



# SCOTIA<sub>EX</sub>

Ex db LED Floodlight

The **Scotia<sub>EX</sub>** is a low energy luminaire with an instant on output delivering 110,000 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.



## Mounting Options

Floodlight. Pendant. High Bay. Pole/Column. Streetlighting.

## Standard Specification

ScotiaEx Ex db LED Floodlight

Type of Protection	Ex db eb (Flameproof, Increased Safety) Ex tb (Dust Protected Enclosure)
ATEX Classification	Group II Category 2 GD
Area Classification	Zone 1 and Zone 21 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14 (Gas Groups IIA, IIB and H2)
Certificate	EU Type Examination Certificate CML 14ATEX1086X IECEX Certificate of Conformity IECEX CML 14.0034X
Coding	Ex db eb IIB (+ H2 option) T* Gb Ex tb IIIC T** °C Db IP6X Refer to table for T rating and Ambient
Enclosure	Aluminium Alloy LM6
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	M8 SKT HD 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**
- ◆ **110,000 maintenance free hours** at 25°C

Std. Cat No.	Delivered Output	Power Consumption	Tclass	T °C (Dust)	Ambient °C	Weight
<b>SCOD/07L/LE</b>	7519 lm	78W	T6 T5	85 100	-20 to +40 -20 to +55	21kg
<b>SCOD/08L/LE</b>	8984 lm	99W	T6 T5	85 100	-20 to +40 -20 to +55	21kg
<b>SCOD/11L/LE</b>	10357 lm	106W	T6 T5	85 100	-20 to +40 -20 to +55	21kg
<b>SCOD/12L/LE</b>	11727 lm	132W	T6 T5	85 100	-20 to +40 -20 to +55	21kg

Options - Suffix to Catalogue No.

<b>/M25</b>	M25 Cable Entries	<b>/LT</b>	Low temperature to -50°C (Gas groups IIA and IIB only)
<b>/ADE</b>	Amber LEDs (07L or 08L only)	<b>/LT/H2</b>	Low temperature to -50°C (Gas groups IIB and H2*)
<b>/ESH</b>	Taller (+100mm) stirrup bracket	<b>/P</b>	Marine grade polyester paint coating (RAL 7043)

\* H2 = Hydrogen

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

	Order Code
Wire Guard	<b>SSCO1-0001</b>
Anti Glare Shield	<b>SSCO1-0002</b>
Pole Mounting Bracket Assembly	<b>SEVO4-0001</b>
Crane Damper Bracket	<b>SSCO1-00009</b>

