



ARRAN H/O

Ex ec LED Floodlight

The powerful Zone 2 **Arran High Output** floodlight delivers a uniform photometric distribution and impressive performance of 90,000 maintenance free hours at 25°C.

An excellent temperature range of -50°C up to +55°C makes the Arran H/O a global lighting solution, whilst providing a comparable output to common high wattage HID floodlights. The great versatility of this luminaire allows a variety of mounting options covering a wide range of Industrial installations.



International Approvals

Mounting Options

Floodlight. Pendant. Pole/Column. High Bay.

Standard Specification

Arran High Output Ex ec LED Floodlight

Type of Protection	Ex ec (Increased Safety) Ex tc (Dust Protected Enclosure)
ATEX Classification	Group II Category 3 GD
Area Classification	Zone 2 and Zone 22 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN60079-14
Certificate	Type Examination Certificate CML 17ATEX4044X IECEx Certificate of Conformity IECEx CML 17.0026X
Coding	Ex ec IICT4 Gc Ex tc IIIC T135°C Dc
Enclosure	Aluminium alloy (1050A H14) with RAL 7040 epoxy powder finish
Entry	2 x 20mm clearance holes
Termination	3 core 6mm ² max. conductor with looping
Installation	Stirrup mounting bracket
Control Gear	Electronic Driver
Colour Temperature (CCT)	5000K (Cool White)
Colour Rendering Index (Ra)	>70
Maintenance	M5 Slotted Screws
Ingress Protection	IP66
Surge Protection	4kV line to line, 6kV line to earth
Electrical Supply	120-277V AC 50/60Hz 140-273V DC

Features

- ◆ Highly **Energy Efficient**
- ◆ **Instant on** crisp white light output
- ◆ **Lower power consumption** than HID lamps
- ◆ Low temperature applications **to -50°C**
- ◆ **90,000 maintenance free hours** at 25°C

Std. Cat No.	Delivered Output	Power Consumption	Tclass	T °C (Dust)	Ambient °C	Weight
ARHN/22L/LE	23243 lm	171W	T4	135	-50 to +40	14kg
ARHN/31L/LE	34420 lm	255W	T4	135	-50 to +40	14kg
ARHN/40L/LE	45963 lm	389W	T4	135	-50 to +40	14kg

Options - Suffix to Catalogue No.

/25	25mm cable entries	/SRG	Surge Protection (20kA and 10kV)
/HT	High Temperature to +55°C (40L output reduces at high ambient to prolong LED and Driver life)		

Accessories *Accessories should be ordered separately*

Order Code

Wire Guard (2 required per floodlight)	SARR1-0001
Anti Glare Shield	SAH04-0001
Pole Mounting Bracket Assembly	S2400-0002

