



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
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 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 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

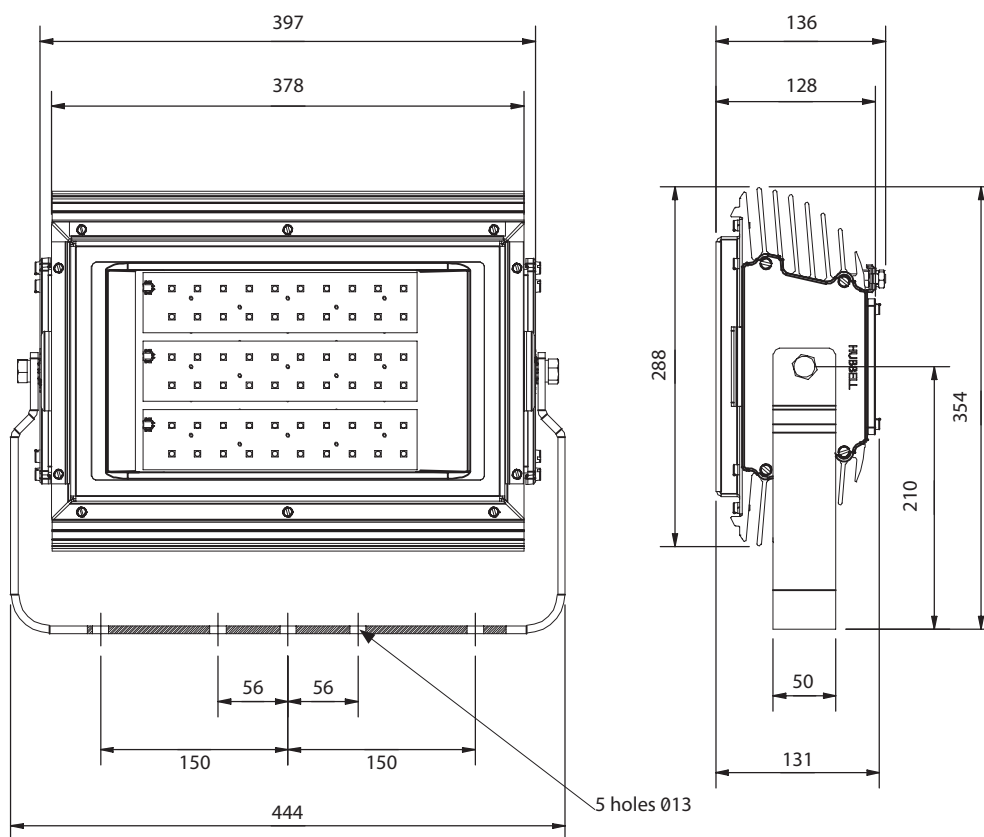
Std. Cat No.	Delivered Output	Power Consumption	Tclass	T °C (Dust)	Ambient °C	Weight
ARRN/06L/LE	7321 lm	54W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
ARRN/10L/LE	9843 lm	74W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
ARRN/11L/LE	11752 lm	88W	T6 T5	85 100	-50 to +40 -50 to +55	13kg
ARRN/15L/LE	17273 lm	130W	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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Product design and specifications are subject to change without notice. Please check the Chalmit website for latest specifications.

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