



# ARRAN

Ex nA LED Floodlight

Sleek and highly efficient this reliable compact luminaire delivers a uniform photometric distribution and powerful performance of 130,000 maintenance free hours at 25°C.

Its excellent temperature range of -50°C to +55°C makes it a global lighting solution providing high output lighting at extreme temperatures. Offering an easily maintainable driver and LED strip, the **Arran** provides all the advantages of an LED luminaire with the benefit of extending its serviceable life.



## Mounting Options

Floodlight. Pendant. Pole/Column. High Bay.

## Standard Specification

Arran Ex nA LED Floodlight

Type of Protection	Ex nA (Non Sparking) Ex tb (Dust Protected Enclosure)
ATEX Classification	Group II Category 3 GD Group II Category 2 D
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 14ATEX4106 [Zone 2/22] EU Type Examination Certificate CML 14ATEX3107 [Zone 21] IECEX Certificate of Conformity IECEx CML 14.0044 UK Type Examination Certificate CML 21UKEX4498X
Coding	Ex nA IIC Gc Ex tc IIIC Dc Ex tb IIIC Db IP6X Refer to table for T Rating and Ambient
Enclosure	Aluminium alloy (6063 T6) with RAL 7040 epoxy powder finish
Entry	2 x M20 cable entries
Termination	3 core 6mm <sup>2</sup> 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 127-250V DC

## Features

- ◆ Highly **Energy Efficient**
- ◆ **Instant on** crisp white light output
- ◆ **Lower power consumption** than HID lamps
- ◆ Low temperature applications **to -50°C**
- ◆ **130,000 maintenance free hours** at 25°C

Std. Cat No.	Delivered Output	Power Consumption	Tclass	T °C (Dust)	Ambient °C	Weight
<b>ARRN/06L/LE</b>	7321 lm	54W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
<b>ARRN/10L/LE</b>	9843 lm	74W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
<b>ARRN/15L/LE</b>	17273 lm	130W	T6 T5	85 100	-50 to +40 -50 to +55	13kg

Note: Arran/11L/LE option removed from this table

Options - Suffix to Catalogue No.

<b>/M25</b>	M25 Cable entries	<b>/DM</b>	DALI Dimmable Driver (15L T rating reduces to T5 at +40°C)
<b>/ESH</b>	Taller (+100mm) stirrup bracket		

**Accessories** *Accessories should be ordered separately*

Order Code

Wire Guard	<b>SARR1-0001</b>
Anti Glare Shield	<b>SARR1-0002</b>
Pole Mounting Bracket Assembly	<b>S2400-0002</b>

