





Escape route
(EVAC)



Anti-panic
(AMB)

In central source version (NF AEAS / LSC) or independent version (1h or 3h) (automatic tests as per IEC62034), the MAXWELL is the must-have emergency lighting unit for demanding industrial environments, whether for evacuation lighting or ambient lighting. Durably sealed, composed of robust materials, it can be wired in permanent or non-permanent mode, and its DALI addressable version enables smart and decentralised management of your installation. For emergency lightning, don't play with fire , choose Sammode quality!



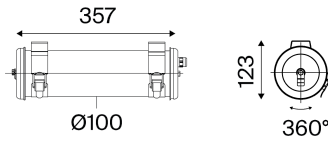


MAXWELL

Central source or independent emergency lighting, permanent/non-permanent, for industrial environments



Sammode



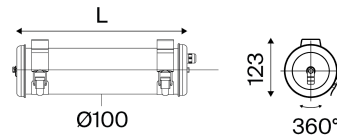
230V AC/DC central battery system version

Compliant with NF EN 60598-2-22, NF AEAS approved LSC unit



Emergency output (lm)	Type	L (mm)	T (K)	Designation	Code	Watt/VA
<input checked="" type="checkbox"/> 75	EVAC	357	4000	MAX100 LSC EVAC SA 113LN BRS	18405014	45018
<input type="checkbox"/> 330	AMB	357	4000	MAX100 LSC AMB SA 113LN BRS	18405015	79/16

This model, which complies with the European emergency lighting standard, also fulfills NF AEAS / LSC



Non-addressable independent version

Compliant with NF EN 60598-2-22, automatic test according to IEC 62034

Emergency output (lm)	Autonomy(h)	L (mm)	T (K)	Designation	Code	Watt**
<input checked="" type="checkbox"/> 45	1	357	6500	MAX100 S1H 45-865 SA 113LN BRS	18415053	1
	3	357	6500	MAX100 S3H 45-865 SA 113LN BRS	18415035	1
<input type="checkbox"/> 440	1	385	4000	MAX100 S1H 440-840 SA 113LN BRS	18415051	1,7
	3	385	4000	MAX100 S3H 440-840 SA 113LN BRS	18415052	2,2

The choice between permanent or non-permanent mode can be made on the terminal at the time of installation. An NF AEAS-certified BAES emergency lighting model exists (non-permanent type); see the COULOMB luminaire. **Watts on standby mode.

DALI-addressable independant version

Compliant with NF EN 60598-2-22, automatic test according to IEC 62034



Emergency output (lm)	Autonomy(h)	L (mm)	T (K)	Designation	Code	Watt**
<input checked="" type="checkbox"/> 45	1	357	6500	MAX100 S1H 45-865 RD SA 113LN BRS	18415054	1
	3	357	6500	MAX100 S3H 45-865 RD SA 113LN BRS	18415055	1
<input type="checkbox"/> 440	1	385	4000	MAX100 S1H 440-840 RD SA 113LN BRS	18415056	1,7
	3	385	4000	MAX100 S3H 440-840 RD SA 113LN BRS	18415057	2,2

The choice between permanent or non-permanent mode can be made on the terminal at the time of installation. An NF AEAS-certified BAES emergency lighting model exists (non-permanent type); see the COULOMB luminaire. **Watts on standby mode.

Options

Cable entry	Fixing straps	Materials
		End caps & fixing straps 304L stainless steel
1 cable gland	Reinforced fixing straps	-
Nickel-coated brass capacity Ø5-14 mm	Reinforced fixing straps with HSHC screw	MR
2 cable glands including one blind plug		
Nickel-coated brass capacity Ø5-14 mm		
Disconnectable plugs		
IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm)		



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Sammode

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

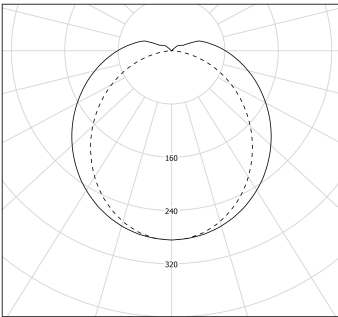
2 x 5 cm 304L stainless steel extensions PU44278

Also available in 316L : consult us

Specification



Photometry



cd/klm
— C180 - - - C270

TI = 100%

Technical characteristics

Light source	High-efficiency removable LED module (3 SDCM) Photobiological hazard : None (RG0)
Optics	Optimum light uniformity: LEDs regularly distributed Special satin-finish housing for LED
Control gear	SXH AMB Versions : Driver with constant voltage output LSC or EVAC versions : Driver with constant current output Addressable driver (for DALI SXH versions)
Supply voltage	LSC EVAC version : 220-240V 0/50/60Hz LSC AMB version : 180-254V 0/50/60Hz SXH versions : 220-240V 50/60Hz SXH versions : NiMH battery
Electrical class	Class I
Operating temperature	LSC versions : -20°C to +40°C SXH versions : 0°C to +40°C

Easy installation and maintenance

Connection	With nickel-coated brass cable gland for cable Ø 5-14 mm LSC version : to a 3 x 2,5 mm ² terminal block SXH version : to a 6 x 2,5 mm ² terminal block
Mounting	Attachment 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 LSC versions : NF C71-802
LCIE licence n°	LSC EVAC version : n°13038 LSC AMB version : n°13037
Test	SXH versions : Automatic tests compliant with IEC 62034 LED indication lamp on the end cap supporting the cable entry
Label (EVAC versions)	Single sided signage Provided with universal labels (pictogram and right arrow)
Type	Maintained and non-maintained
Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	960°C