

Ordering details

Type	Scope of delivery	Order unit	Order No.
SEB 10	with twin-lens high power LED system Lithium-Iron-Phosphate battery (rechargeable with LG 443 or motor vehicle charger 90)		1 1147 000 820
SEB 10 L	with twin-lens high power LED system Lithium-Iron-Phosphate battery (rechargeable rechargeable directly about mains lead, with LG 443 or motor vehicle charger 90)		1 1147 000 810
SEB 9	with halogen lamp with double bulb, pilot, diffusing lens and battery (rechargeable with LG 443 or motor vehicle charger)	1	1 1147 009 002
SEB 9 L	with halogen lamp with double bulb, pilot, diffusing lens and battery (rechargeable directly about mains lead, with LG 443 or motor vehicle charger 90)	1	1 1147 009 001
SEB 8	with halogen lamp with double bulb, pilot, diffusing lens and battery (rechargeable with LG 443 or motor vehicle charger)	1	1 1147 000 002
SEB 8 L	with halogen lamp with double bulb, pilot, diffusing lens and battery (rechargeable directly about mains lead, LG 443 or motor vehicle charger 90)	1	1 1147 000 001
SEB 8 DIN	with Xenon-incandescent lamp, pilot lamp, diffusing lens and battery (rechargeable with LG 443 or motor vehicle charger)	1	1 1147 000 004
SEB 8 L DIN	with Xenon-incandescent lamp, pilot lamp, diffusing lens and battery (rechargeable directly about mains lead, LG 443 oder motor vehicle charger 90)	1	1 1147 000 003
SEB 8 ADR	with halogen lamp with double bulb, pilot, diffusing lens and battery (rechargeable with LG 443 or motor vehicle charger), warning- and inspection light for transportation of hazardous goods	1	1 1147 000 200

Accessories



Type	Content	Application	Order unit	Order No.
Halogen lamp with double bulb 5.5 V/ 5.5 W		for SEB 8 and SEB 9	1	1 2061 000 040



1 incandescent lamp 4.8 V/ 4 W	4.8 V/4 W	for SEB 8 DIN and SEB 8L DIN	1	1 2061 001 400
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1 incandescent lamp 4.8 V/ 0.3 A (pilot lamp)		for SEB 8/9	10	1 2041 450 000
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Motor vehicle charger 90	Charger 10 V - 33 V DC	for SEB 8/9/10	1	1 1145 000 792
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Wall bracket SW	console without charging module	for SEB 8/9/10	1	1 1145 000 795
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LG 443	220 V - 250 V AC	for SEB 8/9/10	1	1 1540 000 443
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Slip-on filter orange with adapter and magnet		for SEB 8 ADR	1	1 1147 080 000
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Battery set with NC battery 4.8 V/ 5 Ah, rechargeable		for SEB 8/8L DIN	1	2 1147 512 000
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Battery set with NC battery 4.8 V/ 7 Ah, rechargeable		for SEB 8/ 8L	1	2 1147 701 000
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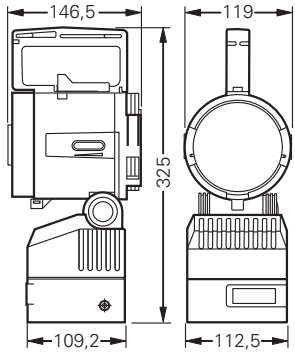
Battery set with NiMH battery 4.8 V/ 9.5 Ah, rechargeable		for SEB 9/ 9L	1	2 1147 791 000
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1.5

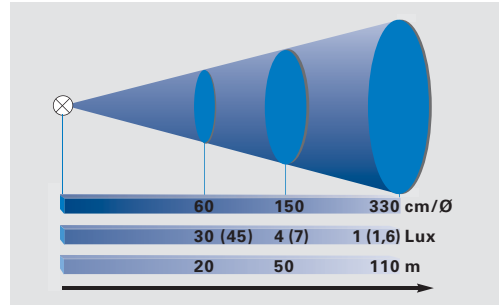
Dimension drawing / Range-diagram / Indication of residual operating time

Series SEB 8 / SEB 9 / SEB 10

Dimension drawing SEB 8/SEB 9/ SEB 10

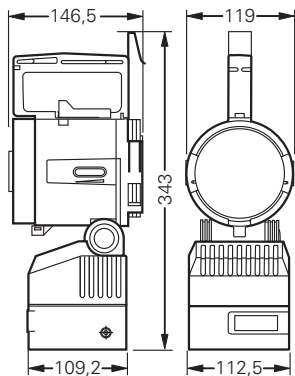


Range-diagram SEB 10

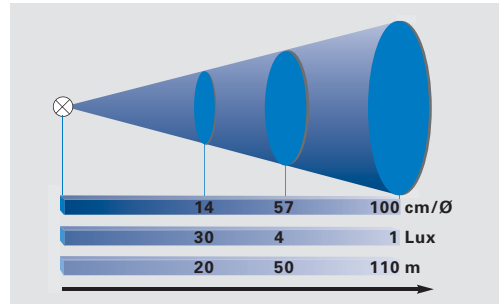


Values in brackets for boost operation

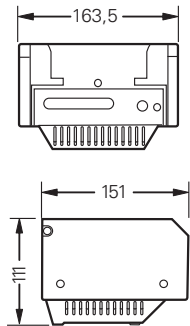
Dimension drawing SEB 8 DIN/SEB 8 L DIN



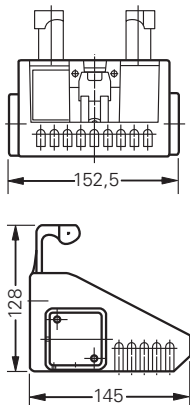
Range-diagram SEB 9 / 8



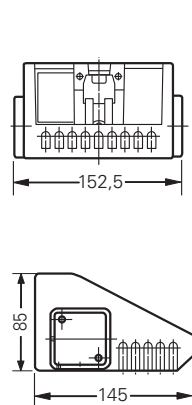
Dimension drawing LG 443



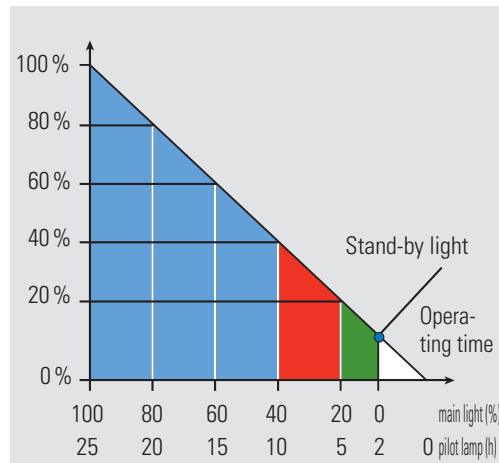
Dimension drawing motor vehicle charger 90



Dimension drawing wall bracket SW



Indication of residual operating time (SEB 8 / SEB 9 only)

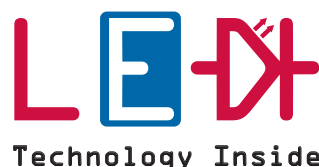


Dimensions in mm









Technical data

	SEB 10	SEB 10 L
EC-Type Examination Certificate	BVS 14 ATEX ... (applied for)	BVS 14 ATEX ... (applied for)
Marking accd. to 94/9/EC	Ⓜ II 2 G Ex d e ib mb IIC T4 Gb Ⓜ II 2 D Ex tb IIIC T85 °C Db	Ⓜ II 2 G Ex d e ib mb IIC T4 Gb Ⓜ II 2 D Ex tb IIIC T85 °C Db
Permissible ambient temperature	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)
Battery	9.9 V 2.5 Ah rechargeable LiFePO ₄ battery	9.9 V 2.5 Ah rechargeable LiFePO ₄ battery
Rated voltage (charger)	–	230 V AC
Frequency (charger)	–	50 - 60 Hz
Charging duration	max. 8 h (depends on the state of charge)	max. 8 h (depends on the state of charge)
Rated operating duration (main light)	5.5 h	5.5 h
Switch	Flashing light – Working light – OFF – Search light – Boost function search light (max. 10 min)	Flashing light – Working light – OFF – Search light – Boost function search light (max. 10 min)
Protection class	III	III / II
Lamp / Illuminant	2 high efficiency LED-Systems	2 high efficiency LED-Systems
Rated luminous flux	230 lm (search light)/ 365 lm (search light boost function)	230 lm (search light)/ 365 lm (search light boost function)
Max. luminous intensity	12000 cd (search light) 19000 cd (search light boost function) 1000 cd (working light)	12000 cd (search light) 19000 cd (search light boost function) 1000 cd (working light)
Pilot lamp		
Dimensions (L x W x H)	325 x 119 x 146.5 mm	325 x 119 x 146.5 mm
Function	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, back-up light when low capacity, rechargeable with LG 443 or motor vehicle charger 90)	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, back-up light when low capacity, rechargeable directly with mains cord, with LG 443 or motor vehicle charger 90)
Enclosure colour	black	black
Enclosure material	Polyamide	Polyamide
Weight	1.55 kg	2.1 kg
Light aperture	Ø 98 mm, mineral glass	Ø 98 mm, mineral glass
Degree of protection accd. to EN 60529	IP65	IP65
Scope of delivery	with twin-lens LED-system, diffusing lens, battery	with twin-lens LED-system, diffusing lens, battery, internal charger unit,





Technical data

	SEB 9	SEB 9 L
EC-Type Examination Certificate	BVS 09 ATEX E 005	BVS 08 ATEX E 116
EC-Type approval acc. guideline 2009/49/EC EMV in vehicles	 035969	 035969
Marking accd. to 94/9/EC	 II 2 G Ex e ib IIC T4 Gb  II 2 D Ex tb IIIC T85 °C Db	 II 2 G Ex e ib IIC T4 Gb  II 2 D Ex tb IIIC T85 °C Db
Permissible ambient temperature	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)
Battery	4.8 V/ 9.5 Ah rechargeable NiMH battery	4.8 V/ 9.5 Ah rechargeable NiMH battery
Rated voltage (charger)	–	230 V AC
Frequency (charger)	–	50 - 60 Hz
Charging duration	max. 14 h (dep. on the state of charge)	max. 14 h (dep. on the state of charge)
Rated operating duration (main light)	7 h	7 h
Switch	Service – pilot lamp – OFF – main light – signal light	Service – pilot lamp – OFF – main light – signal light
Protection class	III	II/III
Lamp / Illuminant	5.5 V / 5.5 W halogen lamp with double bulb	5.5 V / 5.5 W halogen lamp with double bulb
Rated luminous flux	approx. 100 lm	approx. 100 lm
Lamp cap	BA 15d	BA 15d
Lamp cap pilot lamp	BA 9s	BA 9s
Max. luminous intensity	15000 cd	15000 cd
Pilot lamp	4.8 V/0.3 A	4.8 V/0.3 A
Dimensions (L x W x H)	325 x 119 x 146.5 mm	325 x 119 x 146.5 mm
Function	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, switching for standby light or in case of broken filament, (rechargeable with LG 443 or motor vehicle charger)	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, switching for standby light or in case of broken filament, internal charger unit, rechargeable with LG 443 or motor vehicle charger
Enclosure colour	black	black
Enclosure material	Polyamide	Polyamide
Weight	1.9 kg	2.2 kg
Light aperture	Ø 98 mm, mineral glass	Ø 98 mm, mineral glass
Degree of protection accd. to EN 60529	IP65	IP65
Scope of delivery	with halogen lamp with double bulb, pilot, diffusing lens and battery	with halogen lamp with double bulb, pilot, diffusing lens and battery, internal charger unit,



Technical data

	SEB 8	SEB 8 L
EC-Type Examination Certificate	BVS 08 ATEX E 116	BVS 08 ATEX E 116
EC-Type approval acc. guideline 2009/19/EG (EMV in vehicles)	035969	035969
Marking accd. to 94/9/EC	II 2 G Ex e ib IIC T4 Gb II 2 D Ex tb IIIC T85 °C Db	II 2 G Ex e ib IIC T4 Gb II 2 D Ex tb IIIC T85 °C Db
Permissible ambient temperature	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)
Battery	4.8 V/ 7 Ah rechargeable NC battery	4.8 V/ 7 Ah rechargeable NC battery
Rated voltage (charger)	–	230 V AC
Frequency (charger)	–	50 - 60 Hz
Charging duration	max. 14 h (dep. on the state of charge)	max. 14 h (dep. on the state of charge)
Rated operating duration (main light)	5.5 h	5.5 h
Switch	Service – pilot lamp – OFF – main light – signal light	Service – pilot lamp – OFF – main light – signal light
Protection class	III	II/III
Lamp / Illuminant	5.5 V / 5.5 W halogen lamp with double bulb	5.5 V / 5.5 W halogen lamp with double bulb
Rated luminous flux	approx. 100 lm	approx. 100 lm
Lamp cap	BA 15d	BA 15d
Lamp cap pilot lamp	BA 9s	BA 9s
Max. luminous intensity	15000 cd	15000 cd
Pilot lamp	4.8 V/0.3 A	4.8 V/0.3 A
Dimensions (L x W x H)	325 x 119 x 146.5 mm	325 x 119 x 146.5 mm
Function	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, switching for standby light or in case of broken filament, (re-chargeable with LG 443 or motor vehicle charger)	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, switching for standby light or in case of broken filament, internal charger unit, rechargeable with LG 443 or motor vehicle charger
Enclosure colour	black	black
Enclosure material	Polyamide	Polyamide
Weight	2.2 kg	2.5 kg
Light aperture	Ø 98 mm, mineral glass	Ø 98 mm, mineral glass
Degree of protection accd. to EN 60529	IP65	IP65
Scope of delivery	with halogen lamp with double bulb, pilot, diffusing lens and battery	with halogen lamp with double bulb, pilot, diffusing lens and battery, internal charger unit,



Technical data

	SEB 8 DIN / SEB 8 L DIN	SEB 8 ADR
Approved design of Federal Office for motor vehicles		⚡ K 265
EC-Type Examination Certificate	BVS 08 ATEX E 116	BVS 08 ATEX E 116
EC-Type approval acc. guideline 2009/19/EC (EMV in vehicles)	[e1] 035969	[e1] 035969
Marking accd. to 94/9/EC	⊕ II 2 G Ex e ib IIC T4 Gb ⊕ II 2 D Ex tb IIIC T85 °C Db	⊕ II 2 G Ex e ib IIC T4 Gb ⊕ II 2 D Ex tb IIIC T85 °C Db
Permissible ambient temperature	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)	-20 °C up to +40 °C, specified data 0 °C up to +30 °C (battery)
Battery	4.8 V/ 5 Ah rechargeable NC battery	4.8 V/ 7 Ah rechargeable NC battery
Rated voltage (charger)	- / 230 V AC	-
Frequency (charger)	- / 50 - 60 Hz	-
Charging duration	max. 14 h (dep. on the state of charge)	max. 14 h (dep. on the state of charge)
Rated operating duration (main light)	5.5 h	5.5 h
Switch	Service – pilot lamp – OFF – main light – signal light	Service – pilot lamp – OFF – main light – signal light
Protection class	III / II, III	III
Lamp / Illuminant	4.8 V / 4 W xenon lamp	5.5 V / 5.5 W halogen lamp with double bulb
Rated luminous flux	approx. 65 lm	approx. 100 lm
Lamp cap	BA 15d	BA 15d
Lamp cap pilot lamp	BA 9s	BA 9s
Max. luminous intensity	12000 cd	15000 cd
Pilot lamp	4.8 V/0.3 A	4.8 V/0.3 A
Dimensions (L x W x H)	325 x 119 x 146.5 mm	325 x 119 x 146.5 mm
Function	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, switching for standby light or in case of broken filament, internal charger unit (SEB 8 L DIN only)	microprocessor-controlled operating period indication, capacity-dependent charge flashing light, emergency light, switching for standby light or in case of broken filament
Enclosure colour	black	black
Enclosure material	Polyamide	Polyamide
Weight	1.6 kg / 2.2 kg	2.2 kg
Light aperture	Ø 98 mm, mineral glass	Ø 98 mm, mineral glass
Degree of protection accd. to EN 60529	IP65	IP65
Scope of delivery	with xenon lamp, pilot lamp, diffusing lens, battery (internal charger unit (SEB 8 L DIN only),	with halogen lamp with double bulb, pilot, diffusing lens and battery



Technical data

	Charger LG443 for SEB 10/9/8..	Motor vehicle charger 90 for SEB 10/9/8..	Wall bracket SW for SEB 10/9/8..
Permissible ambient temperature	-0 °C up to +30 C	-0 °C up to +30 C	-0 °C up to +30 C
Rated voltage	220 - 250 V AC	10 - 33 V DC	10 - 33 V DC
Frequency	50 - 60 Hz		
Protection class	II	III	III
Dimensions (L x W x H)	163.5 x 151 x 111	152.5 x 145 x 128	152.5 x 145 x 85
Enclosure colour	black	black	black
Enclosure material	ABS	ABS	ABS
Weight	1.3 kg	0.65 kg	0.65 kg
Degree of protection accd. to EN 60529	IP31	IP31	