

# MAXWELL X-Cold

Central source or independent emergency lighting in 24V DC, permanent/non-permanent, for extreme cold environments



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Lighting in very cold temperatures is an affair for specialists, particularly where emergency lighting is concerned. Durably sealed and ultra-resistant to thermal and mechanical shocks, the MAXWELL X-Cold, designed to run off a secondary 24VDC power supply, is the ideal emergency lighting unit for intensive usage at temperatures down to  $-60^{\circ}\text{C}$ . NF AEAS-certified, it ships with a disconnectable plug reinforced against moisture penetration and a set of standardised labels to be positioned at your convenience.



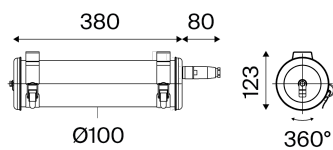


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Sammode



## For 24V DC central battery system

Down to -60°C, compliant with NF EN 60598-2-22, NF AEAS approved

Emergency output (lm)	L (mm)	T (K)	Designation	Code	Watt
400	380	4000	MAX100 LSC BT 24DC SA PS2 BRS	18365004	10
Model equipped with LEDs certified for temperatures down to -60°C and an unpluggable connector on resin-contact terminal block eliminating any risk of moisture ingress.					

## Options

Cable entry	Fixing straps	Materials
		End caps & fixing straps 304L stainless steel End caps & fixing straps 316L stainless steel
<b>1 cable gland</b> Nickel-coated brass capacity Ø5-14 mm 113LN	Reinforced fixing straps Reinforced fixing straps with HSHC screw	BRS BRV
<b>2 cable glands including one blind plug</b> Nickel-coated brass capacity Ø5-14 mm 213LN		
<b>Disconnectable plugs</b> IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) PS2		

## Accessories

To be ordered separately

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	



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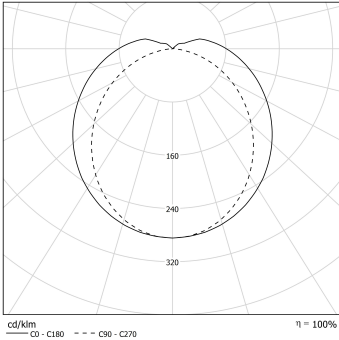


Sammode

## Specification



## Photometry



Technical characteristics	
Light source	Specific removable LED modules for extreme cold conditions (IRC>80) Photobiological hazard : None (RG0)
Optics	Optimum light uniformity: LEDs regularly distributed Special satin-finish housing for LED
Heat management	Aluminium heat sink
Supply voltage	24V DC +/-5%
Electrical class	Class III
Operating temperature	-60°C to +25°C
Easy intallation and maintenance	
Connection	With disconnectable plug Ø 8 to 10 mm cable (2 x 1,5 mm²)
Mounting	Attachement with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
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	Silicone
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 C71-802
LCIE licence n°	N°11026
Label	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