

## CorroLUME® NL



**CorroLUME® NL luminaires are highly specialised lights for use in Zone 1 hazardous areas, and offer a high resistance to corrosion and attack from a wide spectrum of aggressive elements commonly found in mining, industrial and chemical plants.**

Each CorroLUME NL luminaire comprises a single-piece moulded body in self-extinguishing glass-fibre-reinforced polyester material, with a scrim added to improve strength. Flame retardancy is to UL 94V0. Captive external body inserts with blind M8 thread enable various mounting options. Internally the inserts carry the control gear rail, and the reflector mounting support columns.

The diffuser lens is formed in clear, UV stabilised, impact resistant self-extinguishing polycarbonate. CorroLUME lenses are designed with a smooth outer surface for easy cleaning with pressurised air or water. The lens is fastened against the body using a heavy welded stainless steel frame, with special captive, stainless steel socket head machine screws. The lens and frame hinges to one side when opened for safe and easy service access.

A specially designed Ex d rated electronic ballast is mounted on a robust electroplated control gear rail, fitted with an Ex e rated terminal block and special

G13 single lead bi-pin lamp holders. The rail also incorporates an isolating switch, a safety factor in the event of accidental opening of the luminaire whilst still connected to the power circuit. A white epoxy powder coated steel cover, mounted on the gear rail by two captive thumbnuts, acts as a reflector.

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

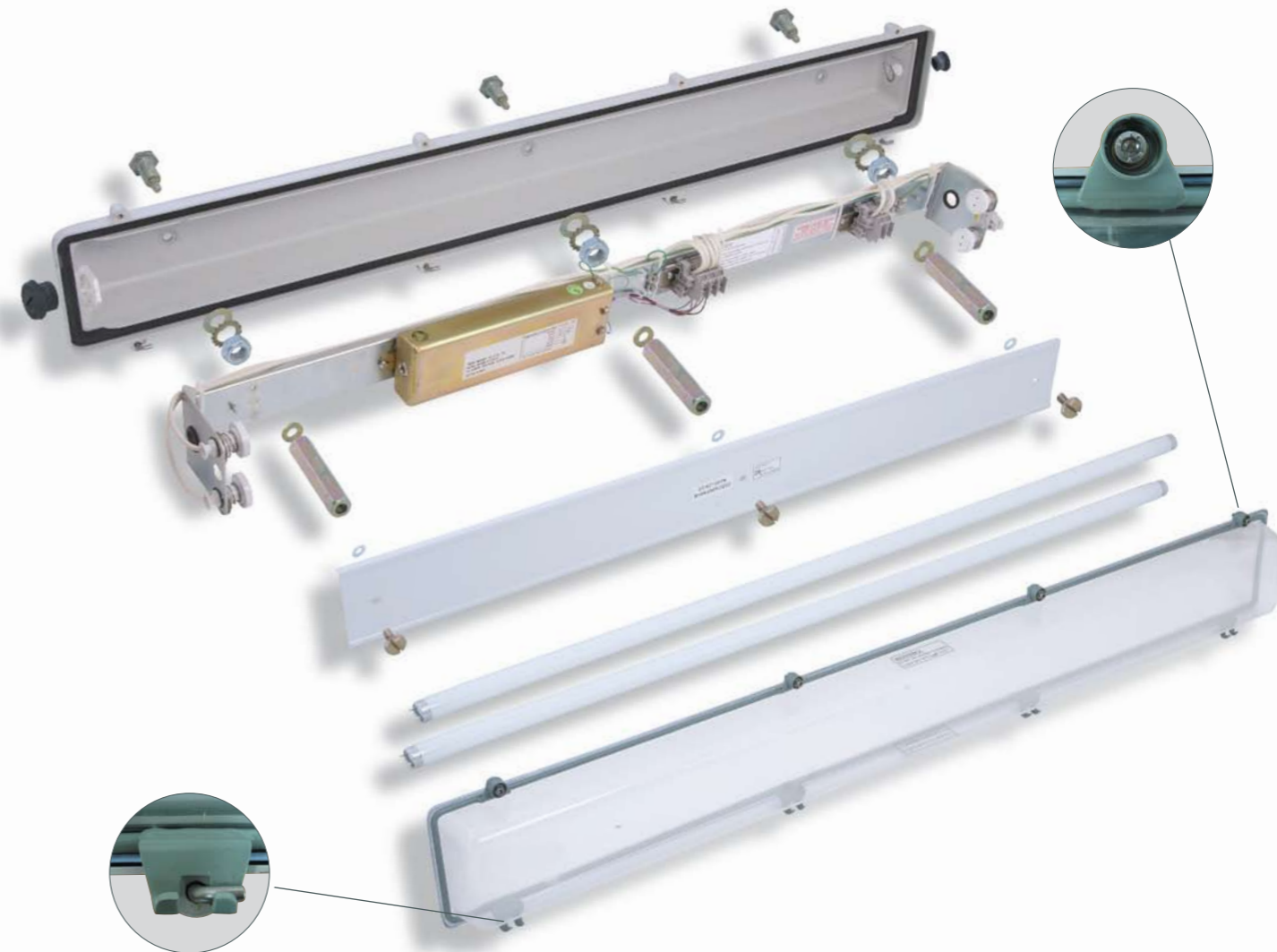
The luminaire is provided with entries at each end, one of which is fitted with an Ex e rated compression gland suitable for 6 to 12mm diameter flexible cable and the other sealed off with a stopper.

The CorroLUME NL is equipped with specially designed and approved components and fully encapsulated custom designed electronic control gear, in full compliance with the appropriate national hazardous area classification standards.

CorroLUME NL lights must be installed and used in accordance with the national requirements imposed on equipment of this type of luminaire.

Optional eyebolts, pole clamps, brackets, and anti-vibration mountings are available.

Hella CorroLUME NL lights comply with IEC 60598-2-1, IEC 60079-0, IEC 60079-7, SABS 1031, AS 2380.6 and AS 2380.2.



Description	Part No.
<b>NL IP66 Weatherproof Zone 1 Fluorescent Twin Lamp</b>	
2 x 18W Lamps	<b>HMN7218-240</b>
2 x 36W Lamps	<b>HMN7236-240</b>
2 x 58W Lamps	<b>HMN7258-240</b>



### Product features

- Moulded reinforced GRP body
- Impact resistant polycarbonate lens
- Galvanised steel gear tray
- Painted steel reflector
- Welded stainless steel frame with tamper resistant fasteners
- Nylon lanyard
- Silicone seal
- Multiple fixing options available
- Energy efficient electronic control gear
- Fused terminal block
- M20 gland entry
- IP6K6
- IEC 60598-2-1 compliant
- Ex ed Class IIc Zone 1&2 T4

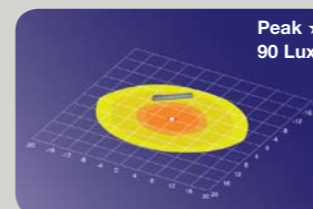
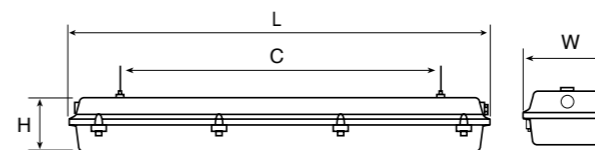
Lamp Type 26mm linear	Running Current (240V AC)	Circuit Load
2 x 18W Switch-Start Control Gear	0.16A	37W
2 x 36W Switch-Start Control Gear	0.31A	72W
2 x 58W Switch-Start Control Gear	0.46A	110W

### CorroLUME Dimensions

Description	Dimensions (mm)			Fixing Centres (mm)	No. of Lamps	No. of Clips	Mass
	L	W	H				
CorroLUME 2/18W	700	172	115	500mm	2 by 18W	6	4kg
CorroLUME 2/36W	1310	172	115	800mm	2 by 36W	8	5kg
CorroLUME 2/58W	1610	172	115	1100mm	2 by 58W	10	7kg

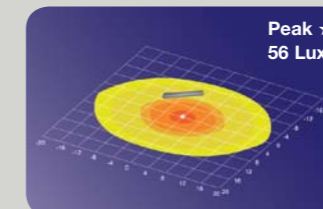
### Spare Parts

9.HMN013	NL Lens 218
9.HMN014	NL Lens 236
9.HMN015	NL Lens 258
9.HMN021	Mounting Hook
9.HMN022	Pole Clamp
9.HMN030	NL Gear Tray 218/240
9.HMN031	NL Gear Tray 236/240
9.HMN032	NL Gear Tray 258/240
9.HMN034	NL Gland
9.HMN019	Surface Mount Bracket



**CorroLUME® NL 2/36W**  
Mounting Height 4m, Angle 0°

- 50 LUX
- 10 LUX
- 5 LUX
- 1 LUX
- .05 LUX



**CorroLUME® NL 2/58W**  
Mounting Height 4m, Angle 0°