



- Suitable for wall, ceiling and suspended mounting
- Available with DALI or ILS technology
- Emergency exit signs with suspended panel so that they can be read from both sides
- Large recognition distance  $d \geq 30$  m
- Lightweight, robust and compact design

E2

WebCode 6102A



C-LUX 6102 series compact light fittings can be used for normal lighting or as emergency luminaires in conjunction with escape route signs and/or with ILS for programmable use in central battery systems.

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

Selection Table					
Control interface		DALI			
Escape sign	Diffuser	Product Type		Art. No.	Weight kg
-	-	6102/111-0110-170-0111-11-A850-00		273105	3.050
-	with diffuser 2 x 15°	6102/111-0110-170-0111-11-4850-00		270458	3.000
Escape route downstairs	-	6102/111-0110-170-0111-11-1850-D1		273125	3.560
Escape route to the left	-	6102/111-0110-170-0111-11-1850-B1		273123	3.560
Escape route to the right	-	6102/111-0110-170-0111-11-1850-A1		273122	3.560
Escape route upstairs	-	6102/111-0110-170-0111-11-1850-C1		273124	3.560
escape to the left/right	-	6102/111-0110-170-0111-11-1850-A2		273126	3.560
Control interface		internal adress modul			
Escape sign	Diffuser	Product Type		Art. No.	Weight kg
-	-	6102/111-0130-150-0111-11-A850-00		273106	3.050
-	with diffuser 2 x 15°	6102/111-0130-150-0111-11-4850-00		270571	3.000
Escape route downstairs	-	6102/111-0130-150-0111-11-1850-D1		273130	3.560
Escape route to the left	-	6102/111-0130-150-0111-11-1850-B1		273128	3.560
Escape route to the right	-	6102/111-0130-150-0111-11-1850-A1		273127	3.560
Escape route upstairs	-	6102/111-0130-150-0111-11-1850-C1		273129	3.560
escape to the left/right	-	6102/111-0130-150-0111-11-1850-A2		273131	3.560
Control interface		without			
Escape sign	Diffuser	Product Type		Art. No.	Weight kg
-	-	6102/111-0100-150-0111-11-A850-00		273104	3.050
-	with diffuser 2 x 15°	6102/111-0100-150-0111-11-4850-00		270457	3.000

## Selection Table

Control interface	without			
Escape sign	Diffuser	Product Type	Art. No.	Weight kg
Escape route downstairs	-	6102/111-0100-150-0111-11-1850-D1	273110	3.560
Escape route to the left	-	6102/111-0100-150-0111-11-1850-B1	273108	3.560
Escape route to the right	-	6102/111-0100-150-0111-11-1850-A1	273107	3.560
Escape route upstairs	-	6102/111-0100-150-0111-11-1850-C1	273109	3.560
escape to the left/right	-	6102/111-0100-150-0111-11-1850-A2	273121	3.560

## Technical Data

### Variant

### Electrical Data

Operating voltage AC	100...240 V ± 10%	100...240 V ± 10%	100...240 V ± 10%	220...240V±10%(w.int.Adr.)
Operating voltage AC max.	264 V	264 V	264 V	264 V (with integrated address module)
Operating voltage DC	100...250 V ± 10%	110...250 V ± 10%	100...250 V ± 10%	194...250 V (with integrated address module)
Operating voltage DC max.	275 V	275 V	275 V	275 V
Frequency range	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz

### Ambient Conditions

Ambient temperature	-40°C ... +50°C Note: Through wiring Max. 3x16 A -40°C ... +60°C Note: Through wiring 2 Max. 3x10 A	-40°C ... +50°C Note: Through wiring Max. 3x16 A -40°C ... +60°C Note: Through wiring 2 Max. 3x10 A	-40°C ... +50°C Note: Through wiring Max. 3x16 A -40°C ... +60°C Note: Through wiring 2 Max. 3x10 A	-30°C ... +50°C Note: Through wiring Max. 3x16 A -30°C ... +60°C Note: Through wiring 2 Max. 3x10 A
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### Lighting Data

Lamp	LED	LED	LED	LED
Light distribution		80° (with diffuser)	0-60° (with deflection optics)	
Luminaire efficacy	0 lm/W	75 lm/W	60 lm/W	0 lm/W
Luminous flux	0 lm	600 lm	490 lm	0 lm
Colour rendering		≥ 80	≥ 80	
Colour temperature	0 K	5000 K	5000 K	0 K

### Mechanical Data

Impact strength (IK code)	IK08 (IEC 62262)	IK08 (IEC 62262)	IK08 (IEC 62262)	IK08 (IEC 62262)
Degree of protection IP (IEC 60598)	IP66 / IP67	IP66 / IP67	IP66 / IP67	IP66 / IP67
Protection class	I	I	I	I
Enclosure colour	Light grey (RAL 7035)	Light grey (RAL 7035)	Light grey (RAL 7035)	Light grey (RAL 7035)
Enclosure material	Thermoset	Thermoset	Thermoset	Thermoset
Cover material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
Sealing material	Silicone	Silicone	Silicone	Silicone
Lens material	PMMA			PMMA
Installed terminal strip	PE + N + L1 + L2 + L3 + D1+D2	PE + N + L1 + L2 + L3 + D1+D2	PE + N + L1 + L2 + L3 + D1+D2	PE + N- + L+ + L" + N"
Connection terminals solid max.	6 mm <sup>2</sup>	6 mm <sup>2</sup>	6 mm <sup>2</sup>	6 mm <sup>2</sup>
Connection terminals finely-stranded max.	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Type of connection cable	Solid Finely stranded	Solid Finely stranded	Solid Finely stranded	Solid Finely stranded
Disconnection of the luminaire	No	No	No	No

### Components

Threaded plate	2x plastic	2x plastic	2x plastic	2x plastic
Ballast	6045/311-841-10 AC/DC DALI	6045/311-841-10 AC/DC DALI	6045/311-841-10 AC/DC DALI	6045/312-842-10 AC/DC int. ADR
Through wiring	Loop in/loop out 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	3 x M25

Technical Data				
Variant				
Components				
Screw connections	2 x M25 Ø 7 – 17 mm	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	2 x M25 x 1.5
Stopping plug material	Polyamide, black	Polyamide, black	Polyamide, black	Polyamide, black
Accessories	Provided	Provided	Provided	Provided