



- Suitable for wall, ceiling and suspended mounting
- Operating modes: Continuous mode, continuous mode with switchable emergency lighting
- With function and rated operating time test with optional DALI technology
- Large recognition range $d \geq 30$ m
- Emergency exit signs with suspended panel so that they can be read from both sides
- Lightweight, robust and compact design

E2

WebCode 6109A



C-LUX 6109 series compact emergency luminaires can be used for emergency lighting, as well as for indication or escape route luminaires.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table				
Control interface		DALI		
Escape sign	Product Type	Art. No.	Weight kg	
-	6109/111-0111-180-0111-11-4850-001	273133	3.400	
-	6109/111-0111-180-0111-11-A850-001	273135	3.500	
Escape route downstairs	6109/111-0111-180-0111-11-1850-D11	273144	4.000	
Escape route to the left	6109/111-0111-180-0111-11-1850-B11	273142	4.000	
Escape route to the right	6109/111-0111-180-0111-11-1850-A11	273141	4.000	
Escape route upstairs	6109/111-0111-180-0111-11-1850-C11	273143	4.000	
escape to the left/right	6109/111-0111-180-0111-11-1850-A21	273145	4.000	
Control interface		without		
Escape sign	Product Type	Art. No.	Weight kg	
-	6109/111-0101-160-0111-11-4850-001	273132	3.400	
-	6109/111-0101-160-0111-11-A850-001	273134	3.500	
-	6109/111-0101-160-0110-01-0850-001	273169	4.000	
Escape route downstairs	6109/111-0101-160-0111-11-1850-D11	273139	4.000	
Escape route to the left	6109/111-0101-160-0111-11-1850-B11	273137	4.000	
Escape route to the right	6109/111-0101-160-0111-11-1850-A11	273136	4.000	
Escape route upstairs	6109/111-0101-160-0111-11-1850-C11	273138	4.000	
escape to the left/right	6109/111-0101-160-0111-11-1850-A21	273140	4.000	

Technical Data			
Variant			
Electrical Data			
Operating voltage AC	100...240 V ± 10%	100...240 V ± 10%	100...240 V ± 10%
Operating voltage AC max.	264 V	264 V	264 V
Battery version	NiCd battery, gas-tight	NiCd battery, gas-tight	NiCd battery, gas-tight
Battery capacity	2.2 Ah	2.2 Ah	2.2 Ah
Frequency range	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
Ambient Conditions			
Ambient temperature	-30°C ... +60°C Note: Through wiring Max. 3x16 A -30°C ... +50°C Note: Through wiring 2 Max. 3x10 A	-30°C ... +60°C Note: Through wiring Max. 3x16 A -30°C ... +50°C Note: Through wiring 2 Max. 3x10 A	-30°C ... +60°C Note: Through wiring Max. 3x16 A -30°C ... +50°C Note: Through wiring 2 Max. 3x10 A
Lighting Data			
Lamp	LED	LED	LED
Light colour		Cool white	Cool white
Light distribution		80° (with diffuser)	0-60° (with deflection optics)
Luminaire efficacy	0 lm/W	75 lm/W	60 lm/W
Luminous flux	0 lm	600 lm	490 lm
Operating time	1.5 / 3h emergency lighting operation	1.5 / 3h emergency lighting operation	1.5 / 3h emergency lighting operation
Emergency light output	25 % - 3 h 50 % - 1.5 h	25 % - 3 h 50 % - 1.5 h	25 % - 3 h 50 % - 1.5 h
Colour rendering		≥ 80	≥ 80
Colour temperature	0 K	5000 K	5000 K
Mechanical Data			
Impact strength (IK code)	IK08 (IEC 62262)	IK08 (IEC 62262)	IK08 (IEC 62262)
Degree of protection IP (IEC 60598)	IP66 / IP67	IP66 / IP67	IP66 / IP67
Protection class	I	I	I
Enclosure colour	Light grey (RAL 7035)	Light grey (RAL 7035)	Light grey (RAL 7035)
Enclosure material	Thermoset	Thermoset	Thermoset
Cover material	polycarbonate	polycarbonate	polycarbonate
Sealing material	Silicone	Silicone	Silicone
Lens material	PMMA		
Installed terminal strip	PE+N+L1+L2+L3+L"+D1+D2	PE+N+L1+L2+L3+L"+D1+D2	PE+N+L1+L2+L3+L"+D1+D2
Connection terminals solid max.	6 mm ²	6 mm ²	6 mm ²
Connection terminals finely-stranded max.	4 mm ²	4 mm ²	4 mm ²
Type of connection cable	Finely stranded Solid	Finely stranded Solid	Finely stranded Solid
Disconnection of the luminaire	No	No	No
Components			
Threaded plate	2x plastic	2x plastic	2x plastic
Ballast	6046/311-841-061 NLE DALI	6046/311-841-061 NLE DALI	6046/311-841-061 NLE DALI
Through wiring	Loop in/loop out wiring	Loop in/loop out wiring	Loop in/loop out wiring
Drilled holes	3 x M25	3 x M25	3 x M25
Screw connections	2 x M25 Ø 7 – 17 mm	2 x M25 Ø 7 – 17 mm	2 x M25 Ø 7 – 17 mm
Stopping plug	2 x M25 x 1.5	2 x M25 x 1.5	2 x M25 x 1.5
Stopping plug material	Polyamide, black	Polyamide, black	Polyamide, black
Accessories	Provided	Provided	Provided