

# BARENTS X-Cold

ø133 high ceiling tube light for very low temperature storage areas



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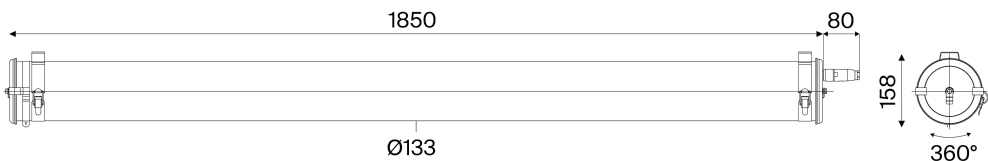
Cold rooms with high shelving require reliable lighting and optimised light distribution. The BARENTS, specifically equipped with an LED light source with high-efficiency intensive lens, combines the optical qualities of a spotlight with the legendary seal qualities of Sammode tube lights. The icing on the cake is a disconnect connector, reinforced against frost and humidity ingress, which facilitates installation, even at a height of 15 m. The result: powerful, uniform and energy-saving lighting, but above all incredible reliability and durability.





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**Disconnectable quick-lock plug version**  
CRI80, 4000K, elliptical beam, special for high-ceilinged spaces



Flux (lm)	L (mm)	Designation	Code	Watt
13700	1850	BAR133 16H840 POME PS3 BRS	32100020	115

Models fitted with reinforced electronics for repeated switching on and off at very low temperatures, and specific silicone seals for impermeability even across a wide temperature range.

## Options

Cable entry	Fixing straps	Color temperature
		3000K 830 4000K 840 5000K 850
Cable gland	Materials	Lighting management
Polyamide capacity Ø7-12mm 113 Polyamide capacity Ø8-14mm 116 Nickel-coated brass capacity Ø5-14 mm 113LN	End caps & fixing straps 304L stainless steel End caps & fixing straps 316L stainless steel	Electronic gear unit for DALI 2 dimming RD Switch-off warning function (for sensor/timer) RC Built-in presence sensor for high bay (length increased by 85mm) SIHB
Disconnectable plugs		
IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) PS3		- 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	1m HO7-RNF Xtrem pre-wired cable 3G1,5² Stripped free end CAB0285 Wieland® plug IP68/IP69K CAB0286 (capacity : Ø10-14mm) Wieland® plug and Y splitter for loop-in/out CAB0287 Other lengths: consult us



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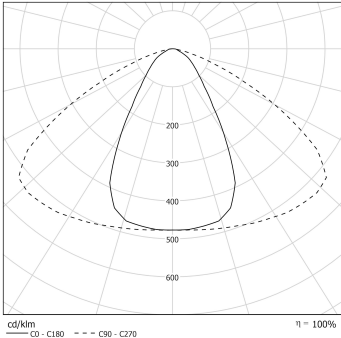


Sammode

## Specification



## Photometry



## Technical characteristics

Light source	High-efficiency removable LED module (3 SDCM) 70 000 h L80/B10 even at min. operating temperature
Optics	Intensive linear lens (elliptical) for high-ceilinged spaces
Heat management	Aluminium heat sink
Control gear	High reliability constant current output driver, mechanically and thermally reinforced. Resistance to overload: 320 V AC, 48 h Supports voltage spikes < 4 kV Electronic compatible with central source
Supply voltage	220-240V ±10% 0/50/60Hz
Electrical class	Class I
Operating temperature	-40°C to +25°C

## Easy installation and maintenance

Connection	With disconnectable plug Ø 8 to 10 mm cable (3 × 1,5 mm <sup>2</sup> )
Mounting	Attachment with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules and driver Opening by releasing the 2 closing screws, removing the end cap and extracting the gear tray

## Materials

Housing	Special polycarbonate housing protected from UV, solvents, hydrocarbons and cleaning agents by a coextrusion of PMMA
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

Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	650°C
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)