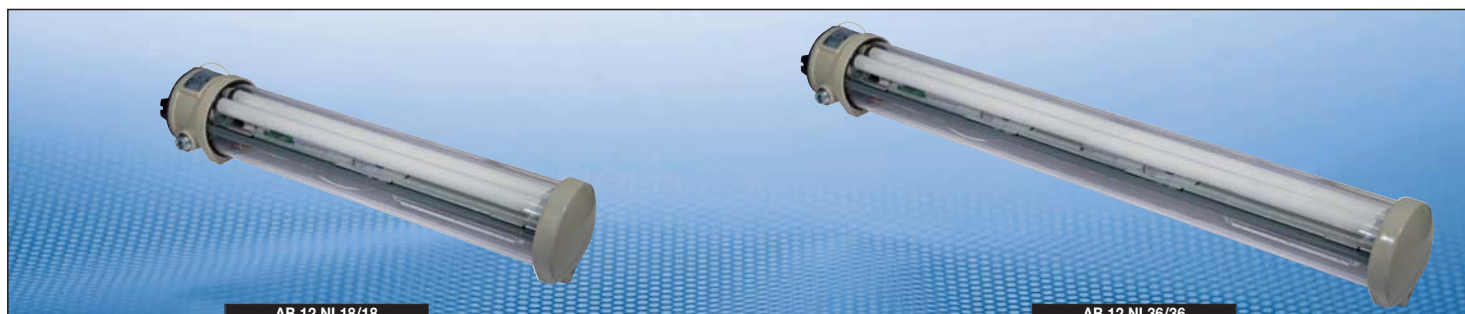


FITTING



AB 12 NI 18/18

AB 12 NI 36/36

Technical Data

Marking to 94/9/EC	⊕ II 2 G Ex d e ib IIB T5/T6 ⊕ II 2 D - Ex tD A21 IP67 T100°C
EC-Type Examination Certificate	LOM 09 ATEX 2062X
Permissible ambient temperature	-20 °C up to +40 °C (T6) / -20 °C up to +55 °C (T5)
Permissible ambient temperature (specified data for the battery)	-5 °C up to +35 °C
Rated voltage	220 to 240V + 10% AC
Frequency	50 - 60Hz
Power factor cos φ	≥ 0.95
Circuit	EVG, with emergency power supply
Connecting terminals	L', L, N and PE: 2 x 2, 5 mm ² / PE ext. 2 x 6 mm ²
Insulation class	I
lamp cap	G13
Light efficiency in operation	73% (mains operation)
Rated emergency lighting operation	1-lamps 1.5 or 3 hours
Charging duration	> 14 h
Degree of protection accd. EN 60529	IP67
Cable glands/Gland plates/Enclosure drilling	Direct entry: 2 x 3/4" ISO 7/1, one plugged ¹⁾
Enclosure material	light alloy with powder coating
Enclosure colour	grey
Protective cover/protective bowl	borosilicate glass

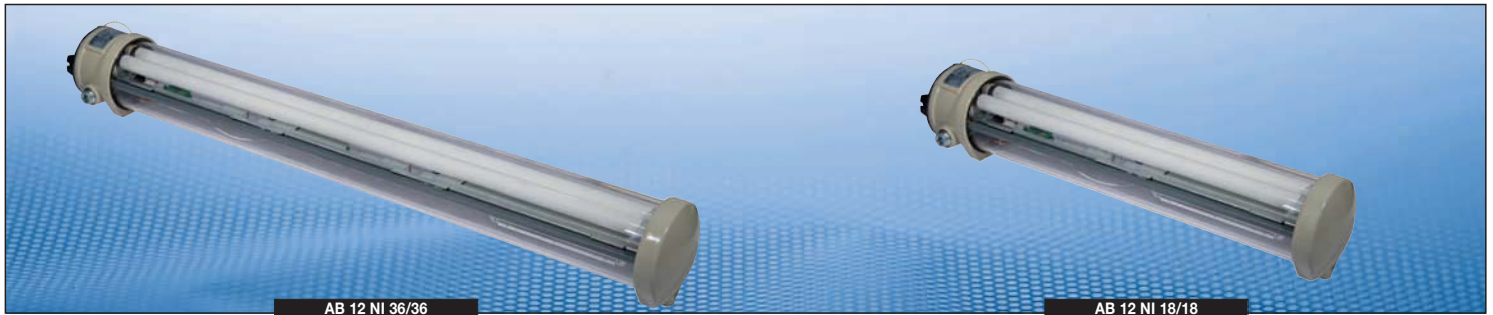
	AB 12NI 18/18	AB12NI 36/36
Rated current	0.17 A	0.48 A
Lamp/Illuminant	2 x T26 18 W	2 x T26 36 W G13 accd. IEC 60081
rated luminous flux	2700 lm ²⁾	6700 lm ³⁾
rated luminous flux in emergency operation (one lamp) 1.5 h	675 lm ²⁾	1072 lm ³⁾
rated luminous flux in emergency operation (one lamp) 3 h	392 lm ²⁾	938 lm ³⁾
Battery	6 V / 4 Ah NiCd	6 V 4 Ah (1.5 h) / 7 Ah (3 h) NiCd
Dimensions (L x W x H)	707 x 140 x 114 mm	1320 x 140 x 114 mm
Weight	7 kg	12 kg

1) Others entries e.g. metric on request.

2) depends on used lamps

L I G H T F I T T I N G

COOPER Crouse-Hinds



AB 12 NI 36/36

AB 12 NI 18/18

Ordering details

Type	Lamp	rated emergency lighting duration	Blanking plug	Order No.
AB12NI 18/18 - 1,5	2 x 18W	1.5 h	1 x 3/4" - ISO 7/1	NOR 000 005 060 302
AB12NI 18/18 - 3	2 x 18W	3 h	1 x 3/4" - ISO 7/1	NOR 000 005 060 318
AB12NI 36/36 - 1,5	2 x 36W	1.5 h	1 x 3/4" - ISO 7/1	NOR 000 005 060 310
AB12NI 36/36 - 3	2 x 36W	3 h	1 x 3/4" - ISO 7/1	NOR 000 005 060 348

Scope of delivery without lamps and fixing material.

Accessories

Lamp for luminaire AB12..NI

Type of lamp socket/ Diameter	Power	Luminous flux Light colour	Order No.
T26/Ø 26 mm (T8)	18 W	1350 lm white	3 2475 900 001
Bi-pin socket G13	36 W	2350 lm white	3 2475 900 002
T26/Ø 26 mm (T8) Longlife	18 W	1300 lm universal white	3 2475 900 087
Bi-pin socket G13	36 W	3350 lm universal white	3 2475 900 088

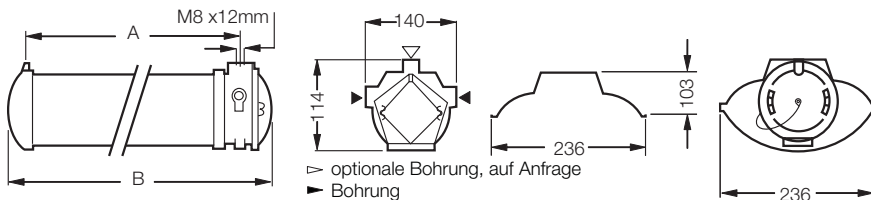
Reflector for luminaire AB12..NI

Type	Material	Version	Application	Order No.
Reflector RAB 220	AISI 304		for AB 12 NI 18/18	NOR 003 045 060 403
Reflector RAB 240	AISI 304		for AB 12 NI 36/36	NOR 003 045 060 411
Reflector RAB 220	AISI 316		for AB 12 NI 18/18	NOR 003 165 060 403
Reflector RAB 240	AISI 316		for AB 12 NI 36/36	NOR 003 165 060 411
Reflector GRAB 220	AISI 304	with wire guard (steel, white epoxid coated)	for AB 12 NI 18/18	NOR 003 045 060 479
Reflector GRAB 240	AISI 304	with wire guard (steel, white epoxid coated)	for AB 12 NI 36/36	NOR 003 045 060 487
Reflector GRAB 220	AISI 316	with wire guard (steel, white epoxid coated)	for AB 12 NI 18/18	NOR 003 165 060 479
Reflector GRAB 240	AISI 316	with wire guard (steel, white epoxid coated)	for AB 12 NI 36/36	NOR 003 165 060 487

Scope of delivery without lamps and fixing material.

Dimension drawing / Polar curve

Type	A	B
AB 12 NI 18/18	652	707
AB 12 NI 36/36	1265	1320



Polar curve AB 12 NI ..

