

### PendeLUME® 300



**PendeLUME® luminaires are very robust cast alloy lights with heavy glass dome lenses. These lights are designed to offer high levels of mechanical protection and high resistance to corrosion and attack from a wide spectrum of aggressive elements commonly found in mining, industrial and chemical plants.**

The Hella PendeLUME family of products offers IP65 weather-proof protection and is suitable for all non-classified areas of mines. Specific flameproof models are suitable for use in surface locations where the atmosphere is likely to be potentially explosive under normal operating conditions. PendeLUME lights are designed to use coated elliptical HID lamps, compact fluorescent or GLS lamps.

Each PendeLUME luminaire comprises a cast aluminium body and lens collar. An O-ring and threaded joints ensure the exclusion of gas and dust from the optical and electrical components.

The dome lens is 8mm thick pressed glass, cemented into the lens collar and secured by a circlip. The glass dome is protected by means of a heavy duty welded wire guard, hot dip galvanised for corrosion protection.

The control gear is housed in the body and has a rear-access enclosure for optimal thermal performance and easy service access; this allows the lights to be safely re-lamped from the front. A single threaded M20 entry with metal No. 0 compression gland is provided.

Provision for mounting is provided via one M10 threaded blind socket for eyebolts and are provided as standard, with the option for pole clamps, brackets or anti-vibration mountings.

To ensure the integrity of the housing, PendeLUME bodies must not be perforated.

Hella PendeLUME lights comply with IEC 60598-2-1.

Description Part No.

**300 IP65 Aluminium Pendant**

70W HPS	<b>HMN7001-240</b>
70W MH	<b>HMN7002-240</b>
100W GLS	<b>HMN7003-GLS</b>
42W CFL	<b>HMN7004-240</b>



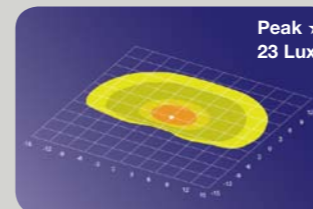
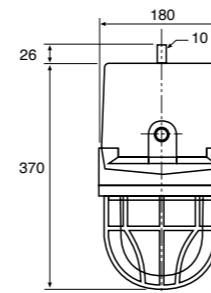
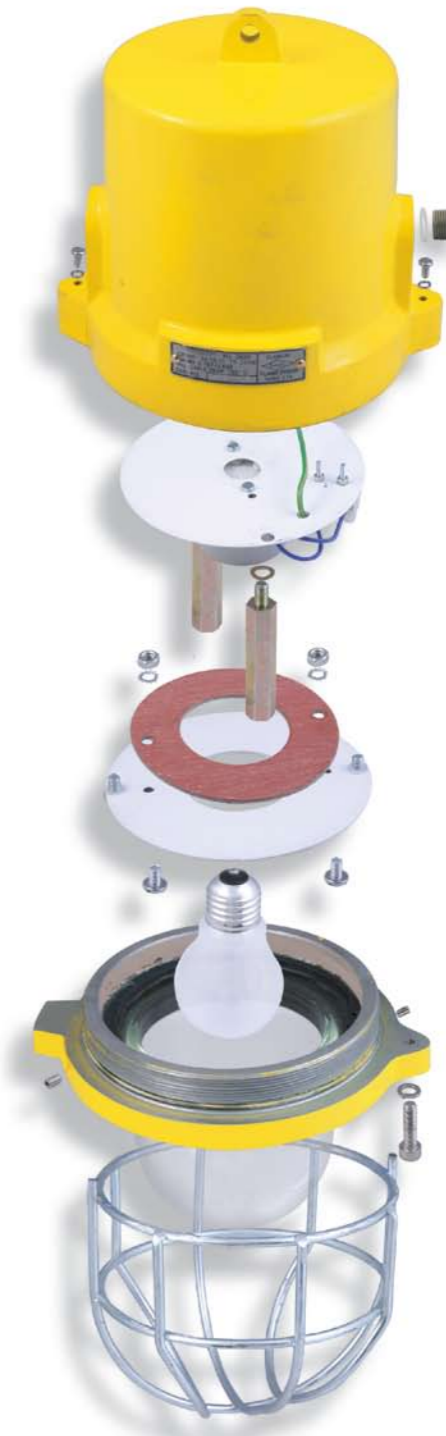
**Product features**

- Hella recommends PendeLUME 300 70W MH lamps for most applications, and particularly where recognition of colour is important
- Hella recommends the use of PendeLUME 300 70W HPS lamps for applications where the 12000 hour lamp life of HPS is very important and where recognition of colour is not required
- The PendeLUME 300 2/26W CFL light is fitted with energy efficient compact fluorescent lamps and is suitable for many general lighting applications, where a wide spread of good quality light and long lamp life is needed from a high quality luminaire, without the need of HID lamps
- PendeLUME 300 100W GLS lights are highly specialised lights for use in Zone 1 hazardous areas, these flameproof models are equipped with specially designed and approved components, in full compliance with the appropriate national hazardous area classification standards
- PendeLUME 300 100W GLS lights must be installed and used in accordance with the national requirements imposed on equipment of this type of luminaire
- PendeLUME 300 100W is suitable for use in potentially explosive environments in surface operations classified :
  - Zone 1 T3
  - Ex d II
  - AS 2380.2-1991 Exd II enclosures

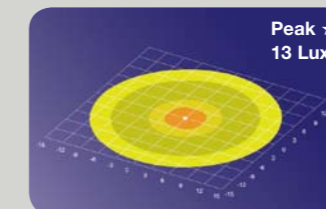
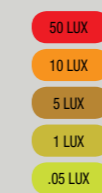
**Spare Parts**

9.HMN090	Lens
9.HMN091	Gear Tray 70HPS/240
9.HMN092	Gear Tray 70MH/240
9.HMN093	Gear Tray 42CFL/240
9.HMN094	Gear Tray 100GLS/240

Lamp Type	Starting Current	Running Current (240V AC)	Circuit Load	Mass
70W Metal Halide	0.75A	0.43A	85W	7.1kg
70W High Pressure Sodium	0.75A	0.43A	85W	7.1kg
42W Compact Fluorescent	-	0.28A	62W	7.1kg



**PendeLUME® 70W HPSE**  
Mounting Height 4m, 4m from wall



**PendeLUME® 70W HPSE**  
Mounting Height 4m, Angle 0°

