

NAPIER Xtrem

Borosilicate glass tube $\varnothing 100$ and $\varnothing 133$ for highly corrosive extreme atmospheres



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With its one-piece casing, all in stainless steel and borosilicate glass, the NAPIER is designed to resist multiple accumulated stress factors: vibrations, corrosion, abrasion, high temperature variations, and electrical risk environments. In short, it can handle hell on earth, or on the high seas! Ultra-hermetic and equipped with high-reliability electronics, its resistance over time is exceptional, even in highly corrosive environments. 100% dismantlable and entirely repairable on-site, it offers the unique promise of a lighting solution for life.



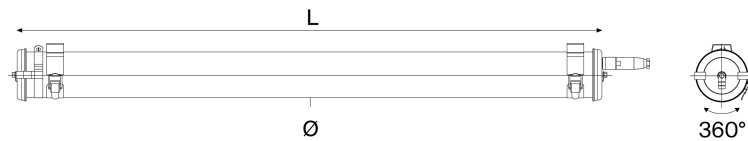


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Sammode



Disconnectable quick-lock plug version

CRI80, 4000K



Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	697	NAP100 12H840 PY PS3 BRS	31040020	15
	2775	1007	NAP100 13H840 PY PS3 BRS	31040040	23
	3660	1307	NAP100 14H840 PY PS3 BRS	31045024	30
	4625	1607	NAP100 15H840 PY PS3 BRS	31040080	36
133	5550	987	NAP133 23H840 PY PS3 BRS	32040020	41
	7500	1287	NAP133 24H840 PY PS3 BRS	32045020	54
	9250	1587	NAP133 25H840 PY PS3 BRS	32040060	67

One-piece housing, impervious to vibrations, 100% removable and upgradable (Screw system).

All 316L stainless steel version, ultimate chemical resistance

CRI80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	697	NAP100 12H840 PY 113INOX MR BRS	31045046	15
	2775	1007	NAP100 13H840 PY 113INOX MR BRS	31045045	23
	3660	1307	NAP100 14H840 PY 113INOX MR BRS	31045047	30
	4625	1607	NAP100 15H840 PY 113INOX MR BRS	31045048	36
133	5550	987	NAP133 23H840 PY 113INOX MR BRS	32045026	41
	7500	1287	NAP133 24H840 PY 113INOX MR BRS	32045024	54
	9250	1587	NAP133 25H840 PY 113INOX MR BRS	32045025	67

One-piece housing, impervious to vibrations, 100% removable and upgradable (Screw system).

Options

Cable entry	Fixing straps	Color temperature
		3000K 830 4000K 840 5000K 850
Cable gland	Reinforced fixing straps	Lighting management
Polyamide capacity Ø5-12mm 113	Reinforced fixing straps with HSHC screw	BRS Electronic gear unit for DALI dimming RD
Polyamide capacity Ø7-14mm 116		BRV
Nickel-coated brass capacity Ø5-14 mm 113LN	Materials	
Stainless steel 316L capacity Ø7-13mm 113INOX	End caps & fixing straps 304L stainless steel -	
Disconnectable plugs	End caps & fixing straps 316L stainless steel MR	
IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) PS3		

Accessories

To be ordered separately

1m HO7-RNF pre-wired cable 3G1,5 ²	Folded 316L stainless steel protective cover	316L stainless steel column mounting fixing strap
Stripped free end	Length 800mm	CP00565 Adapter ø1"1/4 (=42mm) CP01239
Wieland® plug IP68/IP69K CAB0080	Length 1100mm	CP00596 Adapter ø1"1/2 (=49mm) CP01238
(capacity : Ø10-14mm)	Length 1400mm	CP00566 Adapter ø2" (=60mm) CP01237
Wieland® plug and Y splitter for loop-in/out CAB0145	Length 1700mm	CP00567 To order by 2
Other lengths: consult us		



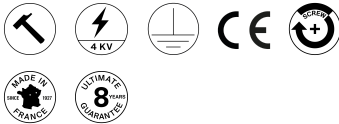
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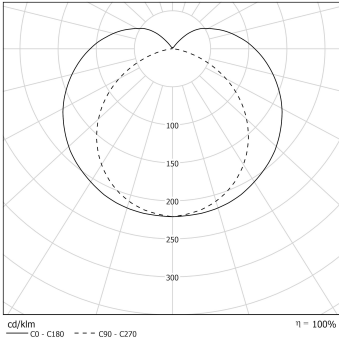


Sammode

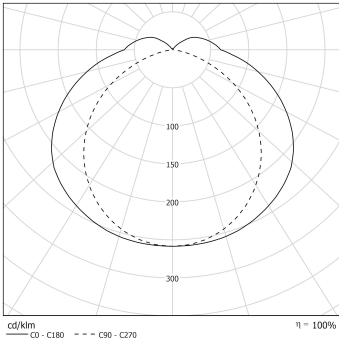
Specification



Photometry



Diameter 100



Diameter 133

Technical characteristics

Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 70 000 h L80/B10 at max. operating temperature Photobiological hazard : None (RG0)
Optics	Specific satin-finish primary diffuser optics
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 Compatible with neutral TN, TT and IT arrangements with no limitations Electronic compatible with central source
Supply voltage	198-264V 0/50/60Hz
Operating temperature	-20°C to +50°C

Easy intallation and maintenance

Connection	Version with 3-pole plug : disconnectable plug for Ø 8 to 10 mm cable (3 x 1.5 mm ²) 113INOX version : 316L stainless steel cable gland for cable Ø 7-13 mm, to a 3 x 2,5 mm ² disconnectable 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 and driver Opening by releasing the 2 closing screws, removing the end cap and extracting the gear tray

Materials

Housing	Borosilicate-glass
End caps and fixing straps	304L stainless steel (except MR version in 316L 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

Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK07
Fire resistance	Non-flammable
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)