



Product Description

The Pioneer Floodlight is a durable, robust, highly efficient temporary light that will be certified for safe use within ATEX/IECEX Zone I and Zone II potentially explosive atmospheres containing gas, vapour, mist and dust. Able to use within T4 classification, the LEDs deliver an intense, daylight output of 2780 lumens. Low maintenance and easy to use, the Pioneer has a service life of 35,000 hours.

The light can be powered with a supply between 110V and 264V. A length of SY cable is supplied up to 10M with a Zone I EX plug (CEAG/STAHL/ATEX) to suit the worksite. 10M extensions are available upon request. The light utilises a universal bracket for all of the mounting options, of which include: magnet, scaffold, wall and floor stand. To give the light further flexibility, an additional gland and cable can be installed into the Pioneer to allow up to 5 lights in series off of a 8A supply. The cable length can be cut to specification to remove the need for multiple power supplies and the removal of excessive trip hazards from trailing leads.

Built from high pressure, die-cast aluminium and specially coated, the light is able to withstand the harsh, corrosive conditions expected in potentially hazardous environments. The light-head is an IP65 rated enclosure ensuring protection against the ingress of dust and water jets from all angles and is complete with a 3mm thick UV resistant, ductile, polycarbonate lens.



Magnet Mount

Floor Stand

Pioneer LED

Scaffold Mount

Wall Mount

| TECHNICAL DATA | | |
|---------------------------|--|--|
| Model: | Pioneer Zone II LED | Pioneer Zone I LED |
| Output (Lumens): | 2780 | 2780 |
| Power: | 16x 1W LEDs | 16x 1W LEDs |
| Proposed Marking: | Ex II 3 GD Ex ec ic mc IIC T4 Ex tc IIIC T81C | Ex II 2 GD Ex eb mb opis IIB+H ₂ S T4 Ex tb IIIC T135C |
| Operation (Hours): | Continuous | Continuous |
| Weight (No mount) (kg): | 1.5 | 1.5 |
| Ingress Protection: | IP65 | IP65 |
| Ambient Temperature (°C): | -20 to +40 | -20 to +40 |
| Colour Temperature (K): | 5000 | 5000 |
| Service Life (Hours): | 35,000 | 35,000 |
| Operating Voltage (V ac): | 110 to 264 | 110 to 264 |

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