



Sammode

Technical lighting since 1927

MAXWELL 100 LSC AMB

Open area emergency lighting for a 230 V AC/DC
central battery down to -20 °C



THE FOOLPROOF OPEN AREA EMERGENCY LIGHT FITTING

In addition to compliance with the requirements of standards, safety lighting in areas for production and storage in the food industry requires the use of products that can withstand the aggressive conditions that are encountered there (moisture, mechanical shock, detergents, low temperatures, etc.). Similarly, safety lighting in public spaces demands light fittings that meet specific constraints linked to the presence of the public, energy efficiency needs and the demand for aesthetic integration.

The MAXWELL 100 LSC AMB was designed specifically for this dual use. These products, through their simple and timeless outlines originated from their functionality alone, fit naturally into your projects.

Designed to



RESIST HOSTILE ENVIRONNMENTS

The quality of the carefully selected materials such as stainless steel or our polycarbonate is particularly suited to the aggressive environmental conditions encountered in harsh industrial surroundings. With the MAXWELL 100 LSC AMB range, we offer you products whose aesthetics are timeless.



STAY SEALED

The absolute sealing (IP68) of our self-contained tubular fittings maintains their performance throughout their life. Their tubular shape prevents external dirt being deposited. Sealed by construction, they resist high-pressure jetting (IP69K).



INCREASED SERVICE INTERVALS

The MAXWELL 100 LSC AMB is a product with high strength and a long life. We guarantee our customers a return on their investment and a reduction in maintenance costs. These products are fitted with a removable plug for quick “plug and play” installation.



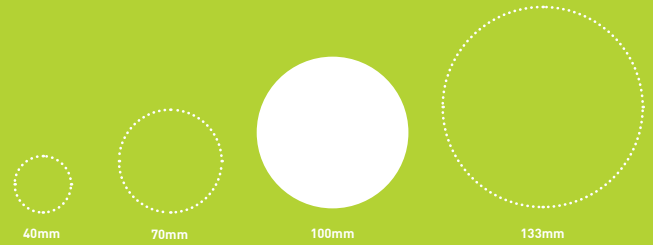
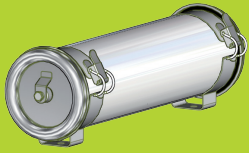
SAVE ENERGY

The MAXWELL 100 LSC AMB includes high efficiency (lm/W) LED modules, thus decreasing lighting-related energy consumption. The chosen technology ensures low power consumption less than 7.9W.



5 YEAR WARRANTY

Sammode embodies its commitment to the quality and sustainability of its light fittings by offering a guarantee for the MAXWELL 100 LSC AMB range that exceeds the legal warranty. A Sammode product isn't a consumable; it's an investment!



OPEN AREA LIGHTING -20°C +40°C - 330LM - LED

MAXWELL 100 LSC AMB

OPEN AREA LIGHTING IMPERVIOUS TUBULAR LIGHT FITTING FOR 230V AC/DC CENTRAL BATTERY SYSTEM

EMERGENCY LIGHTING

Open area lighting
Maintained and non-maintained
Emergency output: 330 lm
Compliant with the standards: EN 60 598-1,
EN 60598-2-22

TUBULAR

Increased mechanical resistance
Easy to clean
Limited dirt accumulation
360° orientation

IMPERVIOUS (IP68)

Absolute imperviousness
No internal dust accumulation
Maximum light output
Adapted for pressure cleaning

LIMITED MAINTENANCE

LED luminaire

DURABLE

High resistance to shocks and corrosion
Single-piece housing, materials and
components selected to ensure long-term
investment

| | |
|-----------------------|--------------------|
| ELECTRICAL CLASS | CLASS 1 |
| EMERGENCY OUTPUT | 330lm |
| SUPPLY VOLTAGE | 180-254V 0/50/60Hz |
| FIRE RESISTANCE | 960°C |
| PROTECTION | IP68 |
| SHOCK RESISTANCE | IK10 |
| OPERATING TEMPERATURE | -20°C +40°C |

DESCRIPTION

HOUSING

- Ø100 mm satin-finish polycarbonate diffuser
- End caps ½ ring press-formed in 304L stainless steel (316L also available)
- Gaskets molded in EPDM
- Cable entry with cable gland in nickelcoated brass (ext. Ø 5-14mm) or with disconnectable plug (ext. Ø 8-10mm)

GEAR TRAY

- White powder coated gear tray
- Electronic modules with high-power LEDs developed by SAMMODE equipped of :

- 18 LEDs regularly spread for optimal light distribution uniformity
- Colour temperature: 4000K
- Robust components specific to industrial market
- Integrated LED-Driver 180-254V 0/50/60Hz with constant voltage output

INSTALLATION – MAINTENANCE

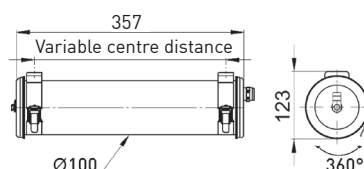
- Connection to 3x2,5mm² terminal block
- Quick installation with 2 bolt-fitted stainless steel straps with variable center distance allowing 360° orientation
- Maintenance by removal of the end cap

OPTIONS

| DESCRIPTION | OPTION CODE | DESCRIPTION | OPTION CODE |
|---|-------------|---|-------------|
| FINISHINGS End caps and fixing straps in 316L stainless steel | MR | FIXINGS (cont.) Fixing straps reinforced with HSHC screw* | BRV |
| FIXINGS Reinforced bolt-fitted fixing straps | BRS | (* Tamper-resistant Torx screw on request) | |
| Fixing straps with HSHC screw* | BAV | ACCESSORIES Upstand kits (5 or 20 cm) | |

MAIN REFERENCES

| EMERGENCY OUTPUT (lm) | DESIGNATION | CODE | CONSUMPTION | WEIGHT (kg) |
|-----------------------|--|-----------|-------------|-------------|
| 330 | With cable gland MAX100 LSC AMB SA 113 LN | 1840 0020 | 7,9W / 16VA | 1,0 |
| | With disconnectable plug MAX100 LSC AMB SA PS3 | 1840 0040 | 7,9W / 16VA | 1,0 |





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