

MiniLUME®



MiniLUME® 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 MiniLUME family of products offers IP65 weather-proof protection and is suitable for all non-classified areas of mines.

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

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

The control gear is housed inside the body and is provided with a No. 0 compression gland into the rear of the housing.

MiniLUME is 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 significantly.

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

The floodlights are fitted with hot-dip galvanised steel mounting brackets, and stainless steel fasteners.

Optional pole clamp brackets or anti-vibration mountings are available. Hella MiniLUME lights comply with IEC 60598-2-1.

Description	Part No.
IP65 GRP Floodlight HPS	
70W Wide Beam	HMN4901WB-240
70W Narrow Beam	HMN4901NB-240
100W Wide Beam	HMN4903WB-240
100W Narrow Beam	HMN4903NB-240
IP65 GRP Floodlight MH	
70W Wide Beam	HMN4902WB-240
70W Narrow Beam	HMN4902NB-240
100W Wide Beam	HMN4904WB-240
100W Narrow Beam	HMN4904NB-240
IP65 GRP Floodlight CFL	
42W CFL Wide Beam	HMN4909WB-240



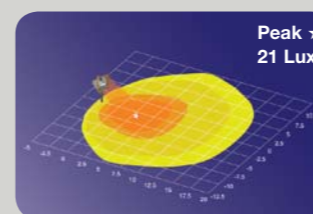
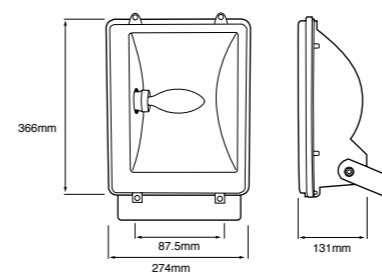
Product features

- Moulded reinforced GRP body
- Toughened safety glass lens (4mm)
- Super pure aluminium reflector
- Wide and narrow beam options
- Painted steel gear tray
- 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

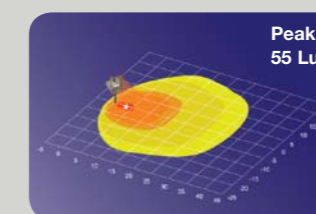
Lamp Type	Starting Current	Running Current (240V AC)	Circuit Load	Mass
70W Metal Halide	0.75A	0.43A	85W	4.5kg
100W Metal Halide	0.95A	0.56A	118W	4.5kg
70W High Pressure Sodium	0.75A	0.43A	85W	4.5kg
100W High Pressure Sodium	0.95A	0.56A	118W	4.5kg
42W Compact Fluorescent	-	0.28A	62W	4.5kg

Spare Parts

9.HMN070	Lens
9.HMN035	Gland
9.HMN072	Bracket
9.HMN073	Narrow Beam Reflector
9.HMN074	Wide Beam Reflector
9.HMN075	E27 Lampholder
9.HMN076	Gear Tray 70HPS/240
9.HMN077	Gear Tray 70MH/240
9.HMN079	Gear Tray 100HPS/240
9.HMN080	Gear Tray 100MH/240
9.HMN082	Gear Tray 42CFL/240
9.HMN083	Pole Clamp



MiniLUME® 42W Dulux
Mounting Height 5m, Angle 45°



MiniLUME® 100W HPS Wide Beam
Mounting Height 5m, Angle 45°



Front View