SensMotion
BY BUILDING ROBOTICS

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PRINTABLE WORKING AID · § 56 GMODG

Checklist: lighting control obligation under § 56 GModG

Check step by step whether your non-residential building is affected, what is required and what you should document. Right column for your notes.

over 70 kW
Rated output of the heating, air-conditioning or combined ventilation system, per system

31 Dec 2029
Deadline for automatic lighting control

zoned
with occupancy detection, the rule under sentence 2

Applicability

- [ ] The building is non-residential (or has a non-residential part).
- [ ] Rated output of the largest heating, air-conditioning or combined ventilation system noted (rating plate, energy certificate): more than 70 kW?
- [ ] Output checked per system, not per tenant. Separate systems not added together.
- [ ] Owner named as responsible party (for let buildings usually the landlord).
- [ ] Deadline noted: 31 December 2029 (§ 56 (1) and (6) GModG).

Existing lighting

- [ ] Luminaire types, quantities and mounting heights recorded.
- [ ] LED installed? Dimmable driver (0-10 V or DALI)? Photo of the label taken.
- [ ] 12 V auxiliary output (AUX) on the driver? If not: check a solution with its own power supply.
- [ ] Driver not dimmable or LED retrofit already older? Check replacement with new, controllable luminaires (saves additional energy).
- [ ] Fluorescent lamps present? Plan LED conversion (RoHS: no new T5/T8 supply).

Control requirements

- [ ] Automatic lighting control planned (§ 56 (6) sentence 1, mandatory).

- [ ] Appropriate zoning defined (sentence 2, 'should' = the rule).
- [ ] Occupancy detection per zone provided (sentence 2, 'should' = the rule).
- [ ] Background light, hold times and daylight zones defined.
- [ ] Minimum illuminance during presence ensured (EN 12464-1, German ASR A3.4).

Building automation and data

- [ ] Building automation under § 56 (1) and (2) for heating, ventilation, air conditioning planned (separate part).
- [ ] Open interface for lighting data provided (e.g. BACnet/IP).
- [ ] Monitoring per zone set up: consumption, occupancy, operating hours.
- [ ] Note: building automation under § 56 (2) exempts from the inspection duty (§ 74 (3) no. 1, from 1 Jan 2027).

Exemptions and proof

- [ ] If an exemption is claimed: 'technically impossible' or 'economically unreasonable' justified in writing (§ 5, § 102).
- [ ] Economic calculation with assumptions documented.
- [ ] Commissioning record and zone plan filed.
- [ ] Before/after measurement over the same period planned (proof of savings).

Outlook from 2027

- [ ] Energy certificate: on sale or letting only demand-based, classes A–G, lighting counts.
- [ ] Minimum energy performance under § 40 checked: at most 3.5× the reference from 2030, 2.95× from 2033 (lighting counts).
- [ ] Funding checked before the project starts (BEG EM: building automation from class B; lighting as a single measure removed).

Questions about your building?

Send us a photo of the rating plate and the rated output of your system. You will receive a first assessment.

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