

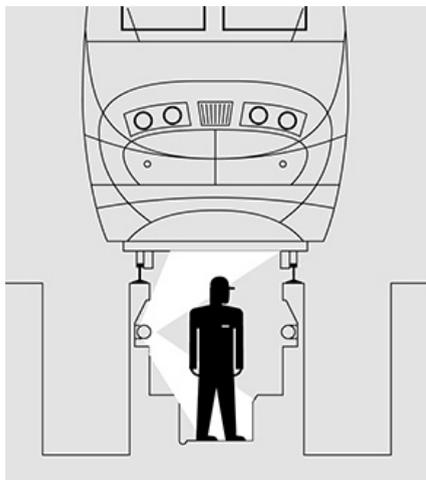
NIEPCE FV LED

ø70 compact tube light for lighting inspection pits



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With the NIEPCE FV, the love affair between Sammode and inspection pits shows no signs of fading. The conclusion is irrefutable: there can be no better luminaire for lighting them up! Compact, ultra-hermetic, resistant to shocks, vibrations and oil spatter, the NIEPCE FV has dual-oriented optics for uniform lighting on the underside of a carriage and at the bottom of a pit, without dazzling the operator. To top it all off, its LED board is reversible for left or right installation, directly on site.



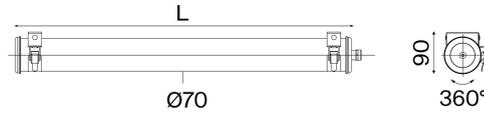


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Sammode

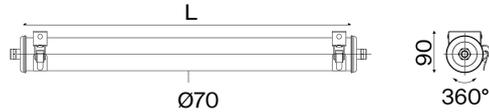


Standard version

CRI80, 4000K, specific direct/indirect optics

Flux (lm)	L (mm)	Designation	Code	Watt
1700	715	NIE70 FV 12H840 POME 113LN	19950010	14
3000	995	NIE70 FV 13H840 POME 113LN	19950020	25
4300	1275	NIE70 FV 14H840 POME 113LN	19950030	35

Models fitted with a reversible gear tray with Close'n Connect® connection left or right, and offering perfect equivalence to the fluorescent 24W, 39W and 54W NIE70 FV 2.



Through wiring version

CRI80, 4000K, specific direct/indirect optics

Flux (lm)	L (mm)	Designation	Code	Watt
1700	715	NIE70 FV 12H840 TR POME 113LN	19950013	14
3000	995	NIE70 FV 13H840 TR POME 113LN	19950005	25
4300	1275	NIE70 FV 14H840 TR POME 113LN	19950003	35

The Close'n Connect® system at each end of the gear tray greatly facilitates the installation of these through-lights.

Options

Cable entry	Fixing straps	Color temperature
		3000K 830 4000K 840 5000K 850
Cable gland Nickel-coated brass capacity Ø5-14 mm	Fixing straps Fixing straps with HSHC screw	Lighting management Electronic gear unit for DALI dimming RD Switch-off warning function (for sensor/timer) RC Built-in presence sensor (length increased by 85mm) SI
Disconnectable plugs IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm)	Materials Polycarbonate housing Coextruded polycarbonate/ PMMA housing with high chemical resistance End caps & fixing straps 304L stainless steel End caps & fixing straps 316L stainless steel	Electrical class Class I - Class II CL2
PS2/PS3	POME MR	

Accessories

To be ordered separately

	
IP68 4-outlet junction box (capacity Ø7-14mm)	CP00674
	1m HO7-RNF pre-wired cable 3G1,5 ² Stripped free end CAB0080 Wieland® plug IP68/IP69K CAB0095 (capacity : Ø10-14mm) Wieland® plug and Y splitter for loop-in/out CAB0145 Other lengths: consult us



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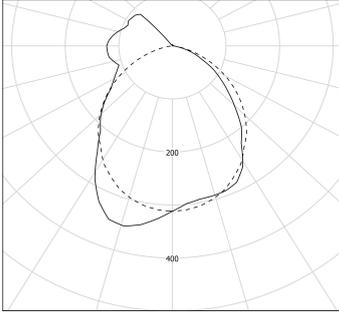


Sammode

Specification



Photometry



Technical characteristics

Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 70 000 h L80/B50 at max. operating temperature Photobiological hazard : None (RG0)
Optics	Specific optics with high visual comfort and asymmetric reflector for train lighting and additional ground-directed lighting
Heat management	Aluminium heat sink
Control gear	High reliability constant current output driver Resistance to overload: 320 V AC, 48 h Electronic compatible with central source
Supply voltage	220-240V ±10% 0/50/60Hz
Electrical class	Class I
Operating temperature	-20°C to +35°C

Easy installation and maintenance

Connection	With nickel-coated brass cable gland for cable Ø 5-12 mm To a 3 x 2,5 mm ² disconnectable terminal block Reversible gear tray for orientation of reflector and connection left or right, with automatic electrical connection system on closure
Mounting	2 stainless steel fixing straps with spring clip and EPDM support pad, with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules and driver Maintenance without tampering with the cable by removal of the end cap without cable entry Closing by tightening the nut on the cable gland Close'N Connect Patented system with automatic electrical connection/disconnection on closure

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	Peroxide-cured EPDM
Method of construction	One-piece housing with reinforced ingress protection by radial expansion of the seal

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)