COULOMB Industry

Independent emergency lighting, non-permanent, for industrial environments, NF AEAS certified

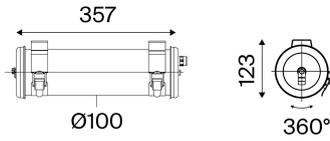Escape route
(EVAC)

Anti-panic
(AMB)

Pioneer in emergency tube lighting, the COULOMB has made its mark in the category of independent industrial emergency lighting units. Its high-level seal properties and the robustness of its housing endow it with exceptional resistance over time. NF AEAS-certified with automatic built-in test system, in Evacuation or Ambient version, it can be connected to a 12V remote control (see accessories) to go on idle in the event of a deliberate power outage or for scheduled automatic or manual tests.

MADE IN FRANCE
SINCE 1927

CERTIFIÉ PAR LCIE
NF
AEAS
PERFORMANCE SATI

ULTIMATE
5 YEARS
GUARANTEE

357

123

Ø100

360°

Self-contained unit (1h back-up)
Non-maintained compliant with NF EN 60598-2-22, NF AEAS approved BAES with automatic tests according to NF C71-820

Emergency output (lm)		Type	L (mm)	T (K)	Designation	Code	Watt**
🏃	45	EVAC	357	4000	COUL100 BAES EVAC 113LN	18510010	1.1
☐	250	AMB	357	4000	COUL100 BAES AMB 113LN	18510020	2.6

This model, which complies with the European emergency lighting standard, also fulfils NF AEAS / BAES SATI Performance certification. Always check that the power pack is compatible with the installed remote control. Model for central source power supply is available: see the MAXWELL luminaire. **Watts on standby mode.

Options

Cable entry

1 cable gland

Nickel-coated brass capacity Ø5-14 mm	113LN

2 cable glands including one blind plug

Nickel-coated brass capacity Ø5-14 mm	213LN

Fixing straps

Fixing straps	-
Reinforced fixing straps with HSHC screw	BRV

Materials

End caps & fixing straps 304L stainless steel	-
End caps & fixing straps 316L stainless steel	MR

Accessories
To be ordered separately

IP68 4-outlet junction box (capacity Ø7-14mm) — CP00674

Kits for APSAD compliance
2 x 20 cm 304L stainless steel extensions — PU44277
2 x 5 cm 304L stainless steel extensions — PU44278
Also available in 316L : consult us

12V multi-brand remote control for Coulomb BAES, compatible with third-party BAES systems. — 17500271
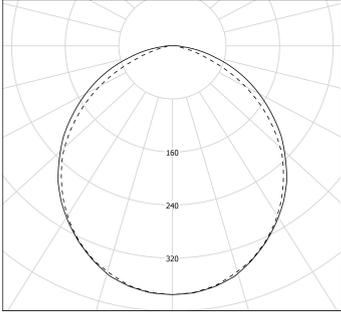
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Sammode

Specification

Photometry

cd/klm
—— C0 - C180   – – – C90 - C270
η = 100%

Technical characteristics	
Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) Photobiological hazard : None (RG0)
Optics	Optimum light uniformity: LEDs regularly distributed Window with a special LED satin finish polycarbonate diffuser
Control gear	Driver with constant voltage output
Supply voltage	230V 50 Hz NiMH- Battery
Electrical class	Class I
Operating temperature	0°C to +30°C
Easy intallation and maintenance	
Connection	With nickel-coated brass cable gland for cable Ø 5-14 mm To a 5 x 2,5 mm² terminal block, including 2 polarised 12 V remote control inputs
Mounting	Attachement with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules Opening by releasing the screw and extracting the diffuser Gear tray fixed on the end cap supporting the cable entry
Materials	
Housing	Polycarbonate
End caps and fixing straps	304L stainless steel
Gaskets	Peroxide-cured EPDM
Method of construction	Housing in one piece with high mechanical and chemical resistance Long-lasting imperviousness by axial screw fitting
Standards	
Compliance	EN 60598-1, EN 60598-2-22 NF C71-820, UTE C71-806 EVAC version : NF C71-800 AMB version : NF C71-801
LCIE licence n°	EVAC version : n° T14007 AMB version : n° T14008
Test	SATI (automatic built-in test system) performance
Label (EVAC versions)	Provided with universal labels (pictogram and right arrow)
Type	Non-maintained
Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	960°C