



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

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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				
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 6mm2 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





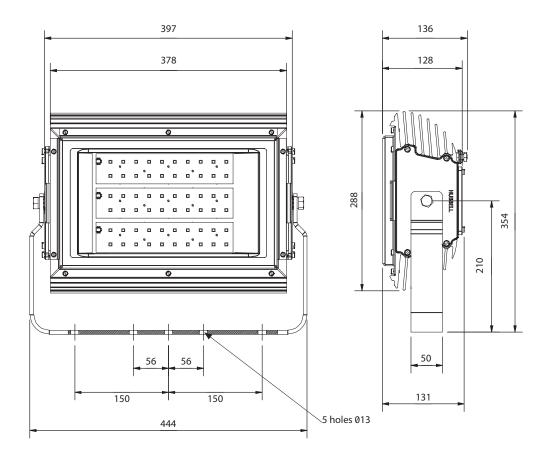
Std. Cat No.	Delivered Output	Power Consumption	Tclass	T°C (Dust)	Ambient °C	Weight
ARRN/06L/LE	7321 lm	54W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
ARRN/10L/LE	9843 lm	74W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
ARRN/11L/LE	11752 lm	88W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
ARRN/15L/LE	17273 lm	130W	T6 T5	85 100	-50 to +40 -50 to +55	13kg

#### Options - Suffix to Catalogue No.

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

# Accessories Accessories should be ordered separately

	Order Code
Wire Guard	SARR1-0001
Anti Glare Shield	SARR1-0002
Pole Mounting Bracket Assembly	S2400-0002





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