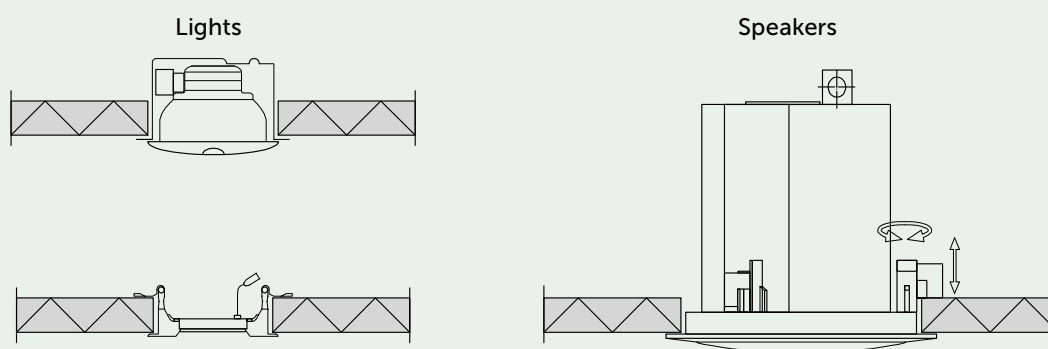


## Installation of lights, speakers and similar devices into CEWOOD Panels

The placement and type of ceiling lights, speakers and similar devices in CEWOOD Panels are determined by the construction project. Devices which are intended for installation in the suspended ceiling must be used. The device must be assembled according to the device manufacturer's assembly instructions. The assembly instructions must indicate the device's dimensions, weight and dimensions of the required mounting openings and they must not exceed the limits stated below.



⚠ Ceiling frames are designed for a total calculated load of up to 0.1 kN (~10kg) per frame element running meter.

### Permissible openings made into CEWOOD Panels and load-bearing capacity of fasteners

CEWOOD Panel thickness, mm	Permissible weight of the built-in device, kg	Permissible dimensions of an opening		Fastener load-bearing capacity, N (~KG)	
		Diameter, mm	Edge length, mm	Self-drilling dowel with wood screw Ø 4.5 mm	Wood screw Ø 4.5 mm
15	1.2	150	120	10 (~ 1.0)	10 (~ 1.0)
25	3.5	200	175	30 (~ 3.0)	20 (~ 2.0)
35	6	300	275	40 (~ 4.0)	25 (~ 2.5)

Heavier devices can be attached directly to the load-bearing structure or an additional support structure can be created. An opening for inserting the device can be cut with a jigsaw or circular hole saw. The edges of an opening must be smoothed and painted. Holes or cut-outs should be placed in the center of the panel.



Self drilling dowel



Wood screw