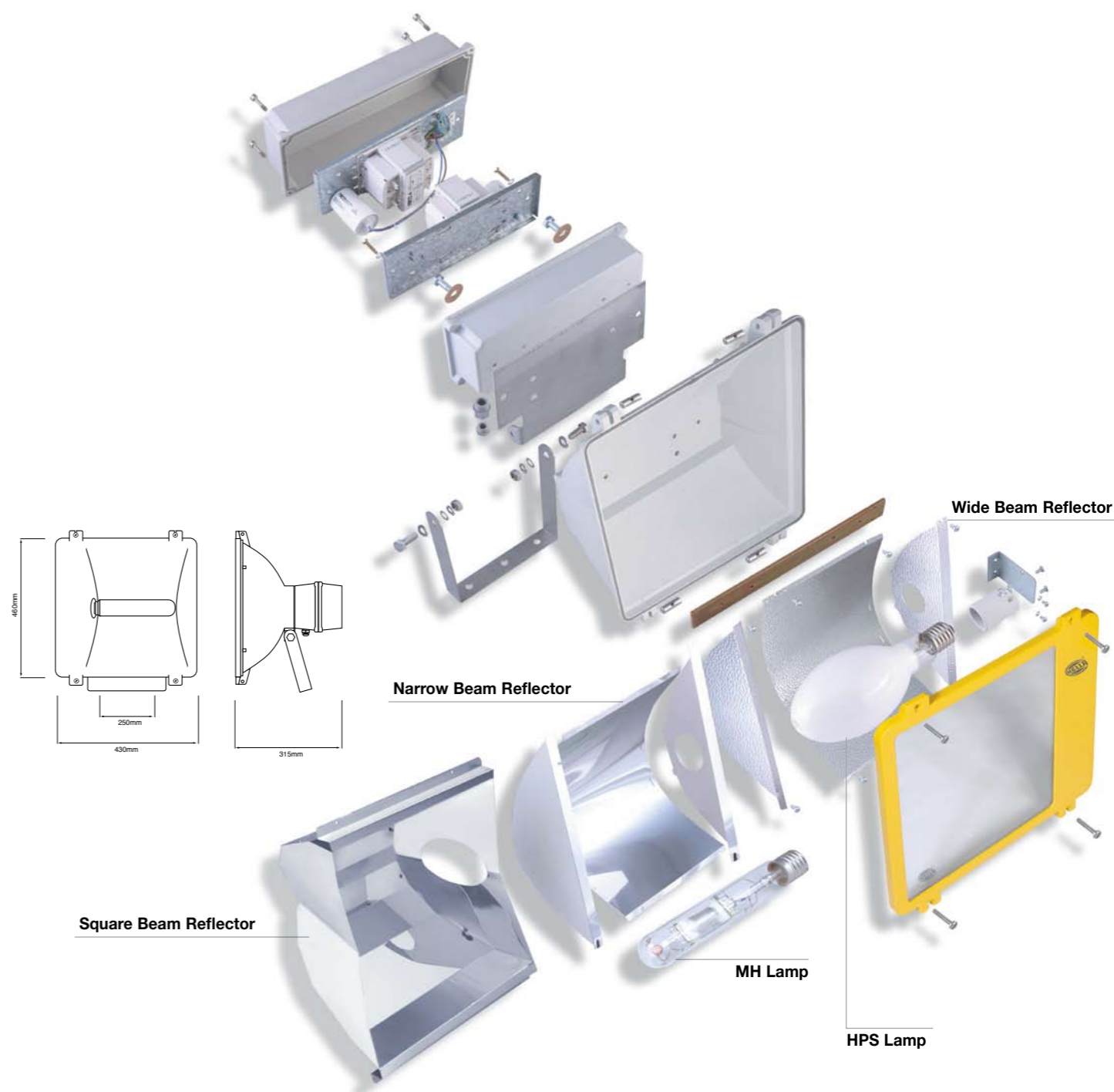
MaxiLUME lights are fitted with low-loss electromagnetic reactor ignitor control gear, with digital pulse control ignitors, and power factor correction capacitors. The control gear is very robust, and the digital ignitors ensure reliable lamp ignition under harsh conditions while reducing radio interference by up to 90%.

Hella MaxiLUME lights use a custom formulated silicone gasket, bonded directly into the body to ensure a very long service life and high reliability.

The floodlights are fitted with stainless steel mounting brackets, and stainless steel fasteners.

Optional pole clamp brackets or anti-vibration mountings are available.

Hella MaxiLUME lights comply with IEC 60598-2-1, SABS 970, SABS 969 and SABS 1222.



Description	Part No.
IP65 GRP Floodlight HPS	
250W Wide Beam	HMN4803WB-240
250W Narrow Beam	HMN4803NB-240
250W Square Beam	HMN4803SB-240
400W Wide Beam	HMN4805WB-240
400W Narrow Beam	HMN4805NB-240
400W Square Beam	HMN4805SB-240
IP65 GRP Floodlight MH	
250W Wide Beam	HMN4804WB-240
250W Narrow Beam	HMN4804NB-240
250W Square Beam	HMN4804SB-240
400W Wide Beam	HMN4806WB-240
400W Narrow Beam	HMN4806NB-240
400W Square Beam	HMN4806SB-240



Spare Parts

9.HMN148	Lens
9.HMN035	Gland
9.HMN150	Bracket
9.HMN151	Narrow Beam Reflector
9.HMN152	Wide Beam Reflector
9.HMN153	E40 Lampholder
9.HMN156	Gear Tray 250HPS/240
9.HMN157	Gear Tray 250MH/240
9.HMN159	Gear Tray 400HPS/240
9.HMN160	Gear Tray 400MH/240
9.HMN162	Pole Clamp

